
The Village of Palm Springs Police Officers' Pension Plan

Investment Performance Review
Period Ending June 30, 2024

MARINER

2nd Quarter 2024 Market Environment

The Economy

- The US Federal Reserve (the Fed) continued on its stable trajectory, holding rates steady during the second quarter. Capital markets have struggled to accurately predict the pace and timing of future Fed actions, resulting in an up and down quarter. In its press release for the June meeting, the Fed continued to assert that “In considering any adjustments to the target range for the federal funds rate, the Committee will carefully assess incoming data, the evolving outlook, and the balance of risks.”
- The Fed’s prolonged pause in its rate-hiking cycle and the insertion of the word “any” in its December press release provided capital markets hope that the Fed may pivot in its stance and begin reducing rates to a less restrictive level in 2024. The Fed’s published June “Dot Plot” revised expectations from three quarter-point rate cuts during the year to just one quarter-point rate cut. If this projection were to materialize, it would result in the first rate cut since the COVID pandemic in 2020.
- Growth in the US labor market continued in June, as nonfarm payrolls increased by 206,000 while unemployment rose slightly from 3.8% at the end of the first quarter to 4.1% at the end of the second quarter. Federal Reserve Chair Jerome Powell has maintained that “an unexpected weakening in the labor market could also warrant a policy response,” later defining unexpected weakening as something that would occur outside of their general forecasts.

Equity (Domestic and International)

- US equity results were mixed for the quarter, with large-capitalization (cap) stocks strongly outpacing small-cap stocks. As market participants continue to revise projections of future Fed actions, they sought safety among large-cap stocks due to these companies lessened dependence on external financing. The S&P 500 Index rose a solid 4.3% for the quarter, but ended a two-quarter streak of double-digit gains.
- Large-cap equity benchmarks continue to experience top-heavy concentration among a limited number of stocks. The top 10 stocks in the S&P 500 Index make up nearly 36% of the index’s weight as of June 2024. Year-to-date, these 10 stocks have contributed to more than 60% of the benchmark’s total return.
- International stocks also continued to experience growth during the second quarter, but results were muted by a strengthening US Dollar (USD). USD performance of international stocks lagged local currency (LCL) returns in most regions for the quarter, albeit to varying degrees.

Fixed Income

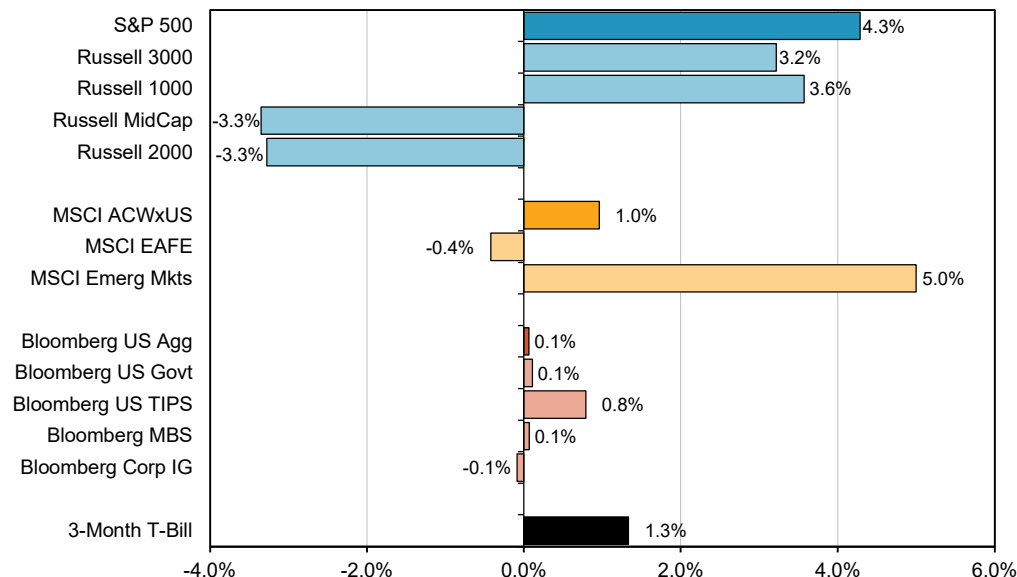
- Fixed-income markets remained largely steady during the quarter. While sticky inflation numbers and a robust job market prompted the Fed to keep the fed funds rate unchanged during the quarter, this lack of action also tempered expectations for the number of potential rate cuts in 2024.
- High-yield bonds outperformed investment-grade issues for the quarter, largely due to higher coupons. The high-yield index edged out the Bloomberg US Aggregate Bond Index, the bellwether bond benchmark, due to relative stability in both the yield curve and economic conditions.
- Global bonds continue to lag the domestic bond market, with the Bloomberg US Aggregate Bond Index outpacing the Global Aggregate ex-US Index by 2.2% for the quarter. The return gap between the two benchmarks continues to widen as the domestic index has outperformed the global index by 3.3% year-to-date.

Market Themes

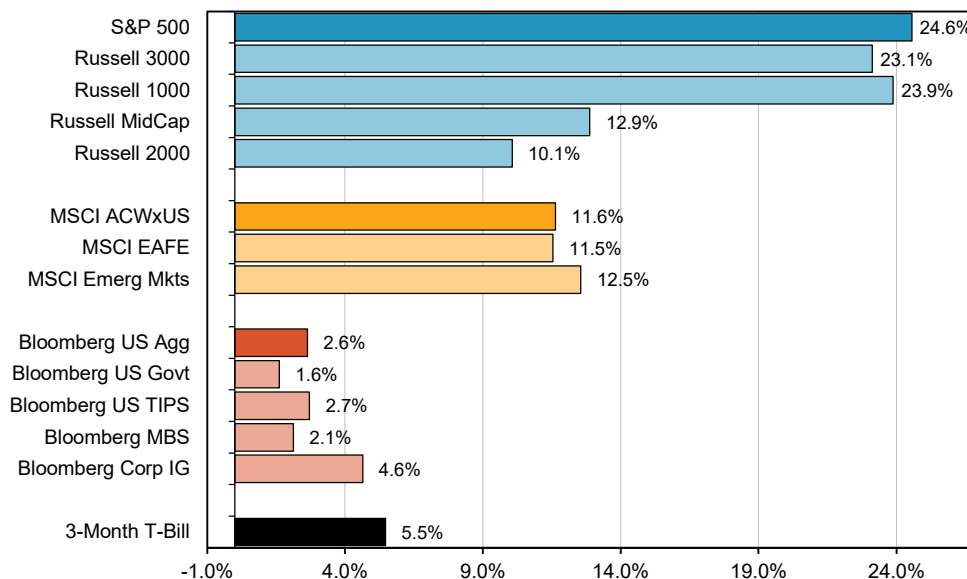
- Domestic and international equity markets posted strong results in the second quarter. Continuing their robust 2023 run, large-cap growth sectors continued to outpace their value counterparts in 2024, and by a wider margin than the prior year. The brief increased breadth markets experienced during of the first quarter did not continue during the second quarter, and so once again, large-cap growth stocks were the best-performing US asset category.
- Central banks remained vigilant in their stances to bring inflation under control. While inflation readings remain stubbornly elevated, signs of stable-to-cooling price pressures have shown up in most regions around the world. Domestically, job growth has slowed from a pace of 300,000+ month-over-month growth to just over 200,000 net new jobs.
- Policy rates were stable across most developed markets as central banks continued their tight monetary stances. Expectations of looser monetary policy have been frustrated by mixed economic data and central banks’ inaction so far this year.
- Ongoing military conflicts coupled with global economic uncertainty continue to act as headwinds to international market results. While global disruptions from the Russia-Ukraine conflict seemed to subside during the quarter, the proxy war in the Middle East has spread to other countries in the region and unsettled shipping channels globally.

- Performance in the domestic equity markets was disparate during the second quarter. After a more encouraging showing last quarter, where markets broadened out in terms of strength, large-cap stocks once again surged ahead while smaller-cap stocks weakened slightly. For the period, the large-cap S&P 500 and Russell 1000 indexes posted returns of 4.3% and 3.6%, respectively. The broad-cap Russell 3000 index lagged slightly, returning a more modest 3.2%. Outside of large-cap issues, the Russell Mid Cap and Russell 2000 indexes both experienced equivalent pullbacks during the quarter, with each benchmark returning -3.3%.
- International developed market equities were muted during the quarter. The MSCI ACWI ex US Index posted a modest 1.0% gain for the quarter, while the MSCI EAFE Index fell slightly, posting a return of -0.4% in USD terms. International emerging market (EM) equities posting a 5.0% return for the quarter, outpacing the performance of their developed market counterparts. Much of the solid performance in the EM region was attributed to a bounce back in China, Taiwan, and Singapore, each posting strong USD results during the quarter.
- Most broad fixed-income indexes rose slightly during the second quarter of 2024. The Bloomberg US Aggregate Index returned 0.1% for the quarter, while investment-grade corporate bonds slid -0.1%. The TIPS market was the best-performing sector during the quarter, outpacing the rest of the domestic fixed-income categories with a return of 0.8%.
- Large-cap US equity indexes have been a performance juggernaut over the trailing 12 months. The S&P 500 Index has gained 24.6% while the Russell 1000 Index was nearly as strong with a return of 23.9%. The weakest performing class of domestic equities for the year was the small-cap Russell 2000 Index, which still posted a double-digit return of 10.1% over the last 12 months.
- International markets also showcased healthy performance for the one-year trailing period. The MSCI EM Index was the best international performer, returning 12.5%, while the MSCI EAFE and MSCI ACWI ex US indexes posted returns of 11.5% and 11.6%, respectively.
- Bond markets posted positive but muted results for the trailing one-year period which substantially lagged equity benchmark results. Investment-grade corporate bonds led the way, up by 4.6% for the year. Meanwhile, Treasuries lagged, returning just 1.6% over the period. The bellwether fixed-income benchmark, the Bloomberg US Aggregate Bond Index, returned a mild 2.6% for the year.

Quarter Performance

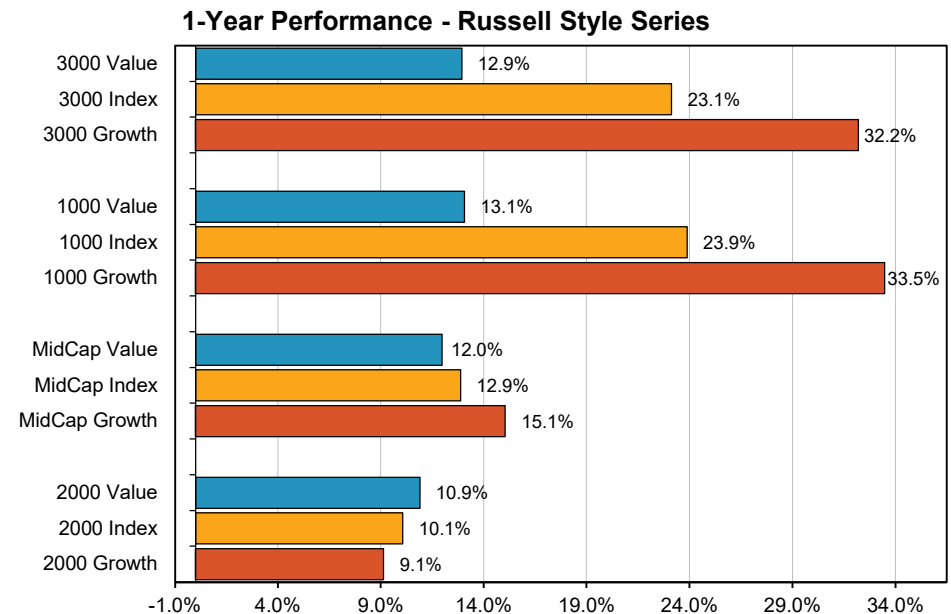
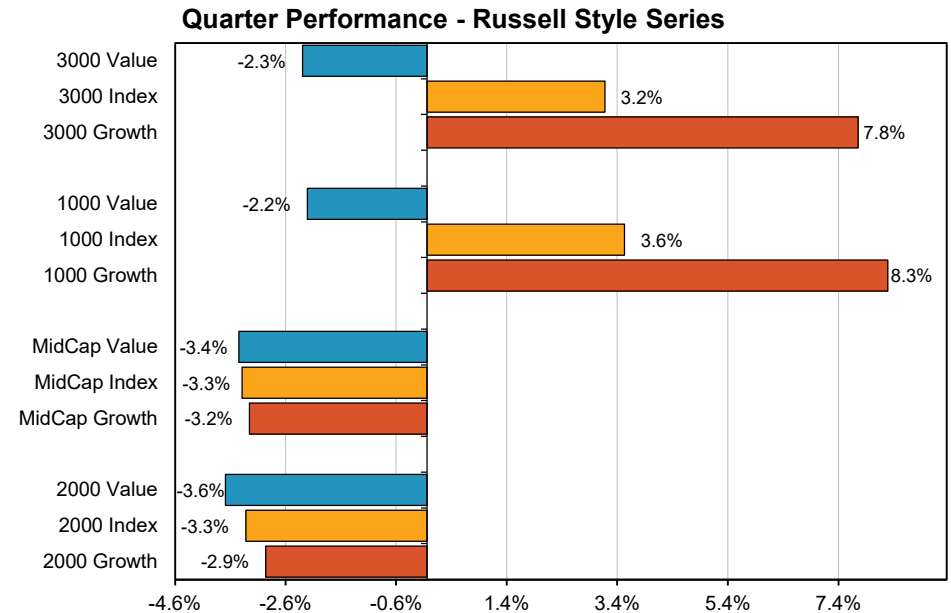


1-Year Performance



Source: Investment Metrics

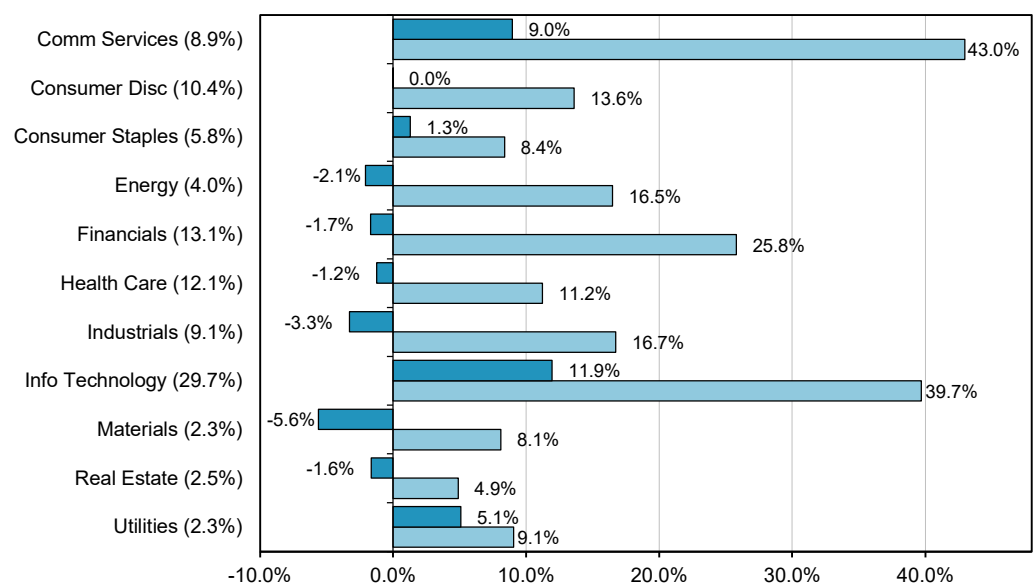
- Domestic equity benchmarks posted mixed absolute results for the second quarter, but growth stocks outpaced their value counterparts at each capitalization level. The best-performing area of the equity market continues to be large-cap growth with the Russell 1000 Growth Index returning 8.3% for the quarter. The worst-performing segment of the domestic equity market for the second consecutive quarter was small-cap value with the Russell 2000 Value index falling -3.6% for the quarter. From a capitalization perspective, large-cap stocks once again led their small-cap counterparts, with the Russell 1000 Index returning 3.2% and the Russell 2000 Index falling by -3.3%.
- The market's growth-led rally continued during the quarter, and this disparity was most visible in large-cap style performance, with the Russell 1000 Growth Index outpacing the Russell 1000 Value Index by double digits (10.1%). While mid-cap and small-cap growth fell in absolute terms for the quarter, the mid- and small-cap growth indexes held up slightly better than their value counterparts. This quarter's results followed the theme of large-cap growth stocks being the best-performing segment of the domestic equity market over the past several years.
- For the year the Russell 1000 Growth Index returned an impressive 33.5%, leading the way among style and market capitalization classifications. Much of this strong performance has been attributable to the emergence of the "Magnificent 7" stocks, which have dominated the large-cap indexes over the past several years. The seven biggest stocks in the Russell 1000 Index contributed more than 70% of the index's total performance in the trailing 12-month period.
- The weakest performing index for the year was the Russell 2000 Growth, which still posted a solid return of 9.1%.
- The dominance of growth sectors is evident in the chart with the broad-cap, large-cap, and mid-cap benchmarks handily outperforming the core and value indexes for the trailing one-year period. The performance gap between the Russell 1000 Growth Index and the Russell 1000 Value Index was a staggering 20.4% for the year while the mid-cap growth index edged past the mid-cap value index by just 3.1%. Small-cap stocks bucked the growth-dominance trend with the Russell 2000 Value Index posting a return of 10.9% versus a return of 9.1% for the Russell 2000 Growth Index.



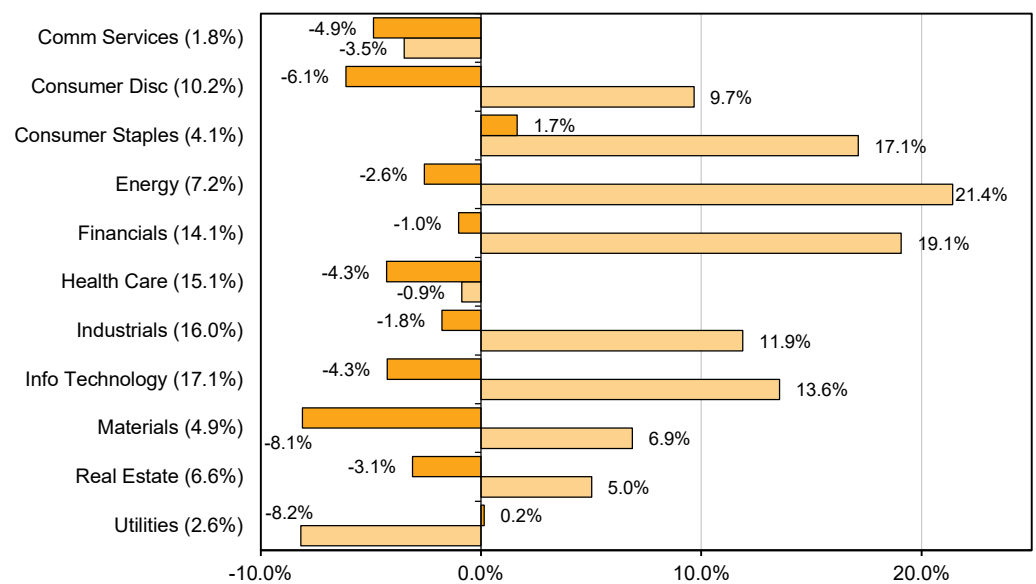
Source: Investment Metrics

- Economic sector performance was choppy during the second quarter. This quarter broke the preceding trend of broader participation in the equity market's rally. Only five of the 11 economic sectors posted positive absolute returns for the quarter, with information technology (11.9%), communication services (9.0%), and utilities (5.1%) leading the way.
- In contrast, full-year results were more consistent as all 11 economic sectors finished the year in positive territory. Of the 11 sectors, three (communication services, up 43.0%; information technology, up 39.7%; and financials, up 25.8%) were up by more than 25.0% for the past year. With their more than 40% combined weight in the benchmark, these three sectors were also the only ones to outpace the Russell 1000 Index's return of 23.9%. Despite solid positive performance, utilities (up 9.1%), consumer staples (8.4%), materials (8.1%), consumer staples (8.4%), and real estate (4.9%) were all relative detractors for the year with their single-digit returns.
- Nine of the 11 small-cap economic sectors lost value during the quarter. Consumer staples (up 1.7%), and utilities (0.2%) were the only two sectors to post gains for the quarter. Materials was the worst-performing sector posting a loss of -8.1% for the quarter. While not always the case, small-cap stocks generally have greater dependence on liquidity and access to capital which can lead to lagging performance relative to large-cap stocks during periods of restrictive monetary policy.
- Similar to large-cap sector performance, eight of the 11 small-cap sectors were positive over the trailing one-year period. Energy posted the strongest sector performance with a return of 21.4%, followed closely by the financials sector return of 19.1%. Consumer staples (up 17.1%), information technology (13.6%), and industrials (11.9%) each produced double-digit results for the period. Three sectors (communication services, health care, and utilities) posted negative results during the period.

Russell 1000



Russell 2000



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

The Market Environment
Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000
As of June 30, 2024

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Microsoft Corp	6.7%	6.4%	32.3%	Information Technology
Apple Inc	6.2%	23.0%	9.2%	Information Technology
NVIDIA Corp	5.9%	36.7%	192.1%	Information Technology
Amazon.com Inc	3.5%	7.1%	48.2%	Consumer Discretionary
Meta Platforms Inc Class A	2.2%	3.9%	76.1%	Communication Services
Alphabet Inc Class A	2.2%	20.8%	52.3%	Communication Services
Alphabet Inc Class C	1.9%	20.6%	51.8%	Communication Services
Eli Lilly and Co	1.5%	16.6%	94.5%	Health Care
Berkshire Hathaway Inc Class B	1.5%	21.5%	88.4%	Financials
Broadcom Inc	1.4%	-3.3%	19.3%	Information Technology

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
GameStop Corp Class A	0.0%	97.2%	1.8%	Consumer Discretionary
Petco Health and Wellness Co	0.0%	65.8%	-57.5%	Consumer Discretionary
Alnylam Pharmaceuticals Inc	0.1%	62.6%	27.9%	Health Care
United Therapeutics Corp	0.0%	38.7%	44.3%	Health Care
Cirrus Logic Inc	0.0%	37.9%	57.6%	Information Technology
NCR Atleos Corp	0.0%	36.8%	N/A	Financials
NVIDIA Corp	5.9%	36.7%	192.1%	Information Technology
AMC Entertainment	0.0%	33.9%	-87.2%	Communication Services
First Solar Inc	0.0%	33.6%	18.6%	Information Technology
Cava Group Inc	0.0%	32.4%	126.5%	Consumer Discretionary

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Ginkgo Bioworks Holdings Inc	0.0%	-71.2%	-82.0%	Materials
Hertz Global Holdings Inc	0.0%	-54.9%	-80.8%	Industrials
10x Genomics Inc	0.0%	-48.2%	-65.2%	Health Care
DoubleVerify Holdings Inc	0.0%	-44.6%	-50.0%	Information Technology
UiPath Inc Class A	0.0%	-44.1%	-23.5%	Information Technology
Walgreens Boots Alliance Inc	0.0%	-43.5%	-54.6%	Consumer Staples
Fortrea Holdings Inc	0.0%	-41.9%	-31.4%	Health Care
Five Below Inc	0.0%	-39.9%	-44.6%	Consumer Discretionary
Leggett & Platt Inc	0.0%	-39.9%	-58.8%	Consumer Discretionary
Unity Software Inc Ordinary Shares	0.0%	-39.1%	-62.6%	Information Technology

Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Super Micro Computer Inc	1.6%	-18.9%	228.7%	Information Technology
MicroStrategy Inc Class A	0.8%	-19.2%	302.3%	Information Technology
Carvana Co Class A	0.5%	46.4%	396.6%	Consumer Discretionary
e.l.f. Beauty Inc	0.4%	7.5%	84.5%	Consumer Staples
Comfort Systems USA Inc	0.4%	-4.2%	86.0%	Industrials
Onto Innovation Inc	0.4%	21.3%	88.5%	Information Technology
FTAI Aviation Ltd	0.4%	54.0%	234.2%	Industrials
Light & Wonder Inc Ordinary Shares	0.4%	2.7%	52.5%	Consumer Discretionary
Insmed Inc	0.4%	147.0%	217.5%	Health Care
Fabrinet	0.4%	29.5%	88.5%	Information Technology

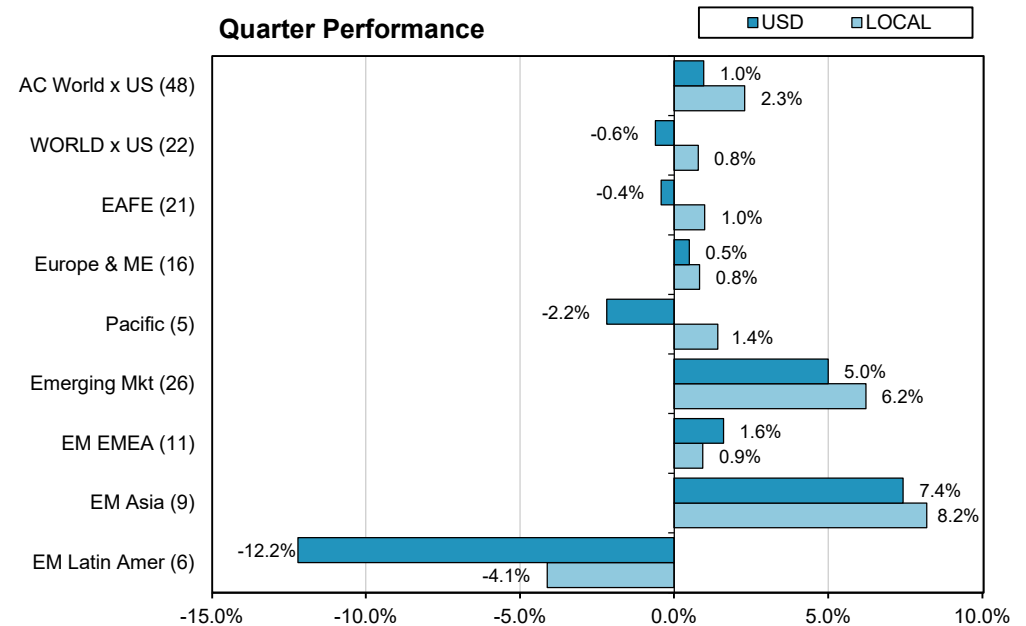
Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
AST SpaceMobile Inc Ordinary Shares	0.1%	300.3%	147.0%	Communication Services
Emergent BioSolutions Inc	0.0%	169.6%	-7.2%	Health Care
Novavax Inc	0.1%	164.9%	70.4%	Health Care
Rent the Runway Inc Class A	0.0%	154.3%	-55.6%	Consumer Discretionary
Insmed Inc	0.4%	147.0%	217.5%	Health Care
Innodata Inc	0.0%	124.7%	30.9%	Industrials
NuScale Power Corp Class A	0.0%	120.2%	71.9%	Industrials
TransMedics Group Inc	0.2%	103.7%	79.4%	Health Care
Vital Farms Inc Ordinary Shares	0.1%	101.2%	290.1%	Consumer Staples
Matterport Inc Ordinary Shares	0.0%	97.8%	41.9%	Information Technology

