Investment Performance Review Period Ending September 30, 2023

Town of Palm Beach Retirement System

Preliminary Results



3rd Quarter 2023 Market Environment



The Economy

- The US Federal Reserve Bank (the Fed) continued to increase interest rates during the quarter with an additional 0.25% increase in the Fed Funds rate in late July, followed by a pause at the September Federal Open Market Committee (FOMC) meeting. The Fed continues to prioritize fighting high inflation with the press release from the July meeting detailing the FOMC's commitment to returning inflation to its 2% target rate. In addition, the committee members have agreed to continue reducing the Fed's balance sheet by reducing holdings in Treasuries, agency debt and agency mortgage-backed securities.
- The US labor market continues to show signs of weakening. Private payroll growth for the month of September showed growth well below estimates, coming in at just 89,000 new jobs for the month.
- Capital market yields have risen to their highest levels in over a decade as market participants are demanding a greater premium on long-term Treasury securities. The 30-year Treasury yield jumped 0.88% during the quarter signaling that market participants are anticipating higher levels of both inflation and policy interest rates.
- The Atlanta Fed's GDPNow model's projected third-quarter GDP growth has been revised upward from the original estimates of 3.5% in July to 4.9% at the end of September. The main drivers of the upward revisions came in August upon the release of personal consumption and private domestic investment data from the US Bureau of Labor and Statistics.

Equity (Domestic and International)

- US equities moved broadly lower during the third quarter. The selloff was agnostic to size and style as all major domestic equity benchmarks finished the quarter with losses in the mid to high single-digit territory. After its encouraging performance in the second quarter, the large-cap S&P 500 benchmark fell by -3.3% for the third quarter. Small-cap stocks faced a deeper drawdown over the period with the Russell 2000 returning -5.1%. Contributing factors to this quarter's performance were, unsurprisingly, related to interest rates and the overall level of inflation in the economy.
- International stocks also came under pressure during the third quarter, reversing their positive results from last quarter. China continues to show signs of weakness as the cost of debt increases globally. Given China's large weight in the MSCI Emerging Market Index and its economic influence in the region, future prospects of growth for southeast Asia will be largely dependent on the strength of future growth for the country.

Fixed Income

- While the US economy continues to see signs of disinflation, many of the Fed's preferred gauges continue to show inflation above their long-term target. During the quarter, the Fed maintained its inflation-fighting policy stance, increasing interest rates by 0.25% in July but opting to pause in September. The additional rate hike in July along with the possibility that additional rate hikes could occur later in the year, drove capital market yields sharply higher during the quarter.
- The mortgage-backed sector was the worst-performing sector during the quarter as the 10-year Treasury yield hit its highest level in 16 years. US Government securities were the worst-performing sector during the previous 12 months. US Treasuries have lagged corporate and securitized sectors as yields at longer maturities rose significantly and credit availability has tightened since last year.
- High-yield corporate bonds have held up better than higher-quality issues, aided by narrowing credit spreads, higher coupons, and generally shorter maturities.
 High-yield bonds were the best-performing segment of the domestic bond market during the quarter and on a trailing 12-month basis.

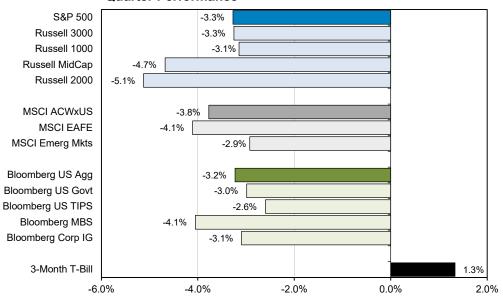
Market Themes

- Economies around the globe continue to struggle with taming inflation. Markets are beginning to experience pressures brought on by higher costs of debt and pricing in expectations of higher interest rates for longer than originally anticipated. US Treasury yields on the long end of the par curve have risen sharply which threatens to undercut the economy by markedly raising borrowing costs.
- While energy costs have subsided from the initial shock of the Russian invasion in 2022, oil prices have been driven higher in recent months due to cuts in global production. This was soon followed by consumer-led demand destruction and expectations are that prices could soon subside.
- Despite concerns about slowing economic growth, lower-quality corporate bonds continue to outperform the government sector.
- US and international equity markets have struggled to maintain their recovery after last year's disappointment. Expectations that inflation would continue to moderate and central banks would slow the pace of their monetary tightening cycles have not taken shape as quickly as originally anticipated, leaving the consumer disadvantaged by higher price levels, higher interest rates, and weak availability of credit.

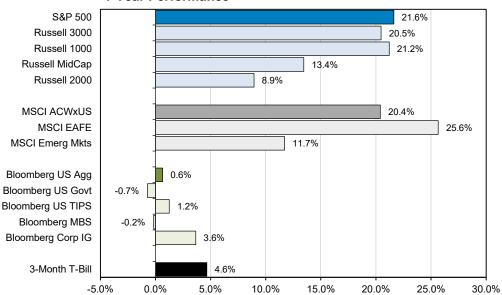


- Domestic equity markets struggled in the third quarter, reverting from the performance posted in the first half of 2023. Strong performance from domestic equities markets earlier in the year was enough to overshadow the third quarter's negative returns, leading to positive results for most domestic equity benchmarks on a trailing one-year basis. Macroeconomic challenges faced by the US economy for the past several quarters finally weighed on market participants, leading to dismal market returns. For the period, the Russell 1000 large-cap benchmark returned -3.1 % versus -4.7% for the Russell Mid Cap Index and -5.1% for the Russell 2000 small-cap index.
- International developed and emerging market equities also delivered disappointing results, in line with their domestic counterparts. Europe continues to face geopolitical risks related to the conflict in Ukraine and rising interest rates. However, inflation has eased somewhat due to higher rates and more manageable energy prices. The developed-market MSCI EAFE Index returned -4.1% for the quarter and the MSCI Emerging Markets Index fell by -2.9%.
- The domestic bond market continued its decline during the quarter due to the Fed's decision to hike policy rates an additional 0.25% and a re-shaping of the Treasury yield curve. The Bloomberg US Aggregate Index returned -3.2% for the quarter and investment-grade corporate bonds returned a similar -3.1%.
- Over the one-year trailing period, US equity markets were positive as the disappointing performance from much of 2022 rolled off. The S&P 500 Index climbed 21.6% for the trailing 12 months. The weakest relative performance for the year was the Russell 2000 Index, which still rose 8.9% over the last 12 months.
- International markets also shook off their poor 2022 performance. Over the trailing one-year period, the MSCI EAFE Index was the best-performing equity benchmark, returning 25.6% while the MSCI Emerging Markets Index posted a more modest 11.7%.
- Bond markets were generally flat over the previous 12 months. Investment-grade corporate bonds were the best-performing sector, posting a return of 3.6%. Meanwhile, Treasuries were negative, returning -0.7% over the previous 12 months. The bellwether fixed-income benchmark, the Bloomberg US Aggregate Index, returned a small, positive 0.6%.

Quarter Performance



1-Year Performance



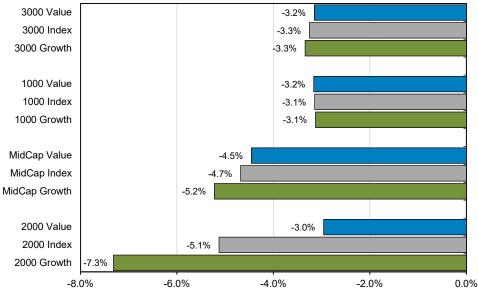
Source: Investment Metrics



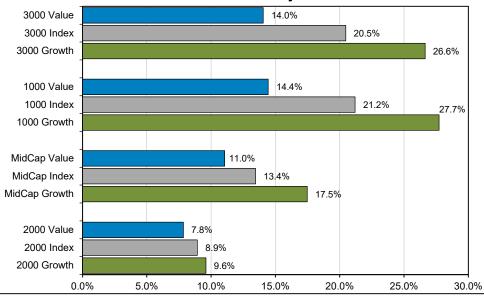
- During the third quarter, core domestic equity benchmarks reversed course from their encouraging first-half 2023 performance. The selloff was agnostic to style as growth and value were down -3.3% and -3.2% respectively for the Russell 3000 Index, the broad market benchmark.
- Large-cap stocks once again led results for the capitalization-based benchmarks, besting both the mid-cap and small-cap indices for the quarter. Russell 1000 Index fell by -3.1% while the Russell 2000 Index fell by -5.1%.
- Among large-cap stocks, performance was relatively uniform across the style spectrum as growth fell by -3.1% and value fell by -3.2%. However, among small-cap stocks, performance across the style spectrum was disparate as growth fell by -7.3% and value fell by just -3.0%.

- The third quarter's reversal for domestic equity markets did not eclipse the rebound seen in the asset class during the first half of 2023 as each of the Russell indices were positive on a trailing 12-month basis. Within large-cap stocks, the Russell 1000 Growth Index maintains sizable dominance, returning 27.7% and leading the way among style-and-market-capitalization classifications. The worst-performing sub-index was the Russell 2000 Value, which posted a modest 7.8% return for the trailing 12 months.
- Growth rebounded from disappointing results in early 2022 and continues to lead value-based benchmarks in all market capitalization ranges over the trailing year. The Russell 2000 Growth Index returned 9.6%, outpacing the Russell 2000 Value Index return of 7.8%. The Russell 1000 Growth and Russell Midcap Growth benchmarks gained 27.7% and 17.5%, respectively, while their corresponding value index counterparts returned solid, but lagging, performance of 14.4% and 11.0%, respectively.

Quarter Performance - Russell Style Series



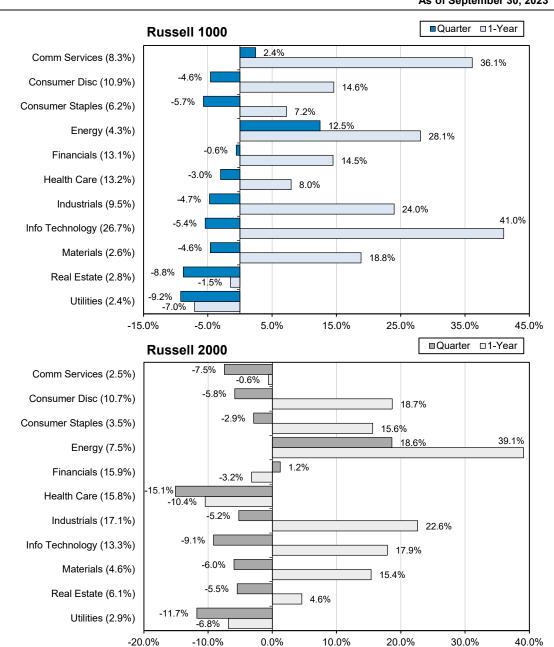
1-Year Performance - Russell Style Series



Source: Investment Metrics



- Performance of the large-cap Russell 1000 Index was affected by negative performance in nine of 11 economic sectors during the quarter.
 However, four of the 11 sectors managed to outpace the core large-cap index.
- While domestic equities experienced challenges during the quarter, the energy sector managed a solid return of 12.5%. The other three sectors that outpaced the headline large-cap index's -3.1% return for the quarter were communication services (2.4%), financials (-0.6%) and health care (-3.0%). The worst-performing sectors during the quarter were utilities (-9.2%), and real estate (-8.8%).
- For the full year, four economic sectors exceeded the return of the broad large-cap index, and nine of the 11 sectors posted positive performance. The weakest economic sectors in the Russell 1000 for the year were utilities, and real estate which declined by -7.0% and -1.5%, respectively. Both sectors have been heavily impacted by rising energy costs and a market rotation away from defensive names.
- Nine of 11 economic sectors in the small-cap benchmark posted negative results during the quarter while just three exceeded the -5.1% return of the Russell 2000 Index. The health care (-15.1%) and utilities (-11.7%) sectors detracted the most from small-cap performance, lagging the broad benchmark for the quarter. The two economic sectors that were positive for the quarter were energy (18.6%), and financials (1.2%).
- Similar to their large-cap peers, seven small-cap sectors were positive for the trailing 12 months. Energy posted the strongest sector result (39.1%) while the industrials sector also posting a return of more than 20% for the last 12 months. Just four of the 11 economic sectors fell short of the core small-cap benchmark's return of 8.9% over the trailing year. The worst-performing sector for the year was health care with a return of -10.4%. The utilities (-6.8%), financials (-3.2%), and communication services (-0.6%) sectors also posted negative results for the year.





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



| Top 10 Weighted Stocks | | | | | |
|--------------------------------|--------|-----------------|------------------|------------------------|--|
| Russell 1000 | Weight | 1-Qtr Return | 1-Year Return | Sector | |
| Apple Inc | 6.4% | -11.6% | 24.6% | Information Technology | |
| Microsoft Corp | 5.9% | -7.1% | 36.9% | Information Technology | |
| Amazon.com Inc | 2.9% | -2.5% | 12.5% | Consumer Discretionary | |
| NVIDIA Corp | 2.6% | 2.8% | 258.6% | Information Technology | |
| Alphabet Inc Class A | 2.0% | 9.3% | 36.8% | Communication Services | |
| Tesla Inc | 1.7% | -4.4% | -5.7% | Consumer Discretionary | |
| Alphabet Inc Class C | 1.7% | 9.0% | 37.1% | Communication Services | |
| Meta Platforms Inc Class A | 1.7% | 4.6% | 121.3% | Communication Services | |
| Berkshire Hathaway Inc Class B | 1.6% | 2.7% | 31.2% | Financials | |
| Exxon Mobil Corp | 1.2% | 10.6% | 39.1% | Energy | |

| Top 10 Weighted Stocks | | | | |
|------------------------------------|--------|-----------------|------------------|------------------------|
| Russell 2000 | Weight | 1-Qtr Return | 1-Year Return | Sector |
| Super Micro Computer Inc | 0.6% | 10.0% | 397.9% | Information Technology |
| Chart Industries Inc | 0.3% | 5.8% | -8.3% | Industrials |
| ChampionX Corp | 0.3% | 15.1% | 84.2% | Energy |
| Chord Energy Corp Ordinary Shares | 0.3% | 6.3% | 29.3% | Energy |
| Murphy Oil Corp | 0.3% | 19.1% | 32.3% | Energy |
| Matador Resources Co | 0.3% | 14.0% | 22.8% | Energy |
| Light & Wonder Inc Ordinary Shares | 0.3% | 3.7% | 66.3% | Consumer Discretionary |
| Weatherford International PLC | 0.3% | 36.0% | 179.7% | Energy |
| Simpson Manufacturing Co Inc | 0.3% | 8.4% | 93.1% | Industrials |
| SPS Commerce Inc | 0.3% | -11.2% | 37.3% | Information Technology |

| Top 10 Performing Stocks (by Quarter) | | | | | | |
|---------------------------------------|--------|-----------------|------------------|------------------------|--|--|
| Russell 1000 | Weight | 1-Qtr Return | 1-Year Return | Sector | | |
| AppLovin Corp Ordinary Shares | 0.0% | 55.3% | 105.0% | Information Technology | | |
| Vertiv Holdings Co Class A | 0.0% | 50.2% | 283.0% | Industrials | | |
| Capri Holdings Ltd | 0.0% | 46.6% | 36.9% | Consumer Discretionary | | |
| Rivian Automotive Inc Class A | 0.0% | 45.7% | -26.2% | Consumer Discretionary | | |
| Texas Pacific Land Corp | 0.0% | 38.8% | 3.3% | Energy | | |
| Affirm Holdings Inc Ordinary Shares | 0.0% | 38.7% | 13.4% | Financials | | |
| Splunk Inc | 0.1% | 37.9% | 94.5% | Information Technology | | |
| H&R Block Inc | 0.0% | 36.2% | 4.5% | Consumer Discretionary | | |
| Ollie's Bargain Outlet Holdings Inc | 0.0% | 33.2% | 49.6% | Consumer Discretionary | | |
| Zions Bancorp NA | 0.0% | 31.4% | -28.4% | Financials | | |

| Top 10 Performing Stocks (by Quarter) | | | | | | |
|---------------------------------------|--------|-----------------|------------------|------------------------|--|--|
| Russell 2000 | Weight | 1-Qtr Return | 1-Year Return | Sector | | |
| Tango Therapeutics Inc | 0.0% | 239.2% | 211.0% | Health Care | | |
| PolyMet Mining Corp | 0.0% | 166.3% | -22.3% | Materials | | |
| Cardlytics Inc | 0.0% | 161.1% | 75.5% | Communication Services | | |
| Telephone and Data Systems Inc | 0.1% | 124.8% | 41.3% | Communication Services | | |
| Thorne HealthTech Inc | 0.0% | 116.8% | 115.4% | Consumer Staples | | |
| Immunovant Inc | 0.1% | 102.4% | 588.0% | Health Care | | |
| Tetra Technologies Inc | 0.0% | 88.8% | 77.7% | Energy | | |
| NextNav Inc | 0.0% | 74.8% | 91.1% | Information Technology | | |
| Centrus Energy Corp Class A | 0.0% | 74.3% | 38.5% | Energy | | |
| Hallador Energy Co | 0.0% | 68.3% | 156.6% | Energy | | |

| Bottom 10 Performing Stocks (by Quarter) | | | | | |
|--|--------|-----------------|------------------|------------------------|--|
| Russell 1000 | Weight | 1-Qtr Return | 1-Year Return | Sector | |
| AMC Entertainment Holdings Inc | 0.0% | -79.4% | -87.0% | Communication Services | |
| Hawaiian Electric Industries Inc | 0.0% | -65.0% | -62.4% | Utilities | |
| NovoCure Ltd | 0.0% | -61.1% | -78.7% | Health Care | |
| Apellis Pharmaceuticals Inc | 0.0% | -58.2% | -44.3% | Health Care | |
| Viasat Inc | 0.0% | -55.3% | -38.9% | Information Technology | |
| Petco Health and Wellness Co Inc | 0.0% | -54.0% | -63.4% | Consumer Discretionary | |
| Driven Brands Holdings Inc | 0.0% | -53.5% | -55.0% | Industrials | |
| Olaplex Holdings Inc | 0.0% | -47.6% | -79.6% | Consumer Staples | |
| Masimo Corp | 0.0% | -46.7% | -37.9% | Health Care | |
| Spirit AeroSystems Holdings Inc | 0.0% | -44.7% | -26.4% | Industrials | |

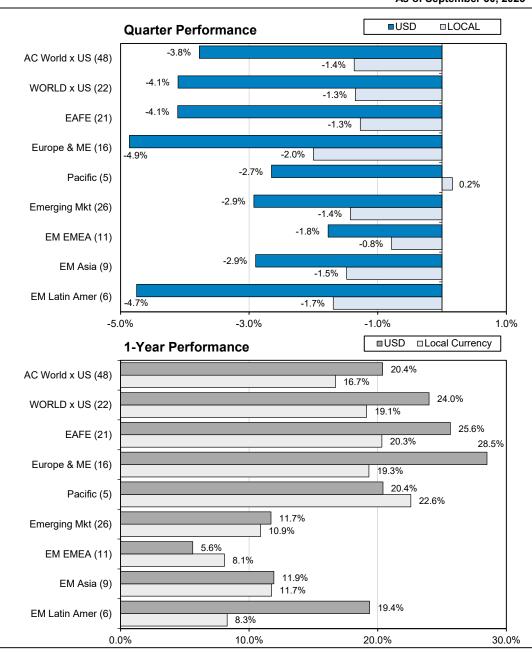
| Bottom 10 Performing Stocks (by Quarter) | | | | | |
|--|--------|-----------------|------------------|------------------------|--|
| Russell 2000 | Weight | 1-Qtr Return | 1-Year Return | Sector | |
| Outlook Therapeutics Inc | 0.0% | -87.3% | -81.9% | Health Care | |
| CXApp Inc Ordinary Shares | 0.0% | -83.4% | -81.9% | Information Technology | |
| Cano Health Inc Ordinary Shares | 0.0% | -81.8% | -97.1% | Health Care | |
| Loop Media Inc | 0.0% | -79.2% | -88.9% | Communication Services | |
| Akoustis Technologies Inc | 0.0% | -76.3% | -74.6% | Information Technology | |
| Benson Hill Inc | 0.0% | -74.5% | -87.9% | Consumer Staples | |
| TPI Composites Inc | 0.0% | -74.4% | -76.5% | Industrials | |
| Kodiak Sciences Inc | 0.0% | -73.9% | -76.7% | Health Care | |
| System1 Inc | 0.0% | -73.1% | -80.8% | Communication Services | |
| Presto Automation Inc | 0.0% | -72.6% | -30.2% | Information Technology | |

Source: Morningstar Direct



- International developed and emerging market benchmarks struggled in both US Dollar (USD) and local currency (LCL) terms. The strengthening USD contributed to weaker USD performance for non-US indices during the quarter. The developed-market MSCI EAFE Index struggled with a -4.1% return in USD and -1.3% in LCL terms for the period. The MSCI Emerging Markets Index fell by less than most developed market indices, returning -2.9% in USD and -1.4% in LCL terms.
- The EMEA index had the smallest drawdown for the quarter in USD terms, falling -1.8%. In local currency terms, the Pacific regional index exhibited a slight 0.2% gain during the quarter, the only positive return among its peers.

- Trailing one-year results were more appealing compared to the quarter's results. Much like domestic markets, trailing one-year performance for international developed and emerging markets rolled off their poor performance from 2022 resulting in strong returns for the trailing year. Additionally, LCL returns have outpaced USD returns for many developed markets due to the softening USD relative to many of the world's developed-market currencies over the year.
- Annual returns across emerging markets were broadly higher given their strong performance early in the year. Latin American results led the way with returns of 19.4% in USD and 8.3% in LCL terms. Performance in the EMEA regional benchmark detracted from emerging market index with the EMEA Index posting returns of 5.6% in USD and 8.1% in LCL terms. As a result, the broad MSCI Emerging Markets Index returned 11.7% in USD and 10.9% in LCL terms for the year.



Source: MSCI Global Index Monitor (Returns are Net)



| MSCI - EAFE | Sector Weight | Quarter Return | 1-Year Return |
|------------------------|---------------|----------------|---------------|
| Communication Services | 4.1% | -3.4% | 14.4% |
| Consumer Discretionary | 12.0% | -8.3% | 32.8% |
| Consumer Staples | 9.8% | -7.1% | 9.9% |
| Energy | 4.8% | 11.6% | 34.3% |
| Financials | 19.1% | 0.8% | 33.9% |
| Health Care | 13.4% | -3.1% | 19.0% |
| Industrials | 15.9% | -6.0% | 32.9% |
| Information Technology | 7.7% | -10.7% | 29.2% |
| Materials | 7.5% | -3.2% | 23.7% |
| Real Estate | 2.3% | -1.1% | 5.4% |
| Utilities | 3.4% | -8.8% | 22.5% |
| Total | 100.0% | -4.1% | 25.6% |

| MSCI - ACWIXUS | Sector Weight | Quarter Return | 1-Year Return |
|------------------------|---------------|----------------|---------------|
| Communication Services | 5.5% | -4.9% | 13.0% |
| Consumer Discretionary | 11.9% | -5.6% | 22.3% |
| Consumer Staples | 8.4% | -6.4% | 9.0% |
| Energy | 6.0% | 9.0% | 27.3% |
| Financials | 21.2% | -0.7% | 22.0% |
| Health Care | 9.7% | -2.8% | 17.2% |
| Industrials | 13.1% | -5.8% | 28.2% |
| Information Technology | 11.3% | -8.7% | 29.0% |
| Materials | 7.9% | -3.3% | 16.2% |
| Real Estate | 2.0% | -1.1% | 4.7% |
| Utilities | 3.1% | -7.9% | 11.4% |
| Total | 100.0% | -3.8% | 20.4% |

| MSCI - Emerging Mkt | Sector Weight | Quarter Return | 1-Year Return |
|------------------------|---------------|----------------|---------------|
| Communication Services | 9.6% | -5.9% | 12.5% |
| Consumer Discretionary | 13.7% | 0.8% | 5.1% |
| Consumer Staples | 6.2% | -4.4% | 4.6% |
| Energy | 5.3% | 6.3% | 23.8% |
| Financials | 22.3% | -1.7% | 10.2% |
| Health Care | 3.8% | -0.8% | 4.1% |
| Industrials | 6.7% | -4.6% | 11.5% |
| Information Technology | 20.2% | -6.8% | 25.8% |
| Materials | 8.0% | -3.1% | 6.5% |
| Real Estate | 1.7% | -0.6% | 1.5% |
| Utilities | 2.6% | -3.0% | -5.5% |
| Total | 100.0% | -2.9% | 11.7% |

| | | | | or coptomber 66, 2 |
|---------------------------|-----------|--------------|----------------|--------------------|
| | MSCI-EAFE | MSCI-ACWIxUS | Quarter | 1- Year |
| Country | Weight | Weight | Return | Return |
| Japan | 22.9% | 14.7% | -2.4% | 23.3% |
| United Kingdom | 15.3% | 9.8% | -2.8% | 20.0% |
| France | 12.1% | 7.7% | -7.1% | 31.4% |
| Switzerland | 9.9% | 6.4% | -5.5% | 13.7% |
| Germany | 8.3% | 5.3% | -7.7% | 32.3% |
| Australia | 7.4% | 4.7% | -4.7% | 10.4% |
| Netherlands | 4.3% | 2.7% | -14.1% | 24.8% |
| Denmark | 3.3% | 2.1% | 2.0% | 52.0% |
| Sweden | 3.1% | 2.0% | -5.7% | 17.9% |
| Spain | 2.6% | 1.7% | -4.1% | 40.4% |
| Italy | 2.6% | 1.7% | -2.4% | 47.8% |
| Hong Kong | 2.3% | 1.5% | -12.1% | -6.1% |
| Singapore | 1.5% | 0.9% | -2.1% | 6.2% |
| Belgium | 1.0% | 0.6% | -0.2% | 20.0% |
| Finland | 0.9% | 0.6% | -6.0% | -1.9% |
| Norway | 0.7% | 0.5% | 10.7% | 12.9% |
| Israel | 0.7% | 0.4% | 4.5% | 0.1% |
| Ireland | 0.5% | 0.4% | -7.7% | 40.6% |
| Portugal | 0.2% | 0.1% | -8.9% | 7.1% |
| New Zealand | 0.2% | 0.1% | -10.0% | 12.2% |
| Austria | 0.2% | 0.1% | -0.6% | 34.9% |
| Total EAFE Countries | 100.0% | 64.1% | -4.1% | 25.6% |
| Canada | 1001070 | 7.6% | -4.7% | 8.7% |
| Total Developed Countries | | 71.7% | -4.1% | 24.0% |
| China | | 8.5% | -1.9% | 5.2% |
| India | | 4.5% | 2.7% | 10.1% |
| Taiwan | | 4.2% | -7.4% | 21.8% |
| Korea | | 3.5% | -6.6% | 26.2% |
| Brazil | | 1.5% | -3.6% | 15.3% |
| Saudi Arabia | | 1.2% | -4.4% | -5.9% |
| South Africa | | 0.9% | -4.6% | 6.7% |
| Mexico | | 0.7% | -6.5% | 33.7% |
| Indonesia | | 0.6% | -3.4% | 1.5% |
| Thailand | | 0.5% | -4.5% | 0.1% |
| United Arab Emirates | | 0.4% | 6.1% | 2.2% |
| Malaysia | | 0.4% | 4.5% | 5.2% |
| Qatar | | 0.3% | 0.1% | -17.8% |
| Kuwait | | 0.2% | -2.7% | -1.9% |
| Poland | | 0.2% | -12.7% | 59.1% |
| | | | | |
| Turkey Philippines | | 0.2% | 32.7% -3.8% | 74.9% 17.7% |
| | | | | |
| Chile | | 0.1% | -9.8% | 3.3% |
| Greece | | 0.1% | -7.8% | 70.6% |
| Peru | | 0.1% | -4.0% | 29.9% |
| Hungary | | 0.1% | 0.5% | 75.9% |
| Czech Republic | | 0.0% | 1.0% | 35.7% |
| Colombia | | 0.0% | 0.1% | 15.9% |
| Egypt | | 0.0% | 15.3% | 48.4% |
| Total Emerging Countries | | 28.3% | -2.9% | 11.7% |
| Total ACWIxUS Countries | | 100.0% | -3.8% | 20.4% |

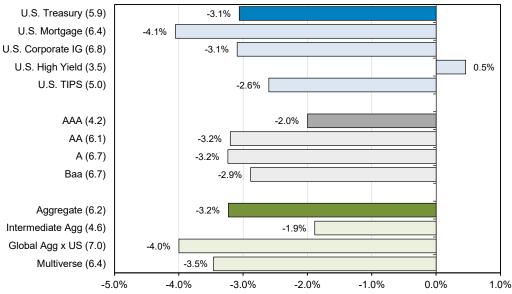
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

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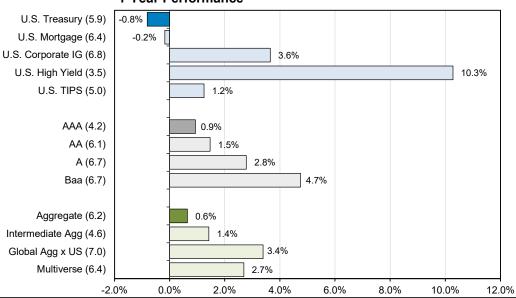


- Fixed income markets continued the decline that began in the second quarter. Yields remain elevated on the back of FOMC actions to hike policy rates throughout the year. After a challenging 2022 in fixed-income markets brought on by the largest and most rapid increase in interest rates since the early 1980s, higher yields and an expected slower pace of rate increases led investors to expect better outcomes in 2023. That expectation was challenged during the second and third quarters, as the additional 0.25% rate hike in July, and guidance toward potential future rate hikes weighed on the asset class and many of the major domestic fixed-income indices posted discouraging returns.
- The Bloomberg US Aggregate Bond Index, the bellwether US investment grade benchmark, declined -3.2% for the quarter. Beneath the headline benchmark, the Bloomberg US Corporate Investment Grade Index returned -3.1% and the US Mortgage Index posted a weaker -4.1%.
- Outside of the aggregate index's sub-components, high-yield bonds continued their rise with a return of 0.5% as credit spreads narrowed during the quarter. Additionally, US TIPS fell -2.6% for the quarter. The Bloomberg Global Aggregate ex-US Index lagged most domestic fixed-income indexes and the multiverse benchmark, posting a loss of -4.0% for the quarter.
- Over the trailing one-year period, the Bloomberg US Aggregate Bond Index gained just 0.6%. The benchmark's sub-components were highly dispersed with Treasuries falling -0.8% while corporate investment grade issues were up 3.6% over the previous 12 months. US TIPS, which are excluded from the aggregate index, increased by 1.2% for the year. High-yield corporate bonds, which have a much shorter duration, nearly tripled the returns of their investment grade counterparts with the Bloomberg US High Yield Index returning an impressive 10.3% for the trailing year.
- Performance for non-US bonds overcame the disappointing performance in 2022 with the Bloomberg Global Aggregate ex-US Index gaining 3.4%.





