
Port of Houston Authority Pension Plan

Investment Performance Review
Period Ending March 31, 2024

MARINER

1st Quarter 2024 Market Environment

The Economy

- The US Federal Reserve (the Fed) held rates steady during the first quarter. However, domestic equities rallied on the prospect that the Fed could cut rates later in 2024. In its press release for the March meeting, the Fed stated 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.” In addition, the Fed will continue reducing its balance sheet as described in its previously announced plans.
- The Fed’s prolonged pause in its rate-hiking cycle and the insertion of the word “any” in its December press release gave the market hope that the Fed may be ready to pivot in its stance and begin reducing rates to a less restrictive level in 2024. The Fed’s published “Dot Plot” shared expectations of three quarter-point rate cuts during the year, which would be the first rate cut since the COVID pandemic in 2020.
- Growth in the US labor market continued in March, as nonfarm payrolls increased by 303,000 and unemployment held steady at 3.8%. Federal Reserve Chair Jerome Powell stated, “Strong hiring in and of itself would not be a reason to hold off on rate cuts,” adding that the job market is not a primary cause for concern around inflation. Powell added “an unexpected weakening in the labor market could also warrant a policy response.”

Equity (Domestic and International)

- US equities moved broadly higher during the first quarter based on expectations of a more favorable interest rate environment in the coming year. The S&P 500 Index rose 10.6% for the quarter.
- International stocks experienced robust growth to begin the year, albeit muted by a strengthening US Dollar (USD). USD performance lagged local currency (LCL) performance in most regions for the quarter, though both currency readings were positive.
- GDP growth across regions remains mixed as many regions are dealing with local headwinds and tailwinds as much of the world continues to navigate sticky inflation with varying degrees of success. Conflicts abroad have dragged on performance, but as we have seen with the Russia-Ukraine conflict, market conditions will typically normalize once the broader impact has been reasonably assessed.

Fixed Income

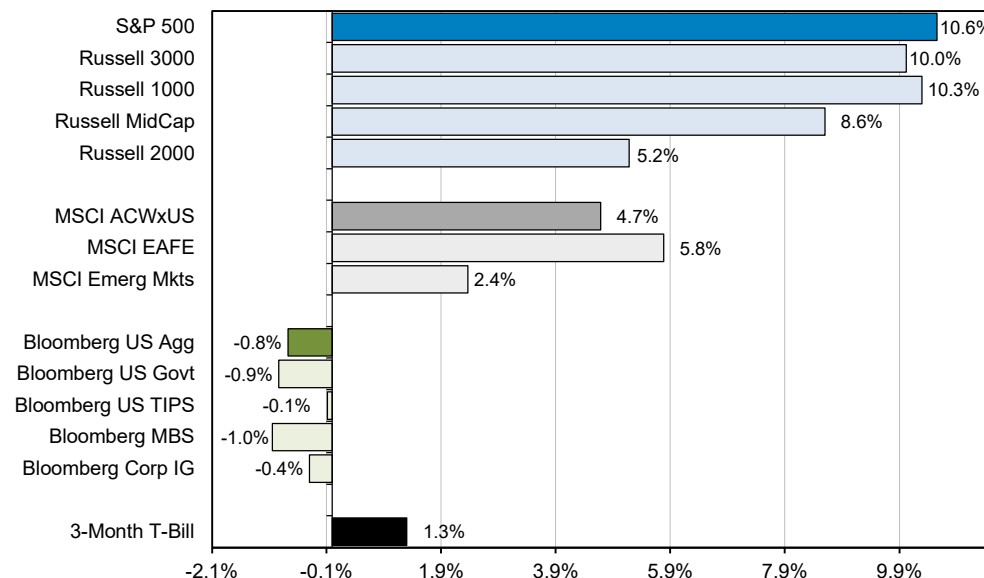
- While sticky inflation numbers and a robust job market likely prompted the Fed to keep the fed funds rate unchanged during the quarter, this lack of action also tempered expectations for potential rate cuts in 2024. Fixed-income markets fell in March (yield rose) on the belief that rates could be higher for longer.
- High-yield bonds outperformed investment-grade issues for the quarter, largely due to narrowing credit spreads and higher coupons. Although the high-yield bond benchmark’s duration is almost half of the US Aggregate Bond index’s duration, the high-yield index edged out the bellwether bond benchmark due to a relatively stable yield curve and the aforementioned narrowing credit spreads.
- Global bonds lagged the domestic bond market with the US Aggregate Index beating the Global Aggregate ex-US Index by 2.4%. This broke the two indexes’ tie in 2023 and left global bonds 2.4% behind the domestic bond market for the full year.

Market Themes

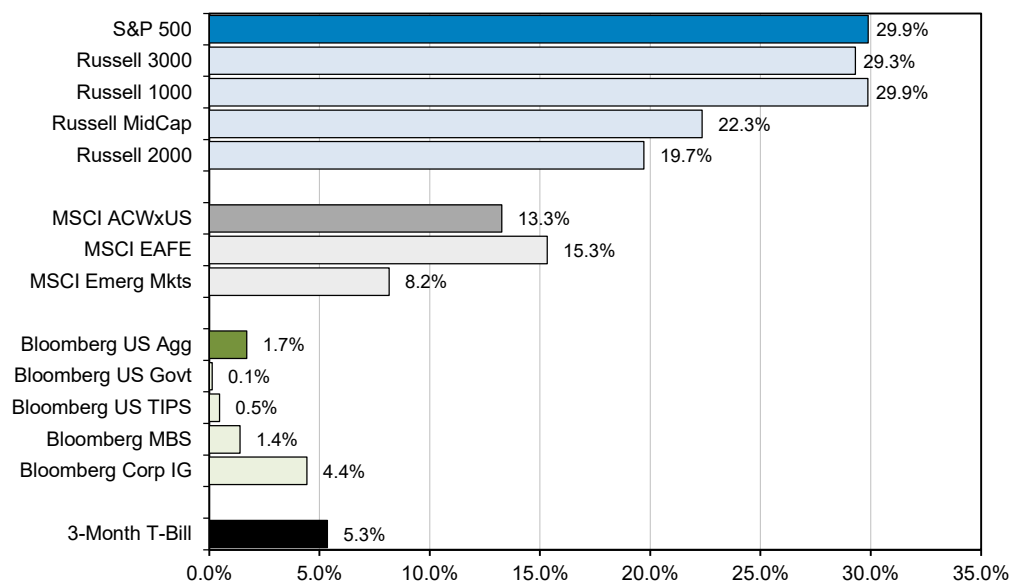
- 2024 opened with strong results in domestic and international equity markets, continuing what was a robust 2023. Growth sectors continued to outpace value sectors but by a narrower margin than 2023, showcasing increased breadth across many markets.
- Central banks remained vigilant in their stances 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.
- Policy rates remained relatively stable across most developed markets as central banks continued their tight policy stance. However, there are expectations of looser monetary policy to take hold as 2024 progresses.
- Ongoing military conflicts coupled with economic uncertainty around the globe continue to act as headwinds in international markets. While global disruptions from the Russia-Ukraine conflict seemed to subside, the proxy war in the Middle East has spread to other countries in the region and unsettled shipping channels globally.