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Aerovate Therapeutics Inc	0.0%	-94.4%	-90.3%	Health Care
Marinus Pharmaceuticals Inc	0.0%	-87.1%	-89.2%	Health Care
Cerence Inc Ordinary Shares	0.0%	-82.0%	-90.3%	Information Technology
Velo3D Inc	0.0%	-79.2%	-95.6%	Industrials
Akoustis Technologies Inc	0.0%	-77.7%	-95.9%	Information Technology
Gritstone Bio Inc	0.0%	-76.0%	-68.3%	Health Care
Ovid Therapeutics Inc	0.0%	-74.8%	-76.5%	Health Care
Maxon Solar Technologies Ltd	0.0%	-74.4%	-97.0%	Information Technology
Zentalis Pharmaceuticals Inc	0.0%	-74.0%	-85.5%	Health Care
Nikola Corp	0.0%	-73.8%	-80.2%	Industrials

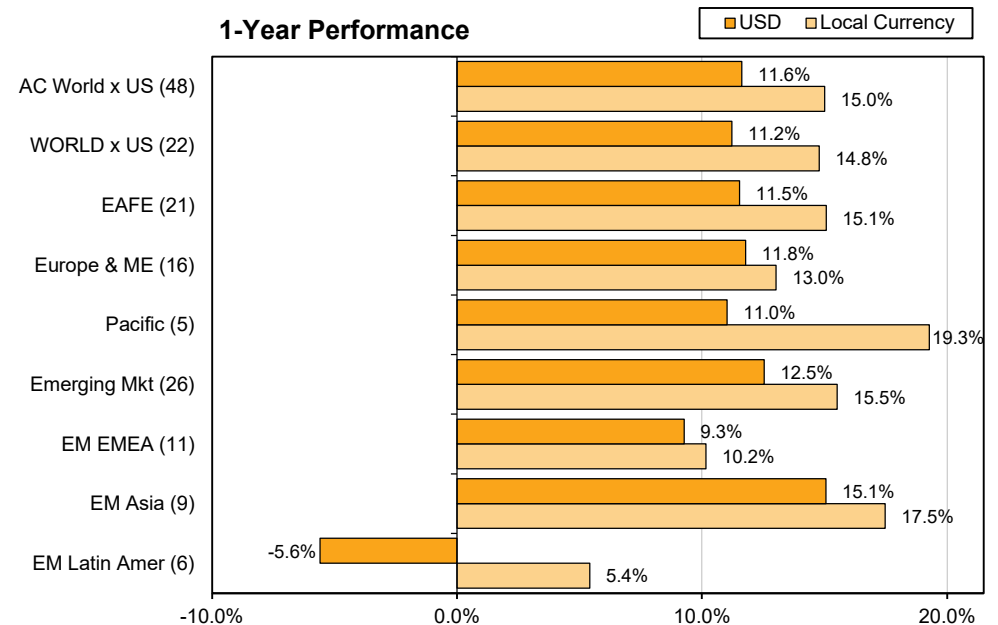
Source: Morningstar Direct

- Results among the broad international equity indexes were mixed during the quarter, echoing the performance of major domestic indexes. The strengthening USD relative to many major currencies during the quarter was a detractor to the USD performance of regional benchmark returns across most regions. The developed-market MSCI EAFE Index returned a muted 1.0% in LCL terms but fell -0.4% in USD terms. The MSCI Emerging Markets Index was the best-performing broad index and rose by 5.0% in USD and 6.2% in LCL terms for the quarter.
- Latin America continued to struggle during the quarter in both USD and LCL terms. The cyclical demand for commodity exports in the region has resulted in greater volatility due to ongoing uncertainty over central bank policies and future global demand.
- The heaviest-weighted country in the emerging market index (China) rebounded 7.1% during the quarter. The Chinese economy grew at a rate of 5.2% in 2023, lower than its pre-pandemic rate of 6.0% and has been a headwind for performance. Troubles in the commercial property and banking sectors have also created challenges for growth in the region. Despite the additive performance in the region, the Chinese banking sector underwent heavy consolidation during the second quarter amid regional bank failures across the country.
- Much like domestic markets, trailing one-year results for international developed and emerging markets benchmarks were strong. Higher LCL versus USD returns for most international benchmarks demonstrate the USD's strength over the trailing one-year period.
- Most broad and regional indexes were positive for the trailing 12 months in both USD and LCL terms. The sole exception was EM Latin America, where USD strength turned the region's positive LCL performance negative in USD terms. In LCL terms, the MSCI Pacific Index led the way with a return of 19.3% for the trailing year. USD returns for the region were still strong but returned a more muted 11.0%. The EM Asia regional index posted the strongest relative USD performance, returning 15.1% over the trailing 12 months.

Quarter Performance



1-Year Performance



Source: MSCI Global Index Monitor (Returns are Net)

The Market Environment
US Dollar International Index Attribution & Country Detail
As of June 30, 2024

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.1%	0.5%	10.1%
Consumer Discretionary	11.5%	-9.0%	0.1%
Consumer Staples	8.5%	-1.6%	-6.8%
Energy	4.1%	1.3%	15.9%
Financials	20.0%	3.3%	24.2%
Health Care	13.5%	4.7%	11.5%
Industrials	16.9%	-0.8%	15.0%
Information Technology	9.5%	0.2%	24.1%
Materials	6.7%	-3.2%	8.5%
Real Estate	2.0%	-6.7%	7.6%
Utilities	3.1%	0.8%	-0.6%
Total	100.0%	-0.4%	11.5%

MSCI - ACWixUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.3%	4.0%	5.7%
Consumer Discretionary	11.1%	-4.8%	1.9%
Consumer Staples	7.2%	-1.7%	-5.9%
Energy	5.5%	1.3%	18.9%
Financials	21.7%	2.6%	18.7%
Health Care	9.5%	3.8%	10.0%
Industrials	13.7%	-0.5%	13.1%
Information Technology	14.0%	5.2%	28.3%
Materials	7.1%	-1.9%	5.1%
Real Estate	1.8%	-4.7%	4.5%
Utilities	3.1%	2.2%	3.7%
Total	100.0%	1.0%	11.6%

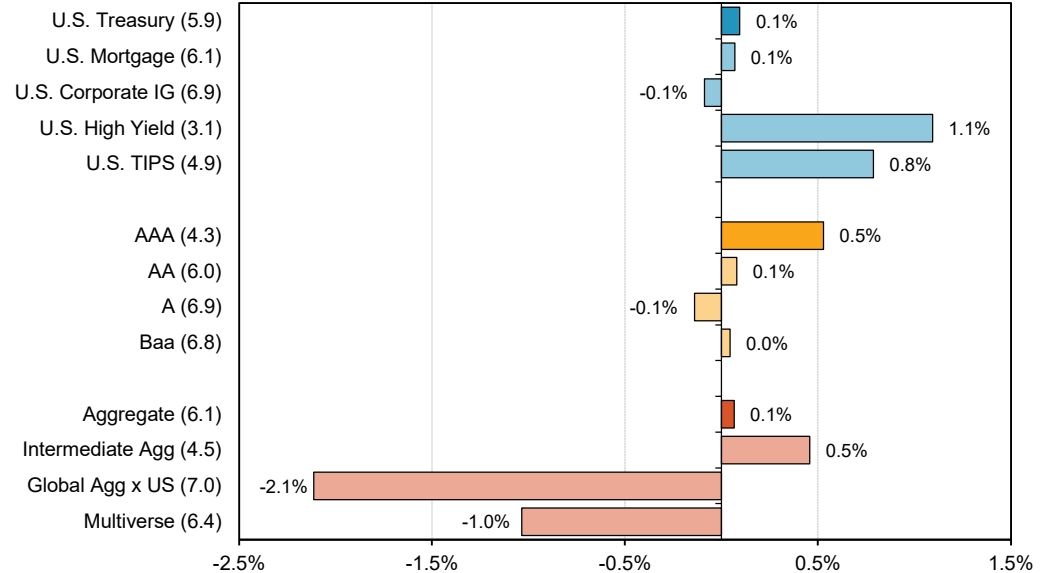
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	8.9%	8.2%	2.7%
Consumer Discretionary	12.3%	5.1%	6.3%
Consumer Staples	5.2%	-3.0%	-5.7%
Energy	5.2%	3.3%	25.2%
Financials	21.9%	3.5%	12.6%
Health Care	3.2%	-4.3%	-2.8%
Industrials	6.9%	4.0%	6.9%
Information Technology	25.1%	11.3%	34.2%
Materials	6.9%	-1.8%	-3.1%
Real Estate	1.5%	2.8%	-4.1%
Utilities	3.0%	6.2%	20.3%
Total	100.0%	5.0%	12.5%

Country	MSCI-EAFE Weight	MSCI-ACWixUS Weight	Quarter Return	1-Year Return
Japan	22.7%	14.4%	-4.3%	13.2%
United Kingdom	14.9%	9.5%	3.7%	12.5%
France	11.2%	7.1%	-7.5%	0.5%
Switzerland	9.7%	6.2%	3.1%	6.1%
Germany	8.7%	5.5%	-1.4%	10.1%
Australia	7.5%	4.8%	1.6%	14.1%
Netherlands	5.4%	3.4%	5.0%	25.6%
Denmark	4.0%	2.5%	7.5%	42.1%
Sweden	3.2%	2.1%	2.2%	18.2%
Italy	2.7%	1.7%	-3.4%	21.3%
Spain	2.7%	1.7%	-1.6%	15.0%
Hong Kong	1.8%	1.1%	1.0%	-18.0%
Singapore	1.4%	0.9%	8.9%	13.5%
Finland	1.0%	0.6%	3.0%	1.7%
Belgium	1.0%	0.6%	0.9%	9.0%
Israel	0.7%	0.5%	-4.2%	23.6%
Norway	0.6%	0.4%	6.6%	14.2%
Ireland	0.3%	0.2%	-0.8%	12.5%
Portugal	0.2%	0.1%	8.5%	-6.4%
Austria	0.2%	0.1%	7.1%	17.9%
New Zealand	0.2%	0.1%	3.2%	3.7%
Total EAFE Countries	100.0%	63.6%	-0.4%	11.5%
Canada	7.4%		-2.1%	8.6%
Total Developed Countries		71.0%	-0.6%	11.2%
China		7.3%	7.1%	-1.6%
Taiwan		5.6%	15.1%	40.7%
India		5.6%	10.2%	34.4%
Korea		3.5%	-1.2%	8.1%
Brazil		1.2%	-12.2%	-7.7%
Saudi Arabia		1.1%	-7.4%	0.9%
South Africa		0.9%	12.3%	12.3%
Mexico		0.6%	-16.1%	-6.5%
Indonesia		0.5%	-12.4%	-11.8%
Malaysia		0.4%	4.4%	17.5%
Thailand		0.4%	-4.8%	-13.3%
United Arab Emirates		0.3%	-2.3%	0.8%
Poland		0.3%	6.1%	32.4%
Turkey		0.2%	21.4%	62.1%
Qatar		0.2%	-0.3%	0.7%
Kuwait		0.2%	-2.8%	2.2%
Philippines		0.1%	-10.7%	-3.1%
Greece		0.1%	-1.2%	9.6%
Chile		0.1%	-1.3%	-9.3%
Peru		0.1%	2.0%	40.0%
Hungary		0.1%	9.2%	29.0%
Czech Republic		0.0%	6.3%	3.5%
Colombia		0.0%	-4.6%	26.7%
Egypt		0.0%	-4.2%	-4.8%
Total Emerging Countries		29.0%	5.0%	12.5%
Total ACWixUS Countries		100.0%	1.0%	11.6%

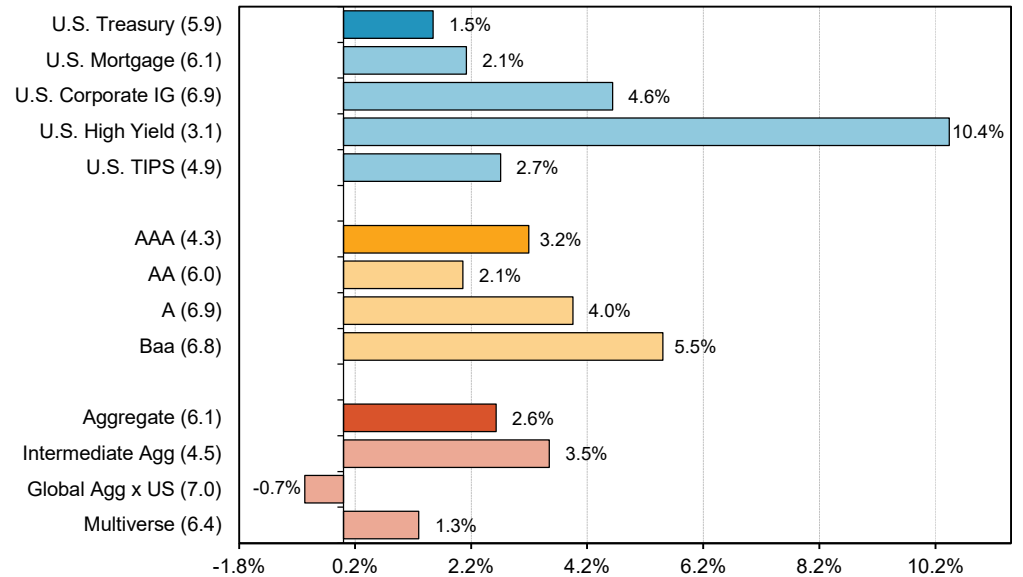
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)
As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.

- Fixed-income markets fell in a relatively tight range for the quarter with many domestic sectors returning less than 0.5%. Yields remained at elevated levels as the Federal Reserve maintained its restrictive policy stance. If market expectations hold and the Fed begins to cut rates in 2024, to the extent any cuts lower yields across the curve, it will provide a jolt to bondholder performance since bond prices move in the opposite direction of yields.
- The Bloomberg US Aggregate Bond Index had a mixed quarter of performance made up of a large drawdown in April follow by smaller recoveries in May and June that combined for an index return of 0.1%. Performance across the investment-grade index's segments for the quarter was similarly muted with the Bloomberg US Corporate Investment Grade Index returning -0.1% and the US Mortgage Index gaining 0.1%.
- Outside of the Aggregate index's sub-components, high-yield bonds continued to rise, posting a return of 1.1%, boosted by the higher coupon income, and US TIPS climbed 0.8% for the quarter. The Bloomberg Global Aggregate ex-US Index returned -2.1% for the quarter with USD strength exerting downward pressure on performance. This global performance lagged domestic fixed-income indexes as well as the multiverse benchmark's return of -1.0%.
- Over the trailing one-year period, the Bloomberg US Aggregate Bond Index managed a 2.6% return. The benchmark's sub-components also posted positive performance over the trailing 12 months with the Bloomberg US Corporate Investment Grade Index rising 4.6% and the US Mortgage Index posting a more modest 2.1% return. US TIPS and high-yield corporate bonds, which are excluded from the aggregate index, each posted gains in the trailing year with returns of 2.7% and 10.4%, respectively. In addition to their higher coupons, high-yield bonds benefited from generally shorter duration than investment-grade corporate debt. This lower duration acted as a tailwind for high-yield bonds as interest rates rose during the trailing year.
- Among credit qualities, lower-quality bonds (both investment grade and non-investment grade) have outperformed higher-quality bonds due to both their higher yields, which contribute to higher interest payments, and narrowing credit spreads over the last year.
- Performance for non-US bonds was negative for the trailing year with the Bloomberg Global Aggregate ex-US Index falling -0.7%. With foreign central banks largely tracking the Fed's tight monetary stance, the negative performance of global bonds is largely attributable to USD strength over the last year.

Quarter Performance



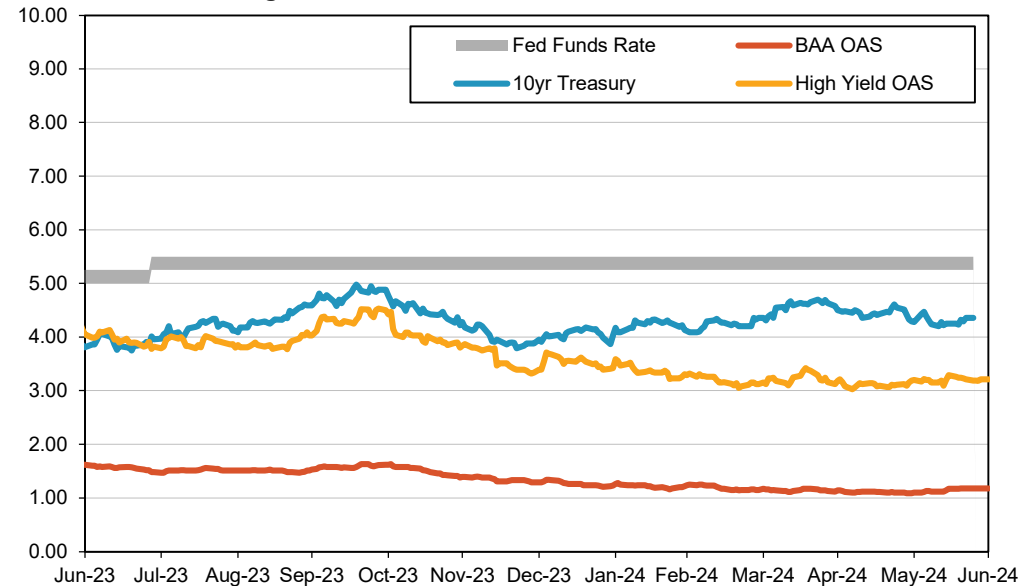
1-Year Performance



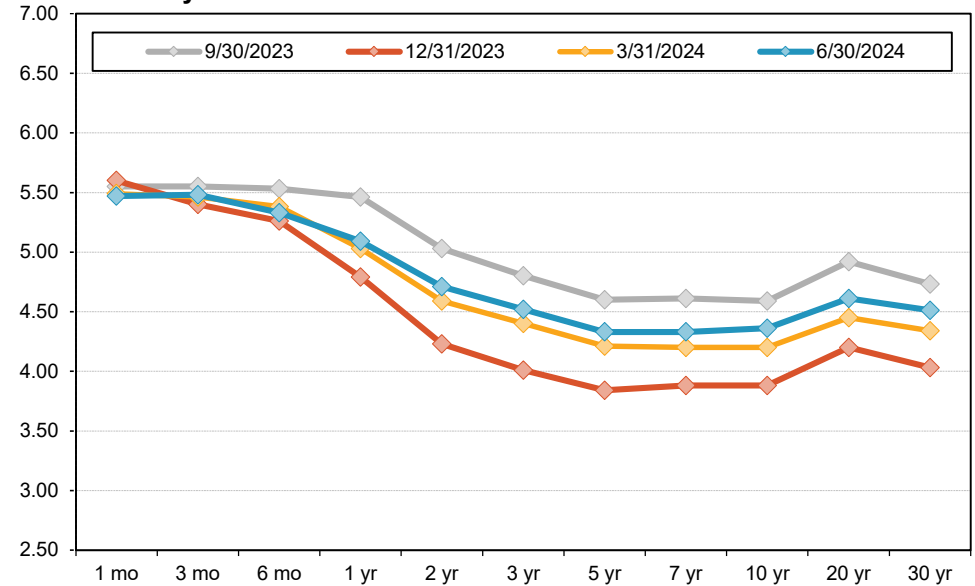
Source: Bloomberg

- The gray band across the graph illustrates the current fed funds target rate range over the last 12 months. During the second quarter, the Federal Open Market Committee (FOMC) continued to hold fed funds rates steady in the 5.25%-5.50% target range. The last rate increase in the current cycle occurred at the FOMC's July 2023 meeting. While the FOMC's press releases have continued to push economic data-dependent outcomes, the language used to describe economic conditions in these releases has also softened, resulting in market expectations that the next rate action by the FOMC will likely be a cut. The CME FedWatch tool, which forecasts rates based on Fed Fund futures pricing, currently shows a greater than 90% probability of a 0.25% rate decrease at the FOMC September meeting. Fed officials and market participants continue to express concern that leaving rates at their current levels for an extended period could tip the US economy into a recession. However, inflation remains above the FOMC's long-term 2.0% target level. Additionally, the FOMC continues to remove liquidity from the market by allowing bonds held on its balance sheet to mature without reinvesting principal payments.
- The yield on the US 10-year Treasury (blue line of the top chart) remained stable, opening the quarter at 4.33% and finishing June at a yield of 4.36%. The stability of the benchmark rate reflects the stability of the Federal Reserve's policy stance and the persistently high level of inflation throughout the economy. The 10-year Treasury benchmark's rate peaked in October 2023, cresting at a yield of just under 5.00% before pulling back in the remainder of the year.
- The red line in the top chart shows the 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 issues with the lowest investment grade rating. During the quarter, the yield spread was relatively unchanged, beginning the quarter at 1.18% and finishing June at 1.17%. The spread measure narrowed over the trailing 12-month period after concerns about the regional banking sector during March 2023 caused credit spreads to spike. High-yield OAS spreads (represented by the orange line in the top chart) have also remained relatively unchanged, rising by just 0.07%. The spread measures' stability results from steady economic growth, stable monetary policy, and falling inflation readings.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. The yield curve has been inverted for each of the last four quarter-end readings on the graph and for most of last two years. Historically, a persistent yield curve inversion has been a precursor of an economic recession within six to 24 months.

1-Year Trailing Market Rates



Treasury Yield Curve



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

[CME FedWatch Tool - CME Group](#)

[Effective Federal Funds Rate - FEDERAL RESERVE BANK of NEW YORK \(newyorkfed.org\)](#)

[ICE BofA US High Yield Index Option-Adjusted Spread \(BAMLH0A0HYM2\) | FRED | St. Louis Fed \(stlouisfed.org\)](#)

[When will the Federal Reserve start cutting interest rates? | J.P. Morgan Asset Management \(jpmorgan.com\)](#)

[Resource Center | U.S. Department of the Treasury](#)

[China's Economy Limps Into 2024 – WSJ](#)

[Support Site - Global Index Lens: Index Returns – MSCI](#)

[Federal Reserve issues FOMC statement](#)

[Transcript of Chair Powell's Press Conference -- June 12, 2024 \(federalreserve.gov\)](#)

[U.S. Treasurys: investors look to inflation data due in week ahead \(cnbc.com\)](#)

[Yen drops to 38-year low, U.S. dollar slumps after weak data \(cnbc.com\)](#)

[Jobs report June 2024: \(cnbc.com\)](#)

[The Fed - June 12, 2024: FOMC Projections materials, accessible version \(federalreserve.gov\)](#)

[The Federal Reserve's latest dot plot, explained – and what it says about interest rates | Bankrate](#)

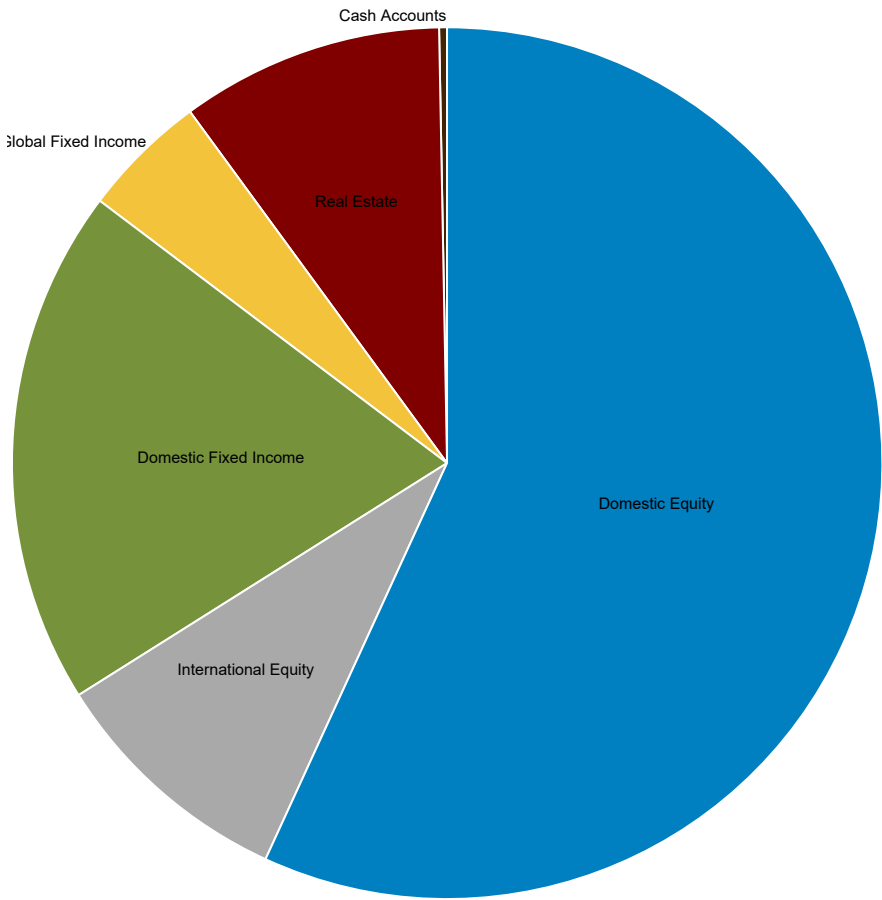
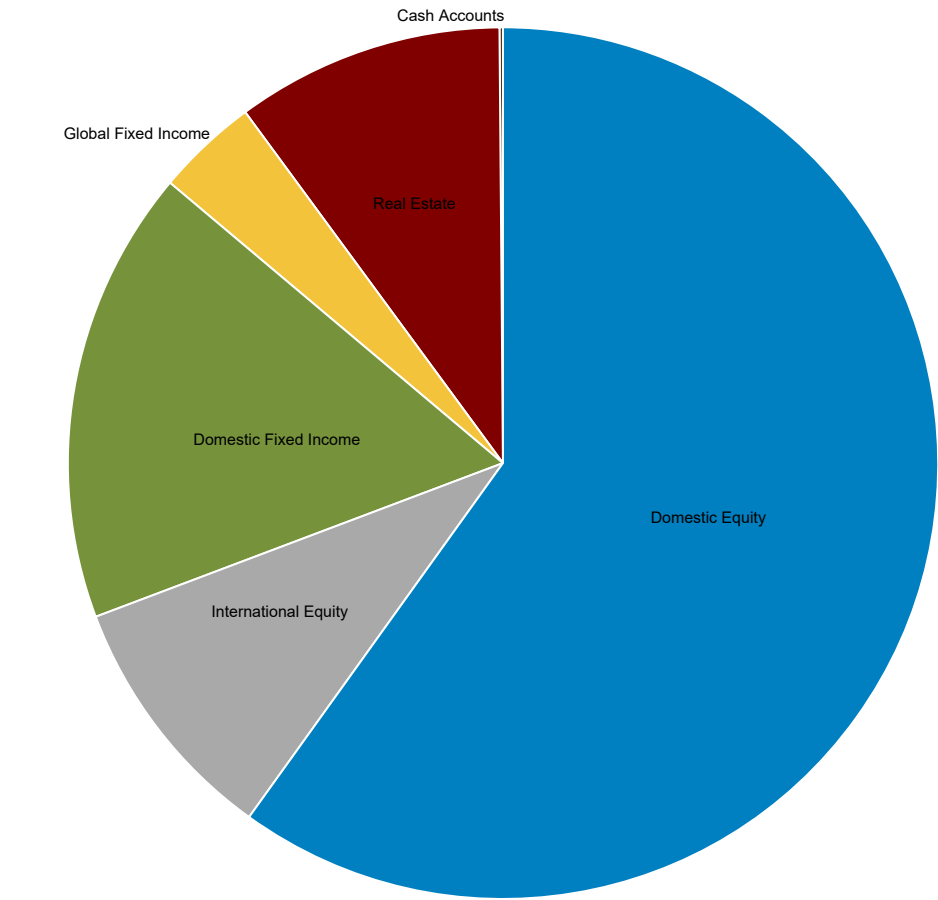
[Top 25 Stocks in the S&P 500 By Index Weight for July 2024 \(investopedia.com\)](#)