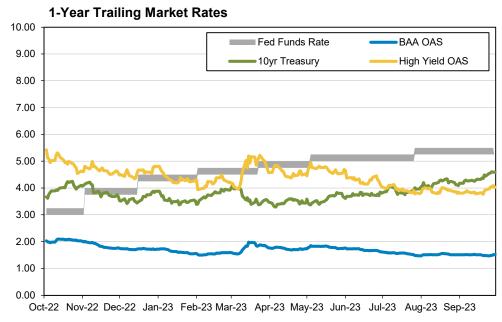
1-Year Performance

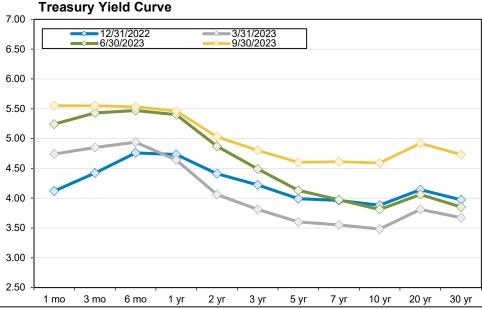


Source: Bloomberg



- The gray band across the graph illustrates the range of the current Fed Funds target rate. During the third quarter, the FOMC raised the lower end of its target rate range from 5.00% to 5.25% at their July meeting. While the FOMC paused further rate increases at their September meeting, several speeches and public comments since that meeting have made it clear that additional rate hikes should not be ruled out. While the overwhelming consensus has been that the Fed is moving towards the end of its rate hiking cycle, several statements and key macroeconomic statistics have shed doubt on timing of these expectations.
- The yield on the US 10-Year Treasury (green line) rose 0.78% largely due to increases in the policy rate and the potential for expected future inflationary pressure. The closing yield on the 10-Year Treasury was 4.59% as of September 29, 2023, and is up 71 basis points from its 3.88% yield at 2022 year-end. Capital market rates have now reached their highest levels in 16 years.
- The blue line illustrates changes in the BAA (Option Adjusted Spread) OAS for BAA-rated corporate bonds. This measure quantifies the additional yield premium that investors require to purchase and hold non-US Treasury investment grade issues with the lowest investment grade rating. For the full year, the spread narrowed from 2.05% to 1.53%, signaling a lower premium for credit risk than was the case a year prior. High-yield OAS spreads have narrowed from 5.92% in July 2022 to 4.03% as of the end of the quarter. Spikes in both the BAA OAS and High Yield spread measures were visible in the first quarter of 2023 following a short-lived crisis of confidence in the banking sector, which has since been addressed. Both spread measures traded lower on the news of the government's intervention, and as fears of possible contagion waned, credit spreads returned to their levels prior to February.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. Short-term rates continued to rise during the third quarter as the FOMC increased policy interest rates to continue combatting inflation. The Treasury yield curve has quickly exhibited a resteepening with longer-term yields increasing at a faster pace than shorter-term yields. During the quarter, the 30-year yield jumped from 3.85% to 4.73% (an increase of 0.88%). Historically, a persistent inversion of the yield curve has been a precursor of an economic recession within six to 24 months.





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



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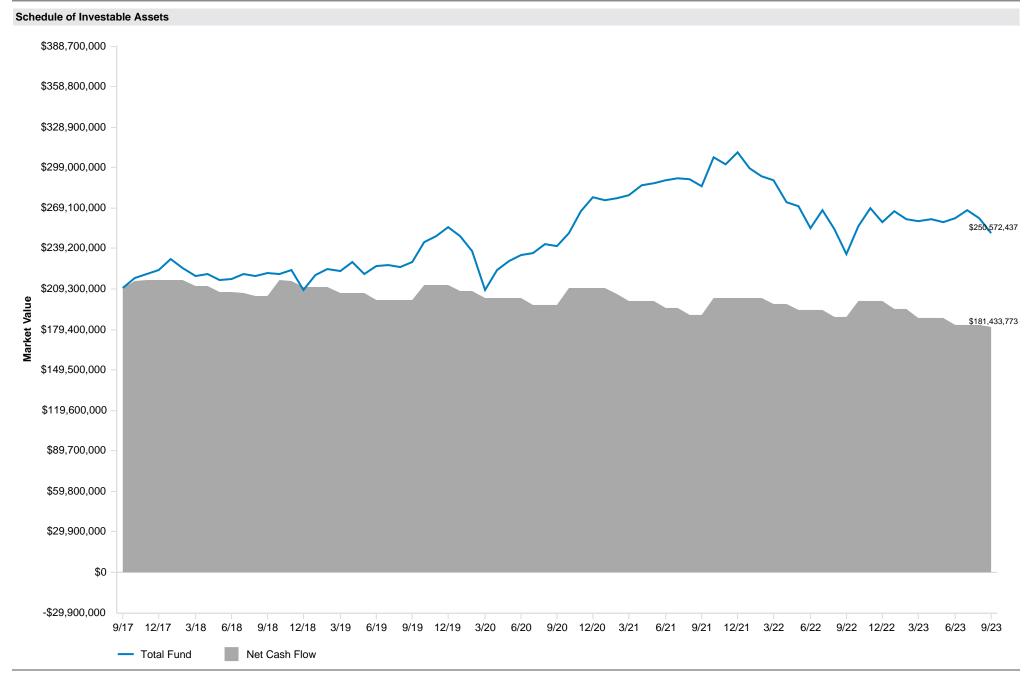


| Manager Manager | MV as of | Most Recent Statement Date |
|-----------------|----------|----------------------------|
|-----------------|----------|----------------------------|

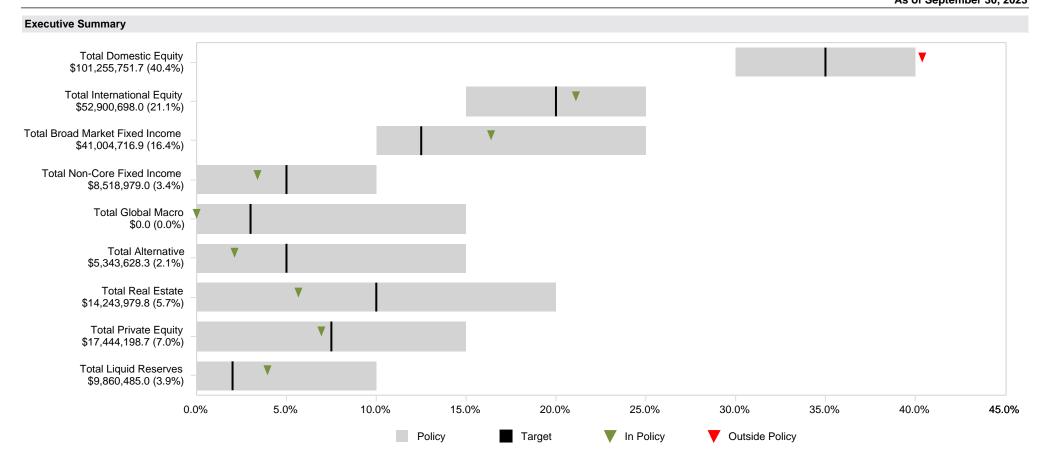
| | Private Equity | |
|-------------------------|---------------------------|-----------|
| HarbourVest Partners | 08/30/2023 - Distrubiton | 6/30/2023 |
| JP Morgan Venture Cap V | 07/31/2023 - Distribution | 6/30/2023 |
| Landmark XIV | 08/18/2023 - Distribution | 6/30/2023 |
| Pomona Cap VIII | 07/26/2023 - Distribution | 6/30/2023 |
| Private Equity Fund V | 6/30/2023 | 6/30/2023 |
| | | |

| Green Cities II 9/30/2023 9/30/2023 Green Cities III 9/30/2023 9/30/2023 Long Wharf Real Estate Fund V 9/30/2023 9/30/2023 Westport RE Fund IV 9/30/2023 9/30/2023 IB Marran Stratagia Property 9/30/2023 9/30/2023 | | Real Estate | |
|---|-------------------------------|-------------|-----------|
| Long Wharf Real Estate Fund V 9/30/2023 9/30/2023 Westport RE Fund IV 9/30/2023 9/30/2023 | Green Cities II | 9/30/2023 | 9/30/2023 |
| Westport RE Fund IV 9/30/2023 9/30/2023 | Green Cities III | 9/30/2023 | 9/30/2023 |
| | Long Wharf Real Estate Fund V | 9/30/2023 | 9/30/2023 |
| ID Morgan Stratogic Property | Westport RE Fund IV | 9/30/2023 | 9/30/2023 |
| 3F Worgan Strategic Property 9/30/2025 9/30/2025 | JP Morgan Strategic Property | 9/30/2023 | 9/30/2023 |

Performance and valuations presented in this report are preliminary, with 93.0% of assets reporting finalized figures. NAVs for non-reporting investments are carried forward from the most recent valuation.







| Asset Allocation Compliance | | | | | |
|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| | Asset Allocation \$ | Current Allocation (%) | Minimum Allocation (%) | Maximum Allocation (%) | Target Allocation (%) |
| Total Fund | 250,572,437 | 100.0 | N/A | N/A | 100.0 |
| Total Domestic Equity | 101,255,752 | 40.4 | 30.0 | 40.0 | 35.0 |
| Total International Equity | 52,900,698 | 21.1 | 15.0 | 25.0 | 20.0 |
| Total Broad Market Fixed Income | 41,004,717 | 16.4 | 10.0 | 25.0 | 12.5 |
| Total Non-Core Fixed Income | 8,518,979 | 3.4 | 0.0 | 10.0 | 5.0 |
| Total Global Macro | - | 0.0 | 0.0 | 15.0 | 3.0 |
| Total Alternative | 5,343,628 | 2.1 | 0.0 | 15.0 | 5.0 |
| Total Real Estate | 14,243,980 | 5.7 | 0.0 | 20.0 | 10.0 |
| Total Private Equity | 17,444,199 | 7.0 | 0.0 | 15.0 | 7.5 |
| Total Liquid Reserves | 9,860,485 | 3.9 | 0.0 | 10.0 | 2.0 |

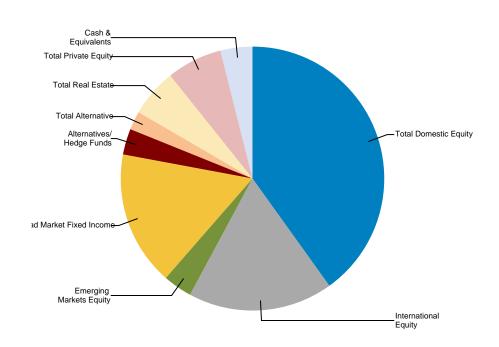


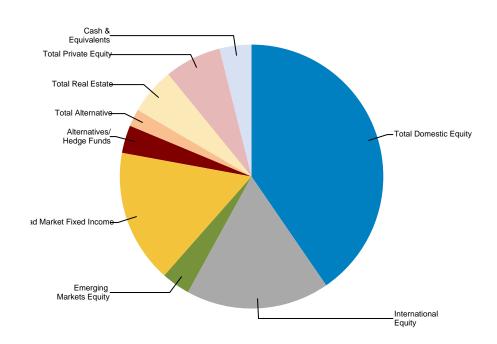
| Asset Allocation by Manager | Dome | etic | Interna | ational | Emo | rging | Domest | ic Fived | | | | | | | | | | |
|--|--------|-------|---------|---------|------|-------|--------|----------|--------|--------|------|--------|---------|--------|---------|----------|--------|-------|
| | Equ | iity | Equ | | | uity | Inco | | Real E | Estate | _ | e Fund | Private | Equity | Cash Eq | uivalent | | Fund |
| | (\$) | % | (\$) | % | (\$) | % | (\$) | % | (\$) | % | (\$) | % | (\$) | % | (\$) | % | (\$) | % |
| Total Fund | 105.43 | 42.1 | 44.09 | 17.6 | 8.81 | 3.5 | 40.69 | 16.2 | 14.24 | 5.7 | 8.52 | 3.4 | 17.44 | 7.0 | 11.34 | 4.5 | 250.57 | 100.0 |
| Total Domestic Equity | 100.09 | 98.8 | - | - | - | - | - | - | - | - | - | - | - | - | 1.17 | 1.2 | 101.26 | 40.4 |
| Vanguard Instl Index (VINIX) | 76.48 | 100.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 76.48 | 30. |
| Geneva Mid Cap Growth Equity | 12.07 | 95.3 | - | - | - | - | - | - | - | - | - | - | - | - | 0.60 | 4.7 | 12.67 | 5. |
| Cooke & Bieler Mid Cap Value Equity | 11.53 | 95.3 | - | - | - | - | - | - | - | - | - | - | - | - | 0.57 | 4.7 | 12.10 | 4. |
| Fotal International Equity | - | - | 44.09 | 83.4 | 8.81 | 16.6 | - | - | - | - | - | - | - | - | - | - | 52.90 | 21. |
| Pear Tree Polaris Foreign Value (QFVRX) | - | - | 17.53 | 100.0 | - | - | - | - | - | - | - | - | - | - | - | - | 17.53 | 7. |
| Fidelity International Index (FSPSX) | - | - | 11.30 | 100.0 | - | - | - | - | - | - | - | - | - | - | - | - | 11.30 | 4. |
| MFS International Growth R6 (MGRDX) | - | - | 7.54 | 100.0 | - | - | - | - | - | - | - | - | - | - | - | - | 7.54 | 3. |
| WCM Focused International Growth (WCMIX) | - | - | 7.73 | 100.0 | - | - | - | - | - | - | - | - | - | - | - | - | 7.73 | 3. |
| Allspring Emerging Markets | - | - | - | - | 8.81 | 100.0 | - | - | - | - | - | - | - | - | - | - | 8.81 | 3. |
| Total Fixed Income | - | - | - | - | - | - | 40.69 | 82.2 | - | - | 8.52 | 17.2 | - | - | 0.31 | 0.6 | 49.52 | 19. |
| Garcia Hamilton Fixed Income Agg. | - | - | - | - | - | - | 40.69 | 99.2 | - | - | - | - | - | - | 0.31 | 0.8 | 41.00 | 16. |
| Serenitas Credit Gamma | - | - | - | - | - | - | - | - | - | - | 8.52 | 100.0 | - | - | - | - | 8.52 | 3. |
| Total Alternative | 5.34 | 100.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.34 | 2. |
| Ark Innovation (ARKK) | 5.34 | 100.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.34 | 2. |
| Total Real Estate | - | - | - | - | - | - | - | - | 14.24 | 100.0 | - | - | - | - | - | - | 14.24 | 5. |
| Green Cities Company II | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0. |
| Green Cities Company III | - | - | - | - | - | - | - | - | 1.94 | 100.0 | - | - | - | - | - | - | 1.94 | 0. |
| Long Wharf Real Estate Partners Fund V | - | - | - | - | - | - | - | - | 2.92 | 100.0 | - | - | - | - | - | - | 2.92 | 1. |
| Westport Real Estate Fund IV | - | - | - | - | - | - | - | - | 1.59 | 100.0 | - | - | - | - | - | - | 1.59 | 0. |
| JP Morgan Strategic Property | - | - | - | - | - | - | - | - | 7.80 | 100.0 | - | - | - | - | - | - | 7.80 | 3. |
| Total Private Equity | - | - | - | - | - | - | - | - | - | - | - | - | 17.44 | 100.0 | - | - | 17.44 | 7. |
| Ares Landmark Equity Partners XIV LP | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 100.0 | - | - | 0.07 | 0. |
| Private Equity Investment Fund V | - | - | - | - | - | - | - | - | - | - | - | - | 0.52 | 100.0 | - | - | 0.52 | 0. |
| HarbourVest Partners IX [Consolidated] | - | - | - | - | - | - | - | - | - | - | - | - | 8.16 | 100.0 | - | - | 8.16 | 3. |
| Pomona Capital VIII | - | - | - | - | - | - | - | - | - | - | - | - | 0.49 | 100.0 | - | - | 0.49 | 0. |
| JPMorgan Venture Capital Fund V | - | - | - | - | - | - | - | - | - | - | - | - | 8.20 | 100.0 | - | - | 8.20 | 3. |
| Fotal Liquid Reserves | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.86 | 100.0 | 9.86 | 3. |
| Liquid Reserves | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.86 | 100.0 | 9.86 | 3. |

Please see disclosures in back of the report for market value and return availability.



Jun-2023 : \$261,333,845.3 Sep-2023 : \$250,572,437.3

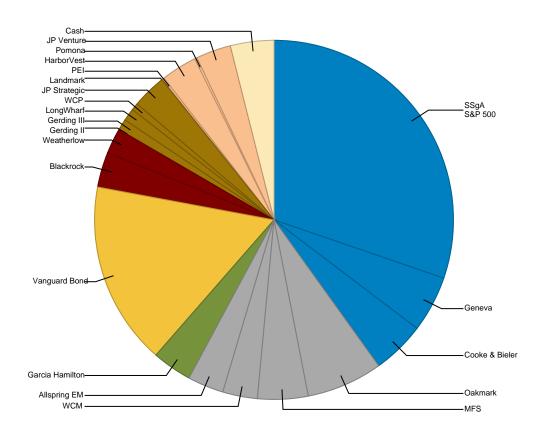




| Allocation | | | Allocation | | |
|----------------------------------|----------------------|-------------------|----------------------------------|----------------------|-------------------|
| | Market Value (\$) | Allocation (%) | | Market Value (\$) | Allocation (%) |
| ■ Total Domestic Equity | 104,765,988 | 40.09 | ■ Total Domestic Equity | 101,255,752 | 40.41 |
| ■ Total Developed Country Equity | 46,433,351 | 17.77 | ■ Total Developed Country Equity | 44,093,789 | 17.60 |
| Total Emerging Markets Equity | 9,339,869 | 3.57 | Total Emerging Markets Equity | 8,806,909 | 3.51 |
| Total Broad Market Fixed Income | 43,124,173 | 16.50 | Total Broad Market Fixed Income | 41,004,717 | 16.36 |
| ■ Total Non-Core Fixed Income | 8,283,792 | 3.17 | ■ Total Non-Core Fixed Income | 8,518,979 | 3.40 |
| ■ Total Global Macro | - | 0.00 | ■ Total Global Macro | - | 0.00 |
| Total Alternative | 5,945,746 | 2.28 | Total Alternative | 5,343,628 | 2.13 |
| Total Real Estate | 15,366,501 | 5.88 | Total Real Estate | 14,243,980 | 5.68 |
| ■ Total Private Equity | 17,806,770 | 6.81 | Total Private Equity | 17,444,199 | 6.96 |
| Cash & Equivalents | 10,267,655 | 3.93 | Cash & Equivalents | 9,860,485 | 3.94 |



Jun-2023: \$261,333,845.3



Market Value Allocation (\$) (%) ■ Vanguard Instl Index (VINIX) 79,074,524 30.26 ■ Geneva Mid Cap Growth Equity 13,243,355 5.07 ■ Cooke & Bieler Mid Cap Value Equity 12,448,108 4.76 ■ Pear Tree Polaris Foreign Value (QFVRX) 17,911,353 6.85 ■ Fidelity International Index (FSPSX) 11,851,863 4.54 ■ MFS International Growth R6 (MGRDX) 8,182,946 3.13 ■ WCM Focused International Growth (WCMIX) 8,487,190 3.25 ■ Allspring Emerging Markets 9,339,869 3.57 ■ Garcia Hamilton Fixed Income Agg. 43,124,173 16.50 Serenitas Credit Gamma 8,283,792 3.17 Ark Innovation (ARKK) 5,945,746 2.28 ■ Green Cities Company II 98,705 0.04 ■ Green Cities Company III 2,546,872 0.97 ■ Long Wharf Real Estate Partners Fund V 2,958,667 1.13 ■ Westport Real Estate Fund IV 1,695,458 0.65 ■ JP Morgan Strategic Property 8,066,799 3.09 ■ Ares Landmark Equity Partners XIV LP 85,156 0.03 ■ Private Equity Investment Fund V 519,658 0.20

Allocation

■ HarbourVest Partners IX

■ JPMorgan Venture Capital Fund V

■ Pomona Capital VIII

■ Liquid Reserves



3.22

0.22

3.14

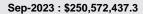
3.93

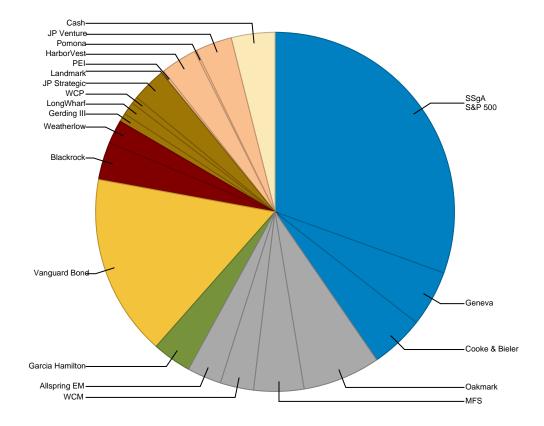
8,419,046

8,198,566

10,267,655

584.344

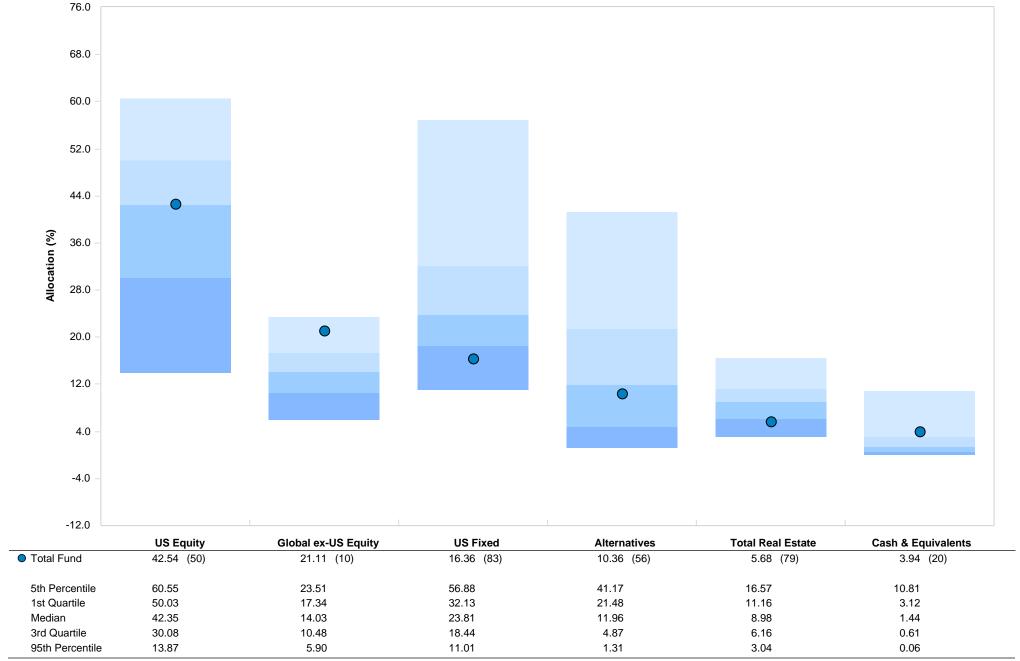




Allocation

| | Market Value (\$) | Allocation (%) |
|--|-------------------|----------------|
| ■ Vanguard Instl Index (VINIX) | 76,482,014 | 30.52 |
| Geneva Mid Cap Growth Equity | 12,674,439 | 5.06 |
| Cooke & Bieler Mid Cap Value Equity | 12,099,298 | 4.83 |
| ■ Pear Tree Polaris Foreign Value (QFVRX) | 17,525,982 | 6.99 |
| □ Fidelity International Index (FSPSX) | 11,297,270 | 4.51 |
| ■ MFS International Growth R6 (MGRDX) | 7,544,632 | 3.01 |
| ■ WCM Focused International Growth (WCMIX) | 7,725,905 | 3.08 |
| Allspring Emerging Markets | 8,806,909 | 3.51 |
| Garcia Hamilton Fixed Income Agg. | 41,004,717 | 16.36 |
| Serenitas Credit Gamma | 8,518,979 | 3.40 |
| Ark Innovation (ARKK) | 5,343,628 | 2.13 |
| ■ Green Cities Company II | - | 0.00 |
| ■ Green Cities Company III | 1,940,049 | 0.77 |
| Long Wharf Real Estate Partners Fund V | 2,922,015 | 1.17 |
| Westport Real Estate Fund IV | 1,585,752 | 0.63 |
| JP Morgan Strategic Property | 7,796,164 | 3.11 |
| Ares Landmark Equity Partners XIV LP | 74,905 | 0.03 |
| Private Equity Investment Fund V | 519,658 | 0.21 |
| HarbourVest Partners IX | 8,159,420 | 3.26 |
| ■ Pomona Capital VIII | 491,650 | 0.20 |
| JPMorgan Venture Capital Fund V | 8,198,566 | 3.27 |
| ☐ Liquid Reserves | 9,860,485 | 3.94 |

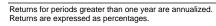




As of September 30, 2023

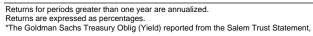
| Comparative Performance | | | | | | | | | |
|---|--------|--------|--------|--------|-------|-------|-------|-----------|-------------------|
| | QTR | YTD | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | Inception | Inception Date |
| Total Fund (Net) | -3.80 | 4.14 | 9.05 | 9.05 | 2.89 | 4.05 | 5.55 | 5.79 | 09/01/2012 |
| Total Fund (Gross) | -3.67 | 4.41 | 9.37 | 9.37 | 3.10 | 4.29 | 5.81 | 6.06 | |
| Total Fund Policy | -3.12 | 6.77 | 13.69 | 13.69 | 5.43 | 6.04 | 7.41 | 7.42 | |
| Total Fund Policy x Pvt Invest | -2.92 | 5.76 | 11.96 | 11.96 | 4.15 | 4.76 | 5.93 | 6.48 | |
| Total Domestic Equity (Net) | -3.44 | 11.13 | 20.58 | 20.58 | 9.39 | 8.67 | 10.80 | 11.06 | 09/01/2012 |
| Total Domestic Equity (Gross) | -3.35 | 11.30 | 20.77 | 20.77 | 9.54 | 8.82 | 10.98 | 11.28 | |
| Total Domestic Equity Policy | -3.25 | 12.39 | 20.46 | 20.46 | 9.38 | 9.14 | 11.58 | 12.31 | |
| Total International Equity (Net) | -5.04 | 6.22 | 23.67 | 23.67 | 3.32 | 2.71 | 5.10 | 5.92 | 09/01/2012 |
| Total International Equity (Gross) | -5.04 | 6.22 | 23.68 | 23.68 | 3.33 | 2.85 | 5.34 | 6.21 | |
| Total International Equity Policy | -3.68 | 5.82 | 21.02 | 21.02 | 4.24 | 3.07 | 5.31 | N/A | |
| Total Broad Market Fixed Income (Net) | -5.02 | -2.75 | -0.60 | -0.60 | -5.04 | -0.16 | N/A | -0.13 | 07/01/2018 |
| Total Broad Market Fixed Income (Gross) | -4.91 | -2.53 | -0.37 | -0.37 | -4.87 | 0.01 | N/A | 0.03 | |
| Total Fixed Income Policy | -3.23 | -1.21 | 0.64 | 0.64 | -5.21 | -0.22 | 0.17 | -0.13 | |
| Total Non-Core Fixed Income (Net) | 2.84 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 03/01/2023 |
| Total Non-Core Fixed Income (Gross) | 3.67 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Total Fixed Income Policy | -3.23 | -1.21 | 0.64 | 0.64 | -5.21 | -0.22 | 0.17 | -1.61 | |
| Total Global Macro (Net) | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 12/01/2020 |
| Total Global Macro (Gross) | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Total Global Macro Policy | -3.28 | 5.08 | 11.30 | 11.30 | 1.72 | 4.25 | 5.07 | 0.08 | |
| Total Alternative (Net) | -10.13 | 26.98 | 5.14 | 5.14 | N/A | N/A | N/A | -35.70 | 06/01/2021 |
| Total Alternative (Gross) | -9.95 | 27.69 | 5.90 | 5.90 | N/A | N/A | N/A | -35.21 | |
| Total Alternative Policy | -5.05 | 22.16 | 32.41 | 32.41 | 6.01 | 7.16 | 10.03 | -1.96 | |
| Total Real Estate (Net)* | -6.69 | -16.47 | -27.50 | -27.50 | -5.75 | -1.89 | 0.65 | 4.39 | 08/01/2013 |
| Total Real Estate (Gross) | -5.98 | -15.54 | -26.57 | -26.57 | -4.98 | -1.12 | 1.38 | 5.49 | |
| Total Real Estate Policy | -1.93 | -7.89 | -12.40 | -12.40 | 7.57 | 6.10 | 6.78 | 9.28 | |
| Total Private Equity (Net)* | -0.02 | -4.61 | -8.09 | -8.09 | 14.21 | 15.58 | 15.59 | 16.24 | 09/01/2012 |
| Total Private Equity (Gross) | 0.01 | -4.53 | -7.99 | -7.99 | 14.33 | 15.73 | 15.75 | 16.37 | |
| Total Private Equity Policy | -2.56 | 15.60 | 25.27 | 25.27 | 13.45 | 13.21 | 15.68 | 15.78 | |
| | | | | | | | | | |

^{*}Time weighted returns are for reference. Please refer to IRR calculations on the following pages.