- Domestic equity markets carried their momentum from late 2023 into the first quarter of 2024. Economic indicators continued to signal improving conditions for growth and softening inflation, resulting in an ongoing tailwind for risk assets. For the period, the S&P 500 large-cap benchmark returned 10.6% versus 8.6% for the Russell Mid Cap Index and 5.2% for the Russell 2000 small-cap index.
- International developed and emerging market equities also posted solid results. European markets continue to face geopolitical risks related to the conflict in Ukraine, the Middle East is grappling with a proxy war that has spread beyond Israel and Palestine, and Asia is feeling contagion effects from China's economic uncertainty. Despite the uncertainty, the developed market MSCI EAFE Index returned 5.8% for the quarter, while the MSCI Emerging Markets Index advanced 2.4%.
- Most broad fixed income indexes fell slightly during the first quarter of 2024. While market participants were generally optimistic about the possibility of a Fed rate cut during the first half of the year, sticky inflation pushed out these expectations and caused markets to re-think the timing of 2024's potential rate cuts. The Bloomberg (BB) US Aggregate Index returned -0.8% for the quarter while investment-grade corporate bonds were down less, returning -0.4%.
- US equity markets posted a stellar 29.9% during the trailing one-year period. The weakest relative performance for the year was the Russell 2000 Index, which nonetheless climbed 19.7% over the last 12 months.
- International markets also showcased a healthy rebound in 2023. Over the trailing one-year period, the MSCI EAFE Index was the best international performer, returning 15.3% while the MSCI Emerging Markets Index added a more modest 8.2%.
- Bond markets were relatively flat over the previous 12 months. Investment-grade corporate bonds were the best-performing sector, up by 4.4%. Meanwhile, Treasuries have lagged, returning just 0.1% over the previous 12 months. The bellwether fixed-income benchmark, the Bloomberg US Aggregate Index, returned a muted 1.7% for the year.

Quarter Performance

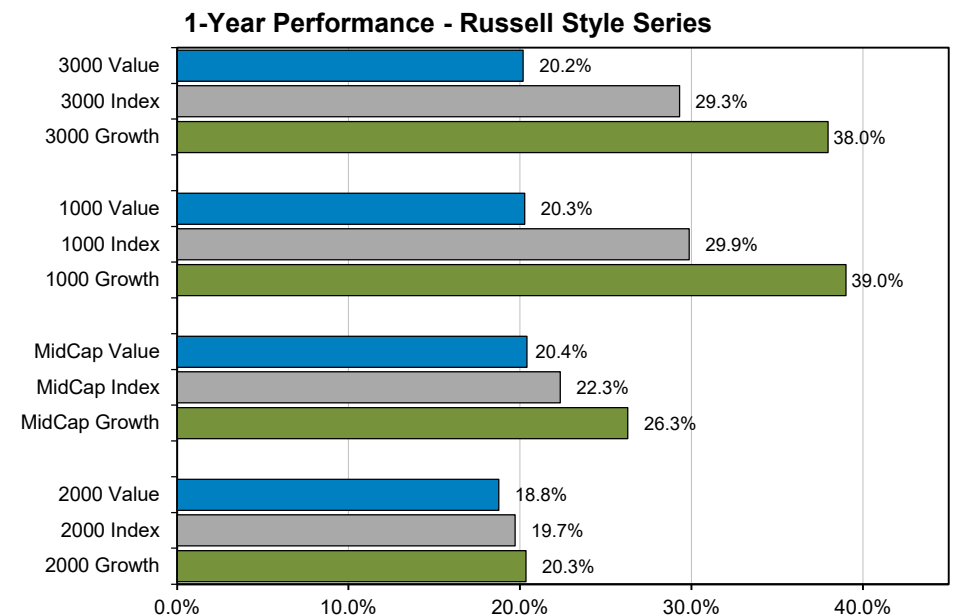
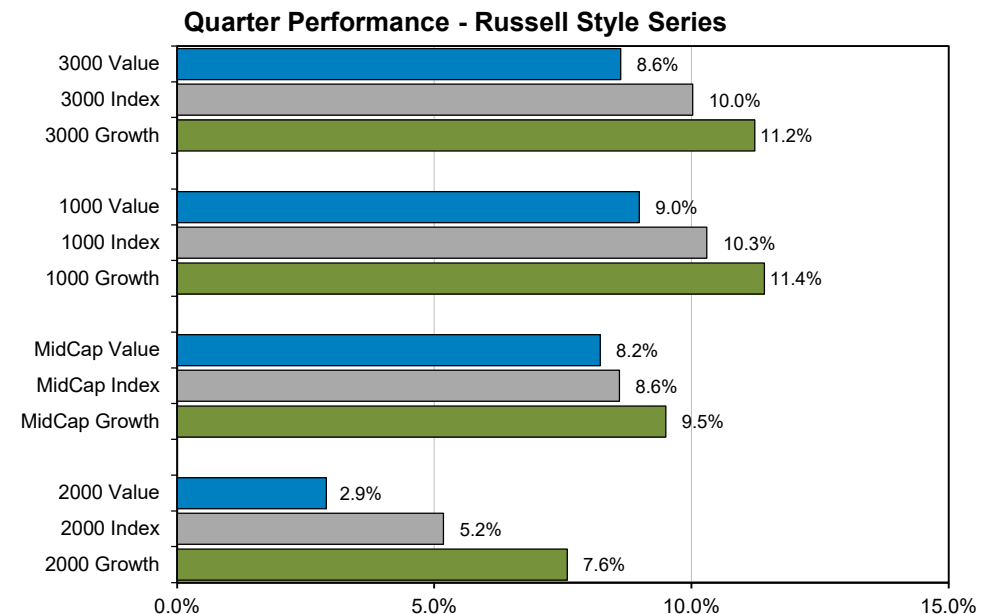