[Will Small-Cap Stocks Ever Catch Up? | Morningstar](#)

[Why Chinese banks are now vanishing \(economist.com\)](#)

Mar-2024 : \$42,117,161

Jun-2024 : \$42,561,900

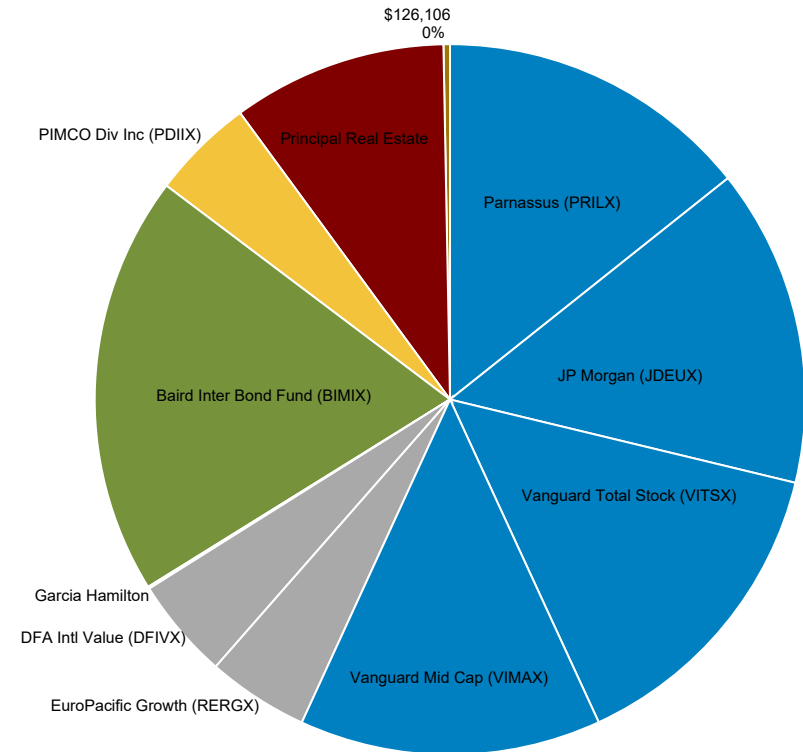
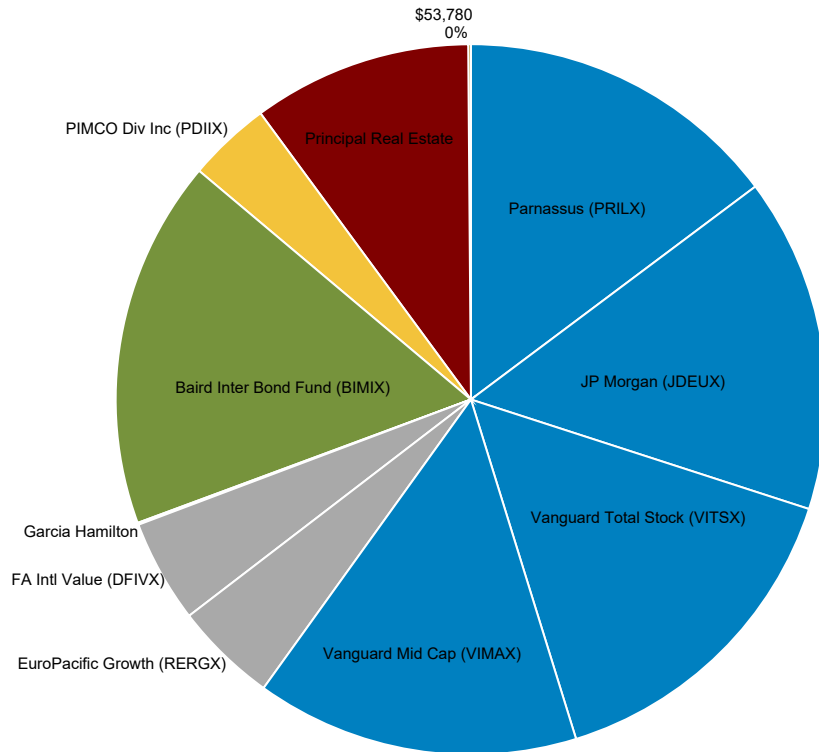


Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Domestic Equity	25,235,607	59.9	Domestic Equity	24,197,708	56.9
International Equity	3,937,431	9.3	International Equity	3,922,554	9.2
Domestic Fixed Income	7,101,807	16.9	Domestic Fixed Income	8,178,418	19.2
Global Fixed Income	1,590,759	3.8	Global Fixed Income	1,979,749	4.7
Real Estate	4,197,775	10.0	Real Estate	4,157,365	9.8
Cash Accounts	53,780	0.1	Cash Accounts	126,106	0.3

Palm Springs Police Officers' Pension Plan
Asset Allocation by Manager
As of June 30, 2024

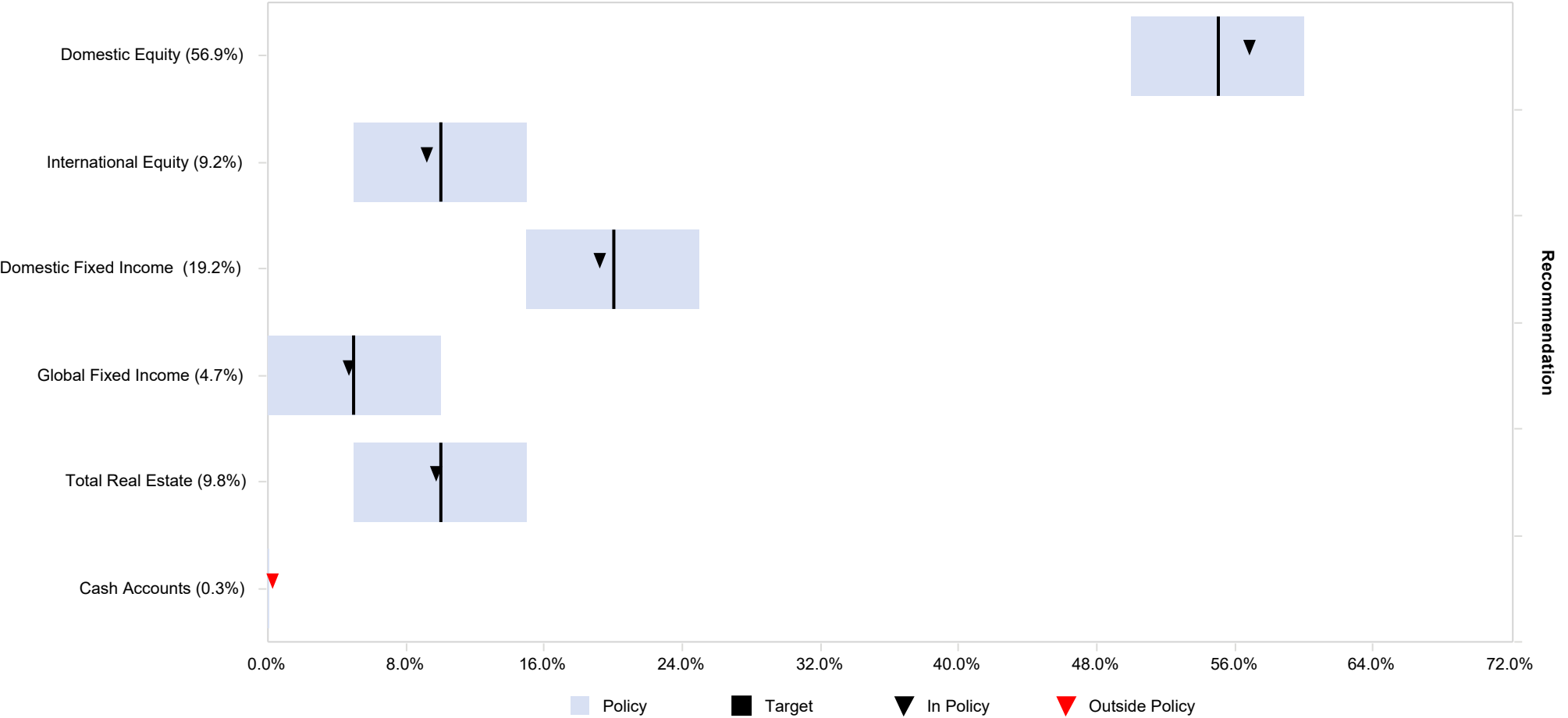
Mar-2024 : \$42,117,161

Jun-2024 : \$42,561,900



Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Parnassus (PRILX)	6,220,069	14.8	■ Parnassus (PRILX)	6,082,910	14.3
■ JP Morgan (JDEUX)	6,409,813	15.2	■ JP Morgan (JDEUX)	6,159,242	14.5
■ Vanguard Total Stock (VITSX)	6,415,339	15.2	■ Vanguard Total Stock (VITSX)	6,114,469	14.4
■ Vanguard Mid Cap (VIMAX)	6,190,386	14.7	■ Vanguard Mid Cap (VIMAX)	5,841,087	13.7
■ EuroPacific Growth (RERGX)	1,966,008	4.7	■ EuroPacific Growth (RERGX)	1,961,391	4.6
■ DFA Intl Value (DFIVX)	1,971,423	4.7	■ DFA Intl Value (DFIVX)	1,961,163	4.6
■ Garcia Hamilton	39,660	0.1	■ Garcia Hamilton	40,159	0.1
■ Baird Inter Bond Fund (BIMIX)	7,062,148	16.8	■ Baird Inter Bond Fund (BIMIX)	8,138,258	19.1
■ PIMCO Div Inc (PDIIX)	1,590,759	3.8	■ PIMCO Div Inc (PDIIX)	1,979,749	4.7
■ Principal Real Estate	4,197,775	10.0	■ Principal Real Estate	4,157,365	9.8
■ Mutual Fund Cash	53,780	0.1	■ Mutual Fund Cash	126,106	0.3
■ Village	-	0.0	■ Village	-	0.0

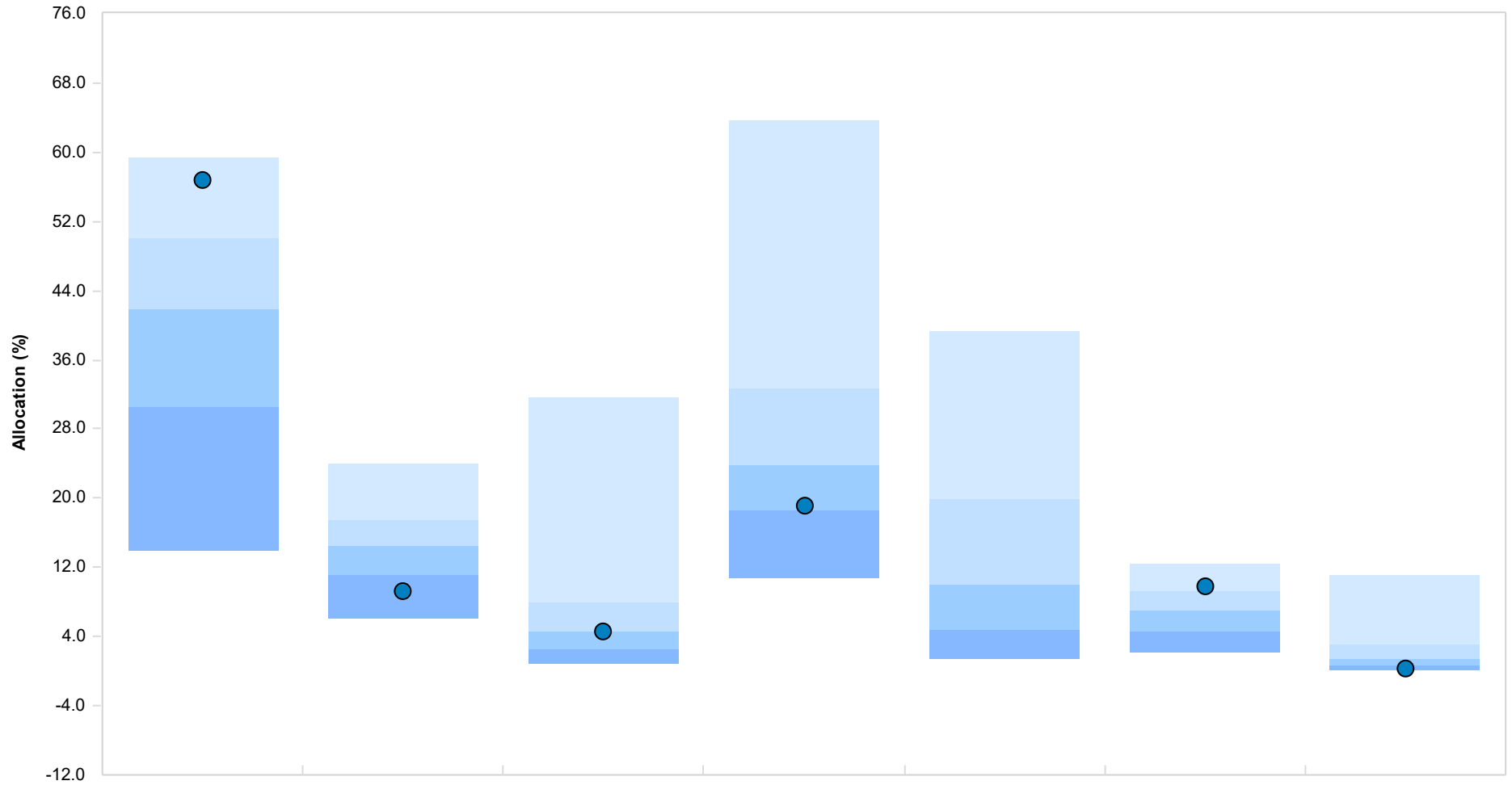
Executive Summary



Asset Allocation Compliance

	Minimum Allocation (%)	Maximum Allocation (%)	Current Allocation (%)	Target Allocation (%)
Cash Accounts	0.0	0.0	0.3	0.0
Global Fixed Income	0.0	10.0	4.7	5.0
International Equity	5.0	15.0	9.2	10.0
Total Real Estate	5.0	15.0	9.8	10.0
Domestic Fixed Income	15.0	25.0	19.2	20.0
Domestic Equity	50.0	60.0	56.9	55.0
Total Fund	N/A	N/A	100.0	100.0

Plan Sponsor TF Asset Allocation vs. All Public Plans-Total Fund

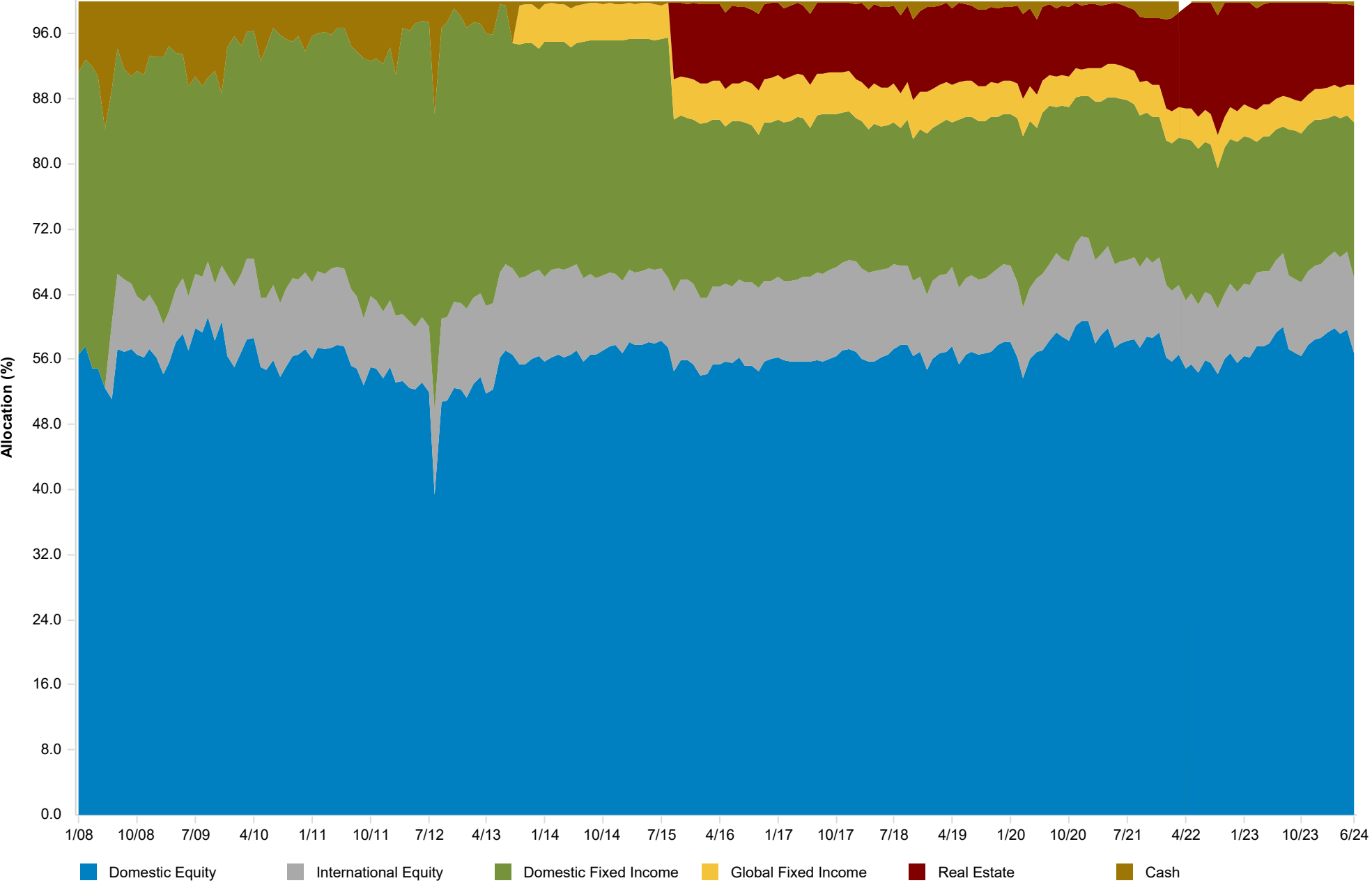


	US Equity	Global ex-US Equity	Global Fixed Income	US Fixed	Alternatives	Total Real Estate	Cash & Equivalents
● Palm Springs Police	56.85 (9)	9.22 (88)	4.65 (48)	19.22 (71)	N/A	9.77 (21)	0.30 (90)
5th Percentile	59.39	23.91	31.65	63.67	39.36	12.42	11.17
1st Quartile	50.13	17.41	7.89	32.82	19.86	9.30	3.08
Median	41.80	14.46	4.52	23.85	9.95	7.09	1.42
3rd Quartile	30.57	11.03	2.54	18.51	4.79	4.63	0.71
95th Percentile	13.96	6.13	0.79	10.68	1.36	2.15	0.13
Population	458	429	117	467	266	332	427

Parentheses contain percentile rankings.

Palm Springs Police Officers' Pension Plan
Asset Allocation History by Portfolio
As of June 30, 2024

Asset Allocation History by Portfolio										
	Jun-2024		Mar-2024		Dec-2023		Sep-2023		Jun-2023	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Equity	28,120,262	66.07	29,173,038	69.27	27,245,591	67.48	24,439,226	65.90	26,597,041	68.39
Domestic Equity	24,197,708	56.85	25,235,607	59.92	23,572,436	58.38	21,050,202	56.76	23,100,466	59.40
JP Morgan U.S. Research Enhanced R6 (JDEUX)	6,159,242	14.47	6,409,813	15.22	5,965,529	14.77	5,342,892	14.41	5,929,803	15.25
Parnassus Core Equity (PRILX)	6,082,910	14.29	6,220,069	14.77	5,845,279	14.48	5,226,407	14.09	5,841,530	15.02
Vanguard Mid Cap Index (VIMAX)	5,841,087	13.72	6,190,386	14.70	5,739,118	14.21	5,111,785	13.78	5,482,953	14.10
Vanguard Total Stock Market Index (VITSX)	6,114,469	14.37	6,415,339	15.23	6,022,510	14.92	5,369,118	14.48	5,846,180	15.03
International Equity	3,922,554	9.22	3,937,431	9.35	3,673,155	9.10	3,389,025	9.14	3,496,576	8.99
EuroPacific Growth (RERGX)	1,961,391	4.61	1,966,008	4.67	1,829,856	4.53	1,657,872	4.47	1,769,882	4.55
DFA Intl Value (DFIVX)	1,961,163	4.61	1,971,423	4.68	1,843,299	4.57	1,731,153	4.67	1,726,694	4.44
Total Fixed Income	10,158,167	23.87	8,692,567	20.64	8,836,045	21.88	8,246,894	22.24	7,714,861	19.84
Domestic Fixed Income	8,178,418	19.22	7,101,807	16.86	7,266,245	18.00	6,790,513	18.31	6,242,408	16.05
Garcia Hamilton	40,159	0.09	39,660	0.09	7,266,245	18.00	6,790,513	18.31	6,242,408	16.05
Baird Inter Bond Fund (BIMIX)	8,138,258	19.12	7,062,148	16.77	-	0.00	-	0.00	-	0.00
Global Fixed Income	1,979,749	4.65	1,590,759	3.78	1,569,800	3.89	1,456,380	3.93	1,472,452	3.79
PIMCO Diversified Income (PDIIX)	1,979,749	4.65	1,590,759	3.78	1,569,800	3.89	1,456,380	3.93	1,472,452	3.79
Total Real Estate	4,157,365	9.77	4,197,775	9.97	4,285,026	10.61	4,388,138	11.83	4,568,194	11.75
Principal Real Estate	4,157,365	9.77	4,197,775	9.97	4,285,026	10.61	4,388,138	11.83	4,568,194	11.75
Cash Accounts										
Mutual Fund Cash	126,106	0.30	53,780	0.13	9,541	0.02	9,420	0.03	9,303	0.02
Total Fund	42,561,900	100.00	42,117,161	100.00	40,376,203	100.00	37,083,679	100.00	38,889,399	100.00



Palm Springs Police Officers' Pension Plan
Financial Reconciliation
1 Quarter Ending June 30, 2024

	Market Value 04/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Capital Gain/Loss	Market Value 06/30/2024
Total Equity	29,173,038	-1,480,000	-	-	-	-	105,656	321,568	28,120,262
Domestic Equity	25,235,607	-1,480,000	-	-	-	-	65,795	376,306	24,197,708
JP Morgan U.S. Research Enhanced R6 (JDEUX)	6,409,813	-550,000	-	-	-	-	16,224	283,206	6,159,242
Parnassus Core Equity (PRILX)	6,220,069	-250,000	-	-	-	-	5,722	107,119	6,082,910
Vanguard Mid Cap Index (VIMAX)	6,190,386	-180,000	-	-	-	-	22,171	-191,470	5,841,087
Vanguard Total Stock Market Index (VITSX)	6,415,339	-500,000	-	-	-	-	21,678	177,452	6,114,469
International Equity	3,937,431	-	-	-	-	-	39,861	-54,738	3,922,554
EuroPacific Growth (RERGX)	1,966,008	-	-	-	-	-	8,587	-13,204	1,961,391
DFA Intl Value (DFIVX)	1,971,423	-	-	-	-	-	31,274	-41,535	1,961,163
Total Fixed Income	8,692,567	1,410,943	-	-	-2,284	-	93,543	-36,602	10,158,167
Domestic Fixed Income	7,101,807	1,030,943	-	-	-2,284	-	71,840	-23,889	8,178,418
Garcia Hamilton	39,660	2,284	-	-	-2,284	-	500	-	40,159
Baird Inter Bond Fund (BIMIX)	7,062,148	1,028,659	-	-	-	-	71,341	-23,889	8,138,258
Global Fixed Income	1,590,759	380,000	-	-	-	-	21,703	-12,713	1,979,749
PIMCO Diversified Income (PDIIX)	1,590,759	380,000	-	-	-	-	21,703	-12,713	1,979,749
Total Real Estate	4,197,775	-	-	-	-	-	-	-40,410	4,157,365
Principal Real Estate	4,197,775	-	-	-	-	-	-	-40,410	4,157,365
Cash Accounts									
Mutual Fund Cash	53,780	71,341	-	-	-	-	985	-	126,106
Village	-	-2,284	26,131	-	-	-23,847	-	-	-
Total Fund	42,117,161	-	26,131	-	-2,284	-23,847	200,184	244,555	42,561,900