| Comparative Performance | | | | | | | | | | | | | | | |
|--|-----------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------------|-------------------|
| | QTR | Y | TD | FY | TD | 1 Y | 'R | 3 ` | YR | 4 ` | YR | 5 ` | YR | Inception | Inception Date |
| Total Domestic Equity | | | | | | | | | | | | | | | |
| Vanguard Instl Index (Net) | -3.28 (56 | 13.04 | (35) | 21.58 | (40) | 21.58 | (40) | 10.12 | (25) | 11.36 | (27) | N/A | | 11.62 (25) | 09/01/2019 |
| S&P 500 Index | -3.27 (56 | 13.07 | (34) | 21.62 | (39) | 21.62 | (39) | 10.15 | (25) | 11.38 | (27) | 9.92 | (23) | 11.64 (25) | |
| IM U.S. Large Cap Core Equity (MF) Median | -3.17 | 11.65 | | 20.90 | | 20.90 | | 8.94 | | 10.43 | | 9.02 | | 10.64 | |
| Geneva Mid Cap Growth Equity (Net) | -4.58 (32 | 8.48 | (66) | 15.40 | (56) | 15.40 | (56) | 4.61 | (28) | 7.81 | (61) | 7.20 | (59) | 9.52 (67) | 08/01/2005 |
| Geneva Mid Cap Growth Equity (Gross) | -4.29 (25 | 9.12 | (51) | 16.07 | (49) | 16.07 | (49) | 5.12 | (19) | 8.24 | (55) | 7.69 | (50) | N/A | |
| Russell Midcap Growth Index | -5.22 (46 | 9.88 | (37) | 17.47 | (28) | 17.47 | (28) | 2.61 | (46) | 7.42 | (64) | 6.97 | (60) | 9.11 (75) | |
| IM U.S. Mid Cap Growth Equity (SA+CF) Median | -5.57 | 9.15 | | 16.00 | | 16.00 | | 2.20 | | 8.45 | | 7.66 | | 10.09 | |
| Cooke & Bieler Mid Cap Value Equity | -2.80 (32 | 7.22 | (17) | 21.63 | (15) | 21.63 | (15) | 12.30 | (71) | 6.87 | (70) | 6.83 | (42) | 7.12 (37) | 08/01/2018 |
| Russell Midcap Value Index | -4.46 (84 | 0.54 | (71) | 11.05 | (85) | 11.05 | (85) | 10.98 | (82) | 6.10 | (83) | 5.18 | (83) | 5.13 (80) | |
| IM U.S. Mid Cap Value Equity (SA+CF) Median | -3.55 | 3.52 | | 15.45 | | 15.45 | | 14.25 | | 7.91 | | 6.45 | | 6.47 | |
| otal Developed Country Equity | | | | | | | | | | | | | | | |
| Pear Tree Polaris Foreign Value (QFVRX) (Net) | -2.15 (52 | 7.84 | (61) | 26.94 | (66) | 26.94 | (66) | 7.55 | (70) | N/A | | N/A | | 5.82 (73) | 09/01/2020 |
| MSCI EAFE (Net) Index | -4.11 (79 | 7.08 | (71) | 25.65 | (75) | 25.65 | (75) | 5.75 | (86) | 4.41 | (64) | 3.24 | (34) | 4.70 (84) | |
| MSCI EAFE Value Index (Net) | 0.59 (10 | 9.92 | (32) | 31.51 | (34) | 31.51 | (34) | 11.11 | (26) | 4.84 | (51) | 2.81 | (48) | 9.12 (30) | |
| IM International Value Equity (MF) Median | -2.09 | 8.70 | | 28.68 | | 28.68 | | 9.11 | | 4.93 | | 2.68 | | 7.63 | |
| Fidelity International Index (FSPSX) (Net) | -4.68 (53 | 6.82 | (27) | 26.29 | (18) | 26.29 | (18) | 5.64 | (26) | N/A | | N/A | | 4.72 (26) | 09/01/2020 |
| MSCI EAFE Index (Net) | -4.11 (43 | 7.08 | (25) | 25.65 | (21) | 25.65 | (21) | 5.75 | (26) | 4.41 | (32) | 3.24 | (29) | 4.70 (26) | |
| IM International Equity (MF) Median | -4.52 | 4.64 | | 19.12 | | 19.12 | | 2.06 | | 3.37 | | 2.26 | | 1.53 | |
| MFS International Growth R6 (MGRDX) (Net) | -7.80 (66 | 3.69 | (64) | 18.46 | (56) | 18.46 | (56) | 2.47 | (28) | 5.05 | (27) | 4.64 | (26) | 4.85 (23) | 07/01/2018 |
| MSCI AC World ex USA (Net) | -3.77 (4) | 5.34 | (26) | 20.39 | (41) | 20.39 | (41) | 3.74 | (14) | 3.55 | (63) | 2.58 | (72) | 2.59 (68) | |
| MSCI AC World ex USA Growth (Net) | -7.31 (55 | 2.61 | (77) | 15.84 | (85) | 15.84 | (85) | -1.86 | (79) | 2.67 | (79) | 2.54 | (73) | 2.37 (75) | |
| IM International Large Cap Growth Equity (MF) Median | -7.10 | 4.42 | | 18.88 | | 18.88 | | 0.89 | | 3.93 | | 3.23 | | 3.10 | |
| VCM Focused International Growth (WCMIX) (Net) | -8.97 (79 | 4.27 | (55) | 18.21 | (60) | 18.21 | (60) | 0.46 | (58) | 6.01 | (18) | 6.42 | (7) | 6.71 (5) | 07/01/2018 |
| MSCI AC World ex USA (Net) | -3.77 (4) | 5.34 | (26) | 20.39 | (41) | 20.39 | (41) | 3.74 | (14) | 3.55 | (63) | 2.58 | (72) | 2.59 (68) | |
| MSCI AC World ex USA Growth (Net) | -7.31 (55 | 2.61 | (77) | 15.84 | (85) | 15.84 | (85) | -1.86 | (79) | 2.67 | (79) | 2.54 | (73) | 2.37 (75) | |
| IM International Large Cap Growth Equity (MF) Median | -7.10 | 4.42 | | 18.88 | | 18.88 | | 0.89 | | 3.93 | | 3.23 | | 3.10 | |
| otal Emerging Markets Equity | | | | | | | | | | | | | | | |
| Allspring Emerging Markets (Net) | -5.85 (92 | -1.01 | (85) | 9.96 | (78) | 9.96 | (78) | -5.08 | (85) | -0.28 | (89) | 0.38 | (89) | 1.83 (95) | 10/01/2013 |
| Allspring Emerging Markets (Gross) | -5.71 (92 | -0.55 | (83) | 10.66 | (73) | 10.66 | (73) | -4.48 | (82) | 0.34 | (85) | 1.01 | (78) | 2.47 (80) | |
| MSCI Emerging Markets (Net) Index | -2.93 (50 | 1.82 | (68) | 11.70 | (66) | 11.70 | (66) | -1.73 | (63) | 1.21 | (72) | 0.55 | (84) | 2.07 (90) | |
| IM Emerging Markets Equity (SA+CF) Median | -2.96 | 4.63 | | 14.89 | | 14.89 | | -0.16 | | 2.95 | | 2.60 | | 3.47 | |





| As of | Septemb | er 30 | 2023 |
|-------|---------|-------|------|

| | QTR | Y | TD | FY | TD | 1 Y | ′R | 3 \ | /R | 4 ` | /R | 5 ` | YR | Incep | tion | Inception Date |
|---|------------|----------|-------|--------|------|--------|------|-------|------|-------|------|-------|------|--------|-------|-------------------|
| Total Broad Market Fixed Income | | | | | | | | | | | | | | | | |
| Garcia Hamilton Fixed Income Agg. | -4.91 (10 | 0) -2.53 | (100) | -0.37 | (97) | -0.37 | (97) | -4.87 | (55) | -2.00 | (68) | -0.01 | (97) | 0.01 | (98) | 08/01/2018 |
| Blmbg. U.S. Aggregate Index | -3.23 (71 |) -1.21 | (83) | 0.64 | (73) | 0.64 | (73) | -5.21 | (86) | -2.30 | (95) | 0.10 | (95) | 0.10 | (95) | |
| IM U.S. Broad Market Core Fixed Income (SA+CF) Median | -3.14 | -0.81 | | 1.06 | | 1.06 | | -4.84 | | -1.80 | | 0.54 | | 0.53 | | |
| Total Non-Core Fixed Income | | | | | | | | | | | | | | | | |
| Serenitas Credit Gamma (Net) | 2.84 | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | 03/01/2023 |
| Blmbg. U.S. Aggregate Index | -3.23 | -1.21 | | 0.64 | | 0.64 | | -5.21 | | -2.30 | | 0.10 | | -1.61 | | |
| Total Alternative | | | | | | | | | | | | | | | | |
| Ark Innovation (ARKK) (Net) | -10.13 (97 |) 26.98 | (5) | 5.14 | (89) | 5.14 | (89) | N/A | | N/A | | N/A | | -35.70 | (100) | 06/01/2021 |
| MSCI ACWI IMI Disruptive Technology Index (Net) | -5.05 (73 | 22.16 | (9) | 32.41 | (4) | 32.41 | (4) | 4.67 | (71) | 11.37 | (15) | 9.60 | (13) | -1.96 | (52) | |
| IM U.S. Equity (MF) Median | -3.67 | 5.25 | | 15.07 | | 15.07 | | 8.34 | | 7.62 | | 6.08 | | -1.79 | | |
| Total Real Estate | | | | | | | | | | | | | | | | |
| JP Morgan Strategic Property (Net) | -3.35 (60 |) -8.20 | (59) | -12.99 | (55) | -12.99 | (55) | 4.91 | (75) | 3.86 | (76) | 3.67 | (92) | 4.46 | (N/A) | 03/01/2017 |
| JP Morgan Strategic Property (Gross) | -3.11 (54 | -7.49 | (42) | -12.09 | (35) | -12.09 | (35) | 6.02 | (67) | 4.94 | (60) | 4.73 | (73) | 5.47 | (N/A) | |
| NCREIF Fund Index-ODCE (VW) | -1.90 (29 | 7.55 | (47) | -12.14 | (36) | -12.14 | (36) | 7.13 | (35) | 5.67 | (39) | 5.65 | (57) | 6.44 | (N/A) | |
| IM U.S. Open End Private Real Estate (SA+CF) Median | -3.09 | -7.88 | • | -12.83 | | -12.83 | | 6.81 | | 5.36 | . , | 5.72 | | N/A | | |

Annualized Cash Yield: 4.99% (9/30/2023)



Town of Palm Beach Retirement System Pension Comparative Performance - IRR

As of September 30, 2023

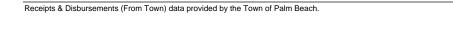
| Comparative Performance - IRR | | | | | | | | |
|--|------------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|-------------------|
| | 1 Quarter Ending Jun-2023 | 1 Year Ending Jun-2023 | 2 Years Ending Jun-2023 | 3 Years Ending Jun-2023 | 4 Years Ending Jun-2023 | 5 Years Ending Jun-2023 | Since Inception Ending Jun-2023 | Inception Date |
| Total Real Estate | -6.47 | -23.47 | -6.78 | -2.12 | -0.70 | 1.47 | 148.78 | 09/07/2017 |
| ICM/PME (DJ US Select RE Securities Idx) | 2.91 | -1.11 | -3.26 | 11.67 | 1.90 | 3.84 | 129.37 | |
| Green Cities Company III | -22.60 | -42.91 | -22.99 | -15.63 | -11.35 | -7.07 | -3.39 | 03/03/2016 |
| ICM/PME (DJ US Select RE Securities Idx) | 2.97 | -0.73 | -2.19 | 10.84 | 2.79 | 4.22 | 4.43 | |
| Long Wharf Real Estate Partners Fund V | -0.94 | -4.01 | 5.60 | 6.95 | 5.49 | 7.65 | 7.84 | 11/20/2015 |
| ICM/PME (DJ US Select RE Securities Idx) | 2.96 | -0.66 | -2.78 | 12.07 | 2.06 | 4.20 | 4.99 | |
| Westport Real Estate Fund IV | -9.05 | -37.12 | -22.78 | -9.26 | -4.29 | -0.26 | 4.06 | 03/24/2014 |
| ICM/PME (DJ US Select RE Securities Idx) | 2.96 | -1.92 | -3.33 | 12.55 | 1.32 | 3.74 | 4.69 | |



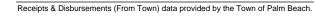
| Comparative Performance - IRR | | | | | | | | |
|--|------------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|-------------------|
| | 1 Quarter Ending Jun-2023 | 1 Year Ending Jun-2023 | 2 Years Ending Jun-2023 | 3 Years Ending Jun-2023 | 4 Years Ending Jun-2023 | 5 Years Ending Jun-2023 | Since Inception Ending Jun-2023 | Inception Date |
| Total Private Equity | -3.14 | -13.46 | 1.12 | 25.14 | 20.00 | 19.18 | 19.53 | 09/14/2012 |
| ICM/PME (S&P 500 Index) | 8.74 | 19.09 | 3.16 | 17.77 | 14.50 | 13.51 | 12.69 | 03/1-4/2012 |
| ICM/PME (Russell 3000 Index) | 8.39 | 18.48 | 0.86 | 17.46 | 13.99 | 12.75 | 12.26 | |
| Ares Landmark Equity Partners XIV LP | -3.72 | -3.67 | 1.93 | 12.45 | 6.67 | 4.73 | 9.50 | 11/12/2009 |
| ICM/PME (S&P 500 Index) | 8.65 | 19.77 | 4.07 | 19.72 | 15.12 | 13.21 | 14.24 | 11712200 |
| ICM/PME (Russell 3000 Index) | 8.30 | 19.27 | 1.52 | 19.49 | 14.55 | 12.34 | 14.06 | |
| Private Equity Investment Fund V | -0.72 | -5.08 | -4.50 | -3.57 | -2.24 | 0.85 | -1.74 | 01/21/2010 |
| ICM/PME (S&P 500 Index) | 8.74 | 19.59 | 3.39 | 14.60 | 12.77 | 12.30 | 13.26 | 0.72.1120.10 |
| ICM/PME (Russell 3000 Index) | 8.39 | 18.95 | 1.22 | 13.89 | 11.99 | 11.38 | 12.88 | |
| HarbourVest Partners IX [Consolidated] | 1.73 | -2.97 | 2.22 | 28.92 | 23.83 | 23.38 | 20.16 | 07/29/2013 |
| ICM/PME (S&P 500 Index) | 8.74 | 18.37 | 2.77 | 18.85 | 14.98 | 13.76 | 12.97 | |
| ICM/PME (Russell 3000 Index) | 8.39 | 17.81 | 0.44 | 18.73 | 14.60 | 13.10 | 12.67 | |
| Pomona Capital VIII | -20.67 | -21.51 | -16.87 | 17.45 | 11.13 | 9.91 | 19.65 | 03/25/2014 |
| ICM/PME (S&P 500 Index) | 8.74 | 19.32 | 3.60 | 19.99 | 15.35 | 14.52 | 10.32 | 00/20/2014 |
| ICM/PME (Russell 3000 Index) | 8.39 | 18.69 | 1.26 | 19.91 | 14.93 | 13.63 | 9.39 | |
| JPMorgan Venture Capital Fund V | -6.42 | -22.58 | 2.23 | 24.28 | 18.46 | 16.94 | 14.77 | 07/31/2015 |
| ICM/PME (S&P 500 Index) | 8.74 | 19.66 | 3.52 | 16.49 | 13.97 | 13.16 | 12.87 | |
| ICM/PME (Russell 3000 Index) | 8.39 | 19.03 | 1.26 | 15.95 | 13.32 | 12.34 | 12.29 | |



| | Market Value | Net | Contributions | Distributions | Management | Other | Income | Apprec./ | Market Value |
|---|---------------------------|-------------|---------------|---------------|-----------------|--------------------|---------|-----------------------|---------------------------|
| Total Domestic Equity | 07/01/2023 104,765,988 | Transfers - | 93,115 | - | Fees -92,416 | Expenses -1,414 | 370,556 | Deprec. -3,880,077 | 09/30/2023 101,255,752 |
| Vanguard Insti Index (VINIX) | 79,074,524 | - - | - | | -92,410 | -1,-1 | 286,886 | -2,879,396 | 76,482,014 |
| Geneva Mid Cap Growth Equity | 13,243,355 | | 39,520 | _ | -39,520 | -745 | 20,922 | -589,094 | 12,674,439 |
| Cooke & Bieler Mid Cap Value Equity | 12,448,108 | - - | 53,596 | _ | -52,896 | -670 | 62,747 | -411,587 | 12,099,298 |
| Total Developed Country Equity | 46,433,351 | - | 33,330 | - | -32,030 | -070 | 02,7 47 | -2,339,562 | 44,093,789 |
| Pear Tree Polaris Foreign Value (QFVRX) | 17,911,353 | - | <u>-</u> | - - | <u>-</u> | - - | | -385,371 | 17,525,982 |
| Fidelity International Index (FSPSX) | 11,851,863 | _ | _ | _ | _ | _ | _ | -554,593 | 11,297,270 |
| MFS International Growth R6 (MGRDX) | 8,182,946 | _ | <u>-</u> | _ | _ | _ | _ | -638,314 | 7,544,632 |
| WCM Focused International Growth (WCMIX) | 8,487,190 | _ | <u>-</u> | _ | _ | _ | _ | -761,284 | 7,725,905 |
| Total Emerging Markets Equity | 9,339,869 | 14,586 | - | - | -14,586 | - | - | -532,960 | 8,806,909 |
| Allspring Emerging Markets | 9,339,869 | 14,586 | - | - | -14,586 | - | _ | -532,960 | 8,806,909 |
| Total Fixed Income | 51,407,965 | - | 50,712 | - | -116,071 | -2,410 | 343,813 | -2,160,314 | 49,523,696 |
| Garcia Hamilton Fixed Income Agg. | 43,124,173 | _ | 50,712 | _ | -48,302 | -2,410 | 343,813 | -2,463,269 | 41,004,717 |
| Serenitas Credit Gamma | 8,283,792 | _ | 30,7 12 | _ | -67,768 | -2,410 | - | 302,955 | 8,518,979 |
| Total Global Macro | 0,200,702 | - | _ | - | -07,700 | _ | - | 302,333 | 0,510,575 |
| BlackRock Multi-Asset Income Fund (BKMIX) | - | - | <u>-</u> | _ | <u>-</u> | - | - | - | _ |
| Total Alternative | 5,945,746 | - | - | - | - | - | - | -602,118 | 5,343,628 |
| Ark Innovation (ARKK) | 5,945,746 | - | - | - | - | <u>-</u> | - | -602,118 | 5,343,628 |
| Total Real Estate | 15,366,501 | -98,740 | - | - | -108,864 | - | 46,615 | -961,532 | 14,243,980 |
| Green Cities Company II | 98,705 | -98,710 | - | - | - | - | - | 5 | - |
| Green Cities Company III | 2,546,872 | - | - | _ | _ | _ | - | -606,823 | 1,940,049 |
| Long Wharf Real Estate Partners Fund V | 2,958,667 | - | = | _ | - | _ | _ | -36,652 | 2,922,015 |
| Westport Real Estate Fund IV | 1,695,458 | - | - | _ | -88,416 | _ | - | -21,290 | 1,585,752 |
| JP Morgan Strategic Property | 8,066,799 | -30 | = | _ | -20,448 | _ | 46,615 | -296,772 | 7,796,164 |
| Total Private Equity | 17,806,770 | -359,049 | - | - | -5,267 | - | | 1,745 | 17,444,199 |
| Ares Landmark Equity Partners XIV LP | 85,156 | -11,996 | - | - | - | - | - | 1,745 | 74,905 |
| Private Equity Investment Fund V | 519,658 | - | = | _ | - | _ | _ | , - | 519,658 |
| HarbourVest Partners IX [Consolidated] | 8,419,046 | -259,626 | = | _ | = | _ | - | - | 8,159,420 |
| Pomona Capital VIII | 584,344 | -92,694 | - | _ | - | - | - | - | 491,650 |
| JPMorgan Venture Capital Fund V | 8,198,566 | 5,267 | - | _ | -5,267 | - | - | - | 8,198,566 |
| Total Liquid Reserves | 10,267,655 | 463,057 | 10,990 | -1,000,000 | - | -10,990 | 127,658 | 2,114 | 9,860,485 |
| Liquid Reserves | 10,267,655 | 463,057 | 10,990 | -1,000,000 | - | -10,990 | 127,658 | 2,114 | 9,860,485 |
| Total Fund | 261,333,845 | 19,853 | 154,817 | -1,000,000 | -337,203 | -14,814 | 888,642 | -10,472,703 | 250,572,437 |
| Receipts & Disbursements (From Town) | - | -19,853 | 190,567 | -4,531,804 | - | -57,932 | - | 4,419,022 | - |
| Total Fund including Town Flows | 261,333,845 | - | 345,384 | -5,531,804 | -337,203 | -72,746 | 888,642 | -6,053,681 | 250,572,437 |



| | Market Value 10/01/2022 | Net Transfers | Contributions | Distributions | Management Fees | Other Expenses | Income | Apprec./ Deprec. | Market Value 09/30/2023 |
|---|----------------------------|------------------|---------------|---------------|--------------------|-------------------|-----------|---------------------|----------------------------|
| Total Domestic Equity | 90,718,775 | -7,852,932 | 148,560 | - | -161,968 | -6,074 | 2,525,896 | 15,883,495 | 101,255,752 |
| Vanguard Instl Index (VINIX) | 62,908,987 | - | - | - | - | - | 2,145,188 | 11,427,839 | 76,482,014 |
| Geneva Mid Cap Growth Equity | 10,919,781 | 18,767 | 59,234 | - | -76,027 | -2,719 | 78,151 | 1,677,251 | 12,674,439 |
| Cooke & Bieler Mid Cap Value Equity | 16,890,006 | -7,871,699 | 89,326 | - | -85,941 | -3,355 | 302,557 | 2,778,404 | 12,099,298 |
| Total Developed Country Equity | 35,887,607 | -276,270 | - | - | - | - | 1,402,530 | 7,079,922 | 44,093,789 |
| Pear Tree Polaris Foreign Value (QFVRX) | 13,806,392 | - | - | - | - | - | 620,642 | 3,098,948 | 17,525,982 |
| Fidelity International Index (FSPSX) | 9,176,464 | -276,270 | - | - | - | - | 557,674 | 1,839,401 | 11,297,270 |
| MFS International Growth R6 (MGRDX) | 6,368,890 | - | - | - | - | - | 216,438 | 959,303 | 7,544,632 |
| WCM Focused International Growth (WCMIX) | 6,535,861 | - | - | - | - | - | 7,775 | 1,182,270 | 7,725,905 |
| Total Emerging Markets Equity | 7,958,765 | 56,950 | - | - | -56,950 | - | - | 848,144 | 8,806,909 |
| Allspring Emerging Markets | 7,958,765 | 56,950 | - | - | -56,950 | - | - | 848,144 | 8,806,909 |
| Total Fixed Income | 41,156,489 | 8,024,945 | 81,901 | - | -266,498 | -9,504 | 1,450,143 | -913,779 | 49,523,696 |
| Garcia Hamilton Fixed Income Agg. | 41,156,489 | 24,945 | 81,901 | - | -97,342 | -9,504 | 1,450,143 | -1,601,915 | 41,004,717 |
| Serenitas Credit Gamma | - | 8,000,000 | - | - | -169,156 | - | - | 688,135 | 8,518,979 |
| Total Global Macro | 14,158,863 | -15,361,410 | - | - | - | - | 364,697 | 837,850 | - |
| BlackRock Multi-Asset Income Fund (BKMIX) | 14,158,863 | -15,361,410 | - | - | - | - | 364,697 | 837,850 | - |
| Total Alternative | 2,125,444 | 2,995,686 | - | - | - | - | - | 222,498 | 5,343,628 |
| Ark Innovation (ARKK) | 2,125,444 | 2,995,686 | - | - | - | - | - | 222,498 | 5,343,628 |
| Total Real Estate | 21,378,781 | -1,428,808 | - | - | -206,171 | - | 217,655 | -5,717,476 | 14,243,980 |
| Green Cities Company II | 2,508,194 | -1,504,323 | - | - | - | - | - | -1,003,871 | - |
| Green Cities Company III | 4,326,007 | 75,620 | - | - | - | - | - | -2,461,578 | 1,940,049 |
| Long Wharf Real Estate Partners Fund V | 3,094,899 | - | = | = | - | - | - | -172,884 | 2,922,015 |
| Westport Real Estate Fund IV | 2,489,702 | - | - | - | -119,349 | - | - | -784,602 | 1,585,752 |
| JP Morgan Strategic Property | 8,959,979 | -105 | - | - | -86,822 | - | 217,655 | -1,294,542 | 7,796,164 |
| Total Private Equity | 20,188,343 | -1,142,074 | - | - | -20,934 | -1,166 | - | -1,579,970 | 17,444,199 |
| Ares Landmark Equity Partners XIV LP | 104,257 | -30,410 | - | - | - | - | - | 1,058 | 74,905 |
| Private Equity Investment Fund V | 525,567 | - | - | - | - | - | - | -5,909 | 519,658 |
| HarbourVest Partners IX [Consolidated] | 9,243,912 | -1,005,997 | - | - | - | - | - | -78,495 | 8,159,420 |
| Pomona Capital VIII | 759,867 | -126,601 | - | - | - | -1,166 | - | -140,450 | 491,650 |
| JPMorgan Venture Capital Fund V | 9,554,740 | 20,934 | - | - | -20,934 | - | - | -1,356,174 | 8,198,566 |
| Total Liquid Reserves | 1,296,024 | 9,105,513 | 11,919,324 | -13,000,000 | -9,589 | -29,638 | 495,665 | 83,184 | 9,860,485 |
| Liquid Reserves | 1,296,024 | 9,105,513 | 11,919,324 | -13,000,000 | -9,589 | -29,638 | 495,665 | 83,184 | 9,860,485 |
| Total Fund | 234,869,090 | -5,878,399 | 12,149,785 | -13,000,000 | -722,110 | -46,382 | 6,456,586 | 16,743,868 | 250,572,437 |
| Receipts & Disbursements (From Town) | - | 5,878,400 | -5,680,977 | -11,418,138 | 36,462 | -166,038 | - | 11,350,290 | - |
| Total Fund including Town Flows | 234,869,090 | 1 | 6,468,808 | -24,418,138 | -685,648 | -212,419 | 6,456,586 | 28,094,158 | 250,572,437 |

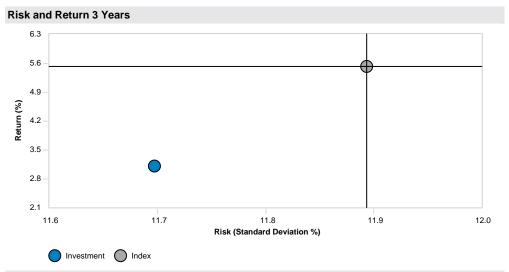


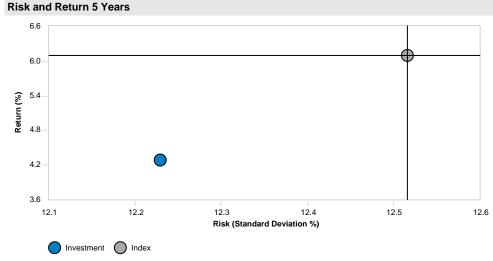


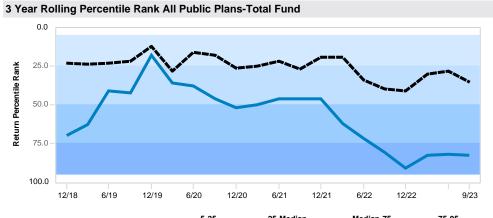
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|--------------------------|--|
| As of September 30, 2023 | |

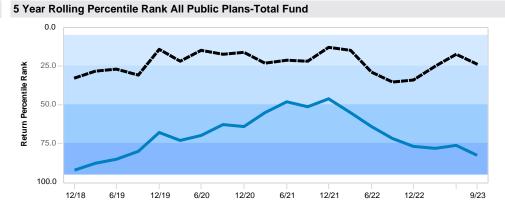
| Historical Statistics 3 Years | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | |
| Investment | 3.10 | 11.70 | 0.18 | 92.28 | 8 | 105.28 | 4 | | |
| Index | 5.52 | 11.89 | 0.37 | 100.00 | 8 | 100.00 | 4 | | |

| Historical Statistics 5 Years | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | |
| Investment | 4.29 | 12.23 | 0.26 | 93.14 | 14 | 101.86 | 6 | | |
| Index | 6.09 | 12.52 | 0.40 | 100.00 | 14 | 100.00 | 6 | | |









| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------|--------------|---------------|--------------------|--------------------|----------------|
| Investment | 20 | 1 (5%) | 9 (45%) | 5 (25%) | 5 (25%) |
| Index | 20 | 11 (55%) | 9 (45%) | 0 (0%) | 0 (0%) |

| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count | |
|------------|--------------|---------------|--------------------|--------------------|----------------|--|
| Investment | 20 | 0 (0%) | 2 (10%) | 10 (50%) | 8 (40%) | |
| Index | 20 | 13 (65%) | 7 (35%) | 0 (0%) | 0 (0%) | |







Domestic Equity

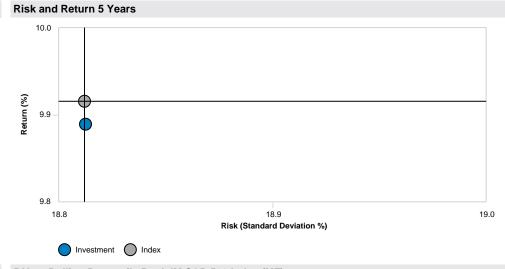


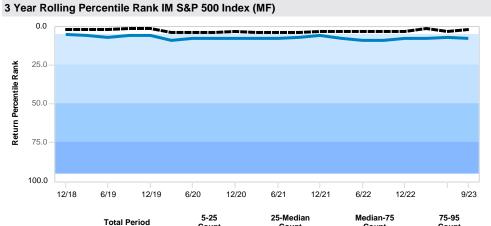
As of September 30, 2023

| Historical Stati | stics 3 Years | | | | | | |
|------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 10.12 | 17.60 | 0.54 | 99.95 | 8 | 100.06 | 4 |
| Index | 10.15 | 17.60 | 0.54 | 100.00 | 8 | 100.00 | 4 |

| Historical Statistics 5 Years | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | |
| Investment | 9.89 | 18.81 | 0.51 | 99.96 | 14 | 100.05 | 6 | | |
| Index | 9.92 | 18.81 | 0.51 | 100.00 | 14 | 100.00 | 6 | | |







Count

0 (0%)

0 (0%)

Count

0 (0%)

0 (0%)

Count

0 (0%)

0 (0%)

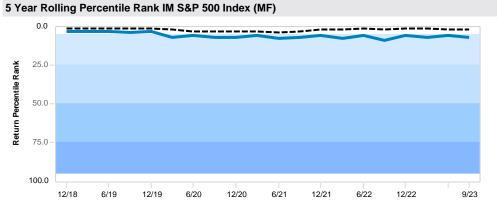
Count

20 (100%)

20 (100%)

20

20

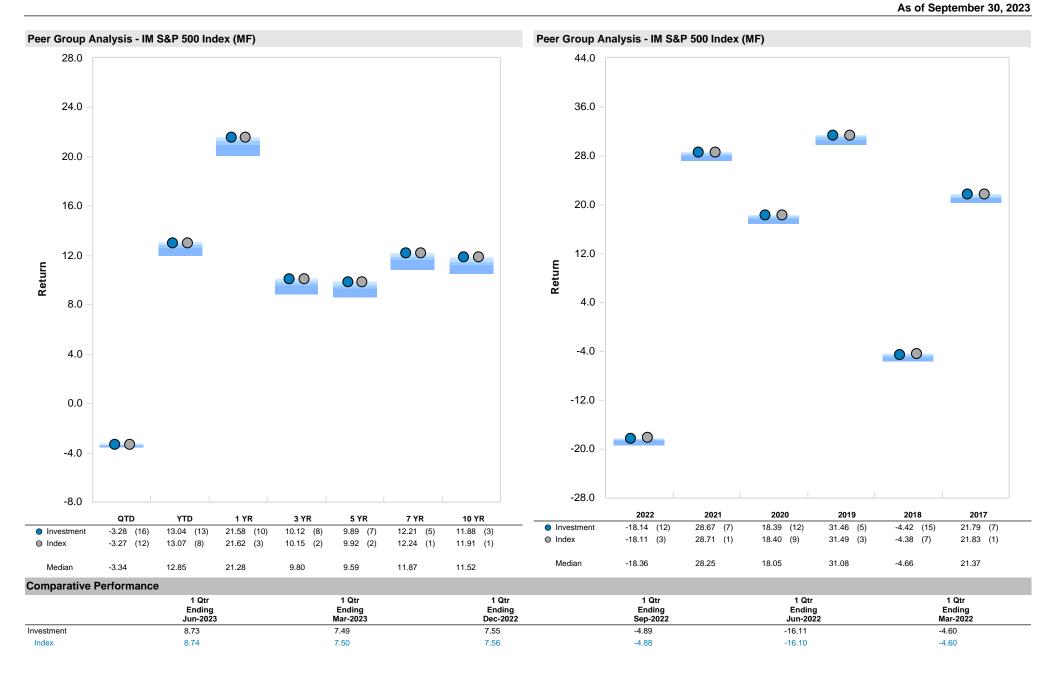


| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------|--------------|---------------|--------------------|--------------------|----------------|
| Investment | 20 | 20 (100%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Index | 20 | 20 (100%) | 0 (0%) | 0 (0%) | 0 (0%) |



Investment

__ Index





| Portfolio Characteristics (Benchmark: S&P 500 Index (Net)) | | | | | | | |
|--|-----------------|-----------------|--|--|--|--|--|
| Portfolio Benchmark | | | | | | | |
| Wtd. Avg. Mkt. Cap (\$) | 623,133,376,337 | 622,871,009,324 | | | | | |
| Median Mkt. Cap (\$) | 30,561,390,000 | 30,357,883,340 | | | | | |
| Price/Earnings ratio | 21.85 | 21.85 | | | | | |
| Price/Book ratio | 4.28 | 4.27 | | | | | |
| 5 Yr. EPS Growth Rate (%) | 18.26 | 18.25 | | | | | |
| Current Yield (%) | 1.65 | 1.65 | | | | | |
| Beta (3 Years, Monthly) | 1.00 | 1.00 | | | | | |
| Number of Stocks | 503 | 503 | | | | | |

| Top Ten Equity Holdings (Benchmark: S&P 500 Index (Net)) | | | | | | | |
|--|--------------|--------------|-----------|----------|--|--|--|
| | Portfolio Wt | Benchmark Wt | Active Wt | Qtr Rtrn | | | |
| Apple Inc | 7.00 | 7.00 | 0.00 | -11.61 | | | |
| Microsoft Corp | 6.53 | 6.53 | 0.00 | -7.08 | | | |
| Amazon.com Inc | 3.21 | 3.21 | 0.00 | -2.49 | | | |
| NVIDIA Corporation | 2.99 | 2.99 | 0.00 | 2.84 | | | |
| Alphabet Inc | 2.16 | 2.16 | 0.00 | 9.32 | | | |
| Tesla Inc | 1.92 | 1.92 | 0.00 | -4.41 | | | |
| Meta Platforms Inc | 1.86 | 1.86 | 0.00 | 4.61 | | | |
| Alphabet Inc | 1.85 | 1.85 | 0.00 | 8.99 | | | |
| Berkshire Hathaway Inc | 1.78 | 1.78 | 0.00 | 2.73 | | | |
| Exxon Mobil Corp | 1.31 | 1.31 | 0.00 | 10.55 | | | |

| Ten Best Performers (Benchmark: S&P 500 Index (Net)) | | | | | | | |
|--|--------------|--------------|------------------|----------------|--|--|--|
| | Portfolio Wt | Benchmark Wt | Active Wt | Quarterly Rtrn | | | |
| Zions Bancorporation | 0.01 | 0.01 | 0.00 | 31.43 | | | |
| Marathon Petroleum Corp | 0.17 | 0.17 | 0.00 | 30.48 | | | |
| Phillips 66 | 0.15 | 0.15 | 0.00 | 27.13 | | | |
| CF Industries Holdings Inc | 0.05 | 0.05 | 0.00 | 24.14 | | | |
| WestRock Company | 0.03 | 0.03 | 0.00 | 24.14 | | | |
| Halliburton Co | 0.10 | 0.10 | 0.00 | 23.25 | | | |
| Amgen Inc | 0.40 | 0.40 | 0.00 | 22.03 | | | |
| Valero Energy Corp | 0.14 | 0.14 | 0.00 | 21.79 | | | |
| APA Corporation | 0.04 | 0.04 | 0.00 | 21.07 | | | |
| Western Digital Corp | 0.04 | 0.04 | 0.00 | 20.30 | | | |