1-Year Performance



Source: Investment Metrics

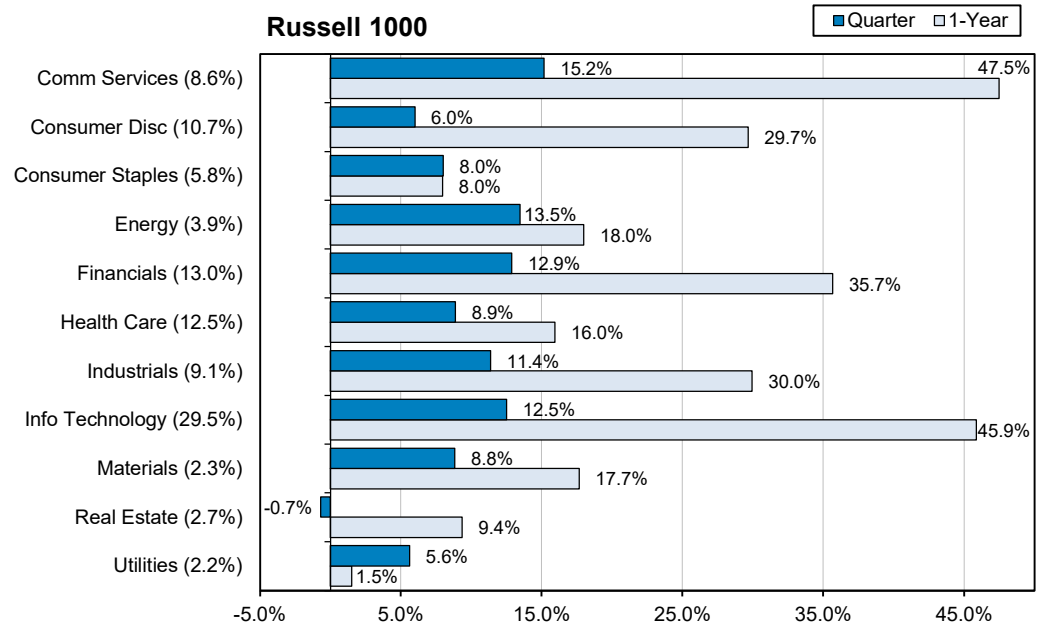
- Domestic equity benchmarks were positive for the second consecutive quarter and growth style issues continued to outpace value. The best-performing area of the equity market was large-cap growth, with the Russell 1000 Growth index returning 11.4%. The worst performing area of the market was small-cap value, with the Russell 2000 Value index returning just 2.9% for the quarter. From a market capitalization perspective, large-cap stocks led their small-cap counterparts, with the Russell 1000 Index returning 10.3% and the Russell 2000 Index lagging with a lower, but still solid, 5.2%.
- The market continued its growth-led rally as growth stocks outpaced value stocks across the market-capitalization spectrum. While growth led the way during the quarter, value benchmarks largely kept pace, signaling that the rally seen in domestic equities may be broadening to other areas of the market.
- For the year, within large-cap stocks, the Russell 1000 Growth Index returned an impressive 39.0%, leading the way among style and market capitalization classifications. The weakest performing index for the year was the Russell 2000 Value, which still posted a double-digit return of 18.8%.
- The dominance of growth sectors is evident in the chart, with all growth benchmarks handily outpacing their core and value index counterparts. However, the strength of the outperformance differs meaningfully between the large cap and small cap segments of the market. The Russell 2000 Growth Index returned 20.3%, outpacing the Russell 2000 Value index return by a narrow margin of just 1.5%. However, this spread widens to 5.9% for the Russell Midcap Growth benchmarks and blows out to a span of 18.7% for the large cap benchmarks.