Palm Springs Police Officers' Pension Plan

Financial Reconciliation

October 1, 2023 To June 30, 2024

	Market Value 10/01/2023	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Capital Gain/Loss	Market Value 06/30/2024
Total Equity	24,439,226	-2,080,000	-	-	-	-	322,517	5,438,519	28,120,262
Domestic Equity	21,050,202	-2,080,000	-	-	-	-	223,819	5,003,687	24,197,708
JP Morgan U.S. Research Enhanced R6 (JDEUX)	5,342,892	-750,000	-	-	-	-	52,840	1,513,511	6,159,242
Parnassus Core Equity (PRILX)	5,226,407	-450,000	-	-	-	-	26,633	1,279,870	6,082,910
Vanguard Mid Cap Index (VIMAX)	5,111,785	-180,000	-	-	-	-	74,967	834,334	5,841,087
Vanguard Total Stock Market Index (VITSX)	5,369,118	-700,000	-	-	-	-	69,379	1,375,972	6,114,469
International Equity	3,389,025	-	-	-	-	-	98,697	434,832	3,922,554
EuroPacific Growth (RERGX)	1,657,872	-	-	-	-	-	37,490	266,029	1,961,391
DFA Intl Value (DFIVX)	1,731,153	-	-	-	-	-	61,207	168,804	1,961,163
Total Fixed Income	8,246,894	1,372,444	-	-15,740	-6,825	-	261,495	299,899	10,158,167
Domestic Fixed Income	6,790,513	992,444	-	-15,740	-6,825	-	201,956	216,070	8,178,418
Garcia Hamilton	6,790,513	-7,034,653	-	-15,740	-6,825	-	87,574	219,290	40,159
Baird Inter Bond Fund (BIMIX)	-	8,027,096	-	-	-	-	114,381	-3,219	8,138,258
Global Fixed Income	1,456,380	380,000	-	-	-	-	59,540	83,829	1,979,749
PIMCO Diversified Income (PDIIX)	1,456,380	380,000	-	-	-	-	59,540	83,829	1,979,749
Total Real Estate	4,388,138	-	-	-	-	-	-	-230,774	4,157,365
Principal Real Estate	4,388,138	-	-	-	-	-	-	-230,774	4,157,365
Cash Accounts									
Mutual Fund Cash	9,420	714,381	-	-600,000	-	-	2,304	-	126,106
Village	-	-6,825	60,246	-	-	-53,421	-	-	-
Total Fund	37,083,679	-	60,246	-615,740	-6,825	-53,421	586,316	5,507,645	42,561,900

Palm Springs Police Officers' Pension Plan
Trailing Returns
As of June 30, 2024

	QTR		FYTD		1 YR		3 YR		5 YR		Inception		Inception Date
Total Fund (Gross)	1.06	(55)	16.51	(17)	12.54	(25)	3.83	(29)	8.62	(14)	8.28	(1)	06/01/2005
Total Fund Policy	1.96	(6)	16.92	(12)	13.68	(10)	4.56	(13)	9.05	(8)	7.45	(20)	
All Public Plans-Total Fund Median	1.15		14.03		10.84		3.10		7.45		6.92		
Total Fund (Net)	1.05		16.49		12.50		3.78		8.57		8.18		06/01/2005
Total Equity	1.52		23.82		19.53		5.98		12.51		10.67		01/01/2010
Total Equity Policy	2.92		25.61		21.45		7.02		12.94		12.20		
Domestic Equity	1.84	(36)	25.15	(39)	20.73	(42)	7.40	(43)	13.60	(37)	11.53	(19)	06/01/2005
Domestic Equity Policy	3.22	(25)	27.27	(33)	23.12	(34)	8.05	(36)	14.14	(31)	10.16	(51)	
IM U.S. All Cap Equity (SA+CF+MF) Median	-0.03		22.48		18.71		6.87		12.17		10.19		
International Equity	-0.38	(60)	15.74	(56)	12.18	(25)	-2.38	(97)	6.10	(56)	3.94	(30)	07/01/2008
Total International Equity Policy	1.17	(18)	16.45	(45)	12.17	(25)	0.97	(72)	6.05	(58)	3.68	(46)	
IM International Large Cap Core Equity (MF) Median	-0.09		16.20		10.30		1.87		6.33		3.61		
Total Fixed Income	0.66		6.76		3.35		-1.14		0.06		3.10		06/01/2005
Total Fixed Income Policy	0.43		6.05		4.17		-1.75		0.33		2.97		
Domestic Fixed Income	0.68	(61)	6.09	(33)	2.20	(99)	-1.25	(85)	0.44	(97)	3.18	(66)	06/01/2005
Total Domestic Fixed Policy	0.46	(89)	5.54	(60)	3.55	(95)	-1.77	(97)	0.22	(98)	2.84	(95)	
IM U.S. Intermediate Duration (SA+CF) Median	0.74		5.73		4.69		-0.85		1.12		3.29		
Global Fixed Income	0.55	(12)	9.83	(3)	8.63	(3)	-0.95	(20)	-1.98	(77)	0.59	(64)	10/01/2013
Total Diversified Fixed Income Policy	0.32	(24)	8.09	(9)	6.66	(15)	-1.68	(28)	0.66	(25)	2.47	(14)	
IM Global Fixed Income (MF) Median	-0.30		5.96		4.07		-2.79		-0.32		1.03		
Total Real Estate (Net)	-0.96	(68)	-5.26	(51)	-8.99	(50)	1.17	(48)	2.56	(83)	4.91	(82)	10/01/2015
NCREIF Fund Index-ODCE (EW) (Net)	-0.83	(67)	-8.39	(63)	-10.32	(62)	1.13	(49)	2.58	(82)	4.71	(84)	
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-0.64	(38)	-7.88	(55)	-9.66	(57)	1.95	(34)	3.41	(39)	5.57	(55)	
IM U.S. Open End Private Real Estate (SA+CF) Median	-0.72		-5.10		-9.03		0.99		3.21		5.63		

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

Palm Springs Police Officers' Pension Plan
Trailing Returns
As of June 30, 2024

	QTR		FYTD		1 YR		3 YR		5 YR		Inception		Inception Date
Domestic Equity Strategies													
JP Morgan U.S. Research Enhanced R6 (JDEUX)	4.85	(16)	29.91	(32)	26.46	(26)	11.12	(9)	16.53	(4)	14.34	(15)	09/01/2015
S&P 500 Index	4.28	(29)	28.77	(45)	24.56	(45)	10.01	(27)	15.05	(24)	14.28	(15)	
IM U.S. Large Cap Core Equity (MF) Median	3.54		28.24		23.89		8.62		14.08		13.15		
Parnassus Core Equity (PRILX)	1.91	(82)	25.40	(73)	21.34	(72)	8.32	(56)	14.11	(50)	13.64	(33)	09/01/2015
S&P 500 Index	4.28	(29)	28.77	(45)	24.56	(45)	10.01	(27)	15.05	(24)	14.28	(15)	
IM U.S. Large Cap Core Equity (MF) Median	3.54		28.24		23.89		8.62		14.08		13.15		
Vanguard Mid Cap Index (VIMAX)	-2.75	(22)	17.77	(40)	11.80	(51)	2.21	(82)	9.38	(45)	9.83	(22)	09/01/2015
Russell Midcap Index	-3.35	(26)	18.42	(31)	12.88	(37)	2.37	(80)	9.46	(42)	10.08	(15)	
IM U.S. Mid Cap Core Equity (MF) Median	-3.95		17.12		11.93		4.27		9.20		8.51		
Vanguard Total Stock Market Index (VITSX)	3.25	(27)	27.40	(33)	23.21	(33)	7.91	(36)	14.07	(27)	13.63	(17)	10/01/2012
Russell 3000 Index	3.22	(29)	27.27	(35)	23.12	(35)	8.05	(32)	14.14	(24)	13.67	(16)	
IM U.S. Multi-Cap Core Equity (MF) Median	1.69		25.12		20.68		6.79		12.72		12.29		
International Equity Strategies													
EuroPacific Growth (RERGX)	-0.23	(53)	18.31	(24)	10.82	(42)	-2.46	(97)	6.05	(58)	5.68	(13)	03/01/2015
MSCI AC World ex USA	1.17	(18)	16.45	(45)	12.17	(25)	0.97	(72)	6.05	(58)	5.12	(25)	
IM International Large Cap Core Equity (MF) Median	-0.09		16.20		10.30		1.87		6.33		4.62		
DFA Intl Value (DFIVX)	-0.52	(69)	13.29	(55)	13.58	(25)	N/A		N/A		12.70	(31)	03/01/2023
MSCI EAFE Value	0.36	(38)	13.77	(50)	14.54	(23)	6.31	(16)	6.76	(42)	13.56	(26)	
IM International Large Cap Value Equity (MF) Median	0.04		13.76		11.04		4.22		6.47		11.94		
Domestic Fixed Income Strategies													
Baird Inter Bond Fund (BIMIX)	0.67	(57)	N/A		N/A		N/A		N/A		1.40	(45)	03/01/2024
Bloomberg Intermediate US Govt/Credit Idx	0.64	(61)	5.07	(58)	4.19	(64)	-1.18	(63)	0.71	(58)	1.28	(57)	
IM U.S. Intermediate Duration Fixed Income (MF) Median	0.76		5.22		4.72		-0.55		0.87		1.33		
Global Fixed Income Strategies													
PIMCO Diversified Income (PDIIX)	0.55	(12)	9.83	(3)	8.63	(3)	-0.96	(20)	N/A		-0.23	(15)	03/01/2021
BImbg. Global Credit (Hedged)	0.32	(24)	8.09	(9)	6.66	(15)	-1.68	(28)	1.00	(19)	-1.10	(25)	
IM Global Fixed Income (MF) Median	-0.30		5.96		4.07		-2.79		-0.32		-2.51		
Real Estate Strategies													
Principal Real Estate (Net)	-0.96	(68)	-5.26	(51)	-8.99	(50)	1.17	(48)	2.56	(83)	4.91	(82)	10/01/2015
NCREIF Fund Index-ODCE (EW) (Net)	-0.83	(67)	-8.39	(63)	-10.32	(62)	1.13	(49)	2.58	(82)	4.71	(84)	
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-0.64	(38)	-7.88	(55)	-9.66	(57)	1.95	(34)	3.41	(39)	5.57	(55)	
IM U.S. Open End Private Real Estate (SA+CF) Median	-0.72		-5.10		-9.03		0.99		3.21		5.63		

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

Palm Springs Police Officers' Pension Plan
Fiscal Year Returns
As of June 30, 2024

	FYTD		FY 2023		FY 2022		FY 2021		FY 2020		FY 2019		FY 2018		FY 2017	
Total Fund (Gross)	16.51	(17)	10.83	(47)	-13.50	(50)	21.46	(39)	10.45	(13)	5.12	(28)	9.96	(10)	12.84	(32)
Total Fund Policy	16.92	(12)	12.37	(22)	-13.36	(49)	21.28	(42)	10.70	(11)	4.51	(43)	10.37	(8)	13.09	(26)
All Public Plans-Total Fund Median	14.03		10.60		-13.52		20.70		7.38		4.31		7.53		12.14	
Total Fund (Net)	16.49		10.78		-13.55		21.40		10.40		5.09		9.91		12.78	
Total Equity	23.82		20.09		-19.69		30.87		14.31		4.65		13.82		17.23	
Total Equity Policy	25.61		20.64		-18.70		30.77		13.24		2.39		15.19		18.97	
Domestic Equity	25.15	(39)	19.70	(42)	-17.35	(56)	31.99	(52)	14.20	(40)	5.24	(25)	16.24	(47)	16.60	(72)
Domestic Equity Policy	27.27	(33)	20.46	(36)	-17.63	(58)	31.88	(53)	15.00	(38)	2.92	(42)	17.58	(41)	18.71	(53)
IM U.S. All Cap Equity (SA+CF+MF) Median	22.48		18.58		-16.26		32.21		9.87		1.99		15.51		18.90	
International Equity	15.74	(56)	22.58	(65)	-32.85	(100)	24.76	(46)	14.97	(1)	1.14	(5)	1.47	(46)	20.63	(31)
International Equity Policy	16.45	(45)	21.02	(78)	-24.79	(34)	24.45	(48)	3.45	(45)	-0.72	(21)	2.25	(19)	20.15	(33)
IM International Large Cap Core Equity (MF) Median	16.20		24.37		-25.39		24.28		2.82		-2.78		1.30		18.72	
Total Fixed Income	6.76		1.69		-11.12		-0.67		4.04		6.24		-0.16		3.41	
Total Fixed Income Policy	6.05		2.18		-12.51		0.51		5.55		7.92		-0.96		0.77	
Domestic Fixed Income	6.09	(33)	0.47	(98)	-9.79	(41)	-0.98	(98)	5.87	(74)	7.04	(82)	0.30	(17)	0.79	(45)
Domestic Fixed Policy	5.54	(60)	1.42	(89)	-11.49	(89)	-0.38	(88)	5.66	(78)	8.08	(47)	-0.93	(95)	0.25	(86)
IM U.S. Intermediate Duration (SA+CF) Median	5.73		2.53		-10.04		0.28		6.44		8.04		-0.36		0.71	
Global Fixed Income	9.83	(3)	7.33	(7)	-17.66	(51)	0.78	(54)	-4.57	(100)	2.50	(99)	-1.92	(65)	13.82	(1)
Total Diversified Fixed Income Policy	8.09	(9)	5.27	(13)	-16.53	(49)	4.10	(9)	4.68	(62)	7.19	(57)	-1.16	(48)	2.83	(30)
IM Global Fixed Income (MF) Median	5.96		2.65		-17.63		0.90		5.39		7.65		-1.33		1.10	
Total Real Estate (Net)	-5.26	(51)	-14.57	(74)	21.92	(45)	13.13	(78)	0.07	(72)	5.80	(72)	8.59	(60)	8.64	(31)
NCREIF Fund Index-ODCE (EW) (Net)	-8.39	(63)	-13.08	(57)	21.68	(46)	14.83	(56)	0.89	(68)	5.26	(77)	7.89	(74)	6.93	(62)
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-7.88	(55)	-12.40	(43)	22.76	(40)	15.75	(54)	1.74	(43)	6.17	(70)	8.82	(56)	7.81	(50)
IM U.S. Open End Private Real Estate (SA+CF) Median	-5.10		-12.68		20.33		16.09		1.58		6.80		8.93		7.78	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

Palm Springs Police Officers' Pension Plan
Fiscal Year Returns
As of June 30, 2024

	FYTD		FY 2023		FY 2022		FY 2021		FY 2020		FY 2019		FY 2018		FY 2017	
Domestic Equity Strategies																
JP Morgan U.S. Research Enhanced R6 (JDEUX)	29.91	(32)	23.04	(22)	-14.23	(22)	31.05	(20)	18.13	(19)	2.98	(56)	16.97	(47)	19.31	(32)
S&P 500 Index	28.77	(45)	21.62	(39)	-15.47	(31)	30.00	(38)	15.15	(46)	4.25	(41)	17.91	(33)	18.61	(45)
IM U.S. Large Cap Core Equity (MF) Median	28.24		20.90		-17.11		29.05		14.77		3.56		16.72		18.34	
Parnassus Core Equity (PRILX)	25.40	(73)	22.74	(24)	-17.58	(60)	28.20	(60)	16.21	(36)	11.43	(4)	16.74	(50)	13.15	(94)
S&P 500 Index	28.77	(45)	21.62	(39)	-15.47	(31)	30.00	(38)	15.15	(46)	4.25	(41)	17.91	(33)	18.61	(45)
IM U.S. Large Cap Core Equity (MF) Median	28.24		20.90		-17.11		29.05		14.77		3.56		16.72		18.34	
Vanguard Mid Cap Index (VIMAX)	17.77	(40)	12.61	(49)	-19.48	(91)	36.09	(67)	7.08	(10)	3.65	(33)	13.42	(24)	15.30	(46)
Russell Midcap Index	18.42	(31)	13.45	(40)	-19.39	(90)	38.11	(47)	4.55	(17)	3.19	(37)	13.98	(19)	15.32	(46)
IM U.S. Mid Cap Core Equity (MF) Median	17.12		12.46		-14.07		37.86		-2.64		1.86		9.96		15.17	
Vanguard Total Stock Market Index (VITSX)	27.40	(33)	20.38	(33)	-18.01	(60)	32.10	(35)	15.01	(24)	2.89	(37)	17.62	(22)	18.64	(43)
Russell 3000 Index	27.27	(35)	20.46	(31)	-17.63	(54)	31.88	(39)	15.00	(24)	2.92	(36)	17.58	(23)	18.71	(40)
IM U.S. Multi-Cap Core Equity (MF) Median	25.12		18.77		-17.28		30.69		11.14		1.48		15.61		18.24	
International Equity Strategies																
EuroPacific Growth (RERGX)	18.31	(24)	19.64	(85)	-32.85	(100)	24.76	(46)	14.97	(1)	1.14	(5)	1.47	(46)	20.63	(31)
MSCI AC World ex USA	16.45	(45)	21.02	(78)	-24.79	(34)	24.45	(48)	3.45	(45)	-0.72	(21)	2.25	(19)	20.15	(33)
IM International Large Cap Core Equity (MF) Median	16.20		24.37		-25.39		24.28		2.82		-2.78		1.30		18.72	
DFA Intl Value (DFIVX)	13.29	(55)	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
MSCI EAFE Value	13.77	(50)	32.46	(27)	-19.62	(10)	31.43	(32)	-11.45	(100)	-4.31	(27)	0.24	(49)	23.22	(2)
IM International Large Cap Value Equity (MF) Median	13.76		29.35		-22.63		29.29		-5.76		-5.45		-0.02		18.21	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

Palm Springs Police Officers' Pension Plan
Fiscal Year Returns
As of June 30, 2024

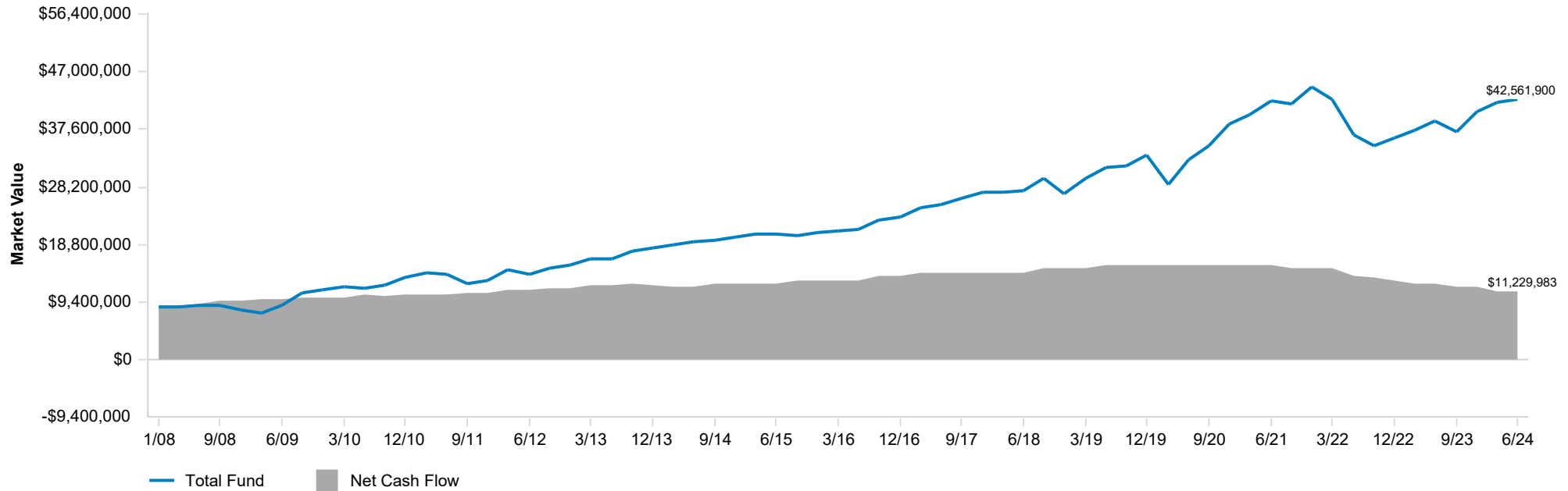
	FYTD		FY 2023		FY 2022		FY 2021		FY 2020		FY 2019		FY 2018		FY 2017	
Domestic Fixed Income Strategies																
Garcia Hamilton	N/A		0.47	(98)	-9.79	(41)	-0.98	(98)	5.87	(74)	7.04	(82)	0.30	(17)	0.79	(45)
Bloomberg Intermed Aggregate Index	5.54	(60)	1.42	(89)	-11.49	(89)	-0.38	(88)	5.66	(78)	8.08	(47)	-0.93	(95)	0.25	(86)
IM U.S. Intermediate Duration (SA+CF) Median	5.73		2.53		-10.04		0.28		6.44		8.04		-0.36		0.71	
Baird Inter Bond Fund (BIMIX)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bloomberg Intermediate US Govt/Credit Idx	5.07	(58)	2.20	(52)	-10.14	(67)	-0.40	(71)	6.32	(26)	8.17	(14)	-0.96	(54)	0.23	(61)
IM U.S. Intermediate Duration Fixed Income (MF) Median	5.22		2.31		-8.90		0.21		5.20		6.02		-0.88		0.48	
Global Fixed Income Strategies																
Templeton Global Total Return (FTTRX)	N/A		N/A		N/A		N/A		-4.57	(100)	2.50	(99)	-1.92	(65)	13.82	(1)
Total Diversified Fixed Income Policy	8.09	(9)	5.27	(13)	-16.53	(49)	4.10	(9)	4.68	(62)	7.19	(57)	-1.16	(48)	2.83	(30)
IM Global Fixed Income (MF) Median	5.96		2.65		-17.63		0.90		5.39		7.65		-1.33		1.10	
PIMCO Diversified Income (PDIIX)	9.83	(3)	7.30	(7)	-17.66	(51)	N/A		N/A		N/A		N/A		N/A	
Blmbg. Global Credit (Hedged)	8.09	(9)	5.27	(13)	-16.53	(49)	2.72	(22)	5.26	(53)	10.83	(12)	0.39	(16)	3.04	(29)
IM Global Fixed Income (MF) Median	5.96		2.65		-17.63		0.90		5.39		7.65		-1.33		1.10	
Real Estate Strategies																
Principal Real Estate (Net)	-5.26	(51)	-14.57	(74)	21.92	(45)	13.13	(78)	0.07	(72)	5.80	(72)	8.56	(60)	8.64	(31)
NCREIF Fund Index-ODCE (EW) (Net)	-8.39	(63)	-13.08	(57)	21.68	(46)	14.83	(56)	0.89	(68)	5.26	(77)	7.89	(74)	6.93	(62)
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-7.88	(55)	-12.40	(43)	22.76	(40)	15.75	(54)	1.74	(43)	6.17	(70)	8.82	(56)	7.81	(50)
IM U.S. Open End Private Real Estate (SA+CF) Median	-5.10		-12.68		20.33		16.09		1.58		6.80		8.93		7.78	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

Page Intentionally Left Blank

Palm Springs Police Officers' Pension Plan
Long-Term Performance
As of June 30, 2024

Plan Growth



Trailing Returns

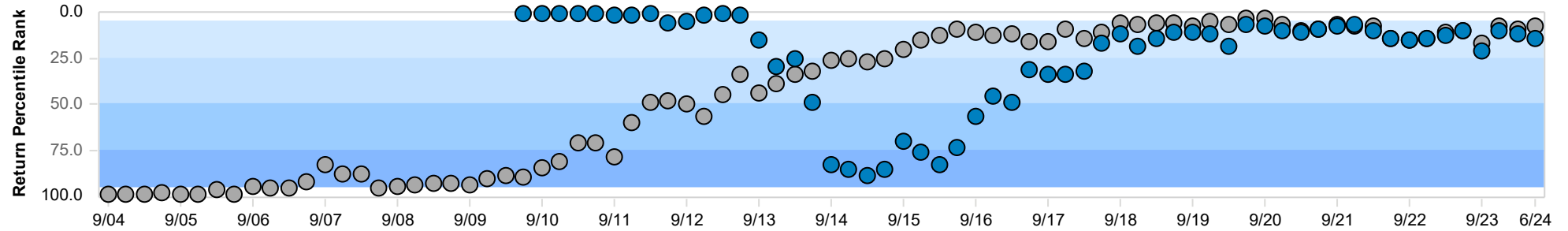
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Total Fund	1.06 (55)	7.01 (15)	12.54 (25)	11.10 (26)	3.83 (29)	8.62 (14)	8.66 (10)	7.83 (9)	9.44 (16)
Total Fund Policy	1.96 (6)	7.72 (6)	13.68 (10)	12.19 (12)	4.56 (13)	9.05 (8)	8.98 (5)	8.24 (4)	9.88 (6)
Median	1.15	5.73	10.84	9.85	3.10	7.45	7.40	6.77	8.72

Fiscal Year Returns

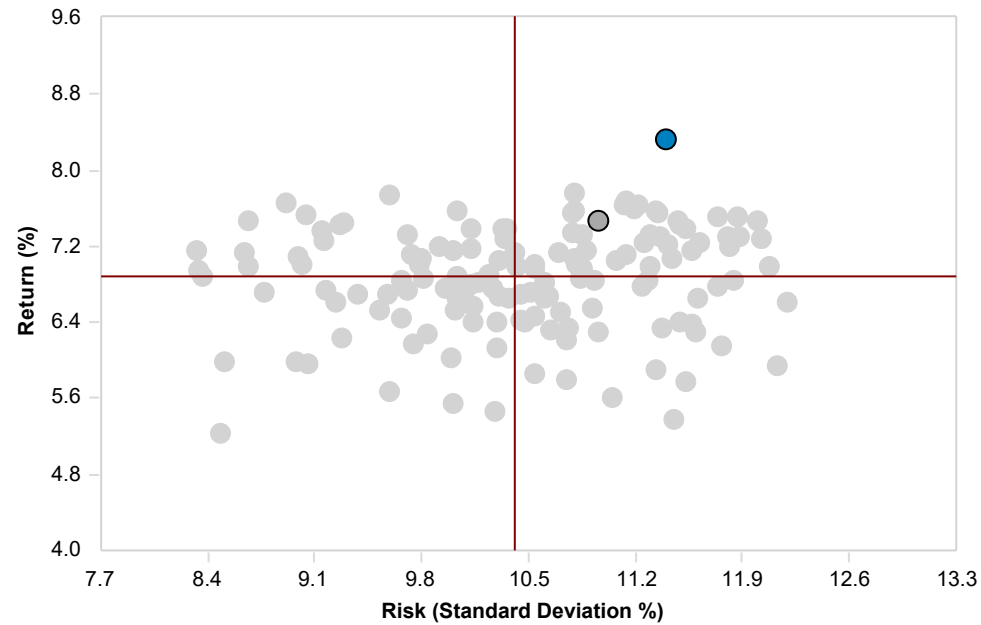
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
Total Fund	16.51 (17)	-13.50 (49)	21.46 (37)	10.45 (12)	5.12 (32)	9.96 (9)	12.84 (32)
Total Fund Policy	16.92 (12)	-13.36 (47)	21.28 (40)	10.70 (10)	4.51 (47)	10.37 (7)	13.09 (23)
Median	14.03	-13.73	20.82	7.33	4.37	7.75	12.08