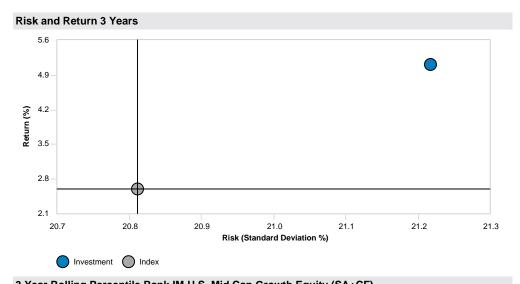
| Ten Worst Performers (Benchmark: S&P 500 Index (Net)) | | | | | | | | |
|---|--------------|--------------|------------------|----------------|--|--|--|--|
| | Portfolio Wt | Benchmark Wt | Active Wt | Quarterly Rtrn | | | | |
| SolarEdge Technologies Inc | 0.02 | 0.02 | 0.00 | -51.86 | | | | |
| Insulet Corporation | 0.03 | 0.03 | 0.00 | -44.69 | | | | |
| Dollar General Corporation | 0.06 | 0.06 | 0.00 | -37.47 | | | | |
| FMC Corp. | 0.02 | 0.02 | 0.00 | -35.25 | | | | |
| Resmed Inc | 0.06 | 0.06 | 0.00 | -32.14 | | | | |
| Tapestry Inc | 0.02 | 0.02 | 0.00 | -32.09 | | | | |
| Alaska Air Group Inc | 0.01 | 0.01 | 0.00 | -30.27 | | | | |
| American Airlines Group Inc | 0.02 | 0.02 | 0.00 | -28.60 | | | | |
| Enphase Energy Inc | 0.05 | 0.05 | 0.00 | -28.26 | | | | |
| DexCom Inc | 0.10 | 0.10 | 0.00 | -27.40 | | | | |
| | | | | | | | | |

| Buy and Hold Sector Attribution (Benchmark: S&P 500 Index (Net)) | | | | | | | Portfolio Comparison | | | |
|--|-----------|-----------|-----------|-----------|-------|-------------|----------------------|-------------------------|---------------------|---------------------|
| | Allo | cation | Perfor | mance | | Attribution | | ١ | anguard Instl Index | S&P 500 Index (Net) |
| | Portfolio | Benchmark | Portfolio | Benchmark | Stock | Sector | Total | | (VINIX) | Sar Soo maex (Net) |
| Communication Services | 8.6 | 8.6 | 3.05 | 3.05 | 0.00 | 0.00 | 0.00 | Market Capitalization (| %) | |
| Consumer Discretionary | 10.6 | 10.6 | -4.82 | -4.82 | 0.00 | 0.00 | 0.00 | Greater than 25000M | 91.03 | 91.02 |
| Consumer Staples | 6.6 | 6.6 | -5.89 | -5.92 | 0.00 | 0.00 | 0.00 | 16000M To 25000M | 5.26 | 5.27 |
| Energy | 4.3 | 4.3 | 12.25 | 12.25 | 0.00 | 0.00 | 0.00 | 12000M To 16000M | 2.01 | 2.01 |
| Financials | 12.5 | 12.5 | -1.11 | -1.11 | 0.00 | 0.00 | 0.00 | 8000M To 12000M | 1.31 | 1.31 |
| Health Care | 13.2 | 13.2 | -2.66 | -2.66 | 0.00 | 0.00 | 0.00 | 5000M To 8000M | 0.32 | 0.32 |
| Industrials | 8.5 | 8.5 | -5.25 | -5.25 | 0.00 | 0.00 | 0.00 | 3000M To 5000M | 0.06 | 0.06 |
| Information Technology | 28.2 | 28.2 | -5.64 | -5.64 | 0.00 | 0.00 | 0.00 | | | |
| Materials | 2.5 | 2.5 | -4.75 | -4.75 | 0.00 | 0.00 | 0.00 | | | |
| Real Estate | 2.4 | 2.4 | -8.62 | -8.62 | 0.00 | 0.00 | 0.00 | | | |
| Utilities | 2.5 | 2.5 | -9.26 | -9.26 | 0.00 | 0.00 | 0.00 | | | |
| Total | 100.0 | 100.0 | -3.26 | -3.26 | 0.00 | 0.00 | 0.00 | | | |



| Historical Statistics 3 Years | | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | | |
| Investment | 5.12 | 21.22 | 0.26 | 105.54 | 9 | 96.90 | 3 | | | |
| Index | 2.61 | 20.81 | 0.15 | 100.00 | 6 | 100.00 | 6 | | | |

| Historical Statistics 5 Years | | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | | |
| Investment | 7.69 | 21.66 | 0.37 | 98.32 | 14 | 95.54 | 6 | | | |
| Index | 6.97 | 22.19 | 0.34 | 100.00 | 11 | 100.00 | 9 | | | |



Risk and Return 5 Years 7.8 7.6 % 7.4 7.2 7.0 6.8 22.1 21.5 21.6 21.7 21.8 21.9 22.0 22.2 22.3 Risk (Standard Deviation %) Investment Index



25-Median

Count

4 (20%)

2 (10%)

Median-75

Count

15 (75%)

17 (85%)

75-95

Count

0 (0%)

1 (5%)

5-25

Count

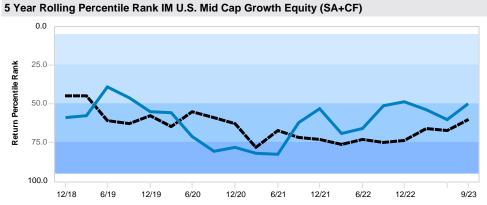
1 (5%)

0 (0%)

Total Period

20

20



| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count | |
|------------|--------------|---------------|--------------------|--------------------|----------------|--|
| Investment | 20 | 0 (0%) | 4 (20%) | 12 (60%) | 4 (20%) | |
| Index | 20 | 0 (0%) | 2 (10%) | 16 (80%) | 2 (10%) | |



Investment





| Portfolio Characteristics (Benchmark: Russell Midcap Growth Index) | | | | | | | |
|--|----------------|----------------|--|--|--|--|--|
| | Portfolio | Benchmark | | | | | |
| Wtd. Avg. Mkt. Cap (\$) | 31,407,440,763 | 24,051,013,833 | | | | | |
| Median Mkt. Cap (\$) | 19,564,457,495 | 10,600,778,010 | | | | | |
| Price/Earnings ratio | 34.63 | 25.26 | | | | | |
| Price/Book ratio | 5.33 | 7.52 | | | | | |
| 5 Yr. EPS Growth Rate (%) | 15.81 | 20.55 | | | | | |
| Current Yield (%) | 0.46 | 0.80 | | | | | |
| Beta (5 Years, Monthly) | 0.95 | 1.00 | | | | | |
| Number of Stocks | 52 | 335 | | | | | |

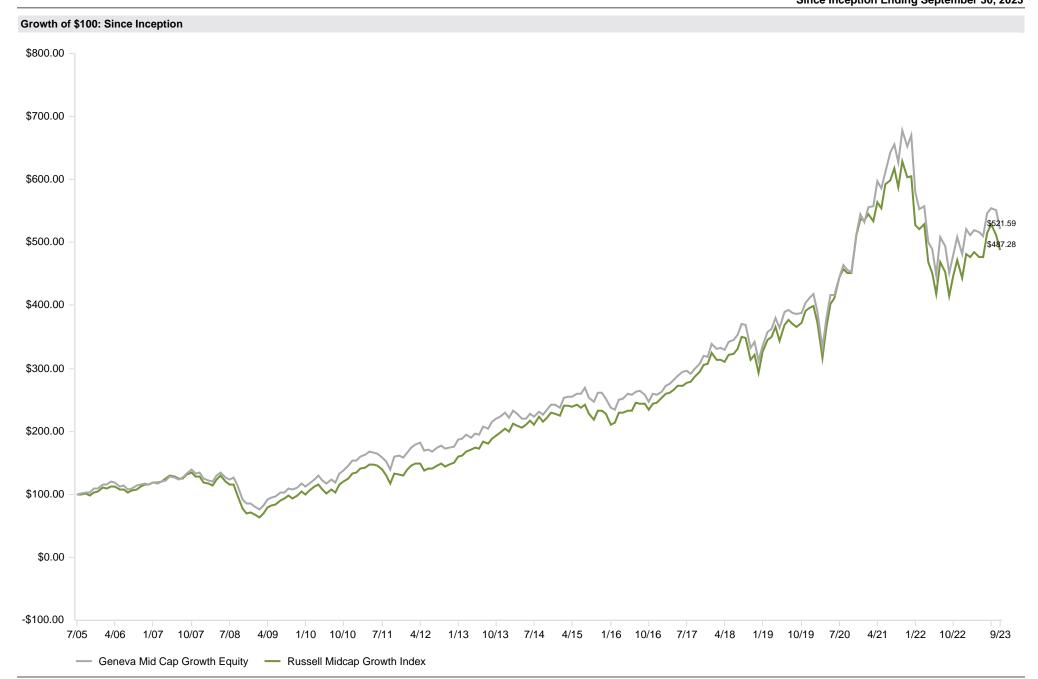
| Top Ten Equity Holdings (Benchmark: Russell Midcap Growth Index) | | | | | | | | |
|--|--------------|--------------|-----------|----------|--|--|--|--|
| | Portfolio Wt | Benchmark Wt | Active Wt | Qtr Rtrn | | | | |
| Copart Inc | 4.69 | 1.33 | 3.36 | -5.51 | | | | |
| O'Reilly Automotive Inc | 4.51 | 0.00 | 4.51 | -4.86 | | | | |
| Axon Enterprise Inc | 3.99 | 0.50 | 3.49 | 1.98 | | | | |
| VERISK ANALYTICS INC | 3.64 | 1.21 | 2.43 | 4.66 | | | | |
| Intuit Inc. | 3.57 | 0.00 | 3.57 | 11.71 | | | | |
| Amphenol Corp | 3.40 | 0.89 | 2.51 | -0.89 | | | | |
| Steris Plc | 3.17 | 0.00 | 3.17 | -2.24 | | | | |
| CoStar Group Inc | 3.17 | 0.48 | 2.69 | -13.61 | | | | |
| Gartner Inc | 3.14 | 0.95 | 2.19 | -1.91 | | | | |
| Tyler Technologies Inc | 3.00 | 0.44 | 2.56 | -7.28 | | | | |

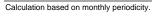
| Ten Best Performers (Benchmark: Russell Midcap Growth Index) | | | | | | | | |
|--|--------------|--------------|-----------|----------------|--|--|--|--|
| | Portfolio Wt | Benchmark Wt | Active Wt | Quarterly Rtrn | | | | |
| GLOBAL PAYMENTS INC | 1.73 | 0.00 | 1.73 | 17.36 | | | | |
| HealthEquity Inc | 0.44 | 0.00 | 0.44 | 15.70 | | | | |
| EPAM Systems Inc | 1.63 | 0.51 | 1.12 | 13.77 | | | | |
| Repligen Corp | 1.76 | 0.14 | 1.62 | 12.41 | | | | |
| Intuit Inc. | 3.57 | 0.00 | 3.57 | 11.71 | | | | |
| Broadridge Fin. Solutions | 2.35 | 0.63 | 1.72 | 8.56 | | | | |
| Ryan Specialty Holdings Inc | 1.64 | 0.16 | 1.48 | 7.82 | | | | |
| VERISK ANALYTICS INC | 3.64 | 1.21 | 2.43 | 4.66 | | | | |
| JB Hunt Transport | 0.60 | 0.11 | 0.49 | 4.35 | | | | |
| BlackLine Inc | 0.44 | 0.00 | 0.44 | 3.07 | | | | |

| Ten Worst Performers (Benchmark: Russell Midcap Growth Index) | | | | | | | | |
|---|--------------|--------------|-----------|----------------|--|--|--|--|
| | Portfolio Wt | Benchmark Wt | Active Wt | Quarterly Rtrn | | | | |
| ShockWave Medical Inc | 0.88 | 0.26 | 0.62 | -30.24 | | | | |
| Generac Holdings Inc | 0.31 | 0.00 | 0.31 | -26.94 | | | | |
| Cognex Corporation | 0.39 | 0.00 | 0.39 | -24.13 | | | | |
| Etsy Inc | 0.49 | 0.16 | 0.33 | -23.67 | | | | |
| Keysight Technologies Inc | 2.70 | 0.22 | 2.48 | -20.99 | | | | |
| Paycom Software Inc | 0.62 | 0.48 | 0.14 | -19.18 | | | | |
| Cooper Cos Inc (The) | 0.95 | 0.00 | 0.95 | -17.06 | | | | |
| Ulta Salon Cosmetics | 1.92 | 0.72 | 1.20 | -15.12 | | | | |
| Monolithic Power Systems Inc | 0.49 | 0.75 | -0.26 | -14.29 | | | | |
| Burlington Stores Inc | 1.52 | 0.31 | 1.21 | -14.04 | | | | |

| Buy and Hold Sector Attri | bution (Bench | mark: Russell Mi | idcap Growth I | ndex) | | | | Portfolio Comparison | | |
|----------------------------------|---------------|------------------|----------------|-----------|-------|-------------|-------|-------------------------|----------------|----------------|
| | Alloc | cation | Perfor | mance | | Attribution | | | Geneva Mid Cap | Russell Midcap |
| | Portfolio | Benchmark | Portfolio | Benchmark | Stock | Sector | Total | | Growth Equity | Growth Index |
| Communication Services | 0.0 | 4.3 | 0.00 | -8.63 | 0.00 | 0.14 | 0.14 | Market Capitalization (| %) | |
| Consumer Discretionary | 14.0 | 12.9 | -7.53 | -5.55 | -0.28 | -0.01 | -0.29 | Greater than 25000M | 44.90 | 44.06 |
| Consumer Staples | 2.3 | 3.0 | -7.48 | -8.26 | 0.02 | 0.03 | 0.05 | 16000M To 25000M | 23.10 | 22.95 |
| Energy | 0.0 | 3.9 | 0.00 | 15.25 | 0.00 | -0.75 | -0.75 | 12000M To 16000M | 16.17 | 10.20 |
| Financials | 9.3 | 10.0 | 0.03 | 2.51 | -0.21 | -0.05 | -0.26 | 8000M To 12000M | 5.73 | 11.98 |
| Health Care | 11.6 | 21.2 | -7.12 | -12.64 | 0.63 | 0.77 | 1.40 | 5000M To 8000M | 4.71 | 7.57 |
| Industrials | 28.9 | 19.6 | -2.77 | -4.93 | 0.59 | 0.01 | 0.60 | 3000M To 5000M | 0.69 | 2.45 |
| Information Technology | 30.2 | 21.9 | -3.23 | -3.13 | -0.05 | 0.19 | 0.13 | 1000M To 3000M | 0.00 | 0.78 |
| Materials | 0.0 | 1.3 | 0.00 | -9.84 | 0.00 | 0.06 | 0.06 | 200M To 500M | 0.00 | 0.01 |
| Real Estate | 2.3 | 1.5 | -8.43 | -5.54 | 0.02 | -0.02 | -0.01 | Cash | 4.70 | 0.00 |
| Utilities | 0.0 | 0.4 | 0.00 | -12.55 | 0.00 | 0.03 | 0.03 | | | |
| Cash | 1.4 | 0.0 | 1.31 | 0.00 | 0.00 | -0.10 | -0.10 | | | |
| Total | 100.0 | 100.0 | -4.20 | -5.22 | 0.73 | 0.30 | 1.02 | | | |



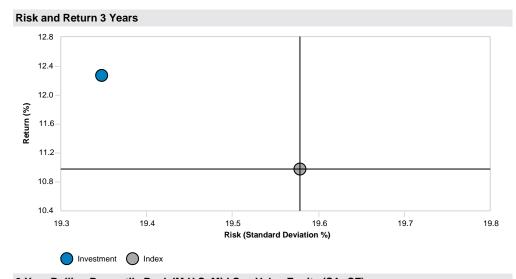


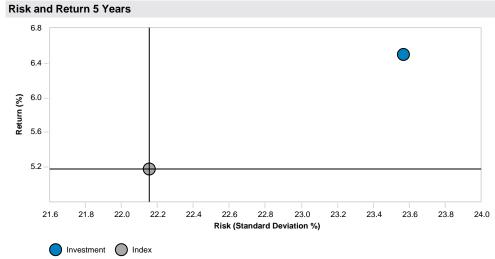


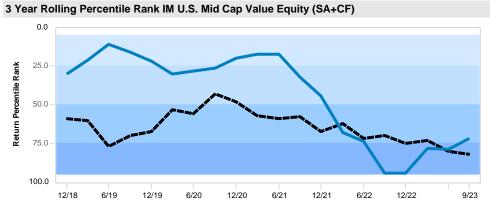


| Historical Statistics 3 Years | | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | | |
| Investment | 12.28 | 19.35 | 0.61 | 97.73 | 7 | 91.57 | 5 | | | |
| Index | 10.98 | 19.58 | 0.54 | 100.00 | 7 | 100.00 | 5 | | | |

| Historical Stati | Historical Statistics 5 Years | | | | | | | | | | |
|-------------------------|-------------------------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | | | |
| Investment | 6.50 | 23.57 | 0.32 | 105.81 | 13 | 101.41 | 7 | | | | |
| Index | 5.18 | 22.15 | 0.26 | 100.00 | 13 | 100.00 | 7 | | | | |





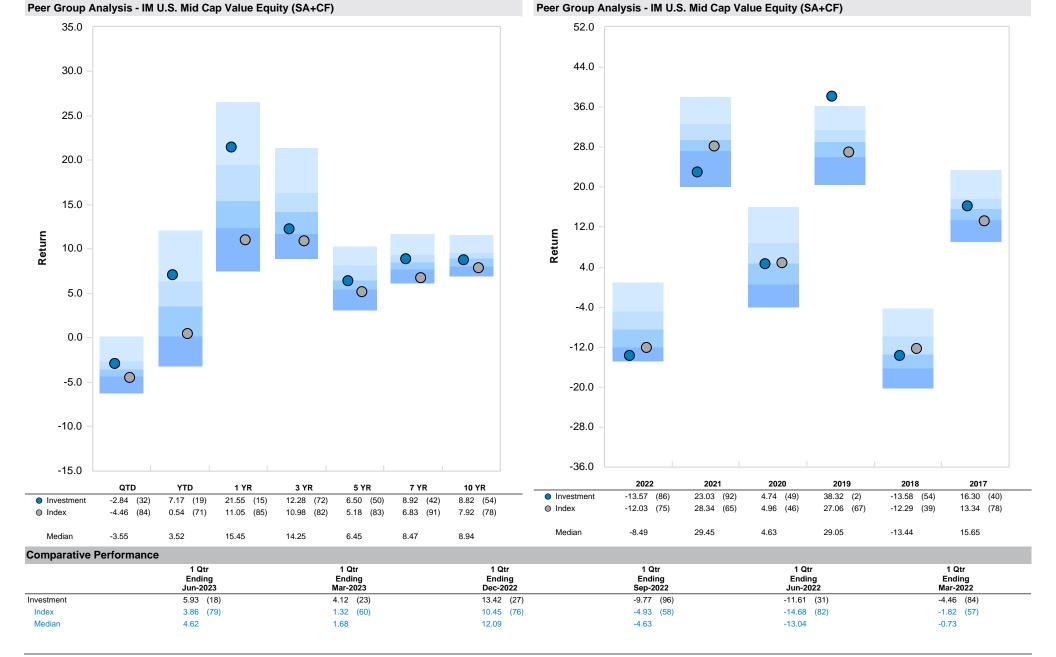


| 5 Y | ear Ro | lling Pe | rcentile | Rank IM | U.S. Mi | d Cap Va | lue Equi | ty (SA+C | F) | | |
|------------------------|-------------------|----------|----------|----------|---------|----------|----------|----------|------|-------|------|
| ntile Rank | 25.0 | | | ^ | | <u> </u> | _ | | | | |
| Return Percentile Rank | 50.0 - | j. | | \/ | | | ~ | | | | |
| | 100.0 | 12/18 | 6/19 | 12/19 | 6/20 | 12/20 | 6/21 | 12/21 | 6/22 | 12/22 | 9/23 |

| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------|--------------|---------------|--------------------|--------------------|----------------|
| Investment | 20 | 7 (35%) | 6 (30%) | 3 (15%) | 4 (20%) |
| Index | 20 | 0 (0%) | 2 (10%) | 15 (75%) | 3 (15%) |

| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count | |
|------------|--------------|---------------|--------------------|--------------------|----------------|--|
| Investment | 20 | 11 (55%) | 3 (15%) | 5 (25%) | 1 (5%) | |
| Index | 20 | 0 (0%) | 1 (5%) | 14 (70%) | 5 (25%) | |







| | Portfolio | Benchmark |
|---------------------------|----------------|----------------|
| Wtd. Avg. Mkt. Cap (\$) | 13,352,363,523 | 20,505,146,013 |
| Median Mkt. Cap (\$) | 10,601,835,020 | 9,062,711,360 |
| Price/Earnings ratio | 14.84 | 15.02 |
| Price/Book ratio | 2.30 | 2.30 |
| 5 Yr. EPS Growth Rate (%) | 6.56 | 11.13 |
| Current Yield (%) | 1.94 | 2.23 |
| Beta (5 Years, Monthly) | 1.03 | 1.00 |
| Number of Stocks | 51 | 699 |

| Top Ten Equity Holdings (| Benchmark: Ru | ssell Midcap Value | Index) | |
|-----------------------------|---------------|--------------------|-----------|----------|
| | Portfolio Wt | Benchmark Wt | Active Wt | Qtr Rtrn |
| AerCap Holdings NV | 3.83 | 0.00 | 3.83 | -1.34 |
| Helen of Troy Ltd | 3.09 | 0.00 | 3.09 | 7.91 |
| Gentex Corporation | 3.02 | 0.11 | 2.91 | 11.66 |
| Open Text Corp | 2.62 | 0.00 | 2.62 | -14.99 |
| State Street Corporation | 2.60 | 0.32 | 2.28 | -7.56 |
| Globe Life Inc | 2.60 | 0.14 | 2.46 | -0.61 |
| Fidelity Nat. Financial Inc | 2.59 | 0.16 | 2.43 | 15.94 |
| Woodward Inc | 2.48 | 0.11 | 2.37 | 4.68 |
| Omnicom Group Inc | 2.46 | 0.22 | 2.24 | -20.99 |
| Arrow Electronics Inc | 2.35 | 0.11 | 2.24 | -12.56 |

| Ten Best Performers (Benchm | Ten Best Performers (Benchmark: Russell Midcap Value Index) | | | | | | | | | | |
|--------------------------------|---|--------------|-----------|----------------|--|--|--|--|--|--|--|
| | Portfolio Wt | Benchmark Wt | Active Wt | Quarterly Rtrn | | | | | | | |
| American Eagle Outfitters Inc. | 1.90 | 0.00 | 1.90 | 41.94 | | | | | | | |
| Warner Music Group Corp | 1.76 | 0.00 | 1.76 | 20.98 | | | | | | | |
| Fidelity Nat. Financial Inc | 2.59 | 0.16 | 2.43 | 15.94 | | | | | | | |
| Cboe Global Markets Inc | 1.52 | 0.24 | 1.28 | 13.60 | | | | | | | |
| Activision Blizzard Inc | 1.32 | 0.00 | 1.32 | 12.26 | | | | | | | |
| Gentex Corporation | 3.02 | 0.11 | 2.91 | 11.66 | | | | | | | |
| Helen of Troy Ltd | 3.09 | 0.00 | 3.09 | 7.91 | | | | | | | |
| Arch Capital Group Ltd | 1.05 | 0.36 | 0.69 | 6.49 | | | | | | | |
| Markel Group Inc | 2.03 | 0.29 | 1.74 | 6.46 | | | | | | | |
| RenaissanceRe Holdings Ltd | 1.70 | 0.11 | 1.59 | 6.31 | | | | | | | |

| Ten Worst Performers (Bend | hmark: Russel | l Midcap Value Inde | ex) | |
|-----------------------------|---------------|---------------------|-----------|----------------|
| | Portfolio Wt | Benchmark Wt | Active Wt | Quarterly Rtrn |
| Discover Financial Services | 1.41 | 0.32 | 1.09 | -25.28 |
| Omnicom Group Inc | 2.46 | 0.22 | 2.24 | -20.99 |
| MKS Instruments Inc | 1.50 | 0.09 | 1.41 | -19.76 |
| Teleflex Inc | 2.06 | 0.14 | 1.92 | -18.73 |
| Baxter International Inc | 2.09 | 0.28 | 1.81 | -16.59 |
| CarMax Inc | 2.09 | 0.16 | 1.93 | -15.50 |
| Open Text Corp | 2.62 | 0.00 | 2.62 | -14.99 |
| LKQ Corporation | 0.87 | 0.20 | 0.67 | -14.59 |
| DENTSPLY SIRONA Inc | 2.10 | 0.11 | 1.99 | -14.29 |
| Gates Industrial Corp PLC | 1.19 | 0.02 | 1.17 | -13.87 |

| Buy and Hold Sector Attri | bution (Bench | mark: Russell Mi | dcap Value In | dex) | | | | Portfolio Comparison | | |
|----------------------------------|---------------|------------------|---------------|-----------|-------|-------------|-------|-----------------------|--------------------|----------------------|
| | Allo | cation | Perfo | mance | | Attribution | | | Cooke & Bieler Mid | Russell Midcap Value |
| | Portfolio | Benchmark | Portfolio | Benchmark | Stock | Sector | Total | | Cap Value Equity | Index |
| Communication Services | 5.5 | 3.4 | -2.55 | -9.84 | 0.43 | -0.12 | 0.31 | Market Capitalization | (%) | |
| Consumer Discretionary | 18.0 | 9.4 | 0.60 | -7.75 | 1.53 | -0.31 | 1.21 | Greater than 25000M | 11.03 | 31.76 |
| Consumer Staples | 1.2 | 4.1 | -6.39 | -8.82 | 0.03 | 0.13 | 0.16 | 16000M To 25000M | 15.17 | 23.69 |
| Energy | 2.2 | 5.3 | 4.61 | 12.50 | -0.16 | -0.49 | -0.65 | 12000M To 16000M | 12.88 | 12.77 |
| Financials | 24.2 | 16.3 | 1.47 | 1.03 | 0.14 | 0.41 | 0.55 | 8000M To 12000M | 18.04 | 13.70 |
| Health Care | 12.2 | 7.4 | -11.27 | -9.88 | -0.19 | -0.25 | -0.45 | 5000M To 8000M | 19.90 | 11.25 |
| Industrials | 20.5 | 18.9 | -0.57 | -4.68 | 0.83 | 0.01 | 0.84 | 3000M To 5000M | 14.52 | 5.72 |
| Information Technology | 9.7 | 9.7 | -14.41 | -4.74 | -0.97 | 0.00 | -0.97 | 1000M To 3000M | 3.74 | 1.11 |
| Materials | 0.0 | 7.8 | 0.00 | -4.45 | 0.00 | 0.00 | 0.00 | 500M To 1000M | 0.00 | 0.00 |
| Real Estate | 2.2 | 10.3 | -8.49 | -7.58 | -0.01 | 0.26 | 0.25 | 200M To 500M | 0.00 | 0.00 |
| Utilities | 1.5 | 7.4 | -8.37 | -7.20 | -0.01 | 0.17 | 0.15 | Cash | 4.72 | 0.00 |
| Cash | 2.7 | 0.0 | 1.31 | 0.00 | 0.00 | 0.11 | 0.11 | | | |
| Total | 100.0 | 100.0 | -2.92 | -4.43 | 1.61 | -0.10 | 1.51 | | | |





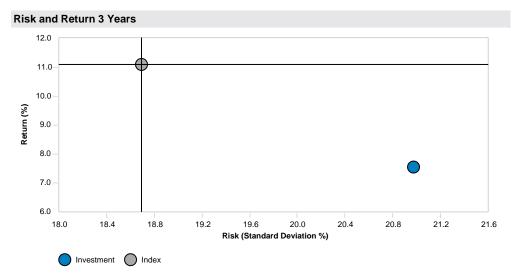


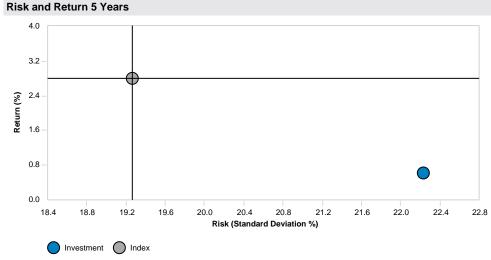
International Equity

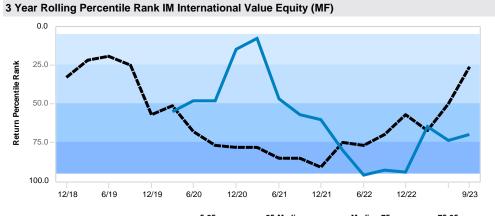


| Historical Statistics 3 Years | | | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | | | |
| Investment | 7.55 | 20.97 | 0.37 | 97.82 | 7 | 111.92 | 5 | | | | |
| Index | 44.44 | 10.00 | 0.57 | 100.00 | 0 | 100.00 | 2 | | | | |

| Historical Stati | Historical Statistics 5 Years | | | | | | | | | | |
|-------------------------|-------------------------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | | | |
| Investment | 0.62 | 22.23 | 0.06 | 106.97 | 12 | 114.95 | 8 | | | | |
| Index | 2.81 | 19.26 | 0.15 | 100.00 | 14 | 100.00 | 6 | | | | |





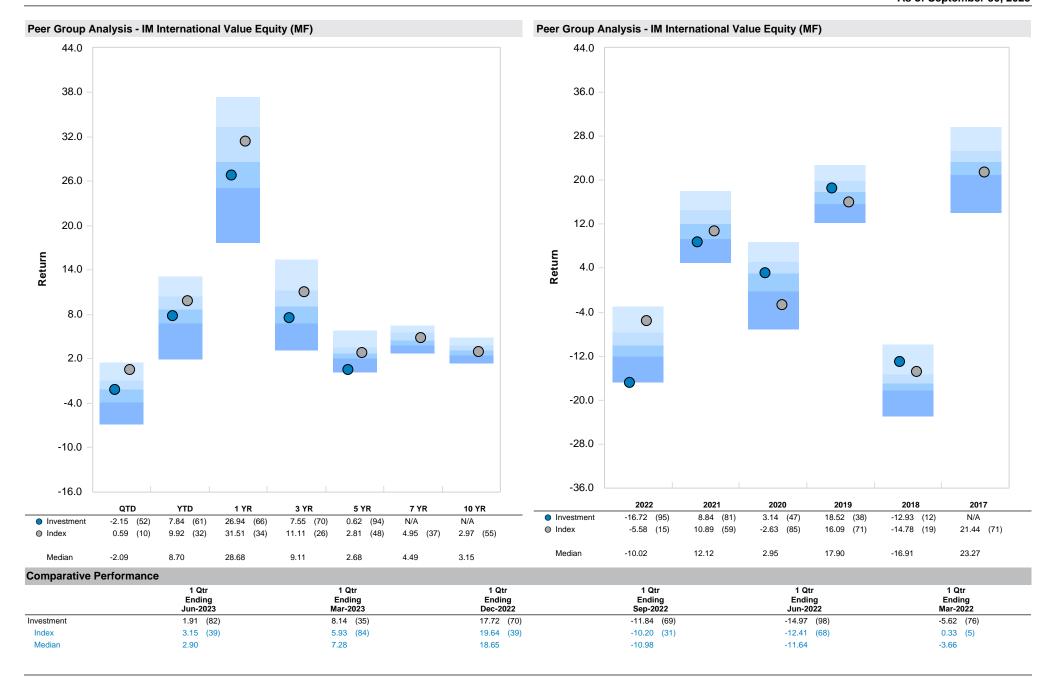


| 5 Y | ear Ro | lling Pe | rcentile | Rank IM | Internat | ionai vai | ue Equi | ty (MF) | | | |
|------------------------|--------|----------|---------------------------------------|---------|------------|-----------|---------|---------|------|-------|------|
| | 0.0 | | | | | | | | | | |
| Rank | 25.0 – | | | | | | | | | | |
| Return Percentile Rank | 50.0 – | | · · · · · · · · · · · · · · · · · · · | | \ | | | ` | | ,, | |
| Retul | 75.0 | | | | The Ballon | | | | | | |
| | 100.0 | 12/18 | 6/19 | 12/19 | 6/20 | 12/20 | 6/21 | 12/21 | 6/22 | 12/22 | 9/23 |

| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count | |
|------------|--------------|---------------|--------------------|--------------------|----------------|--|
| Investment | 15 | 2 (13%) | 3 (20%) | 6 (40%) | 4 (27%) | |
| Index | 20 | 3 (15%) | 3 (15%) | 7 (35%) | 7 (35%) | |

| | Total Period | Count | Count | Count | Count | |
|------------|--------------|--------|---------|----------|---------|--|
| Investment | 7 | 0 (0%) | 1 (14%) | 2 (29%) | 4 (57%) | |
| Index | 20 | 0 (0%) | 3 (15%) | 16 (80%) | 1 (5%) | |