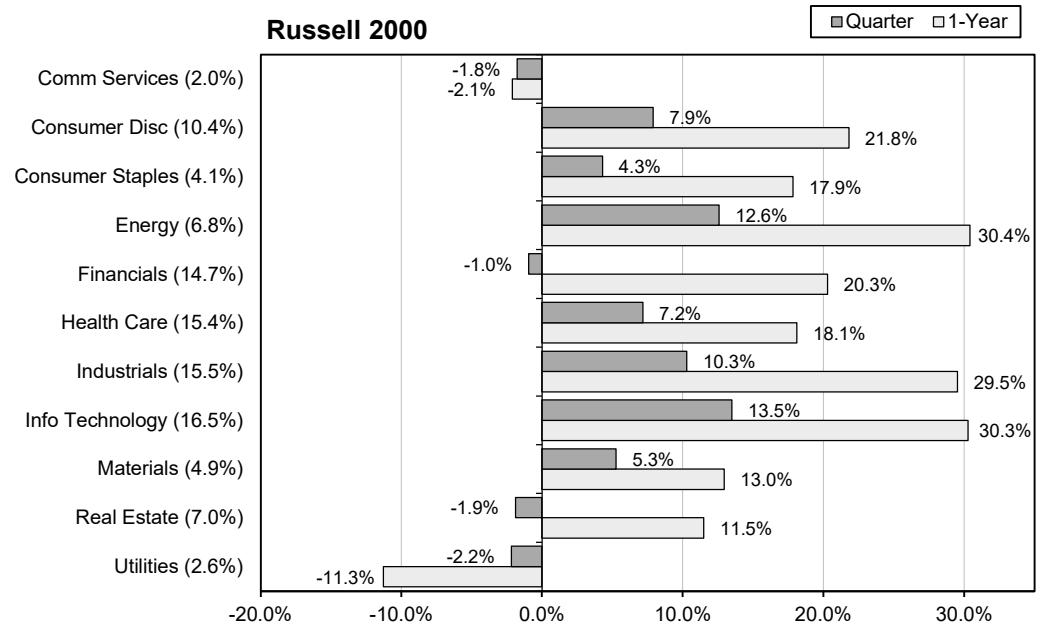
Source: Investment Metrics

- 2023's year-end rally continued into the first quarter of 2024 and expanded its breadth across styles and market capitalizations.
- Ten of the 11 GICS economic sectors in the large-cap Russell 1000 Index moved higher during the first quarter. Five of the 11 sectors outpaced the broad index return of 10.0%. Communication services led the way at 15.2% followed by energy (up 13.5%), financials (12.9%), information technology (12.5%), and industrials (11.4%).
- For the full year, all 11 economic sectors finished in positive territory with communication services leading the way at 47.5% and information technology following in lock step at 45.9%. Of the 11 sectors, four were up at least 30.0% the past year. Utilities (up 1.5%), consumer staples (8.0%), and real estate (9.4%) were the only three sectors that did not post double-digit results over the trailing year.
- Seven small-cap economic sectors posted positive results during the quarter with six of those sectors exceeding the 5.2% return of the Russell 2000 Index. The information technology (up 13.5%), energy (12.6%), and industrials (10.3%) sectors led the way as the only three sectors to showcase double-digit performance for the quarter. Utilities (-2.2%), real estate (-1.9%), communication services (-1.8%), and financials (-1.0%) sectors all lost ground during the quarter.
- Similar to large-cap sector performance, nine of the 11 small cap sectors were positive over the trailing year. Energy posted the strongest sector results (30.4%) with the information technology (30.3%) sector not far behind. Industrials (29.5%), consumer discretionary (21.8%) and financials (20.3%) each also returned more than 20.0% for the period. Six of the 11 economic sectors fell short of the core small-cap benchmark's return of 19.7% over the trailing year. The two negative sectors for the year were utilities with a return of -11.3% and communication services, which returned -2.1%.

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 March 31, 2024

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Microsoft Corp	6.5%	12.1%	47.1%	Information Technology
Apple Inc	5.2%	-10.8%	4.5%	Information Technology
NVIDIA Corp	4.5%	82.5%	225.4%	Information Technology
Amazon.com Inc	3.4%	18.7%	74.6%	Consumer Discretionary
Meta Platforms Inc Class A	2.2%	37.3%	129.4%	Communication Services
Alphabet Inc Class A	1.9%	8.0%	45.5%	Communication Services
Berkshire Hathaway Inc Class B	1.6%	17.9%	36.2%	Financials
Alphabet Inc Class C	1.6%	8.0%	46.4%	Communication Services
Eli Lilly and Co	1.4%	33.7%	128.4%	Health Care
JPMorgan Chase & Co	1.2%	18.5%	58.1%	Financials

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
NVIDIA Corp	4.5%	82.5%	225.4%	Information Technology
Vistra Corp	0.1%	81.4%	197.1%	Utilities
AppLovin Corp Ordinary Shares	0.0%	73.7%	339.5%	Information Technology
Shockwave Medical Inc	0.0%	70.9%	50.2%	Health Care
Vertiv Holdings Co Class A	0.1%	70.1%	471.2%	Industrials
Cava Group Inc	0.0%	63.0%	N/A	Consumer Discretionary
EMCOR Group Inc	0.0%	62.7%	116.2%	Industrials
Maplebear Inc	0.0%	58.9%	N/A	Consumer Staples
Constellation Energy Corp	0.1%	58.5%	138.0%	Utilities
Williams-Sonoma Inc	0.0%	58.0%	167.4%	Consumer Discretionary

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
New York Community Bancorp Inc	0.0%	-68.2%	-62.3%	Financials
SSR Mining Inc	0.0%	-58.7%	-70.1%	Materials
Rivian Automotive Inc Class A	0.0%	-53.3%	-29.3%	Consumer Discretionary
Agilon Health Inc	0.0%	-51.4%	-74.3%	Health Care
AMC Entertainment Holdings Inc	0.0%	-39.2%	-91.6%	Communication Services
Iridium Communications Inc	0.0%	-36.1%	-57.2%	Communication Services
Viasat Inc	0.0%	-35.3%	-46.5%	Information Technology
QuidelOrtho Corp	0.0%	-35.0%	-46.2%	Health Care
Unity Software Inc Ordinary Shares	0.0%	-34.7%	-17.7%	Information Technology
10x Genomics Inc Ordinary Shares	0.0%	-32.9%	-32.7%	Health Care

Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Super Micro Computer Inc	1.9%	255.3%	847.9%	Information Technology
MicroStrategy Inc Class A	0.9%	169.9%	483.1%	Information Technology
Comfort Systems USA Inc	0.4%	54.6%	118.7%	Industrials
e.l.f. Beauty Inc	0.4%	35.8%	138.0%	Consumer Staples
Light & Wonder Inc Ordinary Shares	0.3%	24.3%	70.0%	Consumer Discretionary
Carvana Co Class A	0.3%	66.1%	798.0%	Consumer Discretionary
Onto Innovation Inc	0.3%	18.4%	106.1%	Information Technology
Simpson Manufacturing Co Inc	0.3%	3.8%	88.6%	Industrials
Viking Therapeutics Inc	0.3%	340.6%	392.5%	Health Care
Weatherford International PLC	0.3%	18.0%	94.5%	Energy