Peer Group: All Public Plans-Total Fund

5 Year Rolling Percentile Ranking

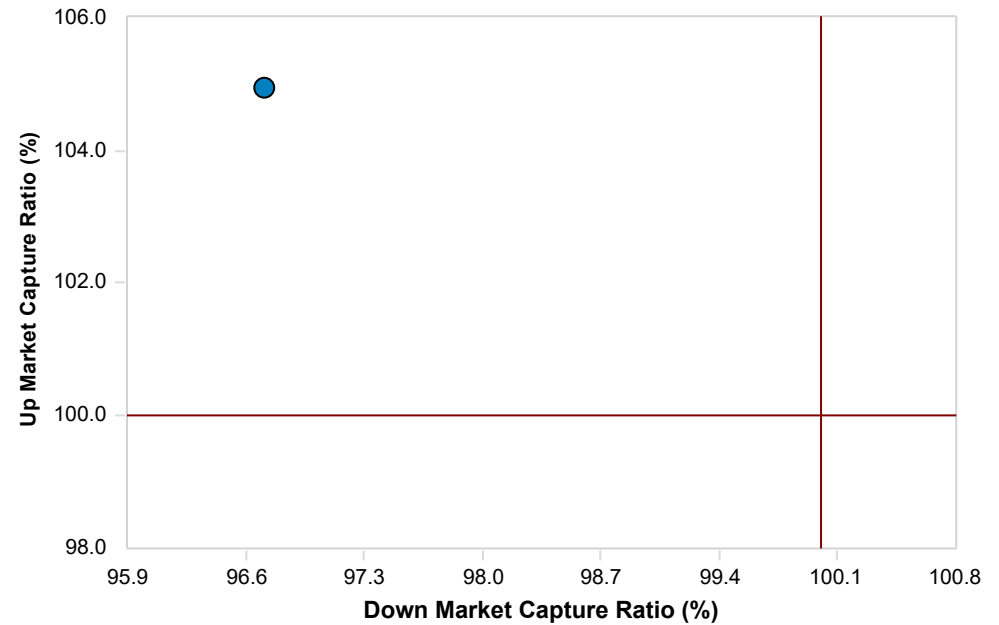


Risk vs Return: Since Inception (July 1, 2005)



● Total Fund ● Total Fund Policy

Up/Down Markets: Since Inception Ending June 30, 2024



● Total Fund

Historical Statistics: Since Inception

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error	Inception Date
Total Fund	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06/01/2005
Total Fund Policy	100.00	-31.26	0.00	0.00	0.53	N/A	0.06	1.00	0.00	01/01/1978

Palm Springs Police Officers' Pension Plan
Compliance Statistics
As of June 30, 2024

Multi Time Period Statistics

	1 Qtr Return		1 Quarter Ending Mar-2024 Return		1 Quarter Ending Dec-2023 Return		1 Quarter Ending Sep-2023 Return		3 YR Return		5 YR Return		3 YR Down Market Capture		5 YR Down Market Capture	
Total Fund (Gross)	1.06	(55)	5.89	(8)	8.88	(25)	-3.41	(84)	3.83	(29)	8.62	(14)	105.41	(31)	103.98	(31)
Total Fund Policy	1.96	(6)	5.65	(11)	8.54	(32)	-2.77	(57)	4.56	(13)	9.05	(8)	100.00		100.00	
All Public Plans-Total Fund Median	1.15		4.47		7.75		-2.54		3.10		7.45		95.18		97.14	
Total Fund (Net)	1.05		5.88		8.88		-3.43		3.78		8.57		105.75		104.22	
Total Fund Policy	1.96		5.65		8.54		-2.77		4.56		9.05		100.00		100.00	
Total Equity	1.52		9.40		11.48		-3.46		5.98		12.51		104.20		101.71	
Total Equity Policy	2.92		9.23		11.73		-3.31		7.02		12.94		100.00		100.00	
Domestic Equity	1.84	(36)	9.74	(59)	11.98	(47)	-3.53	(59)	7.40	(43)	13.60	(37)	101.65	(40)	100.37	(47)
Domestic Equity Policy	3.22	(25)	10.02	(54)	12.07	(45)	-3.25	(53)	8.05	(36)	14.14	(31)	100.00		100.00	
IM U.S. All Cap Equity (SA+CF+MF) Median	-0.03		10.14		11.82		-3.17		6.87		12.17		93.91		99.55	
International Equity	-0.38	(60)	7.19	(18)	8.38	(83)	-3.08	(3)	-2.38	(97)	6.10	(56)	118.19	(18)	109.08	(21)
Total International Equity Policy	1.17	(18)	4.81	(64)	9.82	(64)	-3.68	(11)	0.97	(72)	6.05	(58)	100.00		100.00	
IM International Large Cap Core Equity (MF) Median	-0.09		5.60		10.41		-4.98		1.87		6.33		103.66		100.84	
Total Fixed Income	0.66	(9)	-1.00	(98)	7.14	(19)	-3.19	(57)	-1.14	(6)	0.06	(78)	105.04	(92)	103.08	(93)
Total Fixed Income Policy	0.43	(16)	-0.25	(29)	5.86	(96)	-1.77	(5)	-1.75	(12)	0.33	(49)	100.00		100.00	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	0.26		-0.48		6.82		-3.13		-2.63		0.31		125.03		129.69	
Domestic Fixed Income	0.68	(61)	-1.52	(100)	7.01	(4)	-3.67	(100)	-1.25	(85)	0.44	(97)	108.86	(6)	107.77	(6)
Total Domestic Fixed Policy	0.46	(89)	-0.42	(95)	5.50	(25)	-1.89	(87)	-1.77	(97)	0.22	(98)	100.00		100.00	
IM U.S. Intermediate Duration (SA+CF) Median	0.74		0.13		4.72		-0.83		-0.85		1.12		78.64		81.21	
Global Fixed Income	0.55	(12)	1.34	(7)	7.79	(41)	-1.09	(23)	-0.95	(20)	-1.98	(77)	105.06	(49)	104.81	(32)
Total Diversified Fixed Income Policy	0.32	(24)	0.40	(25)	7.32	(51)	-1.32	(29)	-1.68	(28)	0.66	(25)	100.00		100.00	
IM Global Fixed Income (MF) Median	-0.30		-0.35		7.37		-2.42		-2.79		-0.32		100.76		83.49	
Total Real Estate (Net)	-0.96	(68)	-2.04	(44)	-2.35	(37)	-3.94	(81)	1.17	(48)	2.56	(83)	92.92	(50)	93.52	(51)
NCREIF Fund Index-ODCE (EW) (Net)	-0.83	(67)	-2.38	(61)	-5.37	(70)	-2.12	(38)	1.13	(49)	2.58	(82)	100.00		100.00	
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-0.64	(38)	-2.19	(55)	-5.22	(69)	-1.93	(37)	1.95	(34)	3.41	(39)	94.26	(48)	93.79	(50)
IM U.S. Open End Private Real Estate (SA+CF) Median	-0.72		-2.10		-4.10		-2.66		0.99		3.21		92.45		93.56	

Palm Springs Police Officers' Pension Plan
Compliance Statistics
As of June 30, 2024

	1 Qtr Return		1 Quarter Ending Mar-2024 Return		1 Quarter Ending Dec-2023 Return		1 Quarter Ending Sep-2023 Return		3 YR Return		5 YR Return		3 YR Down Market Capture		5 YR Down Market Capture	
Domestic Equity Strategies																
JP Morgan U.S. Research Enhanced R6 (JDEUX)	4.85	(16)	10.97	(43)	11.65	(53)	-2.66	(29)	11.12	(9)	16.53	(4)	96.14	(77)	97.31	(71)
S&P 500 Index	4.28	(29)	10.56	(52)	11.69	(51)	-3.27	(56)	10.01	(27)	15.05	(24)	100.00		100.00	
IM U.S. Large Cap Core Equity (MF) Median	3.54		10.65		11.70		-3.17		8.62		14.08		101.98		101.15	
Parnassus Core Equity (PRILX)	1.91	(82)	10.03	(68)	11.84	(44)	-3.24	(54)	8.32	(56)	14.11	(50)	107.81	(30)	98.93	(62)
S&P 500 Index	4.28	(29)	10.56	(52)	11.69	(51)	-3.27	(56)	10.01	(27)	15.05	(24)	100.00		100.00	
IM U.S. Large Cap Core Equity (MF) Median	3.54		10.65		11.70		-3.17		8.62		14.08		101.98		101.15	
Vanguard Mid Cap Index (VIMAX)	-2.75	(22)	7.86	(78)	12.27	(41)	-5.07	(78)	2.21	(82)	9.38	(45)	100.89	(11)	98.32	(34)
Russell Midcap Index	-3.35	(26)	8.60	(63)	12.82	(26)	-4.68	(64)	2.37	(80)	9.46	(42)	100.00		100.00	
IM U.S. Mid Cap Core Equity (MF) Median	-3.95		9.08		11.54		-4.22		4.27		9.20		86.70		95.11	
Vanguard Total Stock Market Index (VITSX)	3.25	(27)	10.00	(50)	12.17	(34)	-3.29	(46)	7.91	(36)	14.07	(27)	101.06	(46)	100.55	(52)
Russell 3000 Index	3.22	(29)	10.02	(48)	12.07	(39)	-3.25	(42)	8.05	(32)	14.14	(24)	100.00		100.00	
IM U.S. Multi-Cap Core Equity (MF) Median	1.69		10.00		11.80		-3.40		6.79		12.72		99.64		100.65	
International Equity Strategies																
EuroPacific Growth (RERGX)	-0.23	(53)	7.44	(16)	10.37	(54)	-6.33	(72)	-2.46	(97)	6.05	(58)	127.42	(8)	114.48	(10)
MSCI AC World ex USA	1.17	(18)	4.81	(64)	9.82	(64)	-3.68	(11)	0.97	(72)	6.05	(58)	100.00		100.00	
IM International Large Cap Core Equity (MF) Median	-0.09		5.60		10.41		-4.98		1.87		6.33		103.66		100.84	
DFA Intl Value (DFIVX)	-0.52	(69)	6.95	(21)	6.48	(94)	0.26	(7)	N/A		N/A		N/A		N/A	
MSCI EAFE Value	0.36	(38)	4.70	(60)	8.28	(43)	0.68	(7)	6.31	(16)	6.76	(42)	100.00		100.00	
IM International Large Cap Value Equity (MF) Median	0.04		4.89		8.06		-2.30		4.22		6.47		103.98		104.82	
Domestic Fixed Income Strategies																
Baird Inter Bond Fund (BIMIX)	0.67	(57)	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bloomberg Intermediate US Govt/Credit Idx	0.64	(61)	-0.15	(63)	4.56	(34)	-0.83	(69)	-1.18	(63)	0.71	(58)	100.00		100.00	
IM U.S. Intermediate Duration Fixed Income (MF) Median	0.76		0.22		4.10		-0.05		-0.55		0.87		77.52		76.21	
Global Fixed Income Strategies																
PIMCO Diversified Income (PDIIX)	0.55	(12)	1.34	(7)	7.79	(41)	-1.09	(23)	-0.96	(20)	N/A		105.06	(49)	N/A	
Blmbg. Global Credit (Hedged)	0.32	(24)	0.40	(25)	7.32	(51)	-1.32	(29)	-1.68	(28)	1.00	(19)	100.00		100.00	
IM Global Fixed Income (MF) Median	-0.30		-0.35		7.37		-2.42		-2.79		-0.32		100.76		98.38	
Real Estate Strategies																
Principal Real Estate (Net)	-0.96	(68)	-2.04	(44)	-2.35	(37)	-3.94	(81)	1.17	(48)	2.56	(83)	92.92	(50)	93.52	(51)
NCREIF Fund Index-ODCE (EW) (Net)	-0.83	(67)	-2.38	(61)	-5.37	(70)	-2.12	(38)	1.13	(49)	2.58	(82)	100.00		100.00	
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-0.64	(38)	-2.19	(55)	-5.22	(69)	-1.93	(37)	1.95	(34)	3.41	(39)	94.26	(48)	93.79	(50)
IM U.S. Open End Private Real Estate (SA+CF) Median	-0.72		-2.10		-4.10		-2.66		0.99		3.21		92.45		93.56	

Palm Springs Police Officers' Pension Plan
Fee Analysis
As of June 30, 2024

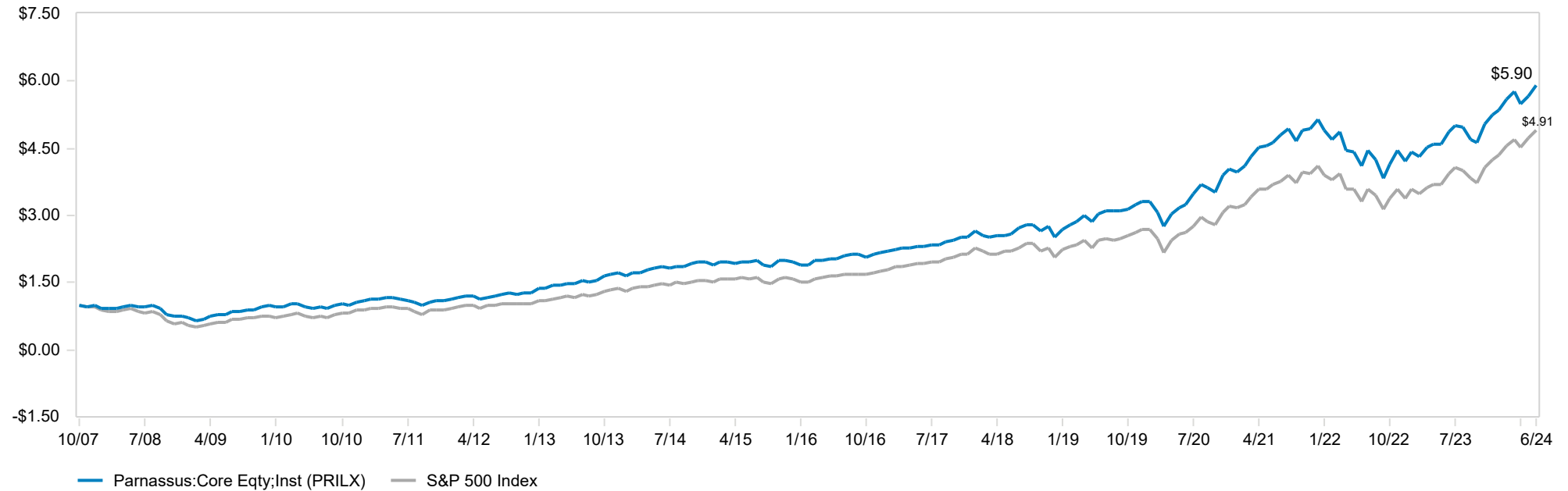
	Estimated Annual Fee (%)	06/30/24 Market Value	06/30/24 Allocation (%)	Estimated Annual Fee (\$)
Domestic Equity				
JP Morgan U.S. Research Enhanced R6 (JDEUX)	0.25	6,159,242	14.47	15,398
Vanguard Total Stock Market Index (VITSX)	0.03	6,114,469	14.37	1,834
Vanguard Mid Cap Index (VIMAX)	0.05	5,841,087	13.72	2,921
Parnassus Core Equity (PRILX)	0.61	6,082,910	14.29	37,106
International Equity				
EuroPacific Growth (RERGX)	0.46	1,961,391	4.61	9,022
DFA Intl Value (DFIVX)	0.28	1,961,163	4.61	5,491
Domestic Fixed Income				
Baird Inter Bond Fund (BIMIX)	0.30	8,138,258	19.12	24,415
Global Fixed Income				
PIMCO Diversified Income (PDIIX)	0.75	1,979,749	4.65	14,848
Real Estate				
Principal Real Estate	1.10	4,157,365	9.77	45,731
Cash Accounts				
Mutual Fund Cash		126,106	0.30	-
Village		-	0.00	-
Total Fund	0.37	42,561,900	100.00	156,867

Fee information on this page is an illustrative estimate of management fees based on current reported portfolio values. Fee estimates do not reflect actual calculation methodologies or applicable carried interest.

Long-Term Manager Composite Data

Parnassus:Core Eqty;Inst (PRILX)
Long-Term Composite Performance
As of June 30, 2024

Growth of a Dollar



Trailing Returns

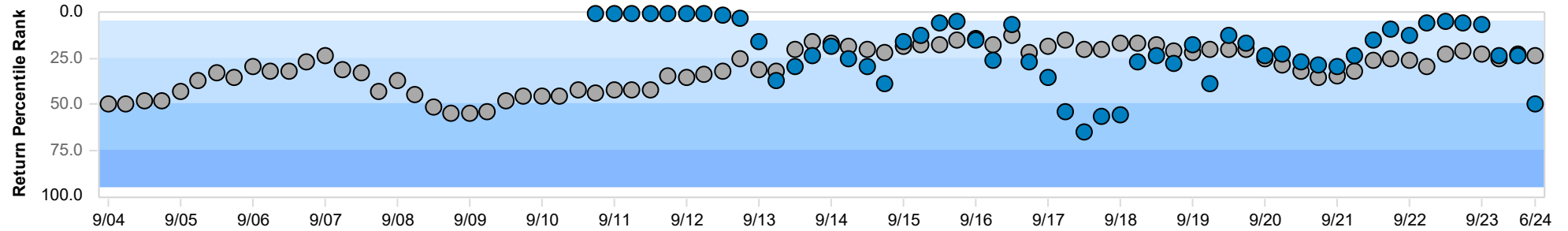
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Parnassus:Core Eqty;Inst (PRILX)	1.91 (82)	12.13 (73)	21.34 (72)	19.72 (70)	8.32 (56)	14.11 (50)	14.26 (24)	12.24 (37)	14.27 (34)
S&P 500 Index	4.28 (29)	15.29 (39)	24.56 (45)	22.05 (38)	10.01 (27)	15.05 (24)	14.28 (23)	12.86 (15)	14.82 (15)
Median	3.54	14.68	23.89	21.21	8.62	14.08	13.35	11.78	13.74

Fiscal Year Returns

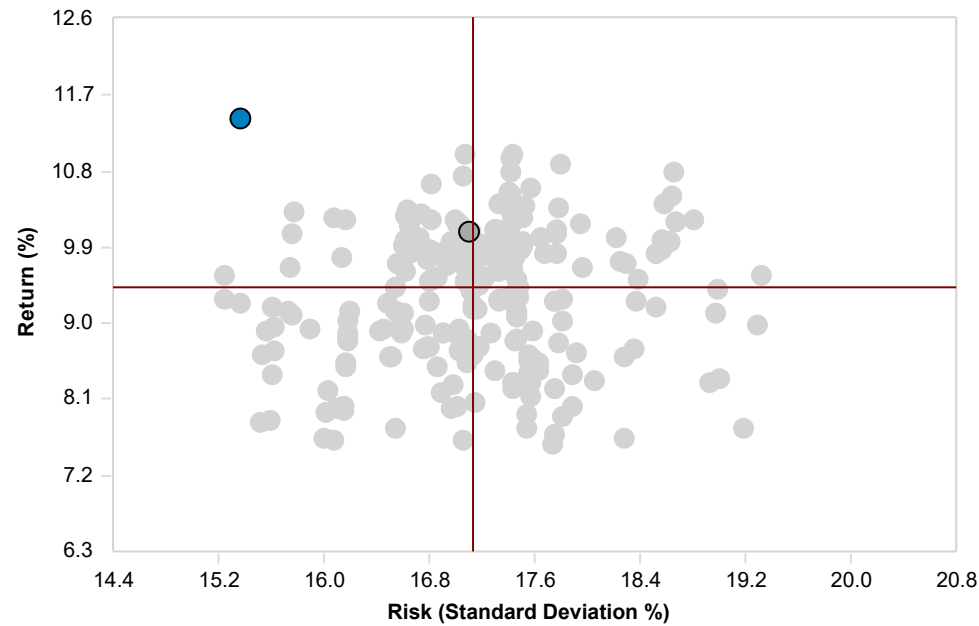
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
Parnassus:Core Eqty;Inst (PRILX)	25.40 (73)	-17.58 (60)	28.20 (60)	16.21 (36)	11.43 (4)	16.74 (50)	13.15 (94)
S&P 500 Index	28.77 (45)	-15.47 (31)	30.00 (38)	15.15 (46)	4.25 (41)	17.91 (33)	18.61 (45)
Median	28.24	-17.11	29.05	14.77	3.56	16.72	18.34

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Large Cap Core Equity (MF)

5 Year Rolling Percentile Ranking

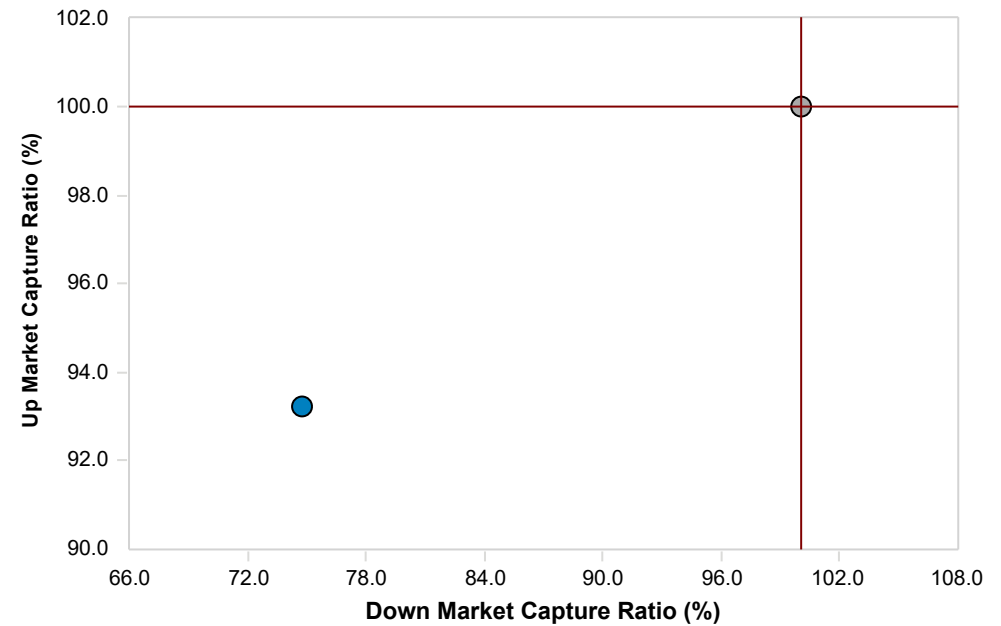


Risk vs Return: October 2007 to Present



● Parnassus:Core Eqty;Inst (PRILX) ● S&P 500 Index

Up/Down Markets: October 2007 to Present



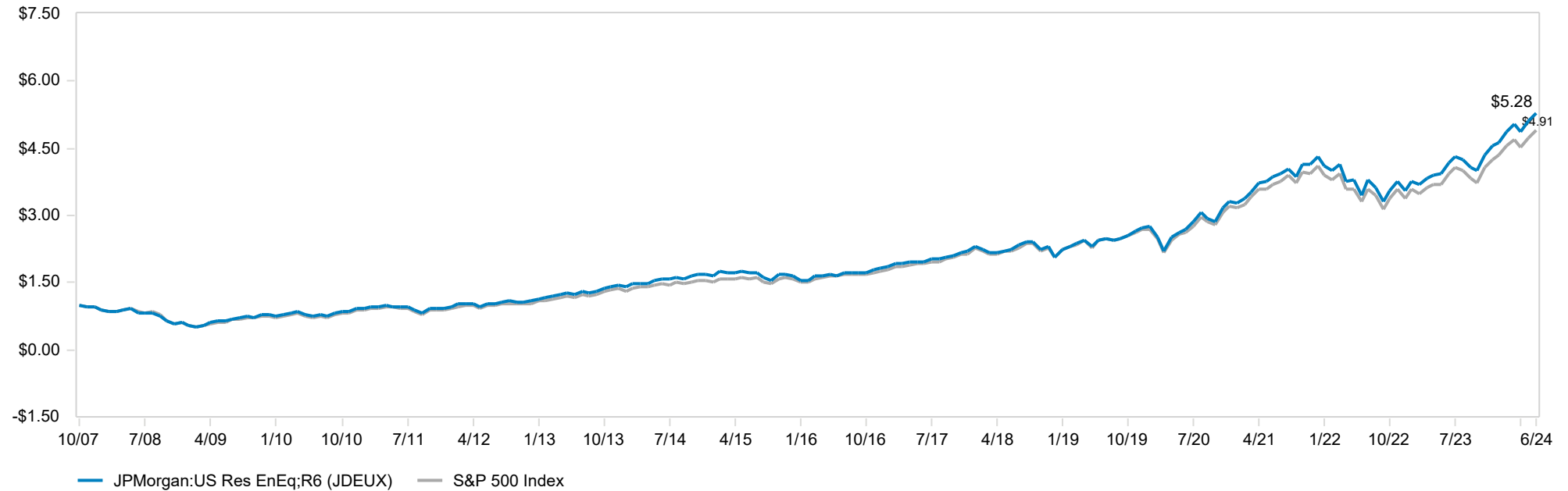
● Parnassus:Core Eqty;Inst (PRILX) ● S&P 500 Index

Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Parnassus:Core Eqty;Inst (PRILX)	49.25	-31.14	2.43	0.95	0.72	0.21	0.13	0.87	4.45
S&P 500 Index	100.00	-45.80	0.00	0.00	0.59	N/A	0.10	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Large Cap Core Equity (MF)

Growth of a Dollar



Trailing Returns

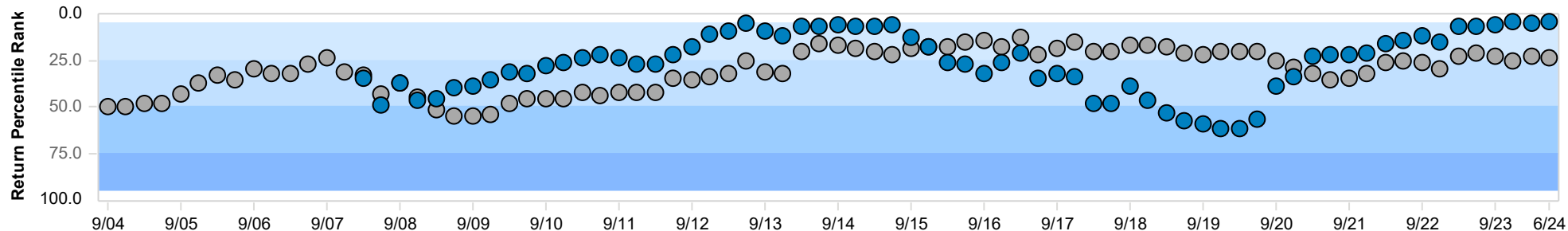
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
JPMorgan:US Res EnEq;R6 (JDEUX)	4.85 (16)	16.35 (26)	26.46 (26)	23.50 (20)	11.12 (9)	16.53 (4)	15.08 (9)	12.86 (15)	15.14 (8)
S&P 500 Index	4.28 (29)	15.29 (39)	24.56 (45)	22.05 (38)	10.01 (27)	15.05 (24)	14.28 (23)	12.86 (15)	14.82 (15)
Median	3.54	14.68	23.89	21.21	8.62	14.08	13.35	11.78	13.74