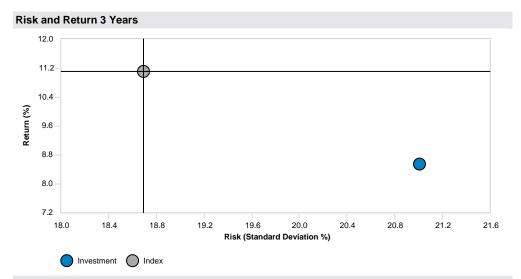


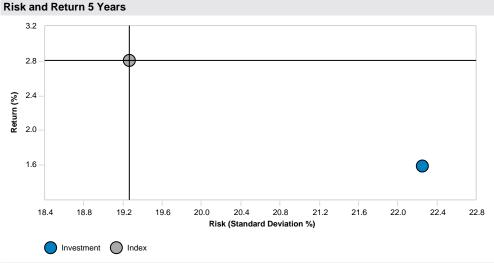


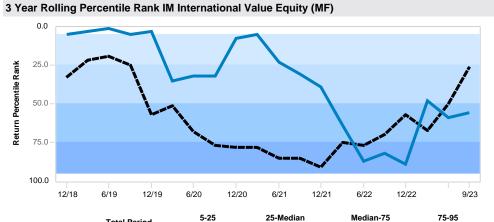


| Historical Stati | stics 3 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 8.57 | 21.01 | 0.41 | 99.78 | 7 | 110.02 | 5 |
| Index | 11.11 | 18.69 | 0.57 | 100.00 | 9 | 100.00 | 3 |

| Historical Stati | stics 5 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 1.59 | 22.25 | 0.11 | 108.95 | 12 | 113.17 | 8 |
| Index | 2.81 | 19.26 | 0.15 | 100.00 | 14 | 100.00 | 6 |







Count

6 (30%)

3 (15%)

Count

3 (15%)

7 (35%)

Count

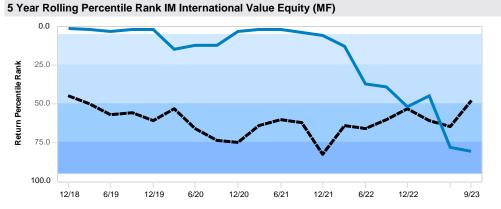
3 (15%)

7 (35%)

Count

8 (40%)

3 (15%)



| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count | |
|------------|--------------|---------------|--------------------|--------------------|----------------|--|
| Investment | 20 | 14 (70%) | 3 (15%) | 1 (5%) | 2 (10%) | |
| Index | 20 | 0 (0%) | 3 (15%) | 16 (80%) | 1 (5%) | |



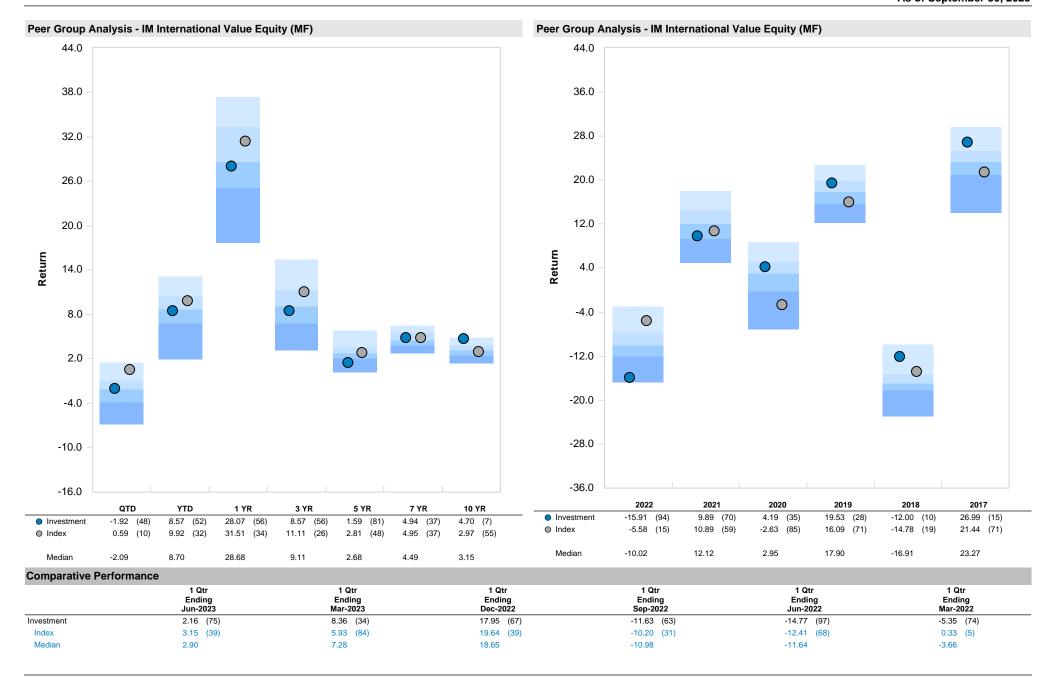
Investment

__ Index

Total Period

20

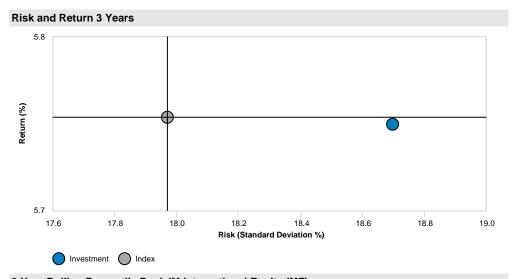
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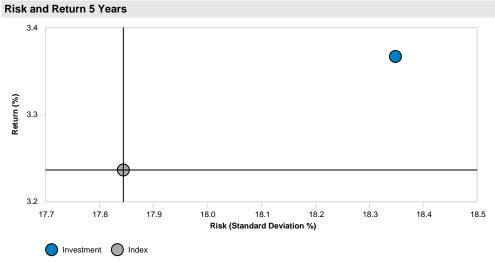


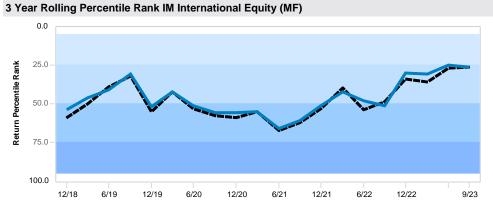


| Historical Stati | stics 3 Years | | | | | | |
|------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 5.75 | 18.70 | 0.30 | 103.35 | 7 | 103.92 | 5 |
| Index | 5.75 | 17.97 | 0.31 | 100.00 | 7 | 100.00 | 5 |

| Historical Stati | stics 5 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 3.37 | 18.35 | 0.18 | 102.42 | 12 | 101.98 | 8 |
| Index | 3.24 | 17.84 | 0.17 | 100.00 | 12 | 100.00 | 8 |





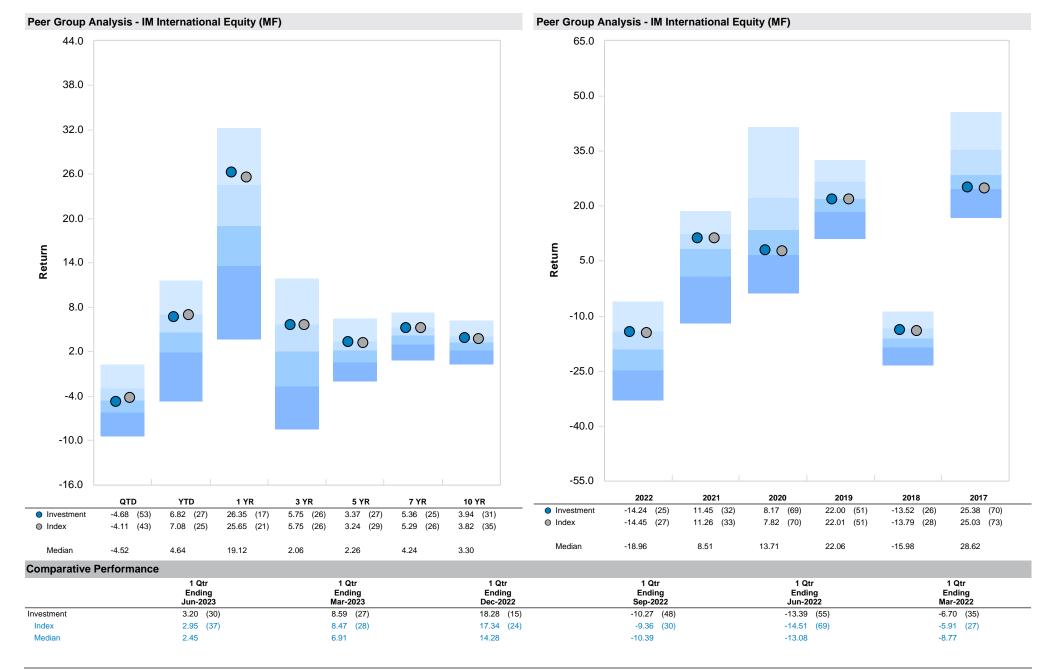


| 5 Ye | ear Ro | olling Pe | ercentile | Rank IM | Internat | tional Equ | uity (MF |) | | | |
|------------------------|--------|-----------|-----------|---------|----------------|------------|----------|-------|------|--|------|
| | 0.0 | | | | | | | | | | |
| ntile Rank | 25.0 - | | | | | | | , | | No or other Designation of the last of the | |
| Return Percentile Rank | 50.0 - | - | | | N. S. S. S. S. | | | | | | |
| R | 75.0 - | | | | | | | | | | |
| | 100.0 | 12/18 | 6/19 | 12/19 | 6/20 | 12/20 | 6/21 | 12/21 | 6/22 | 12/22 | 9/23 |

| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count | |
|------------|--------------|---------------|--------------------|--------------------|----------------|--|
| Investment | 20 | 1 (5%) | 9 (45%) | 10 (50%) | 0 (0%) | |
| Index | 20 | 0 (0%) | 10 (50%) | 10 (50%) | 0 (0%) | |

| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------|--------------|---------------|--------------------|--------------------|----------------|
| Investment | 20 | 3 (15%) | 9 (45%) | 8 (40%) | 0 (0%) |
| Index | 20 | 1 (5%) | 11 (55%) | 8 (40%) | 0 (0%) |

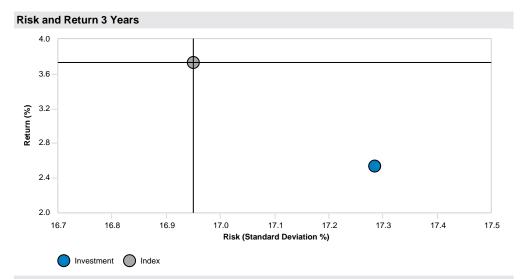


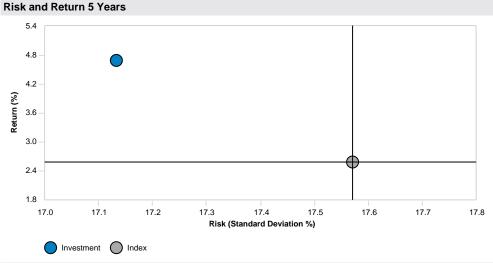


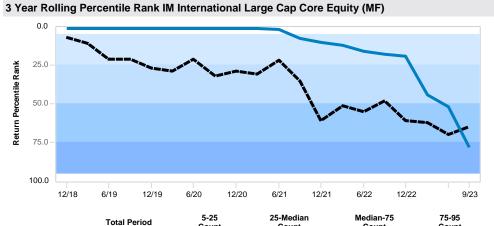


| Historical Stati | stics 3 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 2.54 | 17.28 | 0.13 | 102.88 | 7 | 109.03 | 5 |
| Index | 3.74 | 16.95 | 0.20 | 100.00 | 7 | 100.00 | 5 |

| Historical Stati | stics 5 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 4.69 | 17.13 | 0.25 | 105.15 | 12 | 97.33 | 8 |
| Index | 2.58 | 17.57 | 0.14 | 100.00 | 12 | 100.00 | 8 |







Count

1 (5%)

7 (35%)

Count

1 (5%)

7 (35%)

Count

1 (5%)

0 (0%)

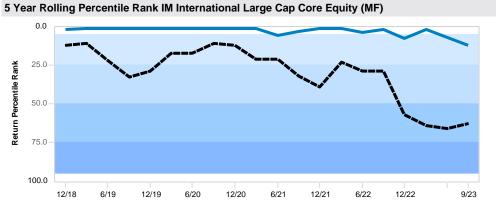
Count

17 (85%)

6 (30%)

20

20

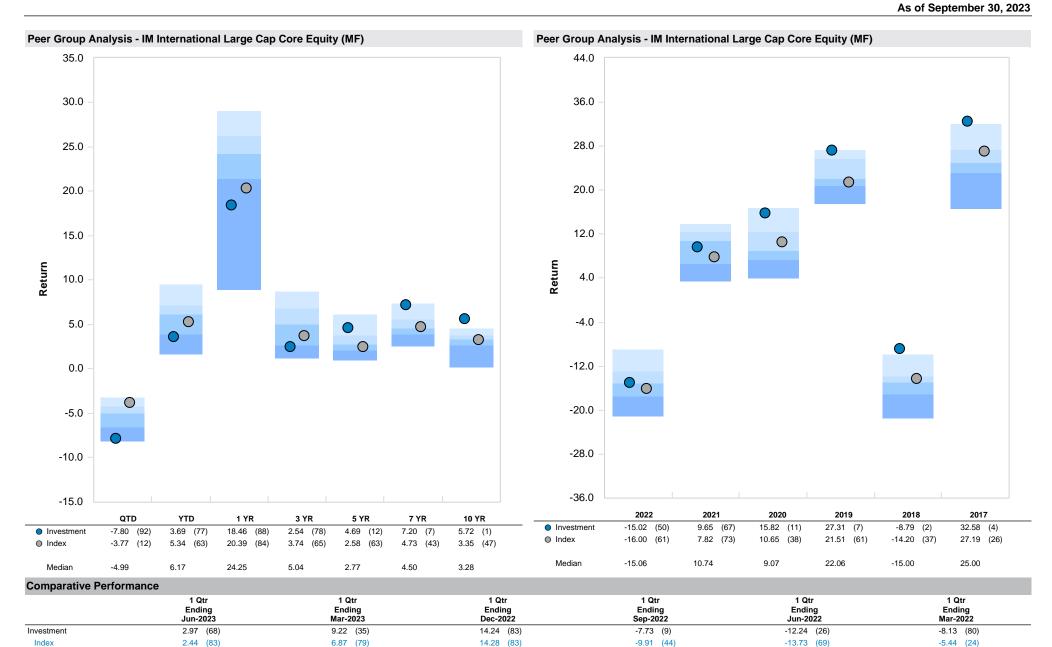


| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count |
|------------|--------------|---------------|--------------------|--------------------|----------------|
| Investment | 20 | 20 (100%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Index | 20 | 10 (50%) | 6 (30%) | 4 (20%) | 0 (0%) |



Investment

__ Index



17.19

-10.19

-13.27



-6.90

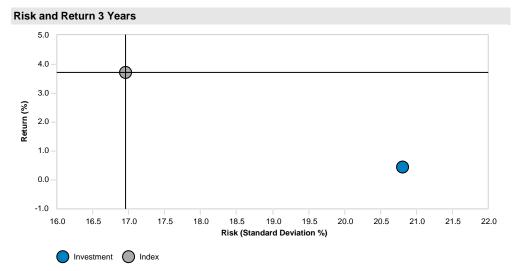
Median

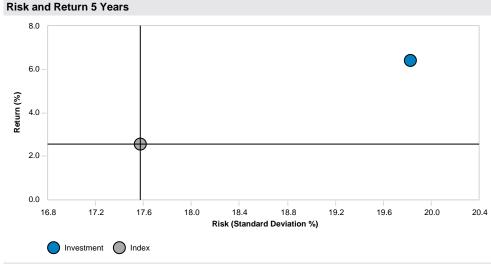
3.20

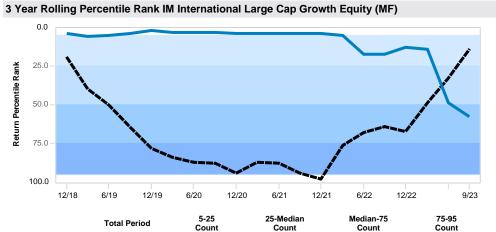
8.47

| Historical Stati | stics 3 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 0.46 | 20.80 | 0.05 | 108.84 | 7 | 123.04 | 5 |
| Index | 3.74 | 16.95 | 0.20 | 100.00 | 7 | 100.00 | 5 |

| Historical Stati | stics 5 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 6.42 | 19.83 | 0.33 | 114.54 | 12 | 98.72 | 8 |
| Index | 2.58 | 17.57 | 0.14 | 100.00 | 12 | 100.00 | 8 |







1 (5%)

4 (20%)

1 (5%)

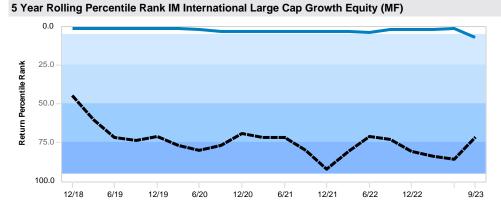
4 (20%)

0 (0%)

10 (50%)

18 (90%)

2 (10%)



| | Total Period | 5-25 Coun | t | | ledian ount | | ian-75 ount | | 5-95 ount | |
|------------|--------------|--------------|-----|---|----------------|----|----------------|---|--------------|--|
| Investment | 20 | 20 (10 | 0%) | 0 | (0%) | 0 | (0%) | 0 | (0%) | |
| Index | 20 | 0 (0% | 6) | 1 | (5%) | 10 | (50%) | 9 | (45%) | |

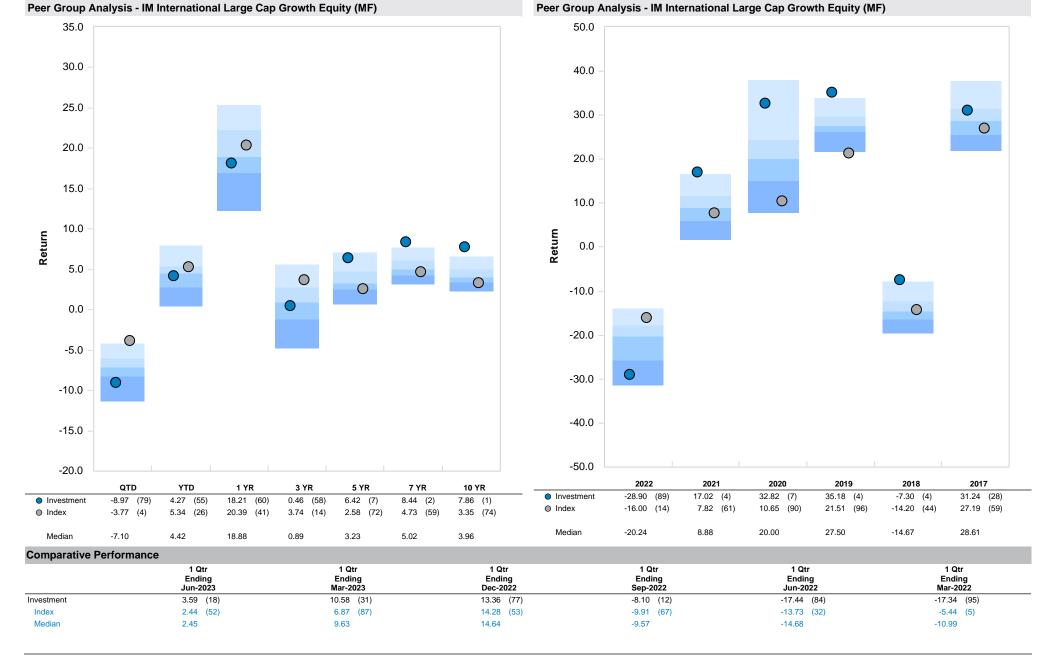


Investment

__ Index

20

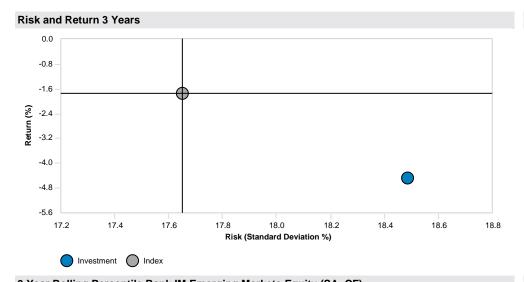
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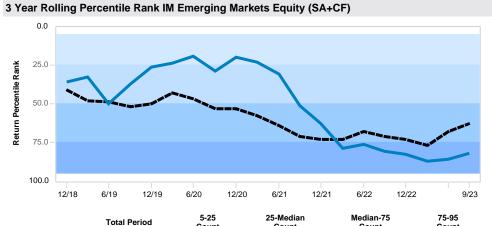


| Historical Stati | stics 3 Years | | | | | | |
|------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | -4.48 | 18.49 | -0.25 | 99.71 | 6 | 111.15 | 6 |
| Index | -1 73 | 17.65 | -0.11 | 100.00 | 6 | 100.00 | 6 |

| Historical Stati | stics 5 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | 1.01 | 19.84 | 0.06 | 105.45 | 11 | 103.56 | 9 |
| Index | 0.55 | 19.08 | 0.04 | 100.00 | 11 | 100.00 | 9 |



Risk and Return 5 Years 1.2 1.0 Return (%) 0.8 0.6 0.4 19.6 18.8 19.0 19.2 19.4 19.8 20.0 Risk (Standard Deviation %) Investment Index



Count

7 (35%)

6 (30%)

Count

2 (10%)

13 (65%)

Count

7 (35%)

1 (5%)

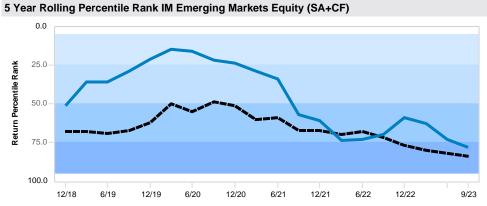
Count

4 (20%)

0 (0%)

20

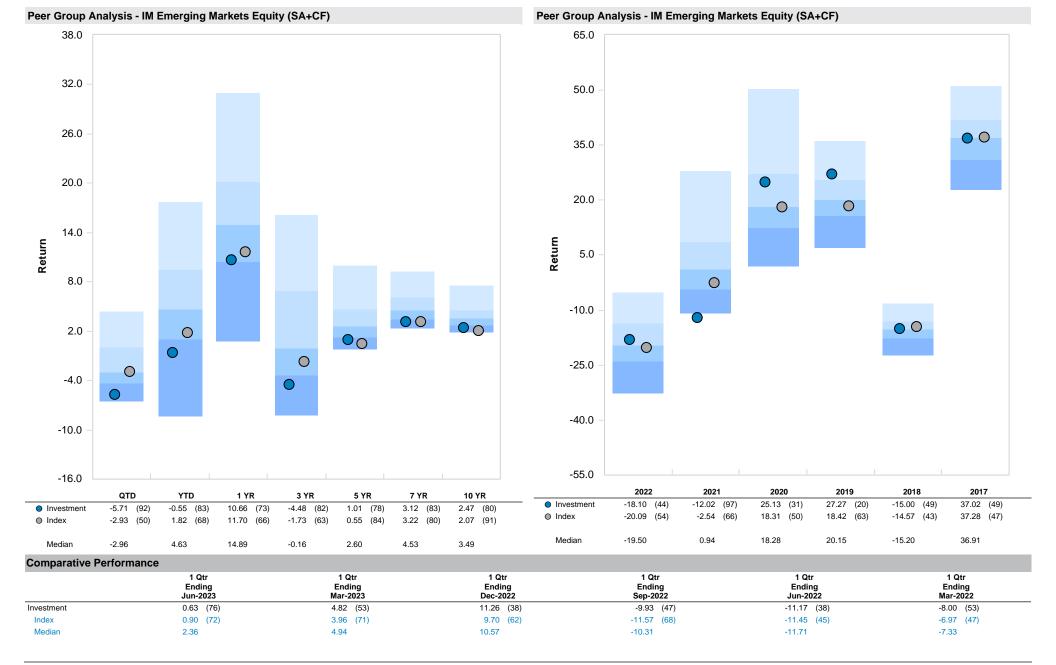
20



| | Total Period | 5-25 Count | 25-Median Count | Median-75 Count | 75-95 Count | |
|------------|--------------|---------------|--------------------|--------------------|----------------|--|
| Investment | 20 | 5 (25%) | 5 (25%) | 9 (45%) | 1 (5%) | |
| Index | 20 | 0 (0%) | 2 (10%) | 14 (70%) | 4 (20%) | |



Investment



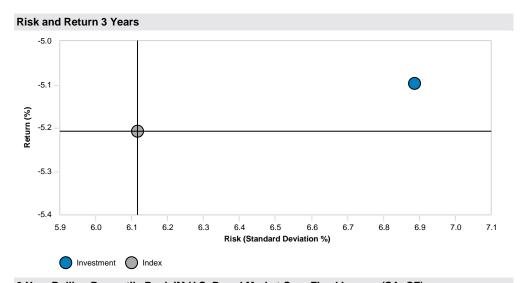


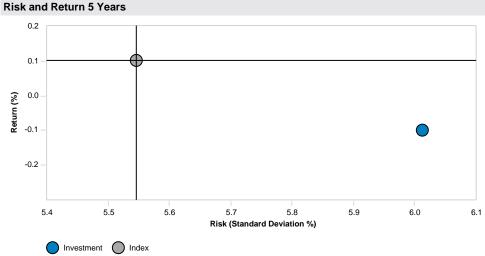
Fixed Income



| Historical Stati | stics 3 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | -5.10 | 6.89 | -0.97 | 113.66 | 4 | 105.72 | 8 |
| Index | -5.21 | 6.12 | -1.12 | 100.00 | 6 | 100.00 | 6 |

| Historical Stati | stics 5 Years | | | | | | |
|-------------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | -0.10 | 6.01 | -0.27 | 103.01 | 11 | 105.55 | 9 |
| Index | 0.10 | 5.55 | -0.26 | 100.00 | 14 | 100.00 | 6 |





3 Year Rolling Percentile Rank IM U.S. Broad Market Core Fixed Income (SA+CF) 0.0 Return Percentile Rank 25.0 50.0 75.0 -100.0 12/18 6/19 12/19 6/20 12/20 6/21 12/21 6/22 12/22 9/23 5-25 25-Median Median-75 75-95 **Total Period**

Count

1 (5%)

6 (30%)

Count

6 (30%)

0 (0%)

Count

8 (40%)

19 (95%)

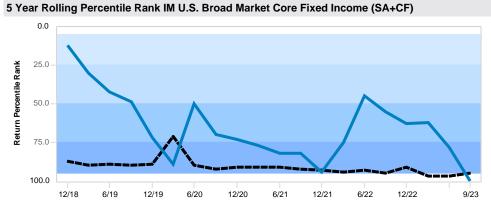
Count

0 (0%)

0 (0%)

20

20



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



Investment

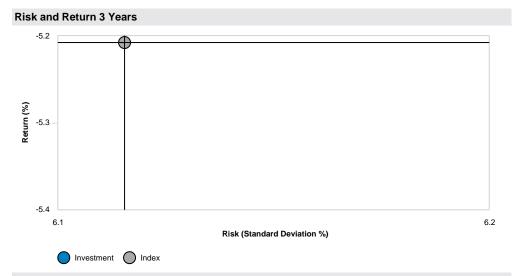
__ Index

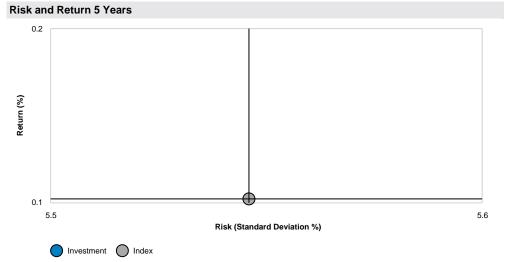


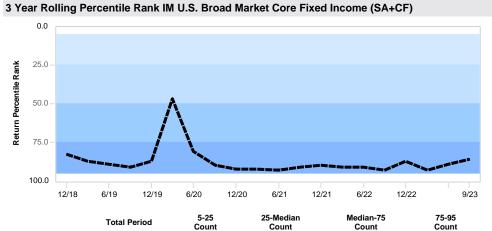


| Historical Stati | stics 3 Years | | | | | | |
|------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters |
| Investment | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Index | -5.21 | 6.12 | -1.12 | 100.00 | 6 | 100.00 | 6 |

| Historical Statistics 5 Years | | | | | | | | | | | |
|-------------------------------|--------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|--|--|--|--|
| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Up Quarters | Down Market Capture | Down Quarters | | | | |
| Investment | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | | |
| Index | 0.10 | 5.55 | -0.26 | 100.00 | 14 | 100.00 | 6 | | | | |





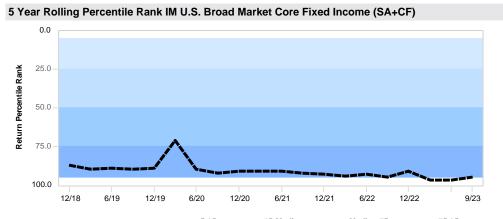


1 (5%)

0 (0%)

19 (95%)

0 (0%)



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

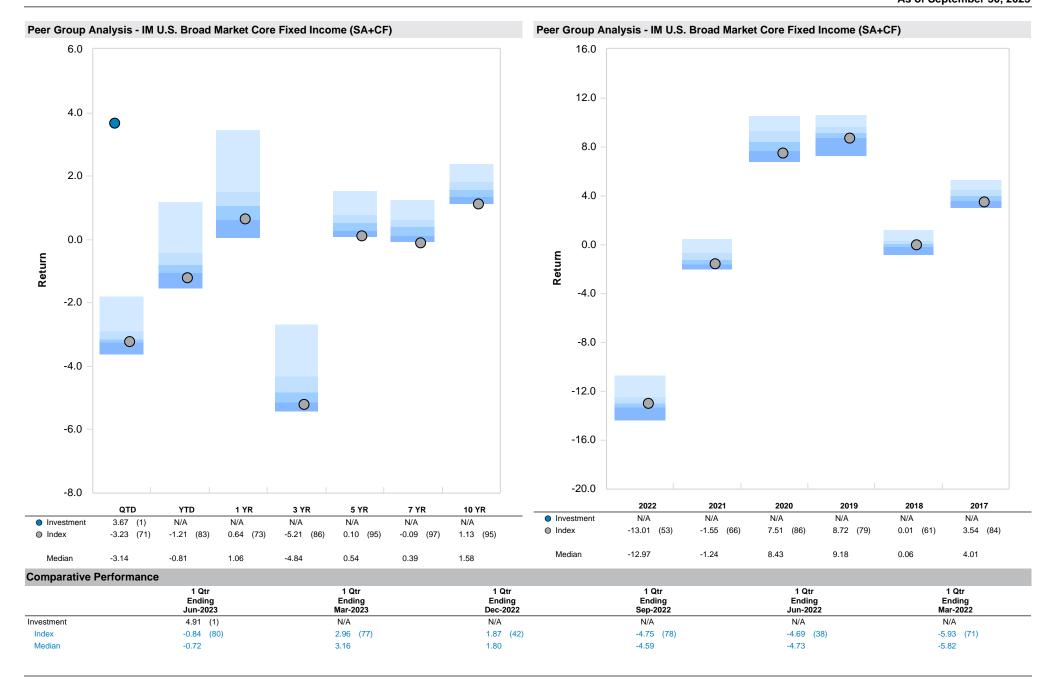


Investment

__ Index

0

20

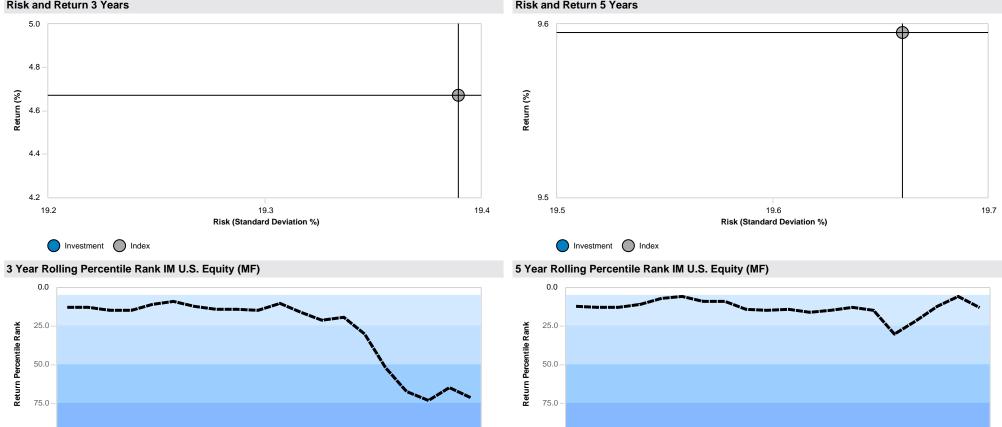




Alternative



| | | | | | | | | | | | | | As | of Septemb | per 30, 202 |
|------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|------------------|---------------|-----------------------|-----------------|-------------------------|----------------|---------------------------|------------------|
| Historical Stati | stics 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 | 4.67 | 19.39 | 0.25 | 100.00 | 7 | 100.00 | 5 | Index | 9.60 | 19.66 | 0.48 | 100.00 | 13 | 100.00 | 7 |
| Risk and Retur | n 3 Years | | | | | | | Risk and Retu | rn 5 Years | | | | | | |
| 5.0 | | | | | | | | 9.6 | | | | | | _ | |