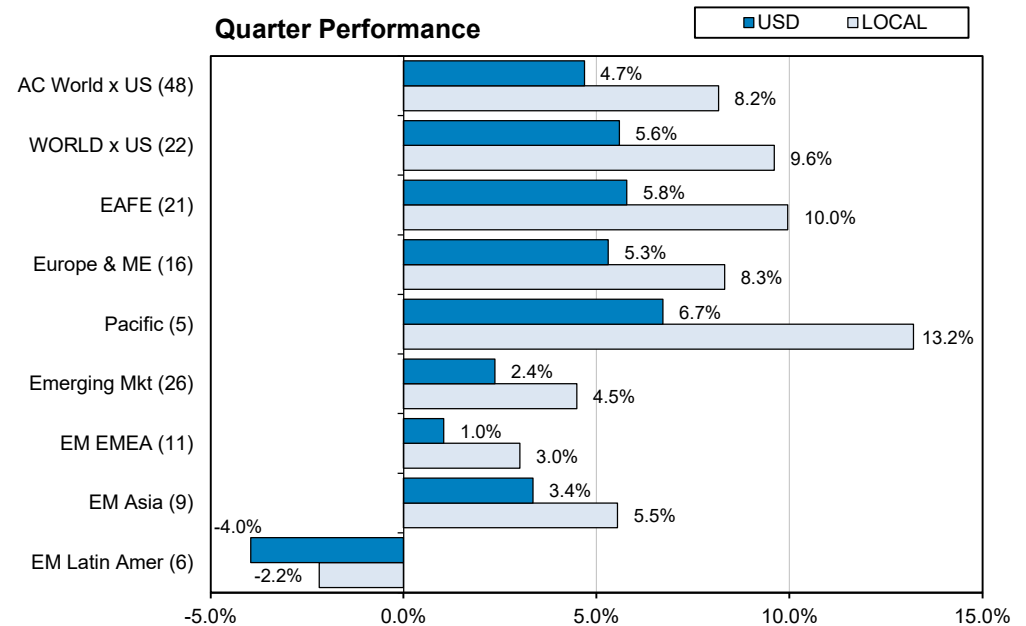
Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Ocean Biomedical Inc	0.0%	473.5%	-43.0%	Health Care
Viking Therapeutics Inc	0.3%	340.6%	392.5%	Health Care
Longboard Pharmaceuticals Inc	0.0%	258.2%	438.7%	Health Care
Super Micro Computer Inc	1.9%	255.3%	847.9%	Information Technology
Janux Therapeutics Inc	0.0%	250.9%	211.2%	Health Care
Arcutis Biotherapeutics Inc	0.0%	206.8%	-9.9%	Health Care
Veritone Inc	0.0%	190.6%	-9.8%	Information Technology
Avidity Biosciences Inc	0.1%	182.0%	66.3%	Health Care
Vera Therapeutics Inc Class A	0.1%	180.4%	455.7%	Health Care
SoundHound AI Inc Ordinary Shares	0.0%	177.8%	113.4%	Information Technology

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Amylyx Pharmaceuticals Inc	0.0%	-80.7%	-90.3%	Health Care
Bakkt Holdings Inc Ordinary Shares	0.0%	-79.4%	-73.3%	Financials
WW International Inc	0.0%	-78.9%	-55.1%	Consumer Discretionary
iRobot Corp	0.0%	-77.4%	-79.9%	Consumer Discretionary
LivePerson Inc	0.0%	-73.7%	-77.4%	Information Technology
Office Properties Income Trust	0.0%	-72.1%	-81.1%	Real Estate
Spirit Airlines Inc	0.0%	-69.6%	-69.3%	Industrials
2U Inc	0.0%	-68.3%	-94.3%	Consumer Discretionary
CareMax Inc Ordinary Shares	0.0%	-67.8%	-94.0%	Health Care
Presto Automation Inc	0.0%	-67.3%	-89.0%	Information Technology