Fiscal Year Returns

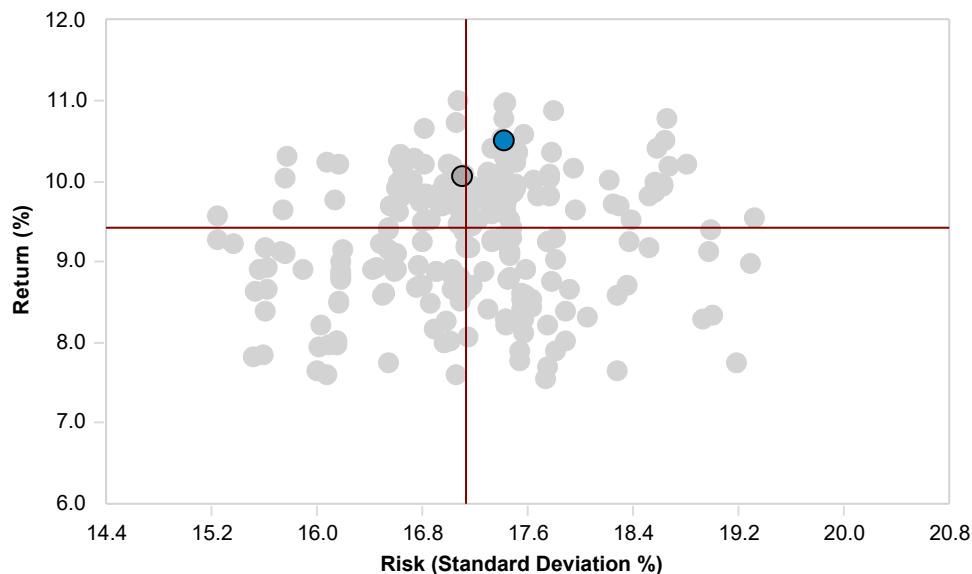
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
JPMorgan:US Res EnEq;R6 (JDEUX)	29.91 (32)	-14.23 (22)	31.05 (20)	18.13 (19)	2.98 (56)	16.97 (47)	19.31 (32)
S&P 500 Index	28.77 (45)	-15.47 (31)	30.00 (38)	15.15 (46)	4.25 (41)	17.91 (33)	18.61 (45)
Median	28.24	-17.11	29.05	14.77	3.56	16.72	18.34

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Large Cap Core Equity (MF)

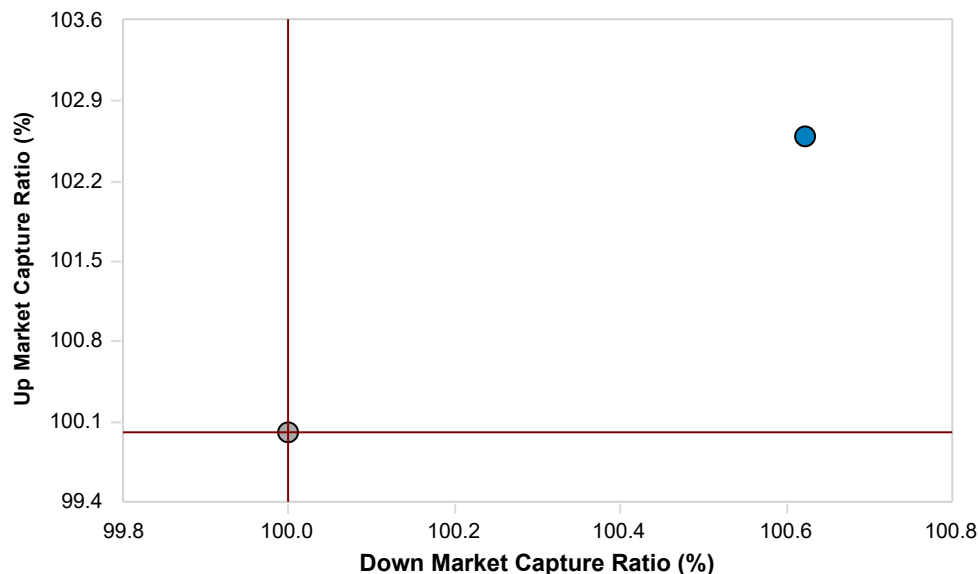
5 Year Rolling Percentile Ranking



Risk vs Return: October 2007 to Present



Up/Down Markets: October 2007 to Present



● JPMorgan:US Res EnEq;R6 (JDEUX)
● S&P 500 Index

● JPMorgan:US Res EnEq;R6 (JDEUX)
● S&P 500 Index

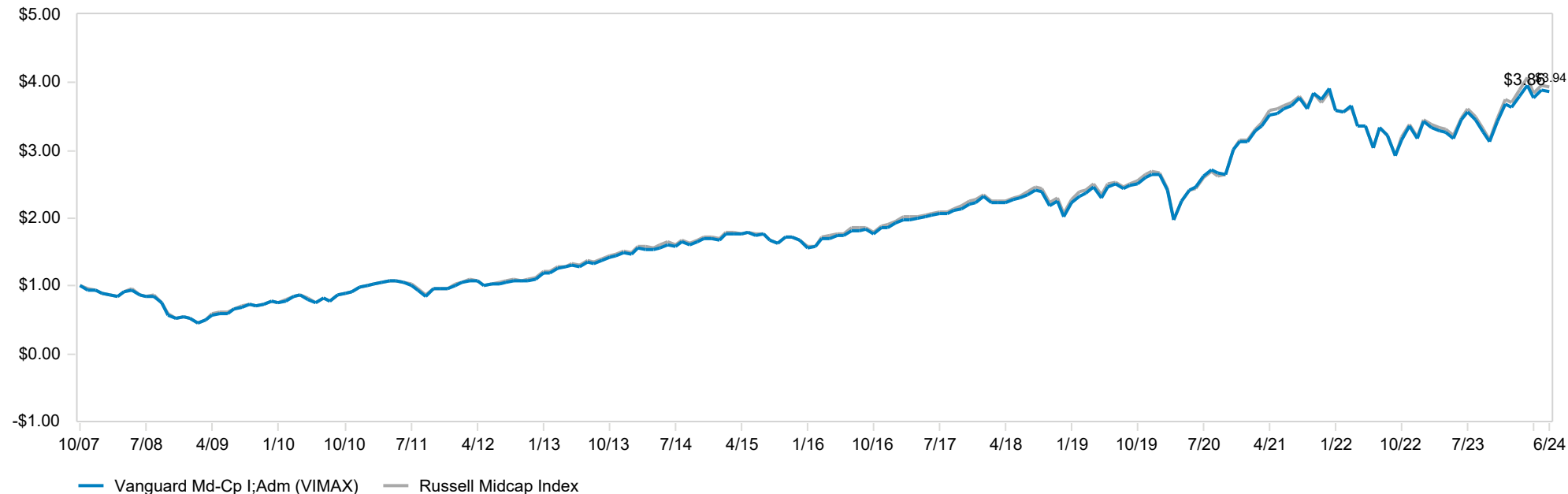
Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
JPMorgan:US Res EnEq;R6 (JDEUX)	62.69	-44.76	0.31	0.47	0.61	0.32	0.10	1.01	1.49
S&P 500 Index	100.00	-45.80	0.00	0.00	0.59	N/A	0.10	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Large Cap Core Equity (MF)

Vanguard Md-Cp I;Adm (VIMAX)
Long-Term Composite Performance
As of June 30, 2024

Growth of a Dollar



Trailing Returns

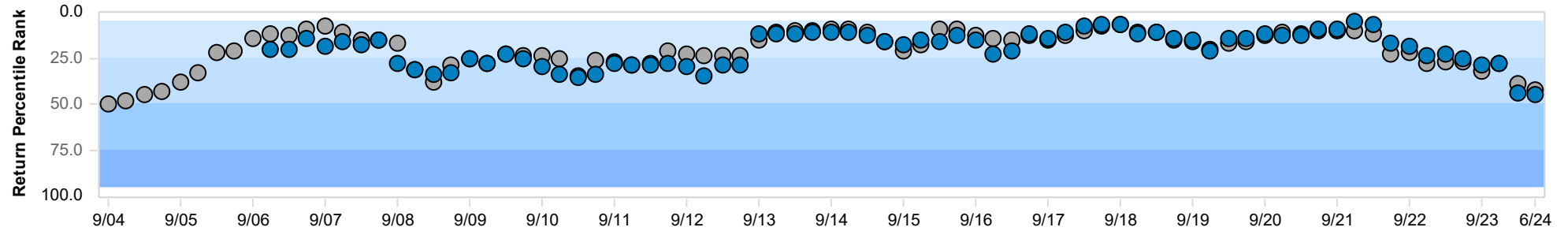
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Vanguard Md-Cp I;Adm (VIMAX)	-2.75 (22)	4.90 (49)	11.80 (51)	12.75 (41)	2.21 (82)	9.38 (45)	9.54 (22)	9.10 (13)	13.23 (10)
Russell Midcap Index	-3.35 (26)	4.96 (46)	12.88 (37)	13.90 (26)	2.37 (80)	9.46 (42)	9.63 (19)	9.04 (15)	13.22 (10)
Median	-3.95	4.82	11.93	12.37	4.27	9.20	8.32	7.22	11.33

Fiscal Year Returns

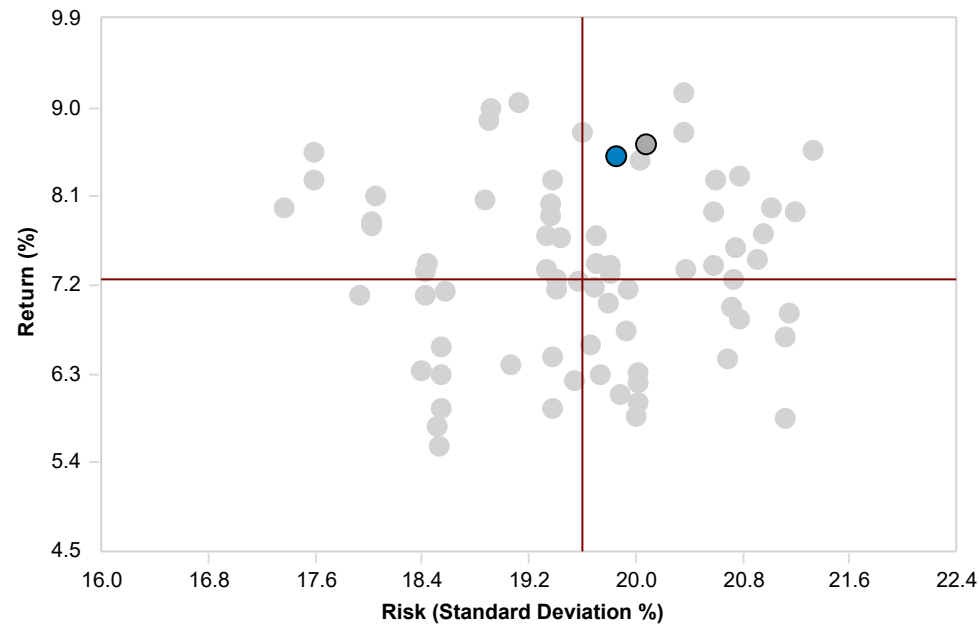
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
Vanguard Md-Cp I;Adm (VIMAX)	17.77 (40)	-19.48 (91)	36.09 (67)	7.08 (10)	3.65 (33)	13.42 (24)	15.30 (46)
Russell Midcap Index	18.42 (31)	-19.39 (90)	38.11 (47)	4.55 (17)	3.19 (37)	13.98 (19)	15.32 (46)
Median	17.12	-14.07	37.86	-2.64	1.86	9.96	15.17

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Mid Cap Core Equity (MF)

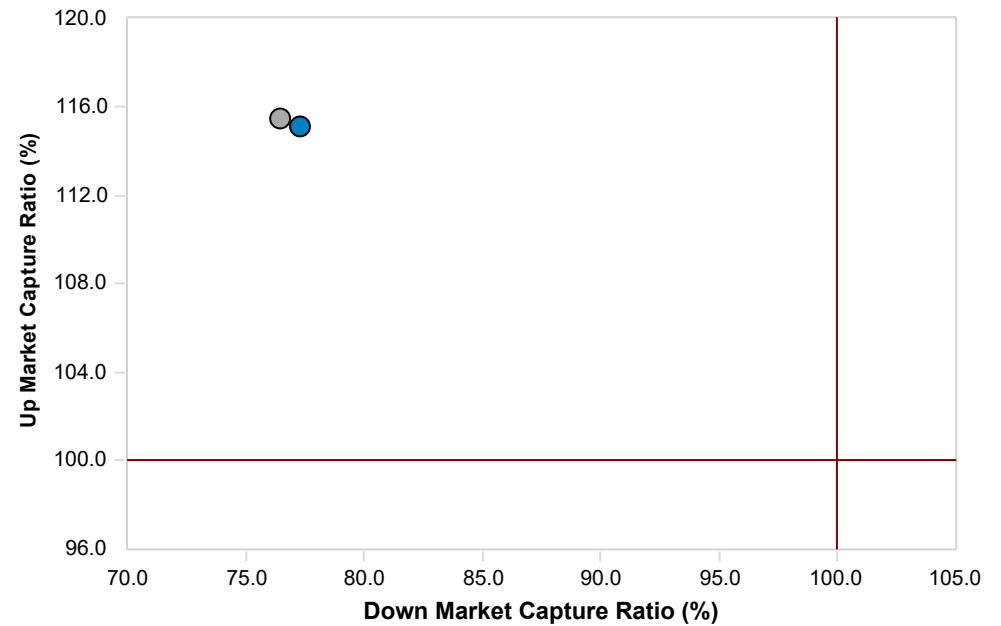
5 Year Rolling Percentile Ranking



Risk vs Return: October 2007 to Present



Up/Down Markets: October 2007 to Present



● Vanguard Md-Cp I;Adm (VIMAX) ● Russell Midcap Index

● Vanguard Md-Cp I;Adm (VIMAX) ● Russell Midcap Index

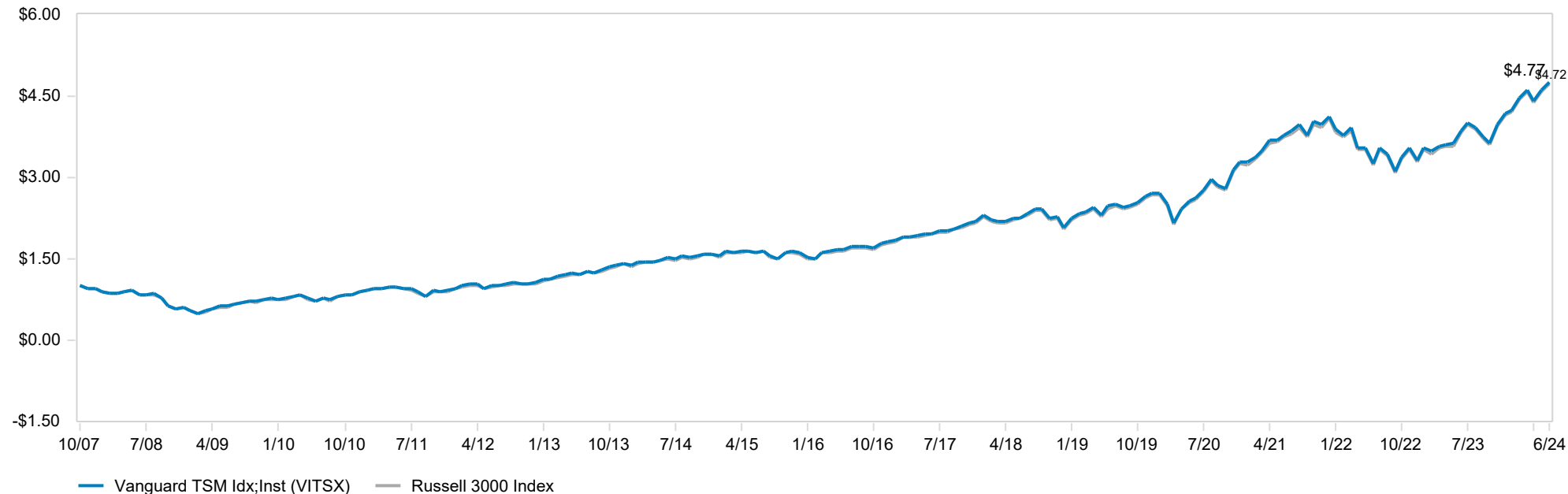
Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Vanguard Md-Cp I;Adm (VIMAX)	64.18	-48.50	5.78	5.39	0.46	0.69	0.10	0.95	7.77
Russell Midcap Index	64.18	-48.60	5.89	5.55	0.46	0.72	0.10	0.96	7.75

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Mid Cap Core Equity (MF)

Vanguard TSM Idx;Inst (VITSX)
Long-Term Composite Performance
As of June 30, 2024

Growth of a Dollar



Trailing Returns

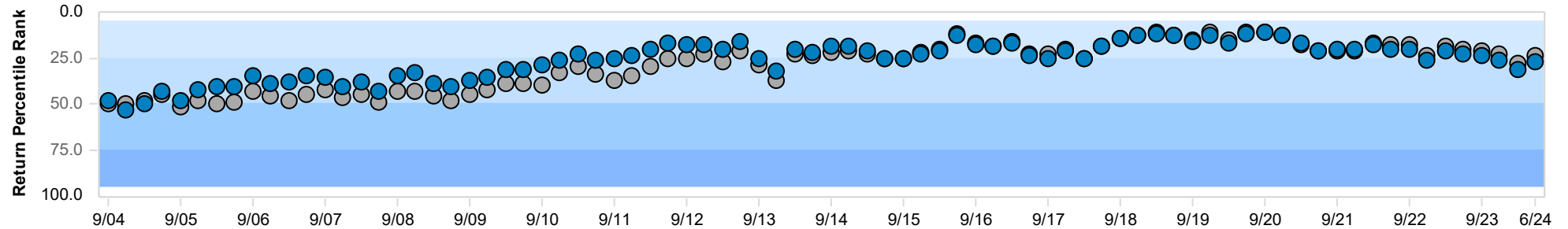
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Vanguard TSM Idx;Inst (VITSX)	3.25 (27)	13.58 (36)	23.20 (34)	21.05 (31)	7.91 (36)	14.07 (27)	13.44 (19)	12.11 (14)	14.50 (9)
Russell 3000 Index	3.22 (29)	13.56 (36)	23.12 (35)	21.02 (32)	8.05 (32)	14.14 (24)	13.48 (17)	12.15 (12)	14.49 (10)
Median	1.69	11.97	20.68	18.83	6.79	12.72	11.91	10.34	12.92

Fiscal Year Returns

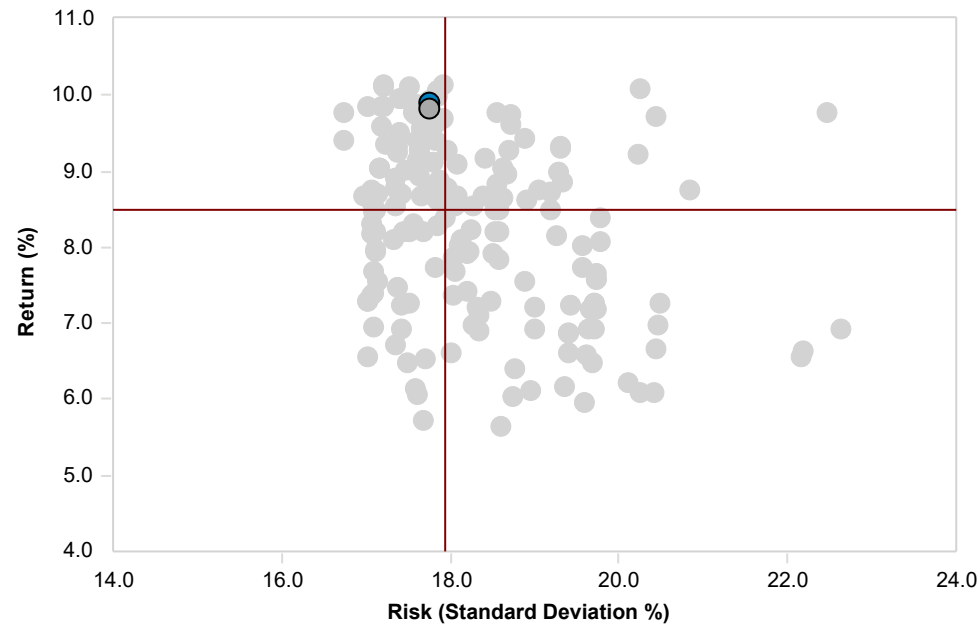
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
Vanguard TSM Idx;Inst (VITSX)	27.40 (33)	-18.01 (60)	32.10 (35)	15.01 (24)	2.89 (37)	17.62 (22)	18.64 (43)
Russell 3000 Index	27.27 (35)	-17.63 (54)	31.88 (39)	15.00 (24)	2.92 (36)	17.58 (23)	18.71 (40)
Median	25.12	-17.28	30.69	11.14	1.48	15.61	18.24

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Multi-Cap Core Equity (MF)

5 Year Rolling Percentile Ranking

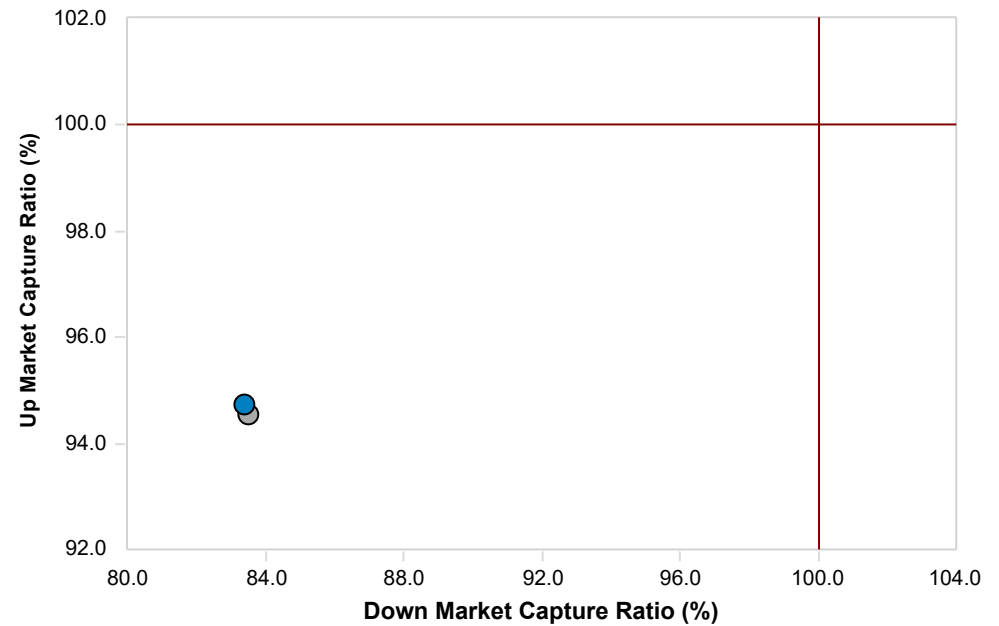


Risk vs Return: October 2007 to Present



● Vanguard TSM Idx;Inst (VITSX) ● Russell 3000 Index

Up/Down Markets: October 2007 to Present



● Vanguard TSM Idx;Inst (VITSX) ● Russell 3000 Index

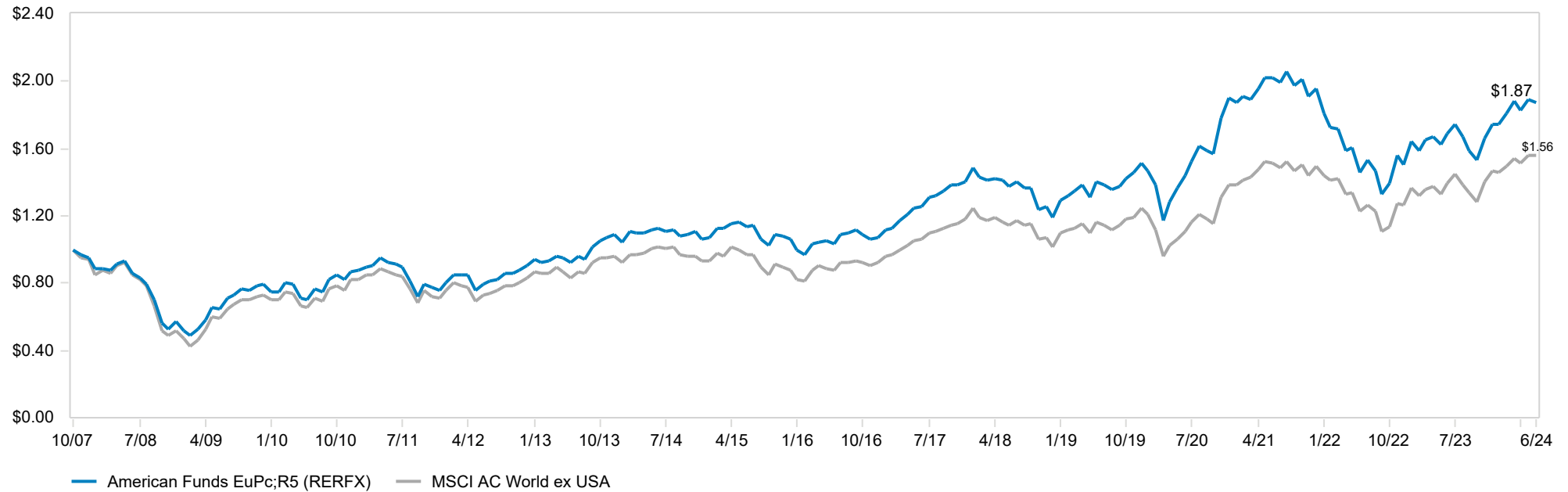
Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Vanguard TSM Idx;Inst (VITSX)	53.73	-45.55	2.13	0.70	0.56	0.16	0.12	0.87	4.52
Russell 3000 Index	52.24	-45.95	2.07	0.65	0.56	0.14	0.12	0.87	4.55

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Multi-Cap Core Equity (MF)

American Funds EuPc;R5 (RERFX)
Long-Term Composite Performance
As of June 30, 2024