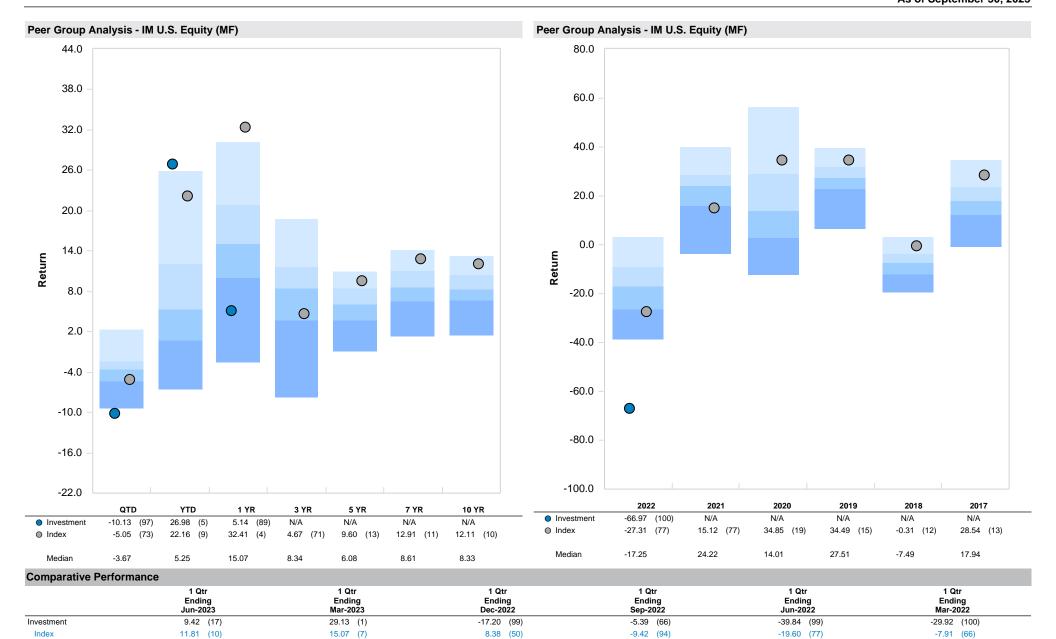
| 12/18 | 6/19 | 12/19 | 6/20 | 12/20 | 6/21 | 12/21 | 6/22 | 12/22 | 9/23 | 12/18 | 3 | 6/19 | 12/19 | 6/20 | 12/20 | 6/21 | 12/21 | 6/22 | 12/22 | 9/23 |
|------------|---------|-------|--------------|-------|----------------|-------|------------------|-------|----------------|------------|---|---------|-------|--------------|-------|------------------|-------|------------------|-------|----------------|
| | Total F | eriod | 5-25 Cour | | 25-Med Coun | | Median- Count | | 75-95 Count | | | Total P | eriod | 5-25 Cour | | 25-Medi Count | | Median- Count | | 75-95 Count |
| Investment | 0 | | 0 | | 0 | | 0 | | 0 | Investment | | 0 | | 0 | | 0 | | 0 | | 0 |
| Index | 20 | | 14 (7 | 70%) | 1 (59 | %) | 5 (25) | %) | 0 (0%) | Index | | 20 | | 19 (9 | 5%) | 1 (5% | 6) | 0 (0% | 6) | 0 (0%) |

100.0





100.0



8.34

-4.64

-15.44

Ark - Original cost basis 5/18/2021: \$5,982,165

5.16

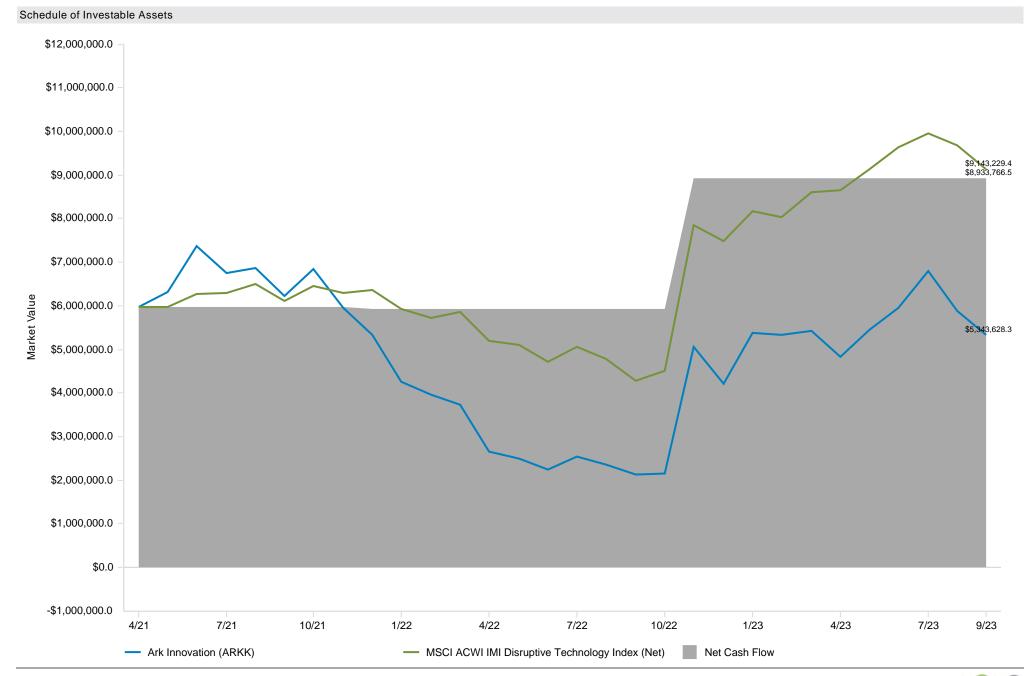
4.30

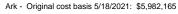


-5.53

Median









Private Equity and Real Estate



| Private Equity Summary of Partnership | | | | | | | | | | |
|--|-------------------|-----------------|--------------------------|-----------------------------|---------------------|-----------------------|-------------------|------------|------------------|-------------------------|
| Partnerships | Valuation Date | Vintage Year | Investment Strategy | Capital Commitment \$ | Drawn Down \$ | Market Value \$ | Distributed \$ | IRR (%) | TVPI Multiple | Remaining Commitment |
| Real Estate | | | | | | | | | | |
| Green Cities Company II | 09/30/2023 | 2012 | Real Estate | 4,670,000 | 4,903,486 | - | 6,557,445 | 6.66 | 1.34 | - |
| Green Cities Company III | 09/30/2023 | 2015 | Value-Add Real Estate | 5,000,000 | 5,013,560 | 1,940,049 | 1,666,225 | -6.33 | 0.71 | 101,017 |
| Westport Real Estate Fund IV | 09/30/2023 | 2014 | Real Estate | 5,000,000 | 8,202,862 | 1,585,752 | 7,701,357 | 3.69 | 1.13 | 25,000 |
| Long Wharf Real Estate Partners Fund V | 09/30/2023 | 2015 | Value-Add Real Estate | 5,000,000 | 4,971,526 | 2,922,015 | 3,724,395 | 7.51 | 1.34 | - |
| Private Equity | | | | | | | | | | |
| Ares Landmark Equity Partners XIV LP | 09/30/2023 | 2008 | Secondaries | 1,250,000 | 1,217,517 | 74,905 | 1,563,430 | 9.50 | 1.35 | 32,596 |
| Private Equity Investment Fund V | 09/30/2023 | 2009 | Secondaries | 1,250,000 | 1,253,016 | 519,658 | 601,766 | -1.71 | 0.90 | - |
| HarbourVest Partners IX | 09/30/2023 | 2010 | Hybrid | 10,000,000 | 9,105,065 | 8,159,420 | 14,825,577 | 19.91 | 2.54 | 950,000 |
| Pomona Capital VIII | 09/30/2023 | 2012 | Secondaries | 5,944,157 | 6,343,483 | 491,650 | 8,882,906 | 19.60 | 1.50 | 1,252,519 |
| JPMorgan Venture Capital Fund V | 09/30/2023 | 2014 | Venture Capital | 5,000,000 | 6,869,297 | 8,198,566 | 4,596,134 | 14.30 | 1.87 | 6,946 |
| Total | | | | 43,114,157 | 47,879,811 | 23,892,015 | 50,119,236 | - | - | 2,368,078 |



| Comparative Performance - IRR | | | | | | |
|--|--------|--------|--------|--------|-----------|-------------------|
| | QTD | 1 YR | 3 YR | 5 YR | Inception | Inception Date |
| Real Estate | | | | | | |
| Green Cities Company III | -23.83 | -56.50 | -21.87 | -11.58 | -6.33 | 03/03/2016 |
| Westport Real Estate Fund IV | -6.47 | -36.31 | -12.59 | -1.46 | 3.69 | 03/24/2014 |
| Long Wharf Real Estate Partners Fund V | -1.24 | -5.59 | 6.30 | 6.62 | 7.51 | 11/20/2015 |
| Private Equity | | | | | | |
| Ares Landmark Equity Partners XIV LP | 2.19 | 1.16 | 8.56 | 5.12 | 9.50 | 11/12/2009 |
| Private Equity Investment Fund V | 0.00 | -1.12 | -1.36 | 1.21 | -1.71 | 01/21/2010 |
| HarbourVest Partners IX [Consolidated] | 0.00 | -0.90 | 19.99 | 22.75 | 19.91 | 07/29/2013 |
| Pomona Capital VIII | 0.00 | -19.57 | 10.73 | 7.61 | 19.60 | 03/25/2014 |
| JPMorgan Venture Capital Fund V | -0.06 | -14.40 | 22.27 | 16.36 | 14.30 | 07/31/2015 |



Real Estate



Fund Information

Size of Fund:

Inception:

Final Close:

Cash Flow Summary

Type of Fund: Partnership

313,503,293

02/18/2015

02/01/2022

Vintage Year: 2015 Strategy Type: Value-Add Real Estate

Management Fee: 1.50% management fee; 8% hurdle with no catch up, 80%/20% split to LP/GP

until 14% IRR

Preferred Return: 8% to LP

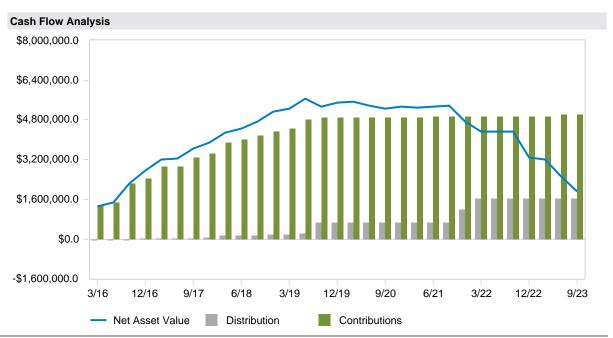
General Partner: Gerding Edlen Fund Management III

Number of Funds:

Investment Strategy: The strategy of Gerding Edlen Green Cities III is to execute the Firm's niche expertise in the acquisition, investment, management, retrofit and/or development of urban, modern, green

apartment and/or office properties in the Firm's key targeted markets for value-add returns.

| Capital Committed: | \$5,000,000 |
|-------------------------------|-------------|
| Capital Invested: | \$4,653,325 |
| Management Fees: | \$331,626 |
| Expenses: | \$2,121 |
| Interest: | \$26,487 |
| Total Contributions: | \$5,013,560 |
| Remaining Capital Commitment: | \$101,017 |
| | |
| Total Distributions: | \$1,666,225 |
| Market Value: | \$1,940,049 |
| | |
| Inception Date: | 03/03/2016 |
| Inception IRR: | -6.3 |
| TVPI: | 0.7 |
| | |
| | |





Fund Information

Size of Fund:

Type of Fund: Partnership

Strategy Type: Real Estate

314,000,000

Inception: 05/01/2013

Final Close: 12/31/2015

Vintage Year: 2014

Management Fee: Investment Period: 1.50% per annum of aggregate capital commitments of LP

each quarter; Liquidation Period: 1.50% per annum of cost basis of investments

Preferred Return: 8%

General Partner: WCP Real Estate Fund IV GP, LLC

Number of Funds:

Investment Strategy: Primarily invests in distressed and opportunistic real estate and debt with potential for significant capital appreciation. The Fund makes direct and indirect investments in real estate. The

Fund may also invest in equity securities of real estate-related companies, real estate mortgage loans, real estate mezzanine loans, and other debt instruments.

Incentive fee: 50% to GP and 50% to LPs until GP receives 20% carried interest over 8% preferred return; 20% to GP and 80% to LPs, thereafter.

| Cash Flow Summary | |
|-------------------------------|-------------|
| Capital Committed: | \$5,000,000 |
| Capital Invested: | \$8,181,500 |
| Management Fees: | - |
| Expenses: | \$21,362 |
| Interest: | - |
| Total Contributions: | \$8,202,862 |
| Remaining Capital Commitment: | \$25,000 |
| Total Distributions: | \$7,701,357 |
| Market Value: | \$1,585,752 |
| Inception Date: | 03/24/2014 |
| Inception IRR: | 3.7 |
| TVPI: | 1.1 |





Fund Information

Size of Fund:

Inception:

Final Close:

Type of Fund: Partnership Vintage Year: 2015

Strategy Type: Value-Add Real Estate Management Fee: 1.5% per annum on committed capital during investment period; 1.5% per annum

on invested equity thereafter. Incentive fee: 20%.

350,000,000 Preferred Return: 9

General Partner: LREP V, LLC

Number of Funds:

Investment Strategy:

Long Wharf employs a diversified value-added strategy targeting opportunities across an array of U.S. markets and sectors. Long Wharf's value-added approach to real estate investing focuses principally on cost basis relative to asset quality, location and competing properties. We analyze acquisition price and all-in cost basis compared to replacement cost, the basis of the prior owner, and the cost basis of other properties in the submarket against which it will compete for tenants. Rather than basing investment decisions on forecasted capital flows, pricing momentum, and outsized rent growth assumptions, our analysis is centered on cost basis relative to the intrinsic long-term value of the property.

Our focus on cost basis is closely tied to the importance we place on projected stabilized yield-on-cost in analyzing prospective investments. By focusing on stabilizing and improving a property's operations – facets of an investment over which we have substantially more control – we reduce our reliance on capital flows, debt markets, and timing to achieve our return objectives. Generating an attractive unlevered income stream upon stabilization also serves to protect the investment in the event of a market downturn or a material increase in cap rates.

We believe the current market environment is providing a number of attractive relative value opportunities for value-added investors. Long Wharf is experienced in executing a variety of value-added investment strategies including distress, rehabilitation, management turnaround, and development.

| Cash | Flow | Summary | |
|------|------|---------|--|
| | | | |

 Capital Committed:
 \$5,000,000

 Capital Invested:
 \$5,000,000

11/20/2015

09/30/2016

Management Fees: -

Expenses: -\$28,474

Interest:

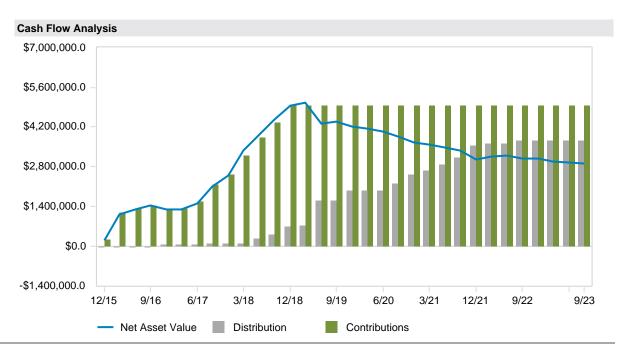
Total Contributions: \$4,971,526

Remaining Capital Commitment: -

Total Distributions: \$3,724,395 Market Value: \$2.922.015

Inception Date: 11/20/2015

Inception IRR: 7.5
TVPI: 1.3





Town of Palm Beach Retirement System Comparative Performance

As of September 30, 2023

| Comparative Performance | | | | | |
|--|-------|------|------|------|------|
| | QTD | FYTD | 1 YR | 3 YR | 5 YR |
| T (D. D. I.D.): (O. (): 1/0):: | = | | | 0.40 | 100 |
| Town of Palm Beach Retirement System Combined (Gross)** | -3.67 | 9.37 | 9.37 | 3.10 | 4.29 |
| Estimated Quarterly Return over 5 Years - (Gross): 1.09% | | | | | |
| | | | | | |
| | | | | | |
| Town of Palm Beach Retirement System Combined (Net)** | -3.80 | 9.05 | 9.05 | 2.89 | 4.05 |
| | | | | | |
| Estimated Quarterly Return over 5 Years - (Net): 1.03% | | | | | |





Returns are expressed as percentages.

Performance shown is not GIPS compliant and is an estimation. Historical data and calculations prior to March 31, 2016 provided by former consultant.

*October 2009-September 2012 represents each Plan's unique performance. October 2012-present represents performance for the combined Plan.

Pager poto October 2012, performance is a theoretical weighted average of the each Plan's composite given a static weighting between the Plans. October 2012-present represents performance for the combined Plan.

| Total Fund Policy | | | |
|--|------------|--|------------|
| Allocation Mandate | Weight (%) | Allocation Mandate | Weight (%) |
| Jan-1979 | | May-2021 | |
| Russell 3000 Index | 30.00 | Russell 3000 Index | 35.00 |
| MSCI EAFE (Net) Index | 13.00 | MSCI AC World ex USA | 20.00 |
| Blmbg. U.S. Aggregate Index | 24.00 | Total Fixed Income Policy | 17.50 |
| CPI + 5% | 9.00 | NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 |
| 90 Day T-Bill + 3.75% | 22.00 | Total Global Macro Policy | 3.00 |
| S&P 500 + 5% | 2.00 | Total Alternative Policy | 5.00 |
| | | Total Private Equity Policy | 7.50 |
| Jul-2013 | | 90 Day U.S. Treasury Bill | 2.00 |
| S&P 500 Index | 7.50 | | |
| MSCI EAFE (Net) Index | 15.00 | Mar-2023 | |
| Blmbg. U.S. Aggregate Index | 17.50 | Russell 3000 Index | 35.00 |
| Bloomberg Commodity Index Total Return | 2.50 | MSCI AC World ex USA | 20.00 |
| 90 Day T-Bills + 5% | 15.00 | Total Fixed Income Policy | 20.50 |
| S&P 500 + 5% | 10.00 | NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 |
| Russell Midcap Value Index | 3.75 | Total Alternative Policy | 5.00 |
| Russell Midcap Growth Index | 3.75 | Total Private Equity Policy | 7.50 |
| MSCI Emerging Markets (Net) Index | 10.00 | 90 Day U.S. Treasury Bill | 2.00 |
| Bloomberg U.S. TIPS Index | 2.50 | | |
| Blmbg. U.S. Corp High Yield | 2.50 | | |
| NCREIF Property Index | 10.00 | | |
| Jan-2017 | | | |
| Russell 3000 Index | 35.00 | | |
| MSCI AC World ex USA | 20.00 | | |
| Blmbg. U.S. Aggregate Index | 12.50 | | |
| Blmbg. Global Multiverse | 5.00 | | |
| NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| S&P 500 + 3% | 7.50 | | |
| Total GTAA/Hedge Fund Policy | 10.00 | | |
| Oct-2020 | | | |
| Russell 3000 Index | 35.00 | | |
| MSCI AC World ex USA | 20.00 | | |
| Total Fixed Income Policy | 17.50 | | |
| NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| S&P 500 + 3% | 7.50 | | |
| Total GTAA/Hedge Fund Policy | 10.00 | | |
| - | | | |



| Allocation Mandate | Weight (%) | Allocation Mandate | Weight (%) |
|--|------------|--|----------------|
| an-1979 | - , , | May-2021 | 5 (1-7) |
| Russell 3000 Index | 30.00 | Russell 3000 Index | 35.00 |
| MSCI EAFE (Net) Index | 13.00 | MSCI AC World ex USA | 20.00 |
| Blmbg. U.S. Aggregate Index | 24.00 | Total Fixed Income Policy | 17.50 |
| CPI + 5% | 9.00 | NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 |
| 90 Day T-Bill + 3.75% | 22.00 | Total Global Macro Policy | 3.00 |
| S&P 500 + 5% | 2.00 | Total Alternative Policy | 5.00 |
| | | 0% | 7.50 |
| ul-2013 | | 90 Day U.S. Treasury Bill | 2.00 |
| S&P 500 Index | 7.50 | , | |
| MSCI EAFE (Net) Index | 15.00 | | |
| Blmbg. U.S. Aggregate Index | 17.50 | | |
| Bloomberg Commodity Index Total Return | 2.50 | | |
| 00 Day T-Bills + 5% | 15.00 | | |
| S&P 500 + 5% | 10.00 | | |
| Russell Midcap Value Index | 3.75 | | |
| Russell Midcap Growth Index | 3.75 | | |
| MSCI Emerging Markets (Net) Index | 10.00 | | |
| Bloomberg U.S. TIPS Index | 2.50 | | |
| Blmbg. U.S. Corp High Yield | 2.50 | | |
| NCREIF Property Index | 10.00 | | |
| an-2017 | | | |
| Russell 3000 Index | 35.00 | | |
| MSCI AC World ex USA | 20.00 | | |
| Blmbg. U.S. Aggregate Index | 12.50 | | |
| Blmbg. Global Multiverse | 5.00 | | |
| NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| 0% | 17.50 | | |
| Oct-2020 | | | |
| Russell 3000 Index | 35.00 | | |
| MSCI AC World ex USA | 20.00 | | |
| Total Fixed Income Policy | 17.50 | | |
| NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| 0% | 17.50 | | |



| Weight (%) |
|------------|
| 3 (() |
| |
| 100.00 |
| |
| 100.00 |
| |

| | | Total Real Estate Policy | |
|-----------------------------------|------------|---|------------|
| Total International Equity Policy | | Allocation Mandate | Weight (%) |
| Allocation Mandate | Weight (%) | Sep-2013 | |
| Oct-2012 MSCI EAFE (Net) Index | 100.00 | NCREIF Property + 3% | 100.00 |
| Jan-2017 MSCI AC World ex USA | 100.00 | Jan-2017 NCREIF Fund Index-Open End Diversified Core (EW) | 100.00 |

| | | Total Private Equity Policy | | |
|-----------------------------|------------|-----------------------------|------------|--|
| Total Fixed Income Policy | | Allocation Mandate | Weight (%) | |
| Allocation Mandate | Weight (%) | Jan-1926 | - 3 - () | |
| Mar-1997 | | CPI + 5% | 82.00 | |
| Blmbg. U.S. Aggregate Index | 50.00 | S&P 500 + 5% | 18.00 | |
| Blmbg. U.S. Corp High Yield | 25.00 | 3ar 300 + 3% | 18.00 | |
| Bloomberg U.S. TIPS Index | 25.00 | Jul-2013 | | |
| Oct-2020 | | S&P 500 + 5% | 100.00 | |
| Blmbg. U.S. Aggregate Index | 100.00 | Jan-2017 | | |
| | | S&P 500 + 3% | 100.00 | |



Private Equity



Fund Information

Size of Fund:

Inception:

Type of Fund: Fund Of Funds Vintage Year: 2008

Strategy Type: Secondaries Management Fee: Class A [Class B] Basis, Years 1-4: 1.0% [0.85%] Committed Capital; Years 5-8:

1.0% [0.85%] Invested Capital (Invested capital for advisory fees includes

contributed capital plus amounts callable for obligations to existing deals.)

1,997,242,424

Preferred Return: 8%; Incentive Fee: 10%
12/27/2007

General Partner: Landmark Partners XIV. LLC

Final Close: 7/30/2010 **Number of Funds:** 0

Investment Strategy: Landmark strives to execute transactions primarily on a negotiated basis and acquire portfolios of interests in private equity funds and direct investments through secondary market

transactions that are unique, may require structuring, and where the opportunity for value creation exists. Landmark has developed the capability to execute a differentiated strategy generally focused on sourcing exclusive secondary transactions where the Firm's aptitude and expertise are highly valued. The Firm has developed strong deal sourcing competencies through sharing research and portfolio management tools which assist limited partners and general partners in identifying opportunities to improve investment performance and that allow Landmark's investment team to establish close relationships with potential sellers. Through these proprietary transactions, Landmark believes it benefits from minimal price competition and

extended due diligence periods and it enables the Firm to create preferred structures which mitigate risk while providing the potential for upside in many transactions.

In addition, Landmark has developed strong deal sourcing competencies focused on establishing close institutional relationships with sellers through sharing research and portfolio management tools which assists limited partners in identifying opportunities to improve investment performance and allows the investment team to establish close relationships with sellers. This differentiated relationship with sellers, based on value-add services and customized transaction solutions, establishes Landmark's credibility as a thought-leader and problem solver and often results in opportunities for unique and proprietary transactions.

Cash Flow Summary

Capital Committed: \$1,250,000
Capital Invested: \$1,217,404
Management Fees: -

Expenses: \$113
Interest: -

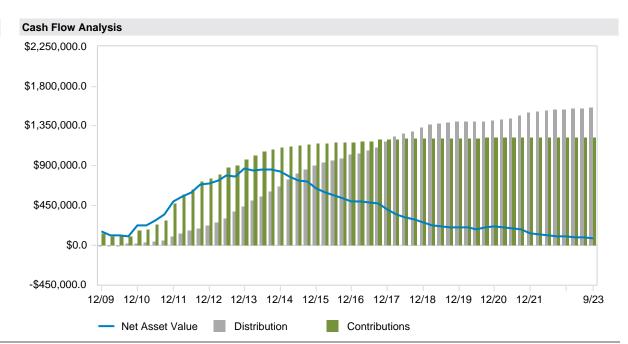
Total Contributions: \$1,217,517 **Remaining Capital Commitment:** \$32,596

Total Distributions: \$1,563,430 **Market Value:** \$74,905

 Inception Date:
 11/12/2009

 Inception IRR:
 9.5

 TVPI:
 1.3





Fund Information

Cash Flow Summary

Size of Fund:

Type of Fund: Secondary Vintage Year: 2009

Strategy Type: Secondaries Management Fee: 1.75%; Incentive fee: 12.5% carry

Preferred Return: 89

Inception: 06/24/2008 General Partner: PEI Managing Partners V, L.L.C.

Final Close: 04/15/2010 Number of Funds:

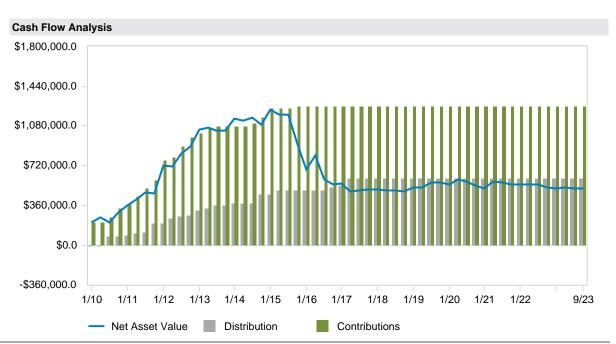
Investment Strategy: The purpose of PEIF V is to purchase, invest in, or otherwise acquire investment in venture capital funds, leveraged buyout funds, and private companies on a 'secondary' basis (i.e.,

existing limited partnership interests or company shares) and to see and liquidate such investments, and to engage in any other activities incident and/or ancillary thereto or in furtherance of

the foregoing.

109,248,367

Capital Committed: \$1,250,000 Capital Invested: \$1,250,000 **Management Fees: Expenses:** \$3,016 Interest: **Total Contributions:** \$1,253,016 Remaining Capital Commitment: -**Total Distributions:** \$601.766 Market Value: \$519.658 Inception Date: 01/21/2010 Inception IRR: -1.7 TVPI: 0.9





As of September 30, 2023

Fund Information

Size of Fund:

Inception:

Final Close:

Type of Fund: Fund Of Funds

Strategy Type:

Hybrid

3,000,000,000

03/01/2010

Management Fee:

1% of LP committed capital. Incentive fee: 10% on cumulative gain of secondary

and direct investments.

Preferred Return: N/A

Vintage Year:

General Partner: HarbourVest IX

2010

Number of Funds: 0

Investment Strategy: HarbourVest Partners IX is a continuation of the private equity investment strategy successfully employed in eight previous funds which consist of over \$16 billion in committed capital since 1982. The Investment Program will be structed as four separate LP vehicles, collectively known as the 'Funds', one for venture investment (HarbourVest PArtners IX-Venture Fund LP); one for buyout investments (HarbourVest Partners IX-Buyout Fund LP); and one for mezzanine and distressed debt investments (HarbourVest Partners IX-Credit Opportunities Fund LP), and a core fund, which includes allocations to the three specialized funds. The core fund will be allocated 60% to Fund IX Buyout, 30% to Fund IX Venture, and 10% to Fund IX Credit Opportunities. LPs may invest up to 100% of their commitment to any of the four funds. Geographically, the core fund is to be 60-75% US, 10-25% Europe, and 0-25% Other.

Cash Flow Summary

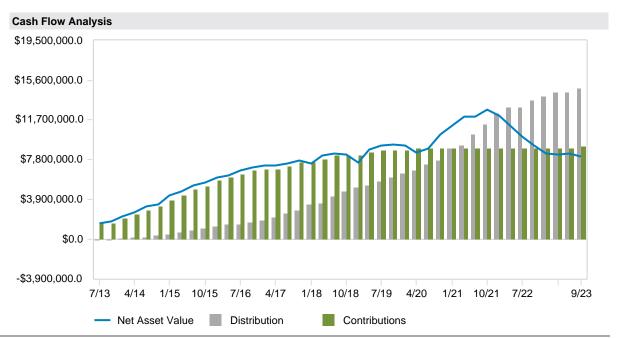
Capital Committed: \$10,000,000 Capital Invested: \$9,050,000

Management Fees: Expenses:

Interest: \$55,065 **Total Contributions:** \$9,105,065 Remaining Capital Commitment: \$950,000

Total Distributions: \$14.825.577 Market Value: \$8.159.420

Inception Date: 07/29/2013 Inception IRR: 19.9 TVPI: 2.5





As of September 30, 2023

Fund Information

Type of Fund: Secondary Vintage Year: 2012

0.50%; Yr 10: 0.50% on remaining NAV

Size of Fund:1,750,000,000Preferred Return:8%, incentive is 12.5%Inception:10/26/2012General Partner:Pomona Associates VIII

Number of Funds:

Final Close: 04/10/2014 N

Investment Strategy: Pomona Capital executes a differentiated secondaries strategy that is focused on acquiring high-quality, mature assets with identifiable near-term liquidity at attractive pricing that meet our

risk and return criteria.