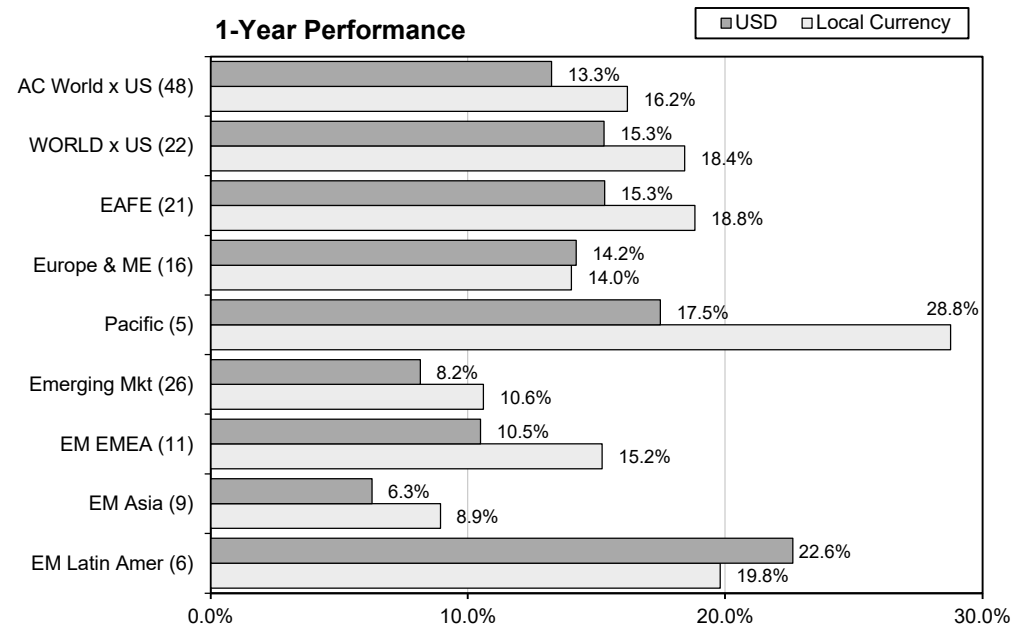
Source: Morningstar Direct

- Many of the international developed- and emerging-market benchmarks posted positive performance in both USD and LCL terms for the first quarter. A strengthening of the USD during the period was a drag on domestic non-US index performance across all regions. The developed-market MSCI EAFE Index still returned a solid 5.8% in USD and 10.0% in LCL terms for the period. The MSCI Emerging Markets Index rose by 2.4% in USD and 4.5% in LCL terms.
- Latin America was the only region to post negative performance for the quarter in both USD and LCL terms. The cyclical nature of demand for commodity exports in the region has resulted in greater volatility due to continued uncertainty over central bank policies and global demand.
- The heaviest weighted country in the emerging market index (China, 7.0%) continued its drag on broad index returns, returning -2.2% during the quarter. The Chinese economy grew at a rate of 5.2% in 2023, lower than its pre-pandemic rate of 6.0% which was a headwind for performance. Troubles in the commercial property and banking sectors have also created challenges for growth in the region.
- Much like domestic markets, trailing one-year results for international developed and emerging markets benchmarks were strong. Outside of EM Latin America, the USD showed strength over broad and regional benchmarks for the year, and as a result, LCL returns finished higher than USD performance.
- MSCI Pacific results led the way in LCL currency terms at 28.8% for the trailing year. USD returns for the region were still strong but returned a more muted 17.5% due to softening currency in the region. Due to demand for commodity exports and rising oil prices, EM Latin America was the only region where the USD weakened relative to LCL returns, resulting in higher USD returns (22.6% vs. 19.8%). The EM Asia regional benchmark was the weakest relative-performing region in the emerging market index, with the EM Asia index returning 6.3% in USD and 8.9% in LCL terms.

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 March 31, 2024

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.0%	4.1%	6.6%
Consumer Discretionary	12.5%	11.1%	15.5%
Consumer Staples	8.6%	-3.1%	-5.9%
Energy	4.1%	2.2%	14.6%
Financials	19.3%	8.6%	25.8%
Health Care	12.7%	4.7%	8.6%
Industrials	16.8%	7.9%	23.1%
Information Technology	9.4%	14.3%	31.1%
Materials	7.2%	-1.1%	10.2%
Real Estate	2.3%	1.5%	13.0%
Utilities	3.1%	-5.0%	2.7%
Total	100.0%	5.8%	15.3%

MSCI - ACWixUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.1%	2.1%	-3.0%
Consumer Discretionary	11.8%	7.2%	8.6%
Consumer Staples	7.4%	-3.2%	-4.6%
Energy	5.5%	5.2%	21.4%
Financials	21.4%	5.9%	21.4%
Health Care	9.2%	3.7%	7.5%
Industrials	13.8%	6.9%	19.8%
Information Technology	13.4%	11.4%	29.4%
Materials	7.4%	-1.6%	4.1%
Real Estate	2.0%	-0.3%	6.8%
Utilities	3.0%	-3.0%	5.2%
Total	100.0%	4.7%	13.3%

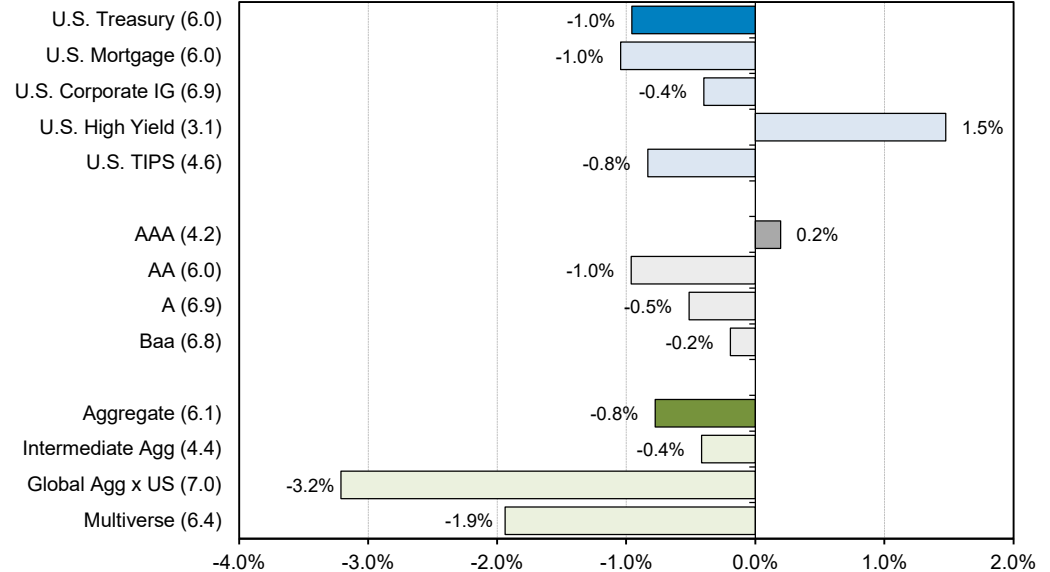
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	8.6%	0.8%	-11.5%
Consumer Discretionary	12.4%	-0.5%	-5.3%
Consumer Staples	5.6%	-4.3%	-2.6%
Energy	5.3%	6.9%	36.0%
Financials	22.4%	2.3%	15.0%
Health Care	3.5%	-4.5%	-0.9%
Industrials	7.0%	1.4%	4.6%
Information Technology	23.7%	9.9%	26.7%
Materials	7.2%	-4.6%	-5.4%
Real Estate	1.5%	-6.0%	-11.3%
Utilities	2.8%	3.5%	17.9%
Total	100.0%	2.4%	8.2%