Growth of a Dollar



Trailing Returns

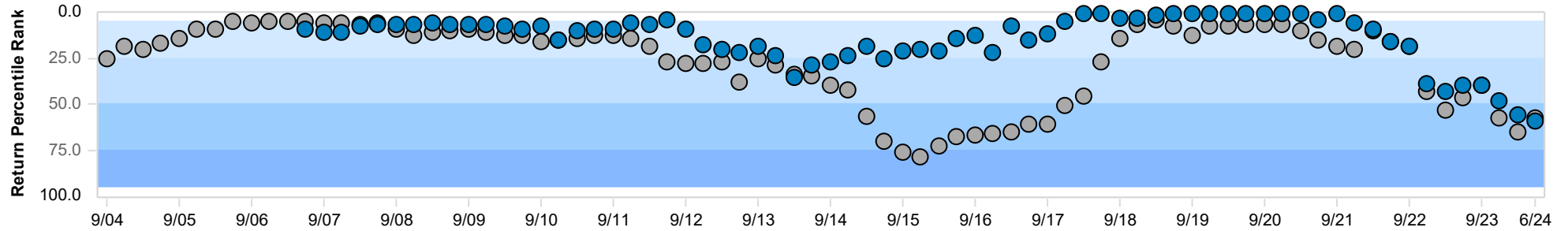
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
American Funds EuPc;R5 (RERFX)	-0.25 (54)	7.18 (24)	10.77 (43)	13.23 (62)	-2.50 (97)	6.01 (59)	5.86 (22)	5.20 (3)	7.40 (12)
MSCI AC World ex USA	1.17 (18)	6.04 (37)	12.17 (25)	12.75 (67)	0.97 (72)	6.05 (58)	5.68 (25)	4.34 (24)	6.70 (45)
Median	-0.09	5.37	10.30	13.98	1.87	6.33	5.16	3.85	6.50

Fiscal Year Returns

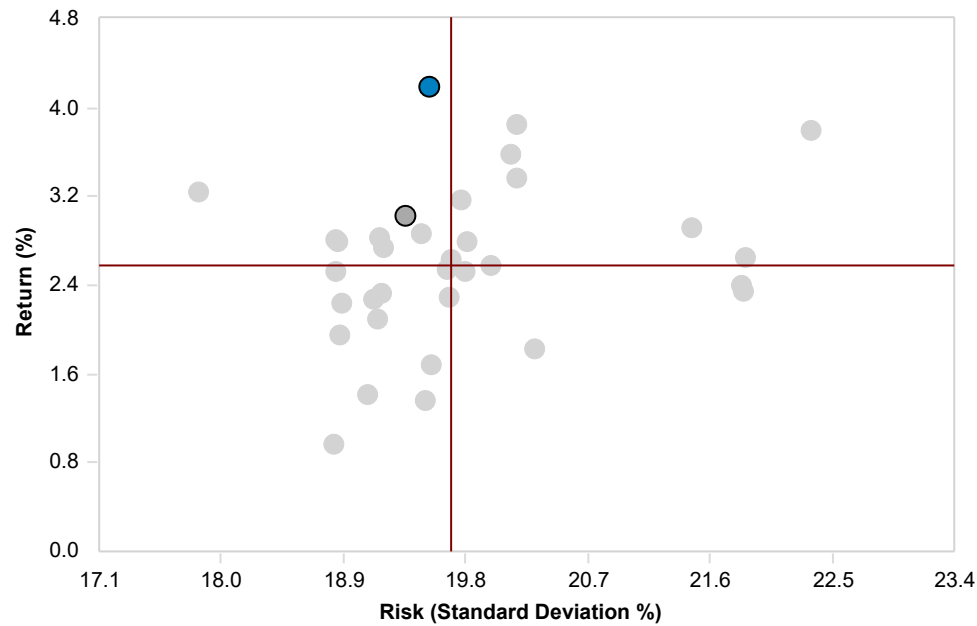
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
American Funds EuPc;R5 (RERFX)	18.29 (25)	-32.89 (100)	24.70 (46)	14.91 (1)	1.10 (5)	1.44 (47)	20.56 (32)
MSCI AC World ex USA	16.45 (45)	-24.79 (34)	24.45 (48)	3.45 (45)	-0.72 (21)	2.25 (19)	20.15 (33)
Median	16.20	-25.39	24.28	2.82	-2.78	1.30	18.72

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM International Large Cap Core Equity (IMF)

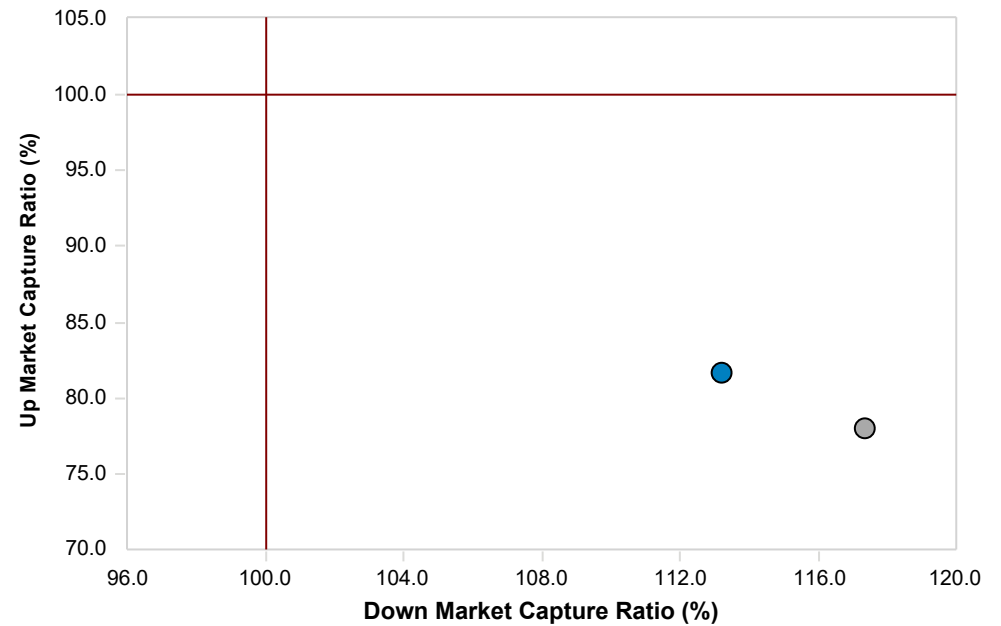
5 Year Rolling Percentile Ranking



Risk vs Return: October 2007 to Present



Up/Down Markets: October 2007 to Present



● American Funds EuPc;R5 (RERFX) ● MSCI AC World ex USA

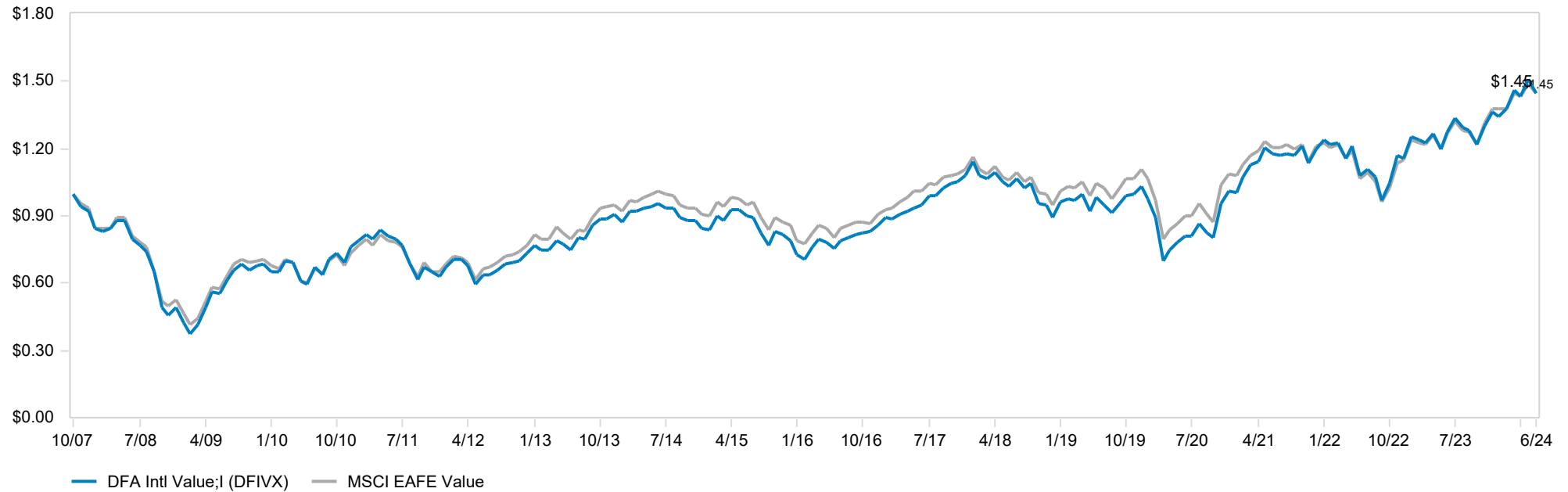
● American Funds EuPc;R5 (RERFX) ● MSCI AC World ex USA

Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
American Funds EuPc;R5 (RERFX)	38.81	-45.07	-4.91	-5.05	0.25	-0.61	0.05	1.00	8.33
MSCI AC World ex USA	34.33	-51.36	-5.94	-6.20	0.20	-0.76	0.04	0.99	8.18

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM International Large Cap Core Equity (MF)

Growth of a Dollar



Trailing Returns

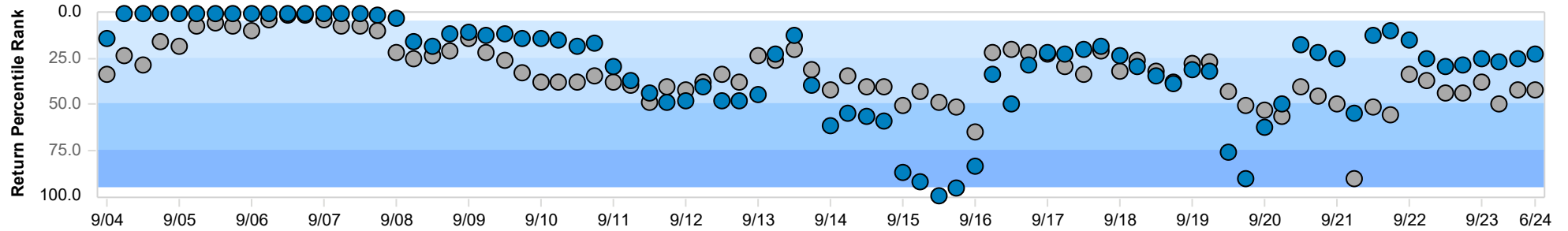
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
DFA Intl Value;I (DFIVX)	-0.52 (69)	6.40 (37)	13.56 (26)	15.81 (34)	7.25 (4)	8.11 (23)	6.27 (11)	4.27 (16)	6.63 (25)
MSCI EAFE Value	0.36 (38)	5.08 (50)	14.54 (23)	16.38 (25)	6.31 (16)	6.76 (42)	5.27 (31)	3.65 (39)	6.32 (36)
Median	0.04	5.04	11.04	14.73	4.22	6.47	4.75	3.38	5.99

Fiscal Year Returns

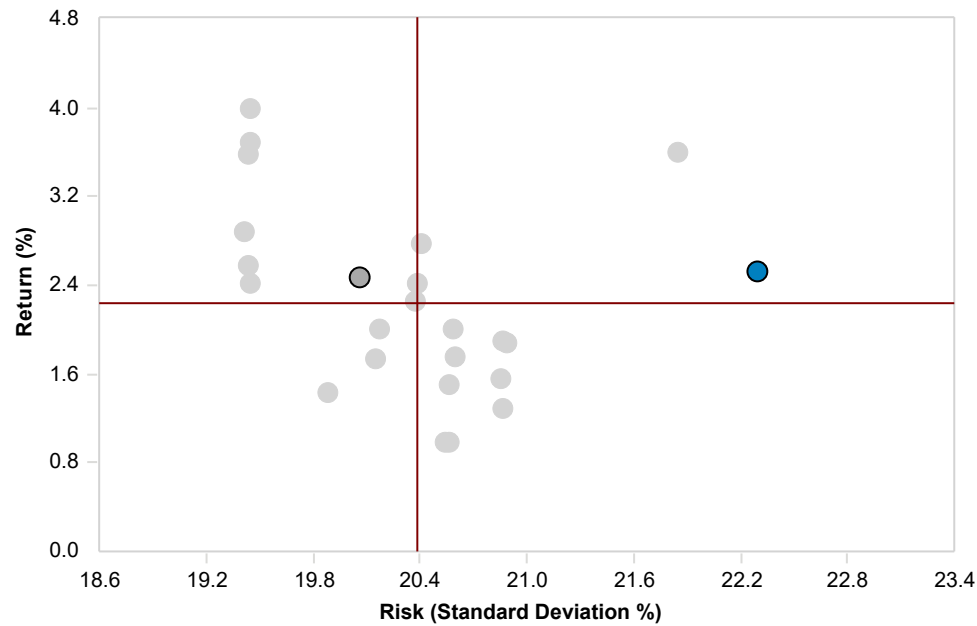
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
DFA Intl Value;I (DFIVX)	13.30 (55)	-17.06 (4)	41.54 (2)	-13.66 (100)	-8.41 (97)	1.90 (7)	25.68 (1)
MSCI EAFE Value	13.77 (50)	-19.62 (10)	31.43 (32)	-11.45 (100)	-4.31 (27)	0.24 (49)	23.22 (2)
Median	13.76	-22.63	29.29	-5.76	-5.45	-0.02	18.21

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM International Large Cap Value Equity (MF)

5 Year Rolling Percentile Ranking

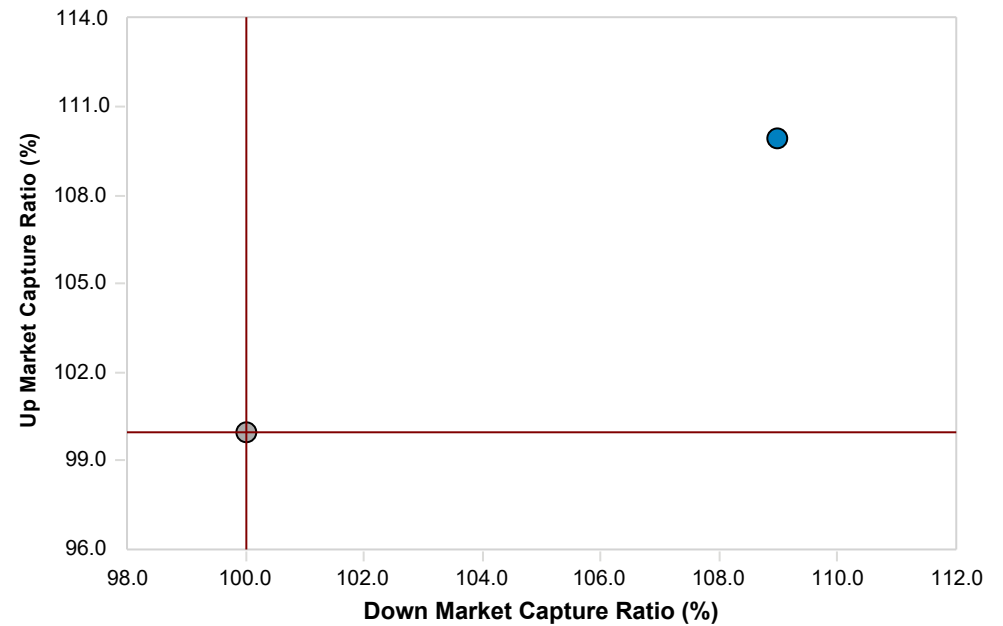


Risk vs Return: October 2007 to Present



● DFA Intl Value;I (DFIVX) ● MSCI EAFE Value

Up/Down Markets: October 2007 to Present



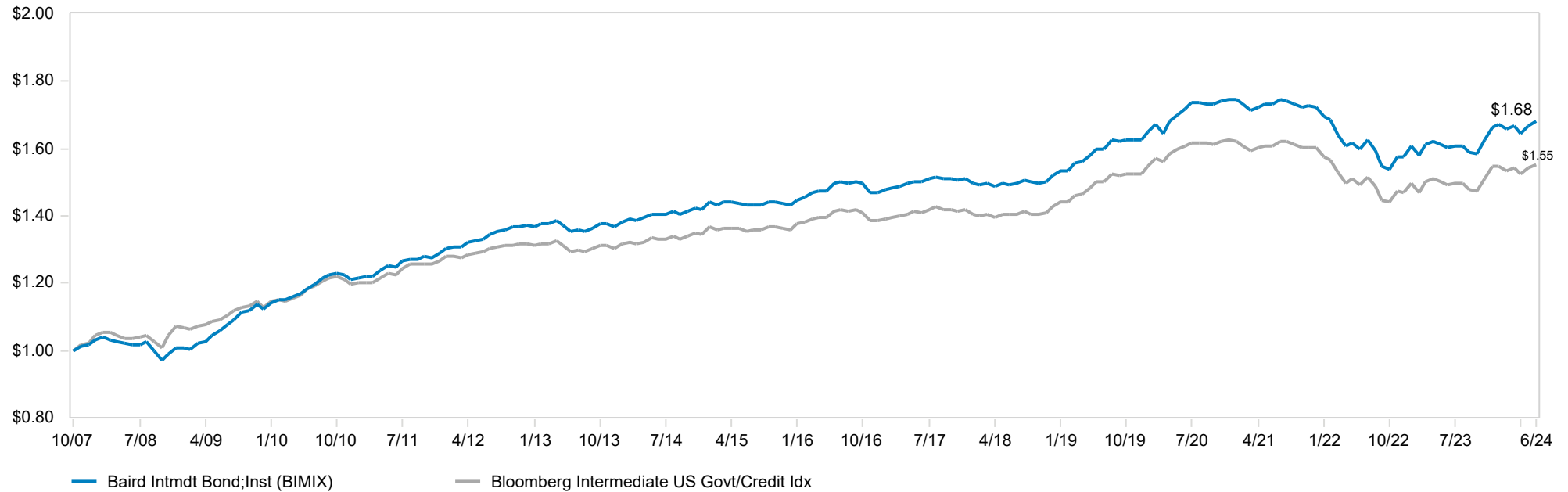
● DFA Intl Value;I (DFIVX) ● MSCI EAFE Value

Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
DFA Intl Value;I (DFIVX)	53.73	-56.66	0.10	0.57	0.18	0.17	0.04	1.10	3.42
MSCI EAFE Value	100.00	-53.93	0.00	0.00	0.17	N/A	0.03	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM International Large Cap Value Equity (MF)

Growth of a Dollar



Trailing Returns

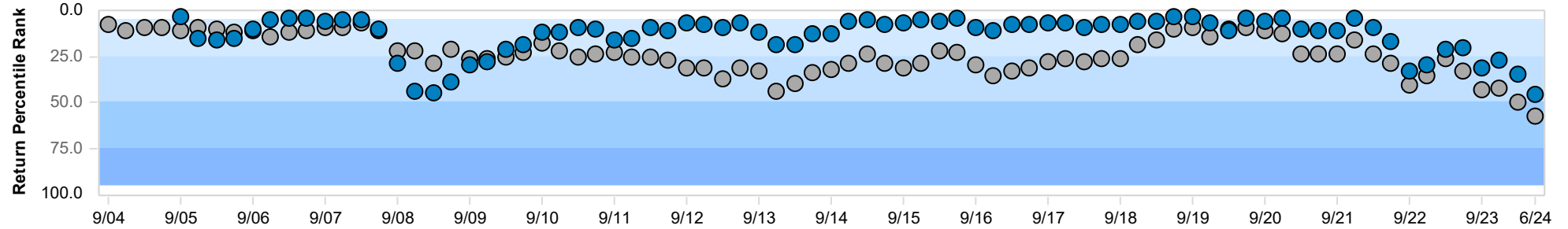
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Baird Intmdt Bond;Inst (BIMIX)	0.67 (57)	0.85 (55)	4.83 (47)	2.49 (45)	-1.05 (59)	0.98 (46)	1.62 (29)	1.79 (18)	3.12 (15)
Bloomberg Intermediate US Govt/Credit Idx	0.64 (61)	0.49 (63)	4.19 (64)	2.03 (55)	-1.18 (63)	0.71 (58)	1.39 (46)	1.55 (31)	2.39 (33)
Median	0.76	1.02	4.72	2.24	-0.55	0.87	1.23	1.16	1.96

Fiscal Year Returns

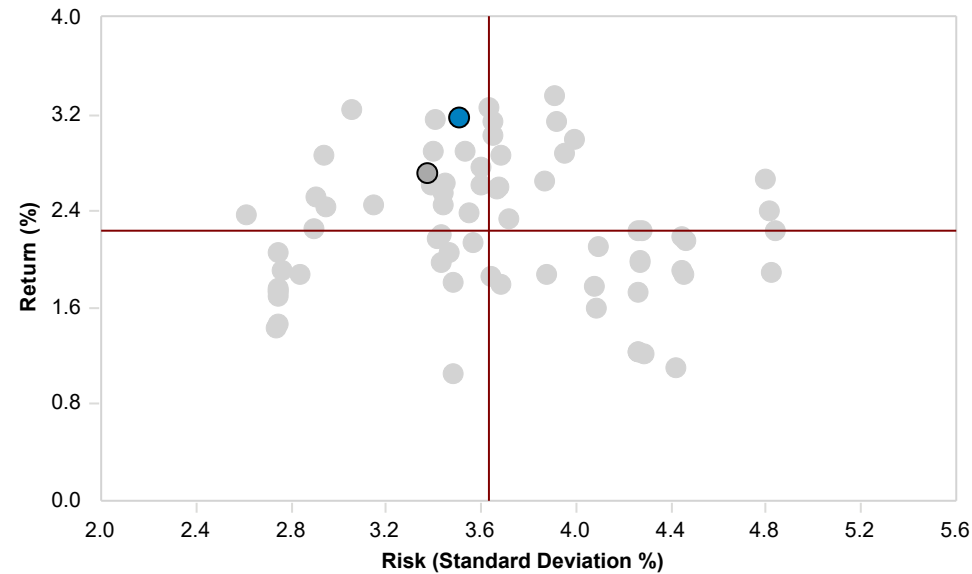
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
Baird Intmdt Bond;Inst (BIMIX)	5.53 (34)	-10.65 (72)	-0.02 (62)	6.98 (11)	8.09 (14)	-0.83 (49)	0.77 (42)
Bloomberg Intermediate US Govt/Credit Idx	5.07 (58)	-10.14 (67)	-0.40 (71)	6.32 (26)	8.17 (14)	-0.96 (54)	0.23 (61)
Median	5.22	-8.90	0.21	5.20	6.02	-0.88	0.48

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Intermediate Duration Fixed Income (MF)

5 Year Rolling Percentile Ranking

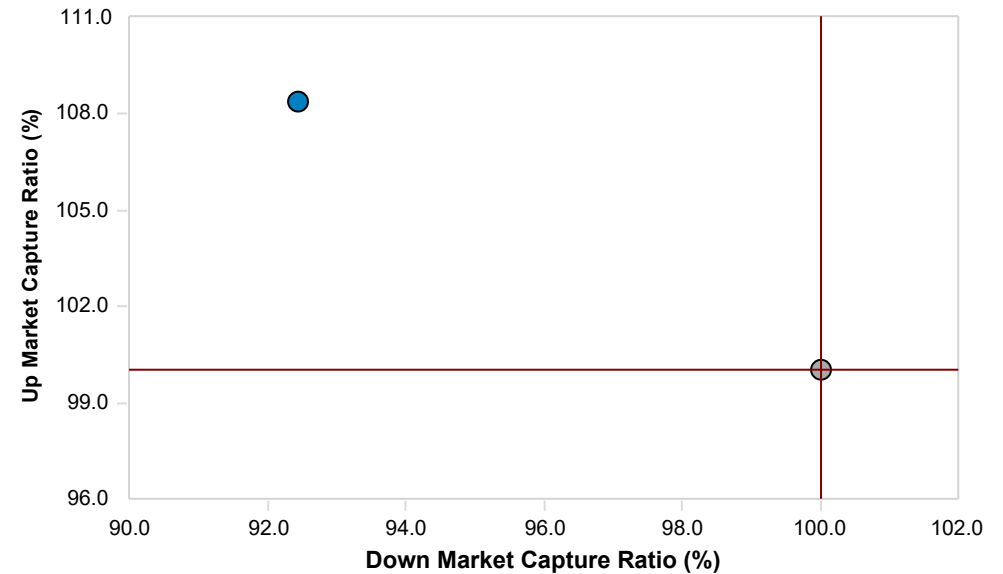


Risk vs Return: October 2007 to Present



- Baird Intmdt Bond;Inst (BIMIX)
- Bloomberg Intermediate US Govt/Credit Idx

Up/Down Markets: October 2007 to Present



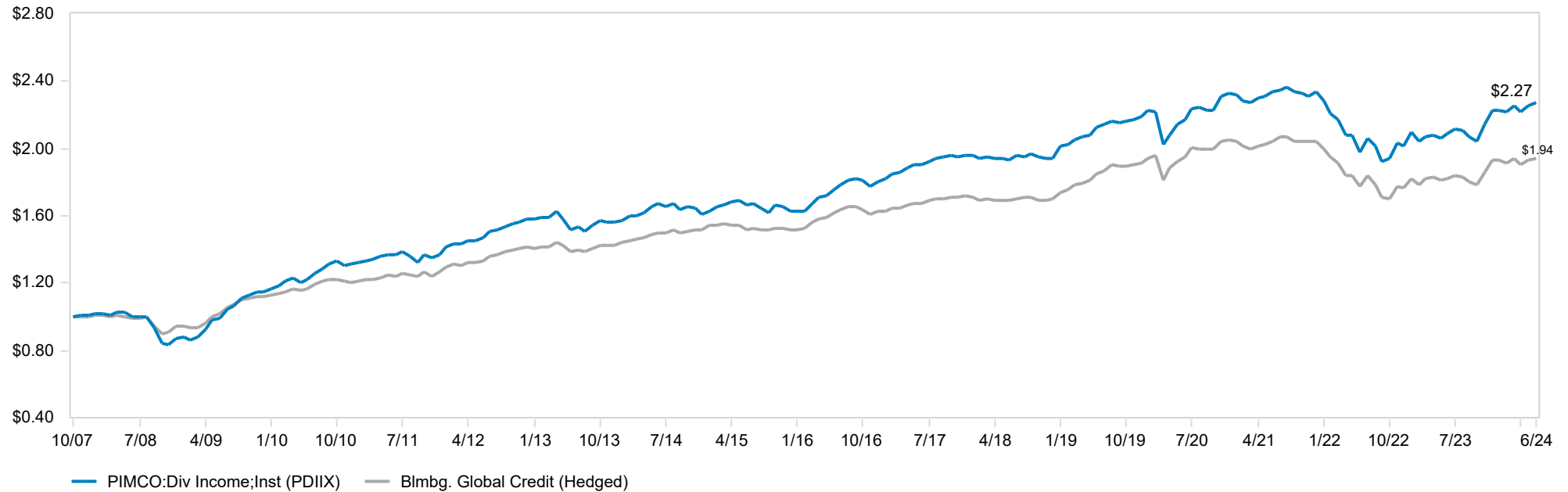
- Baird Intmdt Bond;Inst (BIMIX)
- Bloomberg Intermediate US Govt/Credit Idx

Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Baird Intmdt Bond;Inst (BIMIX)	70.15	-11.39	0.64	0.47	0.59	0.30	0.02	0.94	1.53
Bloomberg Intermediate US Govt/Credit Idx	100.00	-10.93	0.00	0.00	0.49	N/A	0.02	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Intermediate Duration Fixed Income (MF)

Growth of a Dollar



Trailing Returns

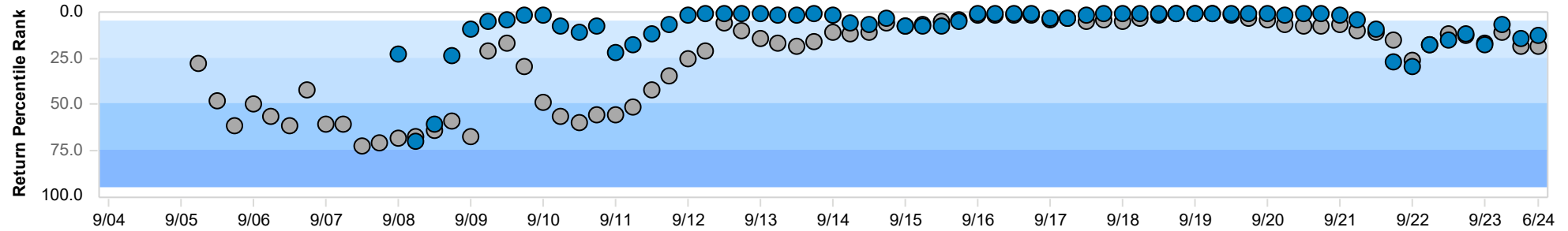
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
PIMCO:Div Income;Inst (PDIIIX)	0.55 (12)	1.89 (12)	8.63 (3)	7.17 (4)	-0.96 (20)	1.28 (13)	2.53 (8)	3.11 (2)	5.66 (1)
Blmbg. Global Credit (Hedged)	0.32 (24)	0.72 (21)	6.66 (15)	4.61 (13)	-1.68 (28)	1.00 (19)	2.13 (12)	2.66 (9)	4.39 (8)
Median	-0.30	-0.67	4.07	2.48	-2.79	-0.32	0.74	0.68	2.38

Fiscal Year Returns

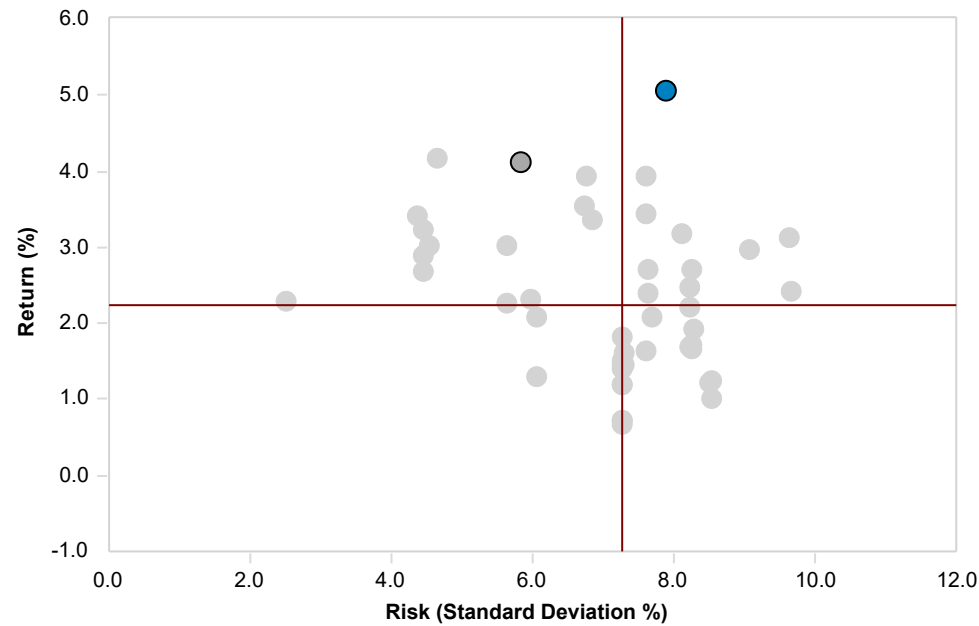
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
PIMCO:Div Income;Inst (PDIIIX)	9.83 (3)	-17.64 (51)	4.82 (7)	3.52 (74)	9.52 (20)	1.08 (9)	6.97 (4)
Blmbg. Global Credit (Hedged)	8.09 (9)	-16.53 (49)	2.72 (22)	5.26 (53)	10.83 (12)	0.39 (16)	3.04 (29)
Median	5.96	-17.63	0.90	5.39	7.65	-1.33	1.10

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM Global Fixed Income (MF)

5 Year Rolling Percentile Ranking

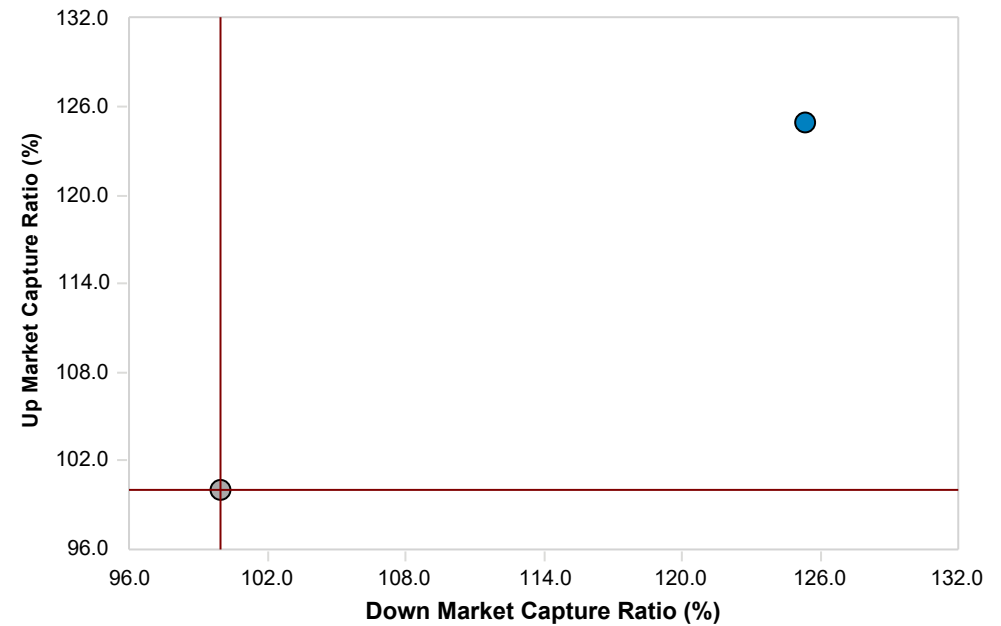


Risk vs Return: October 2007 to Present



● PIMCO:Div Income;Inst (PDIIIX) ● Blmbg. Global Credit (Hedged)

Up/Down Markets: October 2007 to Present



● PIMCO:Div Income;Inst (PDIIIX) ● Blmbg. Global Credit (Hedged)

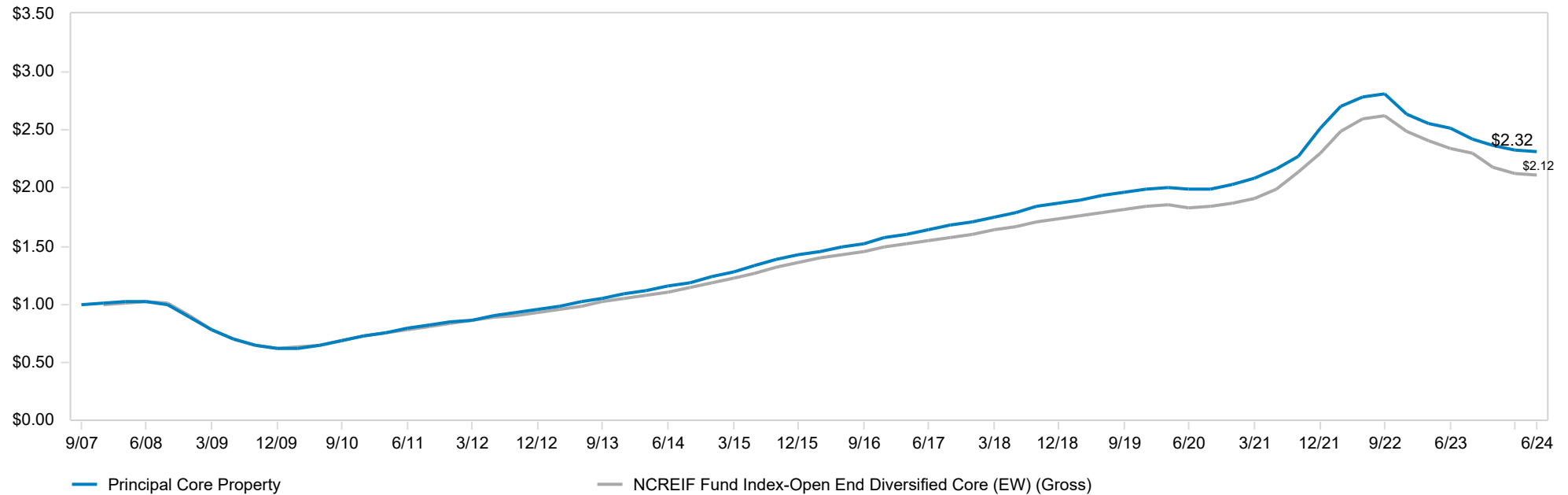
Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
PIMCO:Div Income;Inst (PDIIIX)	68.66	-17.67	-0.06	1.04	0.52	0.32	0.03	1.26	3.26
Blmbg. Global Credit (Hedged)	100.00	-16.85	0.00	0.00	0.53	N/A	0.03	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM Global Fixed Income (MF)

Principal Core Property
Long-Term Composite Performance
As of June 30, 2024

Growth of a Dollar



Trailing Returns

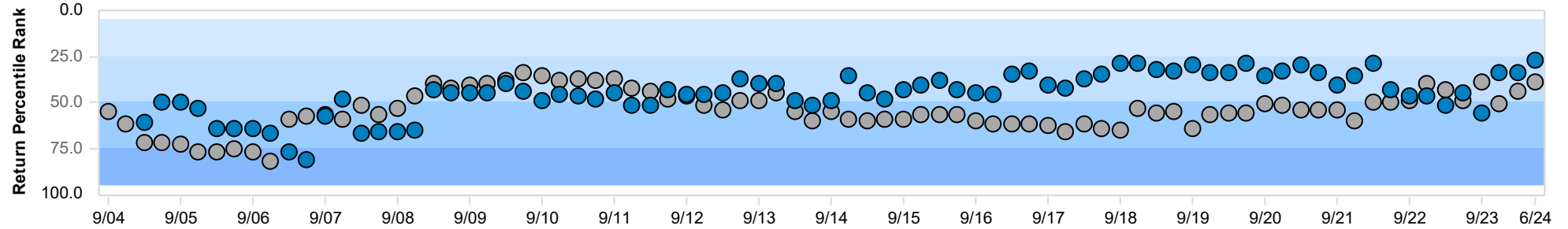
	QTR	YTD	1 YR	2 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Principal Core Property	-0.69 (45)	-2.45 (39)	-7.99 (39)	-8.87 (45)	2.29 (26)	3.70 (27)	5.07 (27)	7.23 (29)	8.25 (50)
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-0.64 (38)	-2.81 (49)	-9.66 (57)	-9.74 (58)	1.95 (34)	3.41 (39)	4.64 (63)	6.67 (57)	7.59 (77)
Median	-0.72	-2.94	-9.03	-9.25	0.99	3.21	4.70	6.94	8.25

Fiscal Year Returns

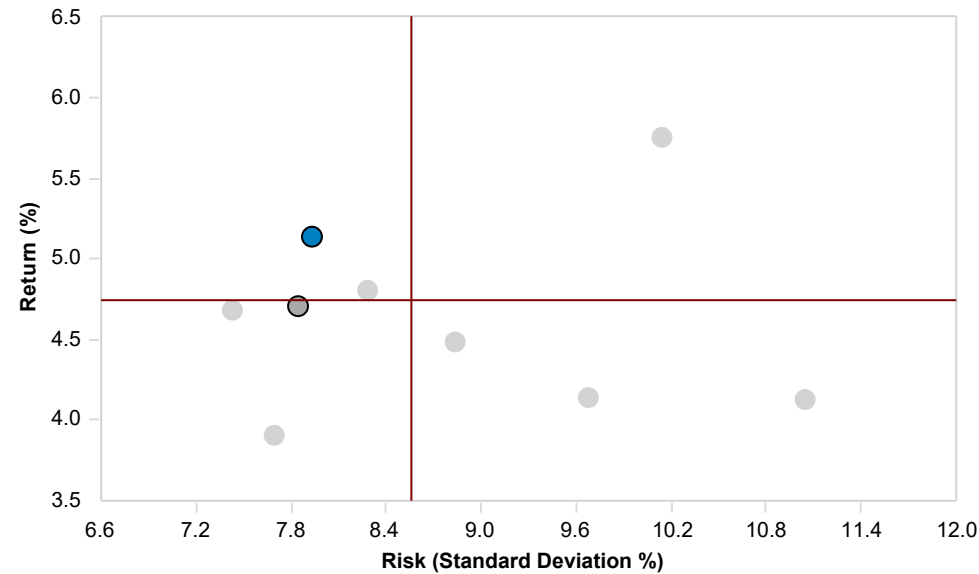
	FYTD	FY 2022	FY 2021	FY2020	FY 2019	FY 2018	FY 2017
Principal Core Property	-4.48 (39)	23.27 (38)	14.39 (58)	1.18 (66)	6.96 (47)	9.76 (31)	9.85 (20)
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	-7.88 (55)	22.76 (40)	15.75 (54)	1.74 (43)	6.17 (70)	8.82 (56)	7.81 (50)
Median	-5.10	20.33	16.09	1.58	6.80	8.93	7.78

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Open End Private Real Estate (SA+CF)

5 Year Rolling Percentile Ranking

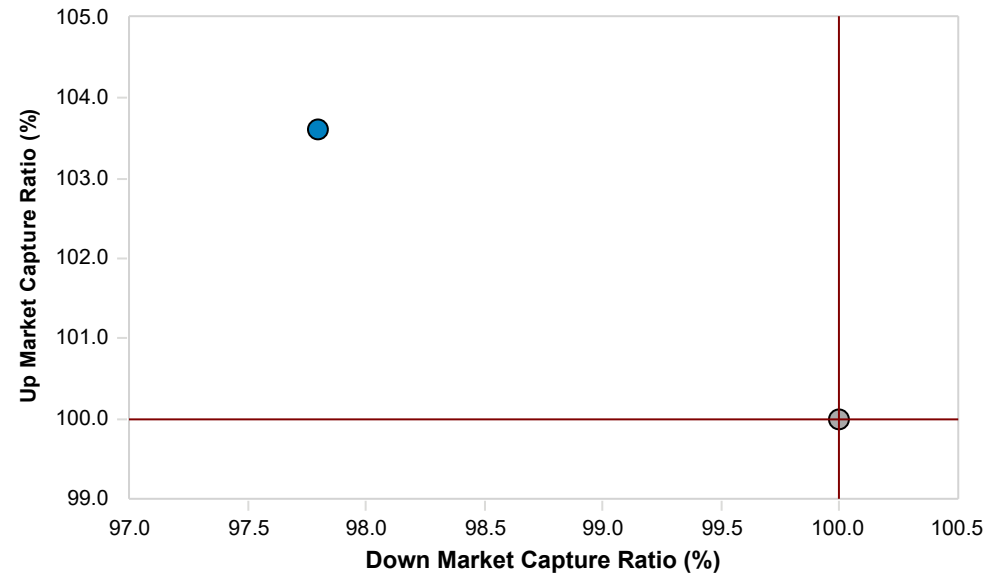


Risk vs Return: October 2007 to Present



- Principal Core Property
- NCREIF Fund Index-Open End Diversified Core (EW) (Gross)

Up/Down Markets: October 2007 to Present



- Principal Core Property
- NCREIF Fund Index-Open End Diversified Core (EW) (Gross)

Historical Statistics: October 1, 2007 To June 30, 2024

	Consistency	Maximum Drawdown	Alpha	Active Return	Sharpe Ratio	Information Ratio	Treynor Ratio	Beta	Tracking Error
Principal Core Property	52.24	-39.90	0.47	0.42	0.52	0.25	0.04	0.99	1.67
NCREIF Fund Index-Open End Diversified Core (EW) (Gross)	100.00	-39.11	0.00	0.00	0.47	N/A	0.04	1.00	0.00

Long-term composite performance. Actual client results may vary.
October 2007 represents the beginning of the current market cycle.
Peer Group: IM U.S. Open End Private Real Estate (SA+CF)

Total Fund Compliance:											Yes	No	N/A		
1. The Total Plan return equaled or exceeded the Net 6.75% actuarial earnings assumption over the trailing three year period.												✓			
2. The Total Plan return equaled or exceeded the Net 6.75% actuarial earnings assumption over the trailing five year period.											✓				
3. The Total Plan return equaled or exceeded the total plan benchmark over the trailing three year period.												✓			
4. The Total Plan return equaled or exceeded the total plan benchmark over the trailing five year period.												✓			
5. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing three year period.											✓				
6. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing five year period.											✓				
Equity Compliance:											Yes	No	N/A		
1. Total Domestic Equity return equaled or exceeded the benchmark over the trailing three year period.												✓			
2. Total Domestic Equity return equaled or exceeded the benchmark over the trailing five year period.												✓			
3. Total International Equity return equaled or exceeded the benchmark over the trailing three year period.												✓			
4. Total International Equity return equaled or exceeded the benchmark over the trailing five year period.											✓				
5. Total Equity investments do not exceed 70% of the market value of Plan assets.											✓				
6. Total market value of foreign securities do not exceed 20% of the market value of Plan assets.											✓				
Fixed Income Compliance:											Yes	No	N/A		
1. Total Domestic Fixed Income return equaled or exceeded the benchmark over the trailing three year period.											✓				
2. Total Domestic Fixed Income return equaled or exceeded the benchmark over the trailing five year period.											✓				
3. Total Global Fixed Income return equaled or exceeded the benchmark over the trailing three year period.											✓				
4. Total Global Fixed Income return equaled or exceeded the benchmark over the trailing five year period.												✓			
5. 93% of the fixed income investments have a minimum rating of investment grade or higher.											✓				
Manager Compliance:				JP Morgan (JDEUX)			Parnassus (PRILX)			Vanguard MC (VIMAX)			Vanguard TS (VITSX)		
				Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.				✓				✓			✓			✓	
2. Manager outperformed the index over the trailing five year period.				✓				✓			✓			✓	
3. Manager has had less than 4 consecutive quarters of underperformance.				✓			✓			✓			✓		
4. Manager ranked within the top 40th percentile over the trailing three year period.				✓				✓			✓			✓	
5. Manager ranked within the top 40th percentile over the trailing five year period.				✓				✓			✓			✓	
6. Manager three year down market capture ratio is less than the index.				✓				✓			✓			✓	
7. Manager five year down market capture ratio is less than the index.				✓			✓			✓				✓	
8. Manager reports compliance with PFIA.						✓			✓			✓			✓
Manager Compliance:				EuroPacific (RERGX)			DFA (DFIVX)			Baird Inter (BIMIX)			PIMCO (PDIIX)		
				Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.					✓				✓			✓	✓		
2. Manager outperformed the index over the trailing five year period.				✓					✓			✓			✓
3. Manager has had less than 4 consecutive quarters of underperformance.				✓			✓					✓	✓		
4. Manager ranked within the top 40th percentile over the trailing three year period.					✓				✓			✓	✓		
5. Manager ranked within the top 40th percentile over the trailing five year period.					✓				✓			✓			✓
6. Manager three year down market capture ratio is less than the index.					✓				✓			✓		✓	
7. Manager five year down market capture ratio is less than the index.					✓				✓			✓			✓
8. Manager reports compliance with PFIA.						✓			✓			✓			✓

Manager Compliance:										Principal RE		
										Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.										✓		
2. Manager outperformed the index over the trailing five year period.											✓	
3. Manager has had less than 4 consecutive quarters of underperformance.										✓		
4. Manager ranked within the top 40th percentile over the trailing three year period.											✓	
5. Manager ranked within the top 40th percentile over the trailing five year period.											✓	
6. Manager three year down market capture ratio is less than the index.										✓		
7. Manager five year down market capture ratio is less than the index.										✓		
8. Manager reports compliance with PFIA.												✓

Total Fund Policy	
Allocation Mandate	Weight (%)
Jan-1978	
S&P 500 Index	65.00
Bloomberg Intermediate US Govt/Credit Idx	30.00
FTSE 3 Month T-Bill	5.00
Apr-2008	
S&P 500 Index	55.00
Bloomberg Intermed Aggregate Index	25.00
FTSE 3 Month T-Bill	5.00
Bloomberg U.S. TIPS Index	5.00
MSCI EAFE Index	10.00
Apr-2010	
Russell 3000 Index	55.00
Bloomberg Intermed Aggregate Index	30.00
Bloomberg U.S. TIPS Index	5.00
MSCI AC World ex USA	10.00
Oct-2013	
Russell 3000 Index	55.00
Bloomberg Intermed Aggregate Index	30.00
Global Fixed Income Index	5.00
MSCI AC World ex USA	10.00
Sep-2015	
Russell 3000 Index	55.00
Bloomberg Intermed Aggregate Index	20.00
Total Diversified Fixed Income Policy	5.00
MSCI AC World ex USA	10.00
NCREIF Fund Index-Open End Diversified Core (EW)	10.00
Mar-2021	
Russell 3000 Index	55.00
MSCI AC World ex USA	10.00
Bloomberg Intermed Aggregate Index	20.00
Bimbg. Global Credit (Hedged)	5.00
NCREIF Fund Index-Open End Diversified Core (EW)	10.00

Palm Springs Police Officers' Pension Plan
Benchmark History
As of June 30, 2024

Total Equity Policy	
Allocation Mandate	Weight (%)
Jun-2005	
S&P 500 Index	100.00
Apr-2010	
Russell 3000 Index	85.00
MSCI AC World ex USA	15.00

Total Fixed Income Policy	
Allocation Mandate	Weight (%)
Jan-1973	
Bloomberg Intermediate US Govt/Credit Idx	100.00
Apr-2008	
Bloomberg Intermed Aggregate Index	100.00
Oct-2013	
Bloomberg Intermed Aggregate Index	85.00
Global Fixed Income Index	15.00
Sep-2015	
Bloomberg Intermed Aggregate Index	80.00
Total Diversified Fixed Income Policy	20.00
Mar-2021	
Bloomberg Intermed Aggregate Index	80.00
Bimbg. Global Credit (Hedged)	20.00

Total Domestic Equity Policy	
Allocation Mandate	Weight (%)
Jun-2005	
S&P 500 Index	100.00
Apr-2010	
Russell 3000 Index	100.00

Total Domestic Fixed Income Policy	
Allocation Mandate	Weight (%)
Jun-2005	
Bloomberg Intermediate US Govt/Credit Idx	100.00
Apr-2008	
Bloomberg Intermed Aggregate Index	100.00

Total International Equity Policy	
Allocation Mandate	Weight (%)
Jan-1970	
MSCI EAFE Index	100.00
Apr-2010	
MSCI AC World ex USA	100.00

Diversified Fixed Income Policy	
Allocation Mandate	Weight (%)
Jan-1994	
JPM EMBI+	33.33
Blmbg. U.S. Corp High Yield	33.34
FTSE Non-U.S. World Government Bond	33.33
Mar-2021	
Blmbg. Global Credit (Hedged)	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.

Mariner Institutional compiled this report for the sole use of the client for which it was prepared. Mariner Institutional 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. Mariner Institutional uses the results from this evaluation to make observations and recommendations to the client.

Mariner Institutional 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. Mariner Institutional analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides Mariner Institutional with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides Mariner Institutional with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause Mariner Institutional 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.

Additional information included in this document may contain data provided by index databases, public economic sources, and the managers themselves.

This document may contain data provided by Bloomberg.

This document may contain data provided by Standard and Poor's. Nothing contained within any document, advertisement or presentation from S&P Indices constitutes an offer of services in jurisdictions where S&P Indices does not have the necessary licenses. All information provided by S&P Indices is impersonal and is not tailored to the needs of any person, entity or group of persons. Any returns or performance provided within any document is provided for illustrative purposes only and does not demonstrate actual performance. Past performance is not a guarantee of future investment results.

This document may contain data provided by MSCI, Inc. Copyright MSCI, 2017. Unpublished. All Rights Reserved. This information may only be used for your internal use, may not be reproduced or disseminated in any form and may not be used to create any financial instruments or products or any indices. This information is provided on an "as is" basis and the user of this information assumes the entire risk of any use it may make or permit to be made of this information. Neither MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information makes any express or implied warranties or representations with respect to such information or the results to be obtained by the use thereof, and MSCI, its affiliates and each such other person hereby expressly disclaim all warranties (including, without limitation, all warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information have any liability for any direct, indirect, special, incidental, punitive, consequential or any other damages (including, without limitation, lost profits) even if notified of, or if it might otherwise have anticipated, the possibility of such damages.

This document may contain data provided by Russell Investment Group. Russell Investment Group is the source owner of the data contained or reflected in this material and all trademarks and copyrights related thereto. The material may contain confidential information and unauthorized use, disclosure, copying, dissemination or redistribution is strictly prohibited. This is a user presentation of the data. Russell Investment Group is not responsible for the formatting or configuration of this material or for any inaccuracy in presentation thereof.

This document may contain data provided by Morningstar. All rights reserved. Use of this content requires expert knowledge. It is to be used by specialist institutions only. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied, adapted or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information, except where such damages or losses cannot be limited or excluded by law in your jurisdiction. Past financial performance is not guarantee of future results.

***IMPORTANT DISCLOSURE INFORMATION RE GREENWICH QUALITY LEADER AWARD**

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

Methodology for this Award: For the 2022 Greenwich Quality Award for Overall U.S. Investment Consulting – Midsize Consultants – Between February and November 2022, Coalition Greenwich conducted interviews with 727 individuals from 590 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate and union funds, public funds, and endowment and foundation funds, with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends.

MARINER

Access to a wealth of knowledge and solutions.