Pomona pursues a disciplined investment strategy based on: (i) proactively sourcing transactions where Pomona believes it has and can create a competitive advantage; (ii) developing a granular understanding of target assets using both fund-level information and detailed, company-level analysis along with established general partner relationships; (iii) focusing on buying the highest quality assets; (iv) maintaining a middle-market focus and pricing discipline over investment volume; (v) diversifying investments to mitigate risk; and (vi) fostering transactional

creativity in an evolving market environment.

| \$5,944,157 |
|-------------|
| \$6,234,695 |
| - |
| \$6,832 |
| \$101,956 |
| \$6,343,483 |
| \$1,252,519 |
| |
| \$8,882,906 |
| \$491,650 |
| |
| 03/25/2014 |
| 19.6 |
| 1.5 |
| |





Fund Information

Cash Flow Summary

Inception Date:

Inception IRR:

TVPI:

Type of Fund: Fund Of Funds

Strategy Type: Venture Capital

159,721,789

Size of Fund: 159,721,78 **Inception:** 03/24/2014

Final Close: 11/20/2015

Vintage Year: 2014

Management Fee: Based on Committed Capital (Option 1: 0.72% annual average; Option 2: 0.44%

annual average)

Preferred Return: 8%

General Partner: J.P. Morgan Investment Management Inc.

Number of Funds: 0

Investment Strategy: PEG Venture Capital Institutional Investors V LLC(the 'Fund') is a Delaware limited liability company, which commenced operations on June 27, 2014. The investment objective of the Fund is to generate capital returns through investing in limited partnerships and other pooled and direct vehicles which, in turn, make equity-oriented investments in venture capital companies.

The Fund is expected to terminate on March 31, 2029, unless terminated earlier or extended in accordance with Agreement provisions.

Venture capital investments may include early-stage investments in businesses still in the conceptual stage, businesses where products may not be fully developed and revenues and/or profits may be several years away, and later-stage venture capital investments in more mature companies in need of expansion or growth capital, including capital for growth buyouts. The Fund is the first in a planned series of annual fund of funds, which provides exposure to corporate finance and venture capital on a global basis. The portfolio construction seeks to create appropriate diversification by geography, stage, setor, and vintage year, so there are no predetermined allocations. Investments are expected to be predominately in existing companies in

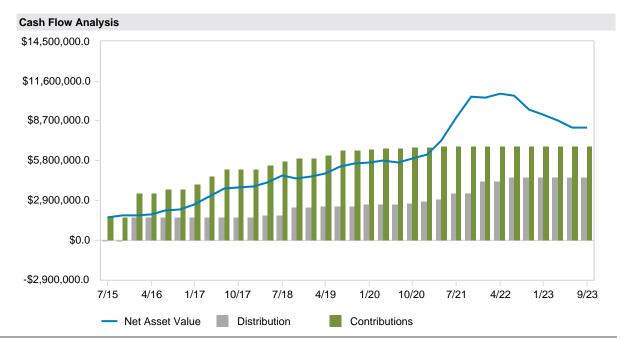
buyout, growth capital, and build-up strategies, as well as special situations with opportunistic mezzanine, distressed equity, and venture capital.

| Capital Committed: | \$5,000,000 |
|----------------------------|--------------|
| Capital Invested: | \$6,636,747 |
| Management Fees: | \$208,324 |
| Expenses: | - |
| Interest: | \$24,226 |
| Total Contributions: | \$6,869,297 |
| Remaining Capital Commitme | ent: \$6,946 |
| Total Distributions: | \$4,596,134 |
| Market Value: | \$8.198.566 |

07/31/2015

14.3

1.9





Updated Results from Prior Quarter

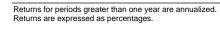


| Comparative Performance | | | | | | | | | | | | | | | | | |
|---|--------------------|---------------|-------------------------|-----------|---------------------|-------------|--------------------------|-------------|---------------------|-------------|--------------------|-------------|--------------------|------|-----------------------|------|-------------------|
| | Qua End Jun- | irter ling | 1 Ye End Jun-2 | ar ing | Yea End Jun-: | ars ling | 3 Yea End Jun-2 | ars ling | Yea End Jun-: | ars ling | Yea End Jun- | ars ling | Ye: Enc Jun- | ling | Incer End Jun-2 | ing | Inception Date |
| Total Fund (Net) | 3.03 | (53) | 6.71 | (81) | -3.05 | (91) | 5.87 | (86) | 5.11 | (89) | 5.47 | (86) | 6.69 | (85) | 6.30 | (82) | 09/01/2012 |
| Total Fund (Gross) | 3.11 | (49) | 6.92 | (79) | -2.86 | (89) | 6.05 | (83) | 5.32 | (86) | 5.70 | (79) | 6.95 | (79) | 6.57 | (72) | |
| Total Fund Policy | 4.32 | (7) | 11.35 | (9) | 0.02 | (32) | 8.62 | (31) | 7.54 | (22) | 7.46 | (18) | 8.43 | (21) | 7.91 | (21) | |
| All Public Plans-Total Fund Median | 3.08 | | 8.82 | | -0.83 | | 7.77 | | 6.63 | | 6.63 | | 7.66 | | 7.20 | | |
| Total Domestic Equity (Net) | 7.92 | | 18.34 | | 1.38 | | 13.64 | | 11.21 | | 10.88 | | 11.92 | | 11.69 | | 09/01/2012 |
| Total Domestic Equity (Gross) | 7.94 | | 18.48 | | 1.52 | | 13.76 | | 11.34 | | 11.02 | | 12.10 | | 11.90 | | |
| Total Domestic Equity Policy | 8.39 | | 18.95 | | 1.22 | | 13.89 | | 12.00 | | 11.39 | | 12.72 | | 12.96 | | |
| Total International Equity (Net) | 2.73 | | 17.13 | | -3.69 | | 7.59 | | 4.75 | | 3.90 | | 7.09 | | 6.57 | | 09/01/2012 |
| Total International Equity (Gross) | 2.73 | | 17.14 | | -3.69 | | 7.60 | | 4.85 | | 4.07 | | 7.35 | | 6.86 | | |
| Total International Equity Policy | 2.67 | | 13.33 | | -4.20 | | 7.75 | | 4.57 | | 4.01 | | 6.82 | | N/A | | |
| Total Broad Market Fixed Income (Net) | -1.26 | | -1.02 | | -4.63 | | -3.14 | | -0.35 | | 0.90 | | N/A | | 0.90 | | 07/01/2018 |
| Total Broad Market Fixed Income (Gross) | -1.20 | | -0.86 | | -4.46 | | -3.01 | | -0.18 | | 1.05 | | N/A | | 1.05 | | |
| Total Fixed Income Policy | -0.84 | | -0.94 | | -5.73 | | -3.46 | | -1.05 | | 0.52 | | 0.90 | | 0.52 | | |
| Total Non-Core Fixed Income (Net) | 3.60 | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | 3.60 | | 04/01/2023 |
| Total Non-Core Fixed Income (Gross) | 4.91 | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | 4.91 | | |
| Total Fixed Income Policy | -0.84 | | -0.94 | | -5.73 | | -3.46 | | -1.05 | | 0.52 | | 0.90 | | -0.84 | | |
| Total Alternative (Net) | 9.42 | | 10.68 | | -41.66 | | N/A | | N/A | | N/A | | N/A | | -35.82 | | 06/01/2021 |
| Total Alternative (Gross) | 9.62 | | 11.47 | | -41.21 | | N/A | | N/A | | N/A | | N/A | | -35.32 | | |
| Total Alternative Policy | 11.81 | | 26.31 | | -2.21 | | 10.92 | | 9.90 | | 9.87 | | 11.43 | | 0.27 | | |
| Total Real Estate (Net)* | -6.52 | | -23.55 | | -7.60 | | -3.50 | | -2.08 | | -0.13 | | 1.86 | | 5.24 | | 08/01/2013 |
| Total Real Estate (Gross) | -6.34 | | -23.06 | | -7.05 | | -2.89 | | -1.42 | | 0.55 | | 2.51 | | 6.29 | | |
| Total Real Estate Policy | -2.86 | | -9.82 | | 8.30 | | 8.48 | | 6.97 | | 6.96 | | 7.46 | | 9.74 | | |
| Total Private Equity (Net)* | -3.14 | | -13.36 | | -0.73 | | 18.93 | | 16.53 | | 16.59 | | 16.12 | | 16.65 | | 09/01/2012 |
| Total Private Equity (Gross) | -3.12 | | -13.27 | | -0.62 | | 19.05 | | 16.68 | | 16.74 | | 16.28 | | 16.78 | | |
| Total Private Equity Policy | 9.55 | | 23.18 | | 6.49 | | 18.04 | | 16.17 | | 15.68 | | 16.95 | | 16.45 | | |

^{*}Time weighted returns are for reference. Please refer to IRR calculations on the following pages.



| Comparative Performance | • | ı | 1 | | 2 | | 3 | | 4 | ı | | ; | 7 | 7 | _ | | |
|--|--------------------|--------------|--------------------|-----------|---------------------|------------|---------------------|------------|--------------------|-------------|--------------------|-------------|-------|-------------|-----------------------|------|-------------------|
| | Qua Enc Jun- | rter ling | Ye End Jun-2 | ar ing | Yea End Jun-2 | ırs ing | Yea End Jun-2 | ars ing | Yea End Jun- | ars ling | Yea End Jun- | ars ling | Yea | ars ling | Incep End Jun-2 | ing | Inception Date |
| Total Domestic Equity | | | | | | | | | | | | | | | | | |
| Vanguard Instl Index (VINIX) (Net) | 8.73 | (34) | 19.55 | (34) | 3.35 | (25) | 14.57 | (21) | N/A | | N/A | | N/A | | 13.41 | (2) | 09/01/2019 |
| S&P 500 Index | 8.74 | (34) | 19.59 | (34) | 3.39 | (24) | 14.60 | (20) | 12.78 | (23) | 12.31 | (21) | 13.38 | (21) | 13.43 | (2) | |
| IM U.S. Large Cap Core Equity (MF) Median | 8.23 | | 18.44 | | 1.86 | | 13.41 | | 11.61 | | 11.37 | | 12.45 | | 10.64 | | |
| Geneva Mid Cap Growth Equity (Net) | 5.10 | (80) | 21.91 | (33) | -5.51 | (43) | 9.47 | (36) | 8.82 | (64) | 9.67 | (68) | 11.31 | (92) | 9.94 | (53) | 08/01/2005 |
| Geneva Mid Cap Growth Equity (Gross) | 5.25 | (80) | 22.43 | (30) | -5.08 | (38) | 9.89 | (28) | 9.27 | (56) | 10.13 | (60) | 11.82 | (83) | N/A | | |
| Russell Midcap Growth Index | 6.23 | (57) | 23.13 | (24) | -6.88 | (54) | 7.63 | (56) | 8.68 | (66) | 9.71 | (67) | 11.96 | (76) | 9.57 | (64) | |
| IM U.S. Mid Cap Growth Equity (SA+CF) Median | 6.49 | | 20.67 | | -6.63 | | 8.20 | | 9.41 | | 10.53 | | 13.05 | | 10.09 | | |
| Cooke & Bieler Mid Cap Value Equity | 5.90 | (21) | 12.46 | (62) | -0.46 | (87) | 14.67 | (81) | 8.14 | (72) | N/A | | N/A | | 7.66 | (29) | 08/01/2018 |
| Russell Midcap Value Index | 3.86 | (79) | 10.50 | (77) | -0.27 | (86) | 15.04 | (80) | 7.64 | (76) | 6.84 | (77) | 8.20 | (88) | 6.38 | (53) | |
| IM U.S. Mid Cap Value Equity (SA+CF) Median | 4.62 | | 14.23 | | 2.89 | | 17.82 | | 9.90 | | 8.06 | | 10.06 | | 6.47 | | |
| Total International Equity | | | | | | | | | | | | | | | | | |
| Pear Tree Polaris Foreign Value (QFVRX) | 1.91 | (82) | 14.37 | (74) | -4.81 | (96) | N/A | | N/A | | N/A | | N/A | | 7.17 | (57) | 09/01/2020 |
| MSCI EAFE (Net) Index | 2.95 | (47) | 18.77 | (40) | -1.17 | , , | 8.93 | (82) | 5.23 | (47) | 4.39 | (20) | 6.88 | (24) | 6.69 | , , | |
| IM International Value Equity (MF) Median | 2.90 | () | 17.51 | (- / | -0.16 | () | 11.25 | (-) | 5.14 | () | 3.24 | (- / | 5.91 | () | 7.63 | () | |
| Fidelity International Index (FSPSX) | 3.20 | (30) | 18.89 | (18) | -0.89 | (17) | N/A | | N/A | | N/A | | N/A | | 6.94 | (14) | 09/01/2020 |
| MSCI EAFE (Net) Index | 2.95 | (37) | 18.77 | (18) | -1.17 | (19) | 8.93 | (27) | 5.23 | (32) | 4.39 | (27) | 6.88 | (28) | 6.69 | (15) | |
| IM International Equity (MF) Median | 2.45 | | 13.34 | | -5.94 | | 6.28 | | 4.16 | | 3.11 | | 5.94 | | 1.53 | | |
| MFS International Growth R6 (MGRDX) (Net) | 2.97 | (28) | 18.55 | (31) | -1.39 | (9) | 8.36 | (15) | 6.88 | (24) | 6.82 | (23) | N/A | | 6.82 | (23) | 07/01/2018 |
| MSCI AC World ex USA Growth (Net) | 1.94 | (74) | 13.26 | (80) | -8.33 | (70) | 3.96 | (81) | 4.41 | (78) | 4.06 | (72) | 6.69 | (58) | 4.06 | (72) | |
| IM International Large Cap Growth Equity (MF) Median | 2.45 | | 16.77 | | -4.70 | | 6.51 | | 5.53 | | 4.72 | | 7.01 | | 4.72 | | |
| WCM Focused International Growth (WCMIX) (Net) | 3.59 | (18) | 19.34 | (24) | -7.18 | (66) | 6.58 | (49) | 8.38 | (12) | 9.09 | (1) | N/A | | 9.09 | (1) | 07/01/2018 |
| MSCI AC World ex USA (Net) | 2.44 | (52) | 12.72 | (84) | -4.70 | (50) | 7.22 | (33) | 4.08 | (83) | 3.52 | (86) | 6.32 | (70) | 3.52 | (86) | |
| IM International Large Cap Growth Equity (MF) Median | 2.45 | | 16.77 | | -4.70 | | 6.51 | | 5.53 | | 4.72 | | 7.01 | | 4.72 | | |
| Total Emerging Markets Equity | | | | | | | | | | | | | | | | | |
| Allspring Emerging Markets (Net) | 0.47 | (78) | 5.03 | (58) | -16.25 | (86) | -1.02 | (90) | 0.83 | (79) | 0.85 | (85) | 4.64 | (85) | 2.51 | (90) | 10/01/2013 |
| Allspring Emerging Markets (Gross) | 0.63 | (76) | 5.70 | (54) | -15.72 | (83) | -0.40 | (86) | 1.46 | (72) | 1.48 | (73) | 5.30 | (72) | 3.16 | (72) | |
| MSCI Emerging Markets (Net) Index | 0.90 | (72) | 1.75 | (80) | -12.81 | . , | 2.32 | (68) | 0.86 | (78) | 0.93 | (82) | 4.95 | (76) | 2.44 | , , | |
| IM Emerging Markets Equity (SA+CF) Median | 2.36 | | 6.71 | | -10.78 | • | 4.37 | | 2.73 | | 2.91 | | 6.12 | | 3.97 | • | |



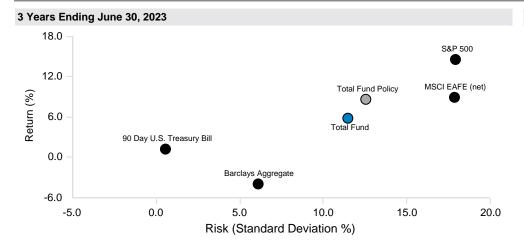


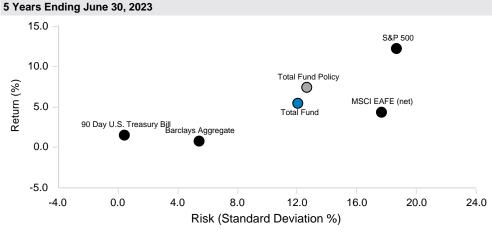
| 7 Years Ending Jun-2023 N/A 0.44 (98) 0.95 | Inception Ending Jun-2023 0.88 (18) 0.77 (26) 0.53 | Inception Date 08/01/2018 |
|--|---|---|
| 0.44 (98) 0.95 | 0.77 (26) 0.53 | |
| 0.44 (98) 0.95 | 0.77 (26) 0.53 | |
| 0.95 | 0.53 | |
| | | |
| N/A | N/A | |
| N/A | N/A | |
| | 1 1// 1 | 03/01/2023 |
| 0.44 | 1.67 | |
| | | |
| N/A | -35.82 (100) | 06/01/2021 |
| 14.88 (9) | 0.27 (32) | |
| 9.98 | -1.79 | |
| | | |
| N/A | 5.21 (N/A) | 03/01/2017 |
| N/A | , , | |
| | | |
| , | N/A | |
| | N/A 14.88 (9) 9.98 N/A N/A | N/A -35.82 (100) 14.88 (9) 0.27 (32) 9.98 -1.79 N/A 5.21 (N/A) N/A 6.22 (N/A) 6.97 (59) 7.03 (N/A) |



| Comparative Performance - IRR | | | | | | |
|--|------------------------------------|---------------------------------|----------------------------------|----------------------------------|--|-------------------|
| | 1 Quarter Ending Jun-2023 | 1 Year Ending Jun-2023 | 3 Years Ending Jun-2023 | 5 Years Ending Jun-2023 | Since Inception Ending Jun-2023 | Inception Date |
| Real Estate | | | | | | |
| Green Cities Company II | 1.10 | -47.06 | -10.64 | -2.85 | 6.66 | 08/28/2013 |
| Green Cities Company III | -22.60 | -42.91 | -15.63 | -7.07 | -3.39 | 03/03/2016 |
| Westport Real Estate Fund IV | -9.05 | -37.12 | -9.26 | -0.26 | 4.06 | 03/24/2014 |
| Long Wharf Real Estate Partners Fund V | -0.94 | -4.01 | 6.95 | 7.65 | 7.84 | 11/20/2015 |
| Private Equity | | | | | | |
| Ares Landmark Equity Partners XIV LP | -3.72 | -3.67 | 12.45 | 4.73 | 9.50 | 11/12/2009 |
| Private Equity Investment Fund V | -0.72 | -5.08 | -3.57 | 0.85 | -1.74 | 01/21/2010 |
| HarbourVest Partners IX [Consolidated] | 1.73 | -2.97 | 28.92 | 23.38 | 20.16 | 07/29/2013 |
| Pomona Capital VIII | -20.67 | -21.51 | 17.45 | 9.91 | 19.65 | 03/25/2014 |
| JPMorgan Venture Capital Fund V | -6.42 | -22.58 | 24.28 | 16.94 | 14.77 | 07/31/2015 |

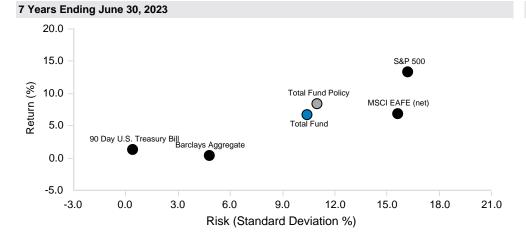


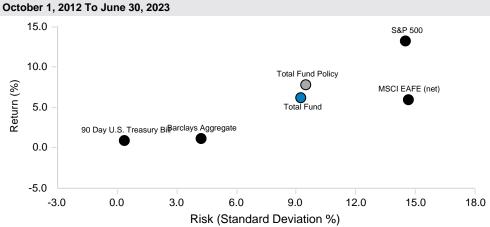




| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Down Market Capture |
|--------------------------|--------|-----------------------|-----------------|-------------------------|---------------------------|
| Total Fund | 5.87 | 11.49 | 0.44 | 85.87 | 95.93 |
| Total Fund Policy | 8.62 | 12.53 | 0.62 | 100.00 | 100.00 |

| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Down Market Capture |
|-------------------|--------|-----------------------|-----------------|-------------------------|---------------------------|
| Total Fund | 5.47 | 12.01 | 0.37 | 90.03 | 98.19 |
| Total Fund Policy | 7.46 | 12.67 | 0.51 | 100.00 | 100.00 |





| | Return | Standard Deviation | Sharpe Ratio | Up Market Capture | Down Market Capture |
|-------------------|--------|-----------------------|-----------------|-------------------------|---------------------------|
| Total Fund | 6.69 | 10.40 | 0.54 | 90.53 | 98.47 |
| Total Fund Policy | 8.43 | 10.96 | 0.67 | 100.00 | 100.00 |

| | Return | Standard Deviation | Sharpe Ratio | Market Capture | Market Capture | Inception Date |
|-------------------|--------|-----------------------|-----------------|-------------------|-------------------|-------------------|
| Total Fund | 6.19 | 9.22 | 0.60 | 93.23 | 104.96 | 10/01/2012 |
| Total Fund Policy | 7.83 | 9.47 | 0.75 | 100.00 | 100.00 | 10/01/2012 |



As of September 30, 2023

| Total Domestic Equity Estimated Annual Fee (%) Estimated Annual Fee (%) Total Domestic Equity 6,482.014 0.04 26,769 Geneva Mid Cap Growth Equity 12,674,439 0.60 76,047 Cooke & Bieler Mid Cap Value Equity 12,674,439 0.69 83,485 Total International Equity 17,525,982 1.01 177,012 Pear Tree Polaris Foreign Value (QFVRX) 17,525,982 1.01 177,012 Flieldily International Index (FSPSX) 11,297,270 0.04 3,954 MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 WCM Focused International Growth (WCMIX) 7,525,905 1.05 81,122 Total Emerging Markets 8,806,909 0.63 55,484 Total Emerging Markets 8,806,909 0.63 55,484 Total International Growth R6 (MGRDX) 7,954,905 1.50 12,7785 Total Alternative Beroins Credit Gamma 5,343,628 0.75 40,077 Total Alternative 1,585,752 1.50 23,786 |
|--|
| Total Domestic Equity Vanguard Instil Index (VINIX) 76,482,014 0.04 26,769 Geneva Mild Cap Growth Equity 12,674,439 0.60 76,047 Cooke & Bieler Mid Cap Value Equity 12,099,298 0.69 83,485 Total International Equity For plants Foreign Value (GFVRX) 17,525,982 1.01 177,012 Fieldlity International Index (FSPSX) 11,297,270 0.04 3,954 MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 MCM Focused International Growth (WCMIX) 7,725,905 1.05 81,122 Total Emerging Markets Total Fixed Income All Spring Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 5,343,628 0.75 40,077 Total Alternative Westport Real Estate Fund IV 2,922,015 1.50 23,786 Long Wh |
| Geneva Mid Cap Growth Equity 12,674,439 0.60 76,047 Cooke & Bieler Mid Cap Value Equity 12,099,298 0.69 83,485 Total International Equity V V V Pear Tree Polaris Foreign Value (QFVRX) 17,525,982 1.01 177,012 Fidelity International Index (FSPSX) 11,297,270 0.04 3,954 MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 WCM Focused International Growth (WCMIX) 7,725,905 1.05 81,122 Total Emerging Markets 8,806,909 0.63 55,484 56,484 Total Fixed Income Agg. 41,004,717 0.25 102,512 56,603 Alternative 41,004,717 0.25 102,512 56,603 57,785 Total Alternative 5,343,628 0.75 40,077 50,603 50,785 50,603 50,786 50,786 50,786 50,786 50,786 50,786 50,786 50,786 50,786 50,786 50,786 50,786 50,786 |
| Coke & Bieler Mid Cap Value Equity 12,099,298 0.69 83,485 Total International Equity 17,525,982 1.01 177,012 Fidelity International Index (FSPSX) 11,297,270 0.04 3,954 MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 WCM Focused International Growth (WCMIX) 7,524,905 1.05 81,122 Total Emerging Markets Alspring Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 5,548,99 0.5 40,075 Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,007 Total Real Estate Fund IV 2,922,015 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,906 |
| Total International Equity Pear Tree Polaris Foreign Value (QFVRX) 17,525,982 1.01 177,012 Ifcielity International Index (FSPSX) 11,297,270 0.04 3,954 MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 WCM Focused International Growth (WCMIX) 7,725,905 1.05 81,122 Total Emerging Markets Usering Emerging Markets Usering Markets Usering In Markets User Microscope Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 8,518,979 0.25 102,512 Serenitas Credit Gamma 5,343,628 0.75 40,077 Total Alternative Westport Real Estate Fund IV 1,585,752 1.50 23,786 Long Whaff Real Estate Puntlers Fund V 2,922,015 1.50 23,786 Long Whaff Real Estate Partners Fund V 2,922,015 1.50 29,101 JP Morgan Strategic Property 7,796,164 |
| Pear Tree Polaris Foreign Value (QFVRX) 17,525,982 1.01 177,012 Fidelity International Index (FSPSX) 11,297,270 0.04 3,954 MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 WCM Focused International Growth (WCMIX) 7,725,905 1.05 81,122 Total Emerging Markets Alspring Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 8,518,979 1.50 127,785 Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 23,786 Long Wharf Real Estate Portners Fund V 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,96,64 1.00 77,962 Total Private Equity |
| Fidelity International Index (FSPSX) 11,297,270 0.04 3,954 MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 WCM Focused International Growth (WCMIX) 7,725,905 1.05 81,122 Total Emerging Markets Use Emerging Markets Alspring Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 1,50 127,785 Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Partners XIV LP 74,905 1.00 74,90 |
| MFS International Growth R6 (MGRDX) 7,544,632 0.79 59,603 WCM Focused International Growth (WCMIX) 7,725,905 1.05 81,122 Total Emerging Markets Allspring Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 5,348,979 1.50 127,785 Total Alternative Total Restate Fund IV 5,343,628 0.75 40,077 Total Restate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 37,962 Total Private Equity Total Private Equity Partners XIV LP 74,905 1.00 749 |
| WCM Focused International Growth (WCMIX) 7,725,905 1.05 81,122 Total Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Strain Income Strain Income Strain Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 1,581,879 1,50 127,785 Total Alternative Total Real Estate Fund IV 5,343,628 0.75 40,077 Total Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Funder Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Total Emerging Markets Allspring Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 8,518,979 1.50 127,785 Total Atternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Westport Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Allspring Emerging Markets 8,806,909 0.63 55,484 Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 8,518,979 1.50 127,785 Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Westport Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 23,786 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Total Fixed Income Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 8,518,979 1.50 127,785 Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Westport Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Garcia Hamilton Fixed Income Agg. 41,004,717 0.25 102,512 Serenitas Credit Gamma 8,518,979 1.50 127,785 Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Westport Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Serenitas Credit Gamma 8,518,979 1.50 127,785 Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Westport Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Total Alternative Ark Innovation (ARKK) 5,343,628 0.75 40,077 Total Real Estate Westport Real Estate Fund IV 1,585,752 1.50 23,786 Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
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| Long Wharf Real Estate Partners Fund V 2,922,015 1.50 43,830 Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Green Cities Company III 1,940,049 1.50 29,101 JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| JP Morgan Strategic Property 7,796,164 1.00 77,962 Total Private Equity Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| Total Private EquityAres Landmark Equity Partners XIV LP74,9051.00749 |
| Ares Landmark Equity Partners XIV LP 74,905 1.00 749 |
| |
| Private Equity Investment Fund V 519,658 1.75 9.094 |
| |
| HarbourVest Partners IX [Consolidated] 8,159,420 1.00 81,594 |
| Pomona Capital VIII 491,650 1.00 4,917 |
| JPMorgan Venture Capital Fund V 8,198,566 0.55 45,092 |
| Cash |
| Liquid Reserves 9,860,485 0.45 44,372 |
| Total Fund 250,572,437 0.48 1,194,346 |



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.

This performance report is based on data obtained by the client's custodian(s), investment fund administrator, or other sources believed to be reliable. While these sources are believed to be reliable, the data providers are responsible for the accuracy and completeness of their statements. Clients are encouraged to compare the records of their custodian(s) to ensure this report fairly and accurately reflects their various asset positions.

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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Clients first.



CHICAGO | CLEVELAND | DALLAS | DETROIT | ORLANDO | PITTSBURGH | RENO

Investment Performance Review Period Ending October 31, 2023

Town of Palm Beach Retirement System

Monthly Preliminary Returns





| | | | Index Re | turns (%) | | | |
|---------------------------|--------|------------|----------|-----------|--------------------|--------------------|----|
| <u>Equities</u> | Month | <u>3 M</u> | YTD | 1 Year | <u>3 Yr</u> Ann | <u>5 Yr</u> Ann | - |
| S&P 500 Total Return | (2.10) | (8.25) | 10.68 | 10.14 | 10.36 | 11.01 | _ |
| Russell Midcap Index | (5.00) | (12.90) | (1.28) | (1.01) | 6.04 | 7.14 | |
| Russell 2000 Index | (6.82) | (16.69) | (4.45) | (8.56) | 3.95 | 3.31 | ٠, |
| Russell 1000 Growth Index | (1.42) | (7.62) | 23.20 | 18.95 | 8.70 | 14.22 | |
| Russell 1000 Value Index | (3.53) | (9.75) | (1.80) | 0.13 | 10.21 | 6.60 | _ |
| Russell 3000 Index | (2.65) | (9.08) | 9.41 | 8.38 | 9.19 | 10.23 | |
| MSCI EAFE NR | (4.05) | (10.88) | 2.74 | 14.40 | 5.73 | 4.10 | |
| MSCI EM NR | (3.89) | (12.16) | (2.14) | 10.80 | (3.67) | 1.59 | _ |
| | | | | | | | |

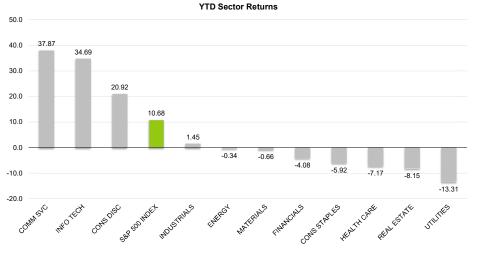
| | Russell Ir | ndices Style | Returns | | | | |
|---|------------|--------------|---------|---|-------|-------|-------|
| | V | В | G | | V | В | G |
| L | -1.8 | 10.3 | 23.2 | L | -7.6 | -19.1 | -29.1 |
| M | -4.5 | -1.3 | 4.3 | М | -12.1 | -17.3 | -26.7 |
| s | -6.5 | -4.5 | -2.9 | s | -14.5 | -20.5 | -26.4 |
| | | YTD | | ' | | 2022 | |

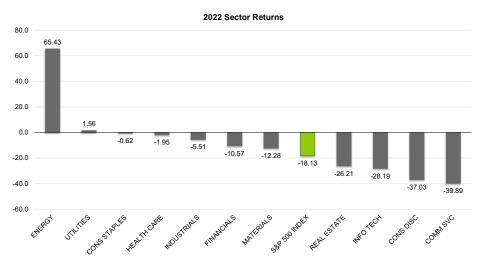
| | | Index Re | _ | | | |
|---------------------------------|--------------|------------|--------|--------|-----------------------|-------------------|
| Fixed Income | <u>Month</u> | <u>3 M</u> | YTD | 1 Year | Mod. Adj. Duration | Yield to Worst |
| U.S. Aggregate | (1.58) | (4.69) | (2.77) | 0.36 | 6.04 | 5.65 |
| U.S. Corporate Investment Grade | (1.87) | (5.23) | (1.86) | 2.77 | 6.56 | 6.35 |
| U.S. Corporate High Yield | (1.16) | (2.06) | 4.63 | 6.23 | 3.55 | 9.49 |
| Global Aggregate | (1.20) | (5.39) | (3.38) | 1.72 | 6.46 | 4.35 |

| | Levels | | | | |
|--------------------|----------|----------|----------|--|--|
| Currencies | 10/31/23 | 12/31/22 | 12/31/21 | | |
| Euro Spot | 1.06 | 1.07 | 1.14 | | |
| British Pound Spot | 1.22 | 1.21 | 1.35 | | |
| Japanese Yen Spot | 151.75 | 131.12 | 115.08 | | |
| Swiss Franc Spot | 0.91 | 0.92 | 0.91 | | |
| | | | | | |

| | | | Levels (%) | | |
|--------------------------------|----------|----------|------------|----------|----------|
| Key Rates | 10/31/23 | 12/31/22 | 12/31/21 | 12/31/20 | 12/31/19 |
| US Generic Govt 3 Mth | 5.46 | 4.34 | 0.03 | 0.06 | 1.54 |
| US Generic Govt 2 Yr | 5.09 | 4.43 | 0.73 | 0.12 | 1.57 |
| US Generic Govt 10 Yr | 4.93 | 3.87 | 1.51 | 0.91 | 1.92 |
| US Generic Govt 30 Yr | 5.09 | 3.96 | 1.90 | 1.64 | 2.39 |
| ICE LIBOR USD 3M | 5.64 | 4.77 | 0.21 | 0.24 | 1.91 |
| Euribor 3 Month ACT/360 | 3.97 | 2.13 | (0.57) | (0.55) | (0.38) |
| Bankrate 30Y Mortgage Rates Na | 7.74 | 6.66 | 3.27 | 2.87 | 3.86 |
| Prime | 8 50 | 7 50 | 3 25 | 3 25 | 4 75 |

| | | Levels | |
|----------------------|----------|----------|----------|
| <u>Commodities</u> | 10/31/23 | 12/31/22 | 12/31/21 |
| Oil | 81.02 | 80.45 | 67.42 |
| Gasoline | 3.46 | 3.21 | 3.29 |
| Natural Gas | 3.58 | 3.93 | 3.04 |
| Gold | 1,994.30 | 1,857.70 | 1,187.30 |
| Silver | 22.95 | 24.21 | 16.50 |
| Copper | 364.90 | 381.45 | 437.85 |
| Corn | 478.75 | 678.00 | 556.50 |
| BBG Commodity TR Idx | 238.05 | 245.89 | 211.80 |
| | | | |





Source: Bloomberg & Investment Metrics. For informational purposes only and should not be regarded as investment advice. Information is based on sources and data believed to be reliable, but

AndCo Consulting cannot guarantee the accuracy, adequacy or completeness of the information. The material provided herein is valid only as of the date of distribution and not as of any future date.