Country	MSCI-EAFE Weight	MSCI-ACWixUS Weight	Quarter Return	1-Year Return
Japan	23.3%	15.0%	10.2%	23.5%
United Kingdom	14.6%	9.4%	1.9%	6.4%
France	12.1%	7.8%	5.7%	9.7%
Switzerland	9.3%	6.0%	-2.1%	4.9%
Germany	8.7%	5.6%	6.8%	12.0%
Australia	7.3%	4.7%	-0.5%	8.1%
Netherlands	5.2%	3.3%	15.4%	22.5%
Denmark	3.6%	2.3%	14.4%	33.0%
Sweden	3.1%	2.0%	0.2%	11.6%
Italy	2.8%	1.8%	13.1%	30.6%
Spain	2.7%	1.7%	7.7%	19.6%
Hong Kong	1.8%	1.2%	-12.2%	-25.8%
Singapore	1.3%	0.9%	-0.1%	-6.1%
Finland	1.0%	0.6%	-6.0%	-12.8%
Belgium	0.9%	0.6%	1.7%	-0.2%
Israel	0.7%	0.5%	12.2%	22.1%
Norway	0.6%	0.4%	-7.9%	-0.2%
Ireland	0.4%	0.2%	14.8%	16.9%
Portugal	0.2%	0.1%	-17.9%	-16.6%
New Zealand	0.2%	0.1%	-4.9%	-8.2%
Austria	0.2%	0.1%	0.5%	10.5%
Total EAFE Countries	100.0%	64.5%	5.8%	15.3%
Canada		7.7%	3.4%	12.3%
Total Developed Countries		71.9%	5.6%	15.3%
China		7.0%	-2.2%	-17.1%
India		5.0%	6.1%	36.8%
Taiwan		4.9%	12.4%	27.8%
Korea		3.5%	1.6%	14.2%
Brazil		1.4%	-7.4%	27.0%
Saudi Arabia		1.2%	4.7%	15.8%
South Africa		0.8%	-6.8%	-4.9%
Mexico		0.8%	0.5%	17.7%
Indonesia		0.5%	2.1%	3.4%
Thailand		0.4%	-8.2%	-16.4%
Malaysia		0.4%	3.0%	3.1%
United Arab Emirates		0.3%	0.4%	9.2%
Poland		0.3%	3.5%	55.3%
Qatar		0.2%	-3.6%	-1.4%
Kuwait		0.2%	8.3%	4.1%
Turkey		0.2%	14.6%	19.3%
Philippines		0.2%	6.1%	7.2%
Chile		0.1%	-4.5%	-5.9%
Greece		0.1%	6.5%	37.4%
Peru		0.1%	15.8%	46.2%
Hungary		0.1%	0.5%	47.4%
Czech Republic		0.0%	-7.7%	-7.6%
Colombia		0.0%	14.2%	48.3%
Egypt		0.0%	-29.7%	3.2%
Total Emerging Countries		27.9%	2.4%	8.2%
Total ACWixUS Countries		100.0%	4.7%	13.3%

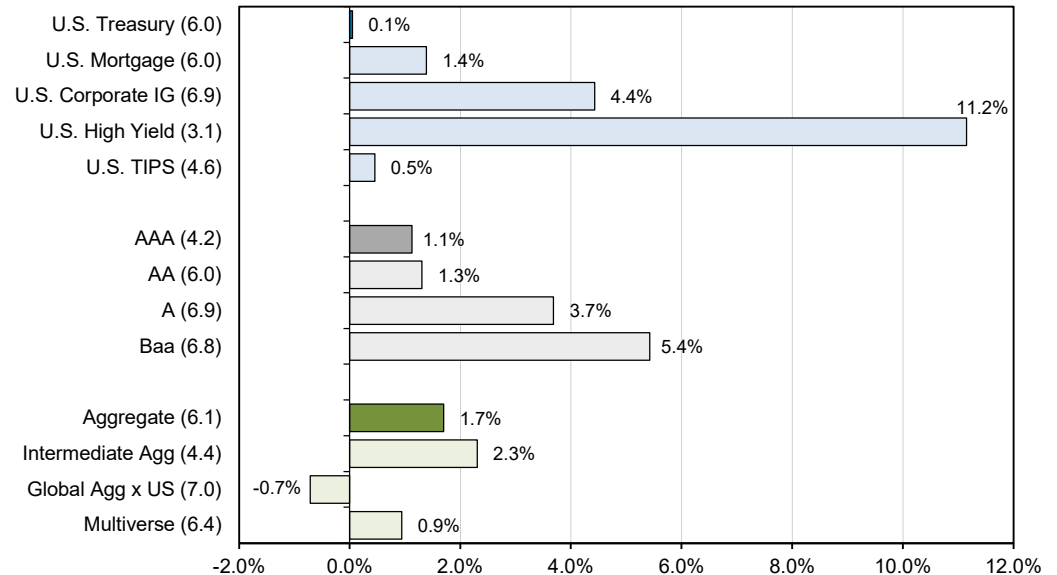
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)
As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency,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

- Fixed-income markets pulled back slightly to start the year with many domestic and international bond indexes finishing modestly lower during the quarter. Yields remain elevated due to the Federal Reserve's decision to maintain rates at their current levels. While market expectations are that the Fed will eventually begin cutting rates in 2024, which will be a jolt to bond holder performance as yield fall, higher yields and coupon rates on bonds also are also offer an attractive stabilizing, lower-risk benefit for bond allocations in diversified portfolios.
- The Bloomberg US Aggregate Bond Index, the bellwether US investment grade benchmark, returned a mild negative result of -0.8% for the quarter. Performance across the investment grade index's segments finished the period with similar performance with the Bloomberg US Corporate Investment Grade Index returning -0.4% and the US Mortgage Index sliding by -1.0%.
- Outside of the Aggregate index's sub-components, high-yield bonds continued to rise with a return of 1.5% as credit spreads narrowed during the quarter. US TIPS fell -0.8% for the quarter. The Bloomberg Global Aggregate ex-US Index return of -3.2% for the quarter lagged all domestic fixed-income indexes as well as the multiverse benchmark's return of -1.9%.
- Over the trailing one-year period, the Bloomberg US Aggregate Bond Index climbed 1.7%. The benchmark's sub-components also posted positive performance over the trailing 12 months with the Bloomberg US Corporate Investment Grade Index rising 4.4% and the US Mortgage Index posting a more modest 1.4% return. US TIPS, which are excluded from the aggregate index, rose 0.5% for the year. High-yield corporate bonds, which have a much shorter duration, outpaced their investment grade counterparts with the Bloomberg US High Yield Index posting an equity-like return of 11.2% for the last year.
- Performance for non-US bonds were negative for the trailing year with the Bloomberg Global Aggregate ex-US Index falling by -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