*Heat maps are displayed utilizing a 9-color scale, with green as the highest return for the time period noted and red as the lowest return for the time period noted. Color scales within each time period are mutually exclusive.

| Manager | MV as of | Most Recent Statement Date |
|---------|----------|----------------------------|
|---------|----------|----------------------------|

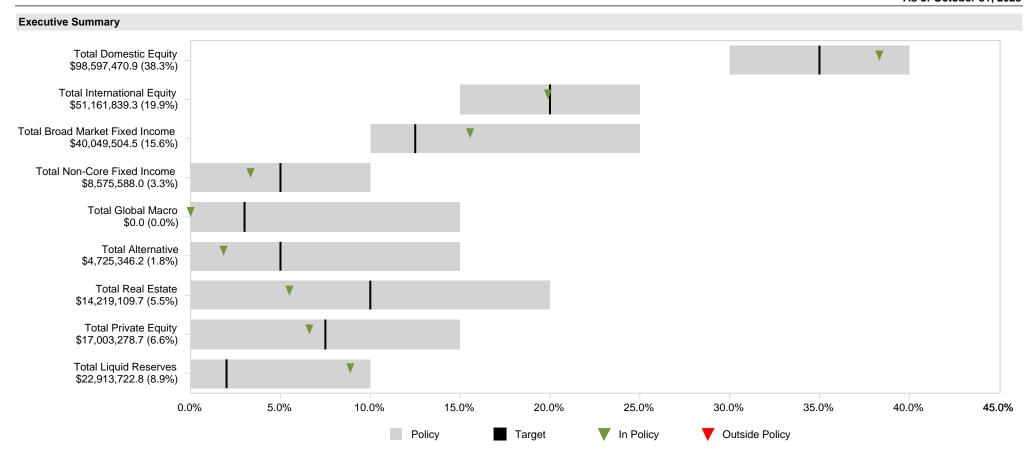
| HarbourVest Partners 08/30/2023 - Distrubitor JP Morgan Venture Cap V 07/31/2023 - Distribution 08/30/2023 - Distribution | on 6/30/2023 |
|---|--------------|
| JP Morgan Venture Can V 07/31/2023 - Distribution | |
| or worgan voltare dap v | on 6/30/2023 |
| Landmark XIV 9/30/2023 | 9/30/2023 |
| Pomona Cap VIII 07/26/2023 - Distribution | on 6/30/2023 |
| Private Equity Fund V 6/30/2023 | 6/30/2023 |

| | Real Estate | |
|-------------------------------|-------------|------------|
| Green Cities III | 9/30/2023 | 9/30/2023 |
| Long Wharf Real Estate Fund V | 10/31/2023 | 10/31/2023 |
| Westport RE Fund IV | 9/30/2023 | 9/30/2023 |
| JP Morgan Strategic Property | 10/31/2023 | 10/31/2023 |
| | | |

Performance and valuations presented in this report are preliminary, with 85.4% of assets reporting finalized figures.

NAVs for non-reporting investments are carried forward from the most recent valuation.

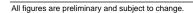




| Asset Allocation Compliance | | | | | |
|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| | Asset Allocation \$ | Current Allocation (%) | Minimum Allocation (%) | Maximum Allocation (%) | Target Allocation (%) |
| Total Fund | 257,245,860 | 100.0 | N/A | N/A | 100.0 |
| Total Domestic Equity | 98,597,471 | 38.3 | 30.0 | 40.0 | 35.0 |
| Total International Equity | 51,161,839 | 19.9 | 15.0 | 25.0 | 20.0 |
| Total Broad Market Fixed Income | 40,049,504 | 15.6 | 10.0 | 25.0 | 12.5 |
| Total Non-Core Fixed Income | 8,575,588 | 3.3 | 0.0 | 10.0 | 5.0 |
| Total Global Macro | - | 0.0 | 0.0 | 15.0 | 3.0 |
| Total Alternative | 4,725,346 | 1.8 | 0.0 | 15.0 | 5.0 |
| Total Real Estate | 14,219,110 | 5.5 | 0.0 | 20.0 | 10.0 |
| Total Private Equity | 17,003,279 | 6.6 | 0.0 | 15.0 | 7.5 |
| Total Liquid Reserves | 22,913,723 | 8.9 | 0.0 | 10.0 | 2.0 |



| | Market Value 10/01/2023 | Net Transfers | Contributions | Distributions | Management Fees | Other Expenses | Income | Apprec./ Deprec. | Market Value 10/31/2023 |
|--|----------------------------|------------------|---------------|---------------|-----------------|-------------------|---------|---------------------|----------------------------|
| Total Domestic Equity | 101,255,752 | - | - | - | - | - | 12,785 | -2,671,066 | 98,597,471 |
| Vanguard Instl Index (VINIX) | 76,482,014 | - | - | - | - | - | - | -1,611,227 | 74,870,787 |
| Geneva Mid Cap Growth Equity | 12,674,439 | - | - | - | - | - | 4,055 | -546,552 | 12,131,943 |
| Cooke & Bieler Mid Cap Value Equity | 12,099,298 | - | - | - | - | - | 8,730 | -513,287 | 11,594,741 |
| Total Developed Country Equity | 44,093,789 | - | - | - | - | - | - | -1,473,268 | 42,620,521 |
| Pear Tree Polaris Foreign Value (QFVRX) | 17,525,982 | - | - | - | - | - | - | -670,210 | 16,855,773 |
| Fidelity International Index (FSPSX) | 11,297,270 | - | _ | - | - | - | - | -364,594 | 10,932,676 |
| MFS International Growth R6 (MGRDX) | 7,544,632 | - | - | - | - | - | - | -159,579 | 7,385,053 |
| WCM Focused International Growth (WCMIX) | 7,725,905 | - | - | - | - | - | - | -278,886 | 7,447,019 |
| Total Emerging Markets Equity | 8,806,909 | 4,484 | - | - | -4,484 | - | - | -265,590 | 8,541,319 |
| Allspring Emerging Markets | 8,806,909 | 4,484 | - | - | -4,484 | - | - | -265,590 | 8,541,319 |
| Total Fixed Income | 49,523,696 | - | - | - | -24,801 | - | 115,022 | -988,824 | 48,625,092 |
| Garcia Hamilton Fixed Income Agg. | 41,004,717 | - | - | - | - | - | 115,022 | -1,070,234 | 40,049,504 |
| Serenitas Credit Gamma | 8,518,979 | - | - | - | -24,801 | - | - | 81,410 | 8,575,588 |
| Total Alternative | 5,343,628 | - | - | - | - | - | - | -618,282 | 4,725,346 |
| Ark Innovation (ARKK) | 5,343,628 | - | - | - | - | - | - | -618,282 | 4,725,346 |
| Total Real Estate | 14,243,980 | -28 | - | - | -20,167 | - | 23,000 | -27,675 | 14,219,110 |
| Green Cities Company III | 1,940,049 | - | - | - | - | - | - | - | 1,940,049 |
| Long Wharf Real Estate Partners Fund V | 2,922,015 | = | - | = | - | - | - | 225 | 2,922,240 |
| Westport Real Estate Fund IV | 1,585,752 | = | - | = | - | - | - | - | 1,585,752 |
| JP Morgan Strategic Property | 7,796,164 | -28 | - | = | -20,167 | - | 23,000 | -27,900 | 7,771,069 |
| Total Private Equity | 17,444,199 | -435,738 | - | - | -5,182 | - | - | - | 17,003,279 |
| Ares Landmark Equity Partners XIV LP | 74,905 | - | - | - | - | - | - | - | 74,905 |
| Private Equity Investment Fund V | 519,658 | - | - | - | - | - | - | - | 519,658 |
| HarbourVest Partners IX (Consolidated) | 8,159,420 | - | - | - | - | - | - | - | 8,159,420 |
| Pomona Capital VIII | 491,650 | -440,920 | - | - | - | - | - | - | 50,730 |
| JPMorgan Venture Capital Fund V | 8,198,566 | 5,182 | - | - | -5,182 | - | - | - | 8,198,566 |
| Total Liquid Reserves | 9,860,485 | - | 13,057,244 | - | - | - | 41,412 | -45,418 | 22,913,723 |
| Liquid Reserves | 9,860,485 | - | 13,057,244 | - | - | - | 41,412 | -45,418 | 22,913,723 |
| Total Fund | 250,572,437 | -431,282 | 13,057,244 | | -54,634 | - | 192,219 | -6,090,124 | 257,245,860 |





Financial Reconciliation - Fiscal Year To Date **Market Value** Net Management Other Apprec./ Market Value Contributions **Distributions** Income 10/01/2023 **Transfers** Fees Expenses Deprec. 10/31/2023 **Total Domestic Equity** 101,255,752 12.785 -2,671,066 98,597,471 Vanguard Instl Index (VINIX) 76.482.014 -1,611,227 74.870.787 Geneva Mid Cap Growth Equity 12,674,439 4,055 -546,552 12,131,943 Cooke & Bieler Mid Cap Value Equity 12.099.298 8.730 -513.287 11.594.741 **Total Developed Country Equity** 44,093,789 -1,473,268 42,620,521 Pear Tree Polaris Foreign Value (QFVRX) 17,525,982 -670,210 16.855.773 Fidelity International Index (FSPSX) 11,297,270 -364,594 10,932,676 MFS International Growth R6 (MGRDX) 7,544,632 -159,579 7,385,053 WCM Focused International Growth (WCMIX) 7,725,905 -278,886 7,447,019 **Total Emerging Markets Equity** 8,806,909 4,484 -4,484 -265,590 8,541,319 Allspring Emerging Markets 8,806,909 4,484 -4,484 -265,590 8,541,319 **Total Fixed Income** 49,523,696 -24,801 115,022 -988,824 48,625,092 Garcia Hamilton Fixed Income Agg. 41,004,717 115,022 -1,070,234 40,049,504 Serenitas Credit Gamma 8,518,979 -24,801 81,410 8,575,588 **Total Alternative** 5,343,628 -618,282 4,725,346 -618,282 4,725,346 Ark Innovation (ARKK) 5,343,628 _ **Total Real Estate** 14,243,980 -28 -20.167 23.000 -27.675 14,219,110 Green Cities Company III 1,940,049 1,940,049 Long Wharf Real Estate Partners Fund V 2,922,015 225 2.922.240 Westport Real Estate Fund IV 1.585.752 1.585.752 JP Morgan Strategic Property 7.796.164 -28 -20.167 23.000 -27.900 7.771.069 **Total Private Equity** -435,738 -5,182 17,444,199 17,003,279

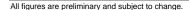
-5,182

-54.634

41,412

41,412

192.219



Ares Landmark Equity Partners XIV LP

HarbourVest Partners IX (Consolidated)

Private Equity Investment Fund V

JPMorgan Venture Capital Fund V

Pomona Capital VIII

Liquid Reserves

Total Fund

Total Liquid Reserves

74,905

519,658

491,650

-440,920

-431.282

5,182

13,057,244

13,057,244

13.057.244

8,159,420

8,198,566

9,860,485

9,860,485

250.572.437



74,905

519,658

50,730

8,159,420

8,198,566

22,913,723

22,913,723

257.245.860

-45,418

-45,418

-6.090.124

| Asset Allocation & Performance | | | | | | | | | | | | |
|---|-----------------------|-------|--------|--------|--------|--------|--------|-----------|-------|-------|-----------|-------------------|
| | Allocatio | on | | | | | Perfo | rmance(%) |) | | | |
| | Market Value \$ | % | МТН | QTD | YTD | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | Inception | Inception Date |
| Total Fund (Net) | 257,245,860 | 100.0 | -2.38 | -2.38 | 1.66 | -2.38 | 2.68 | 2.40 | 4.62 | 5.36 | 5.52 | 09/01/2012 |
| Total Fund (Gross) | | | -2.36 | -2.36 | 1.95 | -2.36 | 2.99 | 2.62 | 4.86 | 5.62 | 5.78 | |
| Total Fund Policy | | | -2.38 | -2.38 | 4.22 | -2.38 | 6.47 | 5.11 | 6.65 | 7.18 | 7.13 | |
| Total Fund Policy x Pvt Invest | | | -2.26 | -2.26 | 3.37 | -2.26 | 5.61 | 3.79 | 5.21 | 5.72 | 6.21 | |
| Total Domestic Equity (Net) | 98,597,471 | 38.3 | -2.63 | -2.63 | 8.21 | -2.63 | 8.42 | 9.14 | 9.82 | 10.77 | 10.71 | 09/01/2012 |
| Total Domestic Equity (Gross) | , , | | -2.63 | -2.63 | 8.38 | -2.63 | 8.59 | 9.29 | 9.97 | 10.94 | 10.92 | |
| Total Domestic Equity Policy | | | -2.65 | -2.65 | 9.41 | -2.65 | 8.38 | 9.19 | 10.23 | 11.45 | 11.95 | |
| Total International Equity (Net) | 42,620,521 | 16.6 | -3.34 | -3.34 | 2.67 | -3.34 | 12.66 | 3.09 | 4.13 | 4.81 | 5.55 | 09/01/2012 |
| Total International Equity (Gross) | , , | | -3.34 | -3.34 | 2.67 | -3.34 | 12.67 | 3.09 | 4.27 | 5.05 | 5.84 | |
| Total International Equity Policy | | | -4.11 | -4.11 | 1.47 | -4.11 | 12.66 | 3.54 | 3.96 | 4.99 | N/A | |
| Total Broad Market Fixed Income (Net) | 40,049,504 | 15.6 | -2.33 | -2.33 | -5.02 | -2.33 | -1.17 | -5.69 | -0.53 | N/A | -0.57 | 07/01/2018 |
| Total Broad Market Fixed Income (Gross) | | | -2.33 | -2.33 | -4.80 | -2.33 | -0.95 | -5.53 | -0.35 | N/A | -0.41 | |
| Total Fixed Income Policy | | | -1.58 | -1.58 | -2.77 | -1.58 | 0.36 | -5.57 | -0.30 | -0.01 | -0.43 | |
| Total Non-Core Fixed Income (Net) | 8,575,588 | 3.3 | 0.66 | 0.66 | N/A | 0.66 | N/A | N/A | N/A | N/A | 7.25 | 04/01/2023 |
| Total Non-Core Fixed Income (Gross) | | | 0.96 | 0.96 | N/A | 0.96 | N/A | N/A | N/A | N/A | 9.79 | |
| Total Fixed Income Policy | | | -1.58 | -1.58 | -2.77 | -1.58 | 0.36 | -5.57 | -0.30 | -0.01 | -5.56 | |
| Total Alternative (Net) | 4,725,346 | 1.8 | -11.57 | -11.57 | 12.29 | -11.57 | -8.36 | N/A | N/A | N/A | -37.96 | 06/01/2021 |
| Total Alternative (Gross) | | | -11.51 | -11.51 | 12.99 | -11.51 | -7.69 | N/A | N/A | N/A | -37.48 | |
| Total Alternative Policy | | | -3.52 | -3.52 | 17.87 | -3.52 | 21.06 | 5.71 | 7.92 | 9.77 | -3.33 | |
| Total Real Estate (Net)* | 14,219,110 | 5.5 | -0.17 | -0.17 | -16.62 | -0.17 | -27.41 | -5.85 | -1.96 | 0.63 | 4.34 | 08/01/2013 |
| Total Real Estate (Gross) | | | -0.03 | -0.03 | -15.57 | -0.03 | -26.45 | -5.07 | -1.18 | 1.39 | 5.44 | |
| Total Real Estate Policy | | | 0.00 | 0.00 | -7.89 | 0.00 | -12.40 | 7.57 | 6.10 | N/A | 9.20 | |
| Total Private Equity (Net)* | 17,003,279 | 6.6 | -0.03 | -0.03 | -4.64 | -0.03 | -8.10 | 14.21 | 15.58 | 15.58 | 16.11 | 09/01/2012 |
| Total Private Equity (Gross) | | | 0.00 | 0.00 | -4.53 | 0.00 | -7.99 | 14.33 | 15.73 | 15.74 | 16.24 | |
| Total Private Equity Policy | | | -1.86 | -1.86 | 13.45 | -1.86 | 13.45 | 13.67 | 14.34 | 15.61 | 15.46 | |
| Total Liquid Reserves | 22,913,723 | 8.9 | | | | | | | | | | |
| | | | | | | | | | | | | |

All returns and valuations presented in this report are preliminary and subject to change *Time weighted returns are for reference. Please refer to IRR calculations in quarterly report.



| Asset Allocation & Performance | Allocation | | | | | Porfe | rmance(%) | | | | |
|--|-------------|-------|-------|-------|-------|--------|--------------|----------|-------|-----------|-------------------|
| | Market | | | | | 1 6110 | illiance(70 | <u>'</u> | | | |
| | Value \$ | MTH | QTD | YTD | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | Inception | Inception Date |
| Total Domestic Equity | | | | | | | | | | | |
| Vanguard Instl Index (Net) | 74,870,787 | -2.11 | -2.11 | 10.66 | -2.11 | 10.10 | 10.33 | N/A | N/A | 10.81 | 09/01/2019 |
| S&P 500 Index (Net) | | -2.13 | -2.13 | 10.25 | -2.13 | 9.59 | 9.84 | 10.44 | 11.59 | 10.28 | |
| Geneva Mid Cap Growth Equity (Net) | 12,131,943 | -4.28 | -4.28 | 3.84 | -4.28 | 4.10 | 3.32 | 8.48 | 10.53 | 9.21 | 08/01/2005 |
| Geneva Mid Cap Growth Equity (Gross) | | -4.28 | -4.28 | 4.45 | -4.28 | 4.71 | 3.82 | 8.97 | 11.04 | N/A | |
| Russell Midcap Growth Index | | -5.10 | -5.10 | 4.28 | -5.10 | 3.35 | 0.79 | 8.09 | 10.22 | 8.75 | |
| Cooke & Bieler Mid Cap Value Equity (Net) | 11,594,741 | -4.17 | -4.17 | 2.04 | -4.17 | 4.78 | 9.82 | 7.48 | N/A | 5.63 | 08/01/2018 |
| Cooke & Bieler Mid Cap Value Equity (Gross) | | -4.17 | -4.17 | 2.75 | -4.17 | 5.51 | 10.39 | 8.03 | N/A | 6.14 | |
| Russell Midcap Value Index | | -4.95 | -4.95 | -4.44 | -4.95 | -3.56 | 8.78 | 5.69 | 6.43 | 4.03 | |
| Total International Equity | | | | | | | | | | | |
| Pear Tree Polaris Foreign Value (QFVRX)(Net) | 16,855,773 | -3.82 | -3.82 | 3.71 | -3.82 | 14.09 | 7.09 | N/A | N/A | 4.37 | 09/01/2020 |
| MSCI EAFE Index (Net) | | -4.05 | -4.05 | 2.74 | -4.05 | 14.40 | 5.73 | 4.10 | 4.98 | 3.21 | |
| MSCI EAFE Value Index (Net) | | -4.40 | -4.40 | 5.08 | -4.40 | 18.11 | 10.97 | 3.30 | 4.24 | 7.34 | |
| Fidelity International Index (FSPSX)(Net) | 10,932,676 | -3.23 | -3.23 | 3.37 | -3.23 | 15.37 | 5.93 | N/A | N/A | 3.51 | 09/01/2020 |
| MSCI EAFE (Net) Index | | -4.05 | -4.05 | 2.74 | -4.05 | 14.40 | 5.73 | 4.10 | 4.98 | 3.21 | |
| MFS International Growth (MGRDX) (Net) | 7,385,053 | -2.12 | -2.12 | 1.50 | -2.12 | 11.13 | 3.10 | 6.17 | N/A | 4.35 | 07/01/2018 |
| MSCI AC World ex USA (Net) | | -4.13 | -4.13 | 0.99 | -4.13 | 12.07 | 3.03 | 3.46 | 4.32 | 1.74 | |
| MSCI AC World ex USA Growth (Net) | | -3.89 | -3.89 | -1.38 | -3.89 | 9.19 | -2.57 | 3.75 | 4.58 | 1.57 | |
| WCM Focused International Growth (WCMIX) (Net) | 7,447,019 | -3.61 | -3.61 | 0.51 | -3.61 | 7.33 | -0.51 | 7.87 | N/A | 5.87 | 07/01/2018 |
| MSCI AC World ex USA (Net) | | -4.13 | -4.13 | 0.99 | -4.13 | 12.07 | 3.03 | 3.46 | 4.32 | 1.74 | |
| MSCI AC World ex USA Growth (Net) | | -3.89 | -3.89 | -1.38 | -3.89 | 9.19 | -2.57 | 3.75 | 4.58 | 1.57 | |
| Total Emerging Markets Equity | | | | | | | | | | | |
| Allspring Emerging Markets (Net) | 8,541,319 | -3.07 | -3.07 | -4.05 | -3.07 | 9.31 | -6.69 | 1.49 | 2.02 | 1.50 | 10/01/2013 |
| Allspringl Emerging Markets (Gross) | | -3.02 | -3.02 | -3.54 | -3.02 | 10.00 | -6.10 | 2.13 | 2.66 | 2.14 | |
| MSCI Emerging Markets (Net) Index | | -3.89 | -3.89 | -2.14 | -3.89 | 10.80 | -3.67 | 1.59 | 2.61 | 1.65 | |



| | Allocation | | | | | Perfo | rmance(% |) | | | |
|--|-----------------------|--------|--------|-------|--------|--------|----------|-------|-------|-----------|-------------------|
| | Market Value \$ | МТН | QTD | YTD | FYTD | 1 YR | 3 YR | 5 YR | 7 YR | Inception | Inception Date |
| Total Broad Market Fixed Income | | | | | | | | | | | |
| Garcia Hamilton Fixed Income Agg (Net) | 40,049,504 | -2.33 | -2.33 | -5.02 | -2.33 | -1.17 | -5.69 | -0.56 | N/A | -0.60 | 08/01/2018 |
| Garcia Hamilton Fixed Income Agg. (Gross) | | -2.33 | -2.33 | -4.80 | -2.33 | -0.95 | -5.53 | -0.39 | N/A | -0.44 | |
| Blmbg. U.S. Aggregate Index | | -1.58 | -1.58 | -2.77 | -1.58 | 0.36 | -5.57 | -0.06 | -0.21 | -0.21 | |
| Total Non-Core Fixed Income | | | | | | | | | | | |
| Serenitas Credit Gamma (Net) | 8,575,588 | 0.66 | 0.66 | N/A | 0.66 | N/A | N/A | N/A | N/A | N/A | 03/01/2023 |
| Blmbg. U.S. Aggregate Index | | -1.58 | -1.58 | -2.77 | -1.58 | 0.36 | -5.57 | -0.06 | -0.21 | -3.16 | |
| Total Alternative | | | | | | | | | | | |
| Ark Innovation (ARKK) (Net) | 4,725,346 | -11.57 | -11.57 | 12.29 | -11.57 | -8.36 | N/A | N/A | N/A | -37.96 | 06/01/2021 |
| MSCI ACWI IMI Disruptive Technology Index (Net) | | -3.52 | -3.52 | 17.87 | -3.52 | 21.06 | 4.91 | 11.21 | 12.91 | -3.33 | |
| Total Real Estate | | | | | | | | | | | |
| JP Morgan Strategic Property (Net) | 7,771,069 | -0.32 | -0.32 | -8.50 | -0.32 | -12.63 | 4.67 | 3.52 | N/A | 4.36 | 03/01/2017 |
| JP Morgan Strategic Property (Gross) | | -0.06 | -0.06 | -7.54 | -0.06 | -11.72 | 5.77 | 4.59 | N/A | 5.39 | |
| NCREIF Fund Index-Open End Diversified Core (EW) | | 0.00 | 0.00 | -7.89 | 0.00 | -12.40 | 7.57 | 6.10 | 6.73 | 6.73 | |
| Total Liquid Reserves | 22,913,723 | | | | | | | | | | |

Annualized Cash Yield: 5.02% (10/31/2023)



| llocation Mandate | Weight (%) | Allocation Mandate | Weight (%) |
|---|------------|--|---------------|
| an-1979 | - , | May-2021 | 5 (**) |
| ussell 3000 Index | 30.00 | Russell 3000 Index | 35.00 |
| ISCI EAFE (Net) Index | 13.00 | MSCI AC World ex USA | 20.00 |
| Imbg. U.S. Aggregate Index | 24.00 | Total Fixed Income Policy | 17.50 |
| PI + 5% | 9.00 | NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 |
| 0 Day T-Bill + 3.75% | 22.00 | Total Global Macro Policy | 3.00 |
| &P 500 + 5% | 2.00 | Total Alternative Policy | 5.00 |
| | | Total Private Equity Policy | 7.50 |
| ul-2013 | | 90 Day U.S. Treasury Bill | 2.00 |
| &P 500 Index | 7.50 | , | |
| ISCI EAFE (Net) Index | 15.00 | Mar-2023 | |
| Imbg. U.S. Aggregate Index | 17.50 | Russell 3000 Index | 35.00 |
| loomberg Commodity Index Total Return | 2.50 | MSCI AC World ex USA | 20.00 |
| 0 Day T-Bills + 5% | 15.00 | Total Fixed Income Policy | 20.50 |
| &P 500 + 5% | 10.00 | NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 |
| ussell Midcap Value Index | 3.75 | Total Alternative Policy | 5.00 |
| ussell Midcap Growth Index | 3.75 | Total Private Equity Policy | 7.50 |
| ISCI Emerging Markets (Net) Index | 10.00 | 90 Day U.S. Treasury Bill | 2.00 |
| loomberg U.S. TIPS Index | 2.50 | | |
| Imbg. U.S. Corp High Yield | 2.50 | | |
| CREIF Property Index | 10.00 | | |
| an-2017 | | | |
| ussell 3000 Index | 35.00 | | |
| ISCI AC World ex USA | 20.00 | | |
| Imbg. U.S. Aggregate Index | 12.50 | | |
| Imbg. Global Multiverse | 5.00 | | |
| CREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| &P 500 + 3% | 7.50 | | |
| otal GTAA/Hedge Fund Policy | 10.00 | | |
| ct-2020 | | | |
| ussell 3000 Index | 35.00 | | |
| ISCI AC World ex USA | 20.00 | | |
| otal Fixed Income Policy | 17.50 | | |
| CREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| &P 500 + 3% | 7.50 | | |
| otal GTAA/Hedge Fund Policy | 10.00 | | |



| Total Fund Policy x Private Investments | | | |
|--|------------|--|------------|
| Allocation Mandate | Weight (%) | Allocation Mandate | Weight (%) |
| Jan-1979 | | May-2021 | |
| Russell 3000 Index | 30.00 | Russell 3000 Index | 35.00 |
| MSCI EAFE (Net) Index | 13.00 | MSCI AC World ex USA | 20.00 |
| Blmbg. U.S. Aggregate Index | 24.00 | Total Fixed Income Policy | 17.50 |
| CPI + 5% | 9.00 | NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 |
| 90 Day T-Bill + 3.75% | 22.00 | Total Global Macro Policy | 3.00 |
| S&P 500 + 5% | 2.00 | Total Alternative Policy | 5.00 |
| | | 0% | 7.50 |
| Jul-2013 | | 90 Day U.S. Treasury Bill | 2.00 |
| S&P 500 Index | 7.50 | | |
| MSCI EAFE (Net) Index | 15.00 | | |
| Blmbg. U.S. Aggregate Index | 17.50 | | |
| Bloomberg Commodity Index Total Return | 2.50 | | |
| 90 Day T-Bills + 5% | 15.00 | | |
| S&P 500 + 5% | 10.00 | | |
| Russell Midcap Value Index | 3.75 | | |
| Russell Midcap Growth Index | 3.75 | | |
| MSCI Emerging Markets (Net) Index | 10.00 | | |
| Bloomberg U.S. TIPS Index | 2.50 | | |
| Blmbg. U.S. Corp High Yield | 2.50 | | |
| NCREIF Property Index | 10.00 | | |
| Jan-2017 | | | |
| Russell 3000 Index | 35.00 | | |
| MSCI AC World ex USA | 20.00 | | |
| Blmbg. U.S. Aggregate Index | 12.50 | | |
| Blmbg. Global Multiverse | 5.00 | | |
| NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| 0% | 17.50 | | |
| Oct-2020 | | | |
| Russell 3000 Index | 35.00 | | |
| MSCI AC World ex USA | 20.00 | | |
| Total Fixed Income Policy | 17.50 | | |
| NCREIF Fund Index-Open End Diversified Core (EW) | 10.00 | | |
| 0% | 17.50 | | |



| Total Domestic Equity Policy | | Total Alternative Policy | |
|------------------------------|------------|---|------------|
| Allocation Mandate | Weight (%) | Allocation Mandate | Weight (%) |
| Jan-1926 | | Jan-1999 | |
| S&P 500 Index | 100.00 | S&P 500 Index (Net) | 100.00 |
| Jan-2017 | | May-2021 | |
| Russell 3000 Index | 100.00 | MSCI ACWI IMI Disruptive Technology Index (Net) | 100.00 |

| Total luture of an al Faulta Ballian | | Total Real Estate Policy | |
|--------------------------------------|------------|---|------------|
| Total International Equity Policy | | Allocation Mandate | Weight (%) |
| Allocation Mandate | Weight (%) | Sep-2013 | |
| Oct-2012 MSCI EAFE (Net) Index | 100.00 | NCREIF Property + 3% | 100.00 |
| Jan-2017 MSCI AC World ex USA | 100.00 | Jan-2017 NCREIF Fund Index-Open End Diversified Core (EW) | 100.00 |

| | | Total Private Equity Policy | | |
|-----------------------------|------------|-----------------------------|------------|--|
| Total Fixed Income Policy | | Allocation Mandate | Weight (%) | |
| Allocation Mandate | Weight (%) | Jan-1926 | | |
| Mar-1997 | | CPI + 5% | 82.00 | |
| Blmbg. U.S. Aggregate Index | 50.00 | S&P 500 + 5% | 18.00 | |
| Blmbg. U.S. Corp High Yield | 25.00 | GGI 600 1 676 | 10.00 | |
| Bloomberg U.S. TIPS Index | 25.00 | Jul-2013 | | |
| Oct-2020 | | S&P 500 + 5% | 100.00 | |
| Blmbg. U.S. Aggregate Index | 100.00 | Jan-2017 | | |
| | | S&P 500 + 3% | 100.00 | |



Active Return

- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.

Alpha

- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.

Beta

- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.

Consistency

- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.

Distributed to Paid In (DPI)

- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.

Down Market Capture

- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance

Downside Risk

- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.

Excess Return

- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.

Excess Risk

- A measure of the standard deviation of a portfolio's performance relative to the risk free return.

Information Ratio

- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.

Public Market Equivalent (PME)

- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.

R-Squared

- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.

Return

- Compounded rate of return for the period.

Sharpe Ratio

- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.

Standard Deviation

- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.

Total Value to Paid In (TVPI)

- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life

Tracking Error

- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.

Treynor Ratio

- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.

Up Market Capture

- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.

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