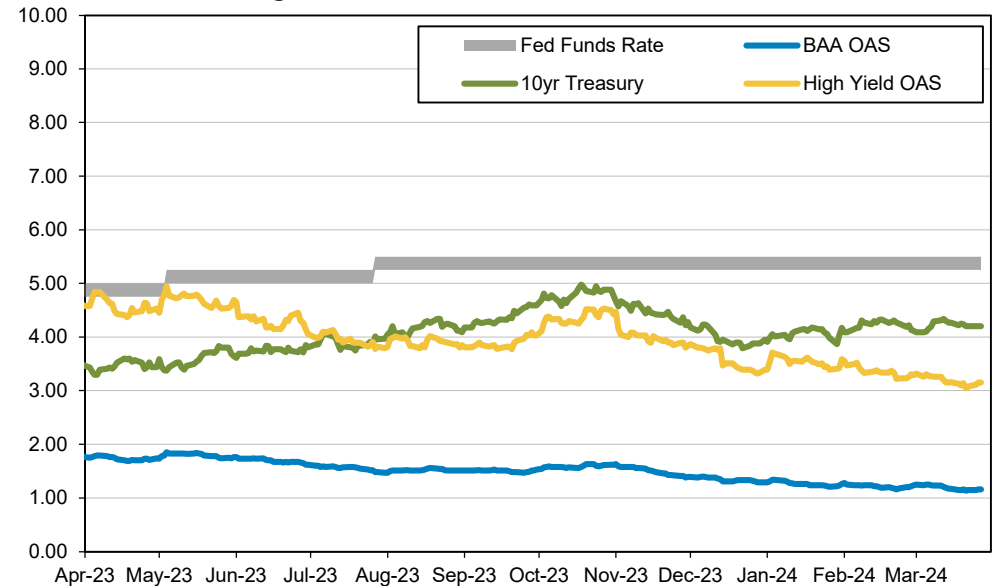
1-Year Performance



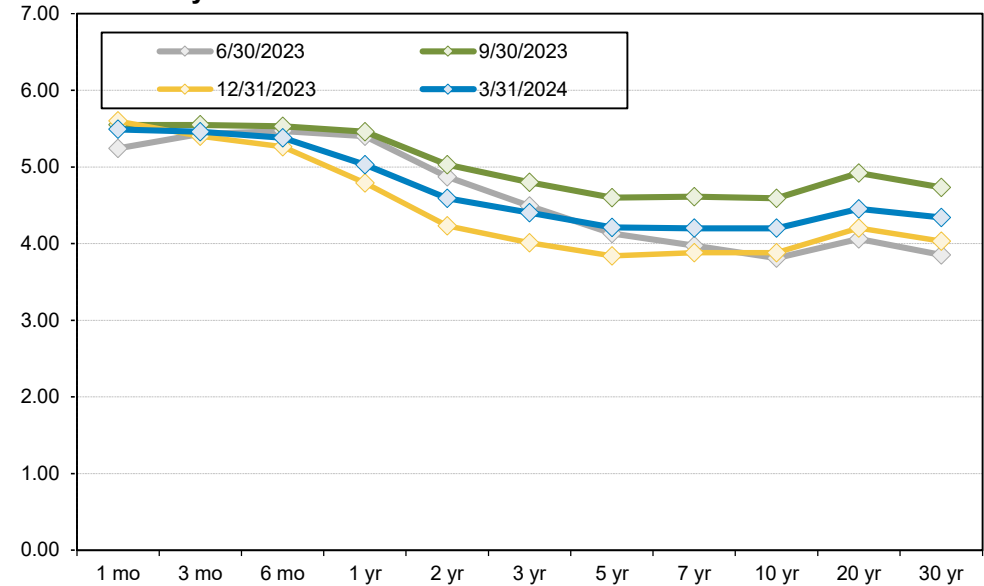
Source: Bloomberg

- The gray band across the graph illustrates the range of the current Fed Funds target rate. During the first quarter, the Federal Open Market Committee (FOMC) continued to hold the 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 and while their press releases have continued to push economic data-dependent outcomes, subtle press release rewordings since last July have increased the likelihood there will be no additional rate increase in this cycle. With early April's inflation surprise, the CME FedWatch tool, which forecasts rates based on Fed Fund futures pricing, is predicting two 0.25% rate cuts for 2024, with the first occurring in September. Fed officials and market participants have expressed concern about leaving rates at their current levels for an extended period could tip the US economy into a recession, but inflation remains stubbornly elevated and higher rates are the FOMC's primary inflation-fighting tool. Additionally, the FOMC continues to remove liquidity from the market by allowing bonds held on its balance sheet to mature without reinvesting maturity proceeds.
- The yield on the US 10-year Treasury (green line of the top chart) rose modestly, opening at the at 3.88% and finishing the quarter at 4.20%. The 0.32% increase was largely attributable to sticky inflation data released throughout the quarter. The benchmark's rate peaked in October 2023, cresting at just under 5.00% before pulling back in the remainder of the year.
- The blue line in the top chart illustrates changes in 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 spread narrowed from 1.29% to 1.17%, which is equivalent to falling rates for BAA bonds. The spread measure has continued to narrow 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 yellow line in the top chart) have also continued to narrow from 3.39% at the end of 2023 to 3.15% at the end of March 2024. This narrowing provided an additional boost to high yield performance.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. If the anticipated rate cuts materialize in 2024, the yield curve will steepen into a positively sloped yield curve, which is the normal shape of the yield. Historically, a persistent inversion of the yield curve, as measured by the spread between 2 and 10-year Treasuries, has been a precursor of an economic recession within six to 24 months. As of quarter-end, the current yield curve inversion has persisted for 21 months.

1-Year Trailing Market Rates



Treasury Yield Curve



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

[Fed Minutes Suggest Rate Hikes Are Over, but Offer No Timetable on Cuts - WSJ](#)

[Fed meeting today: Live updates on March Fed rate decision \(cnbc.com\)](#)

[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 \(stlouisfed.org\)](#)

[The quarter in review: what happened in the first three months of 2024? | J.P. Morgan Asset Management \(jpmorgan.com\)](#)

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

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

[The S&P 500 Clinches Best Start to Year Since 2019 - WSJ](#)

[China's Economy Limpes Into 2024 - WSJ](#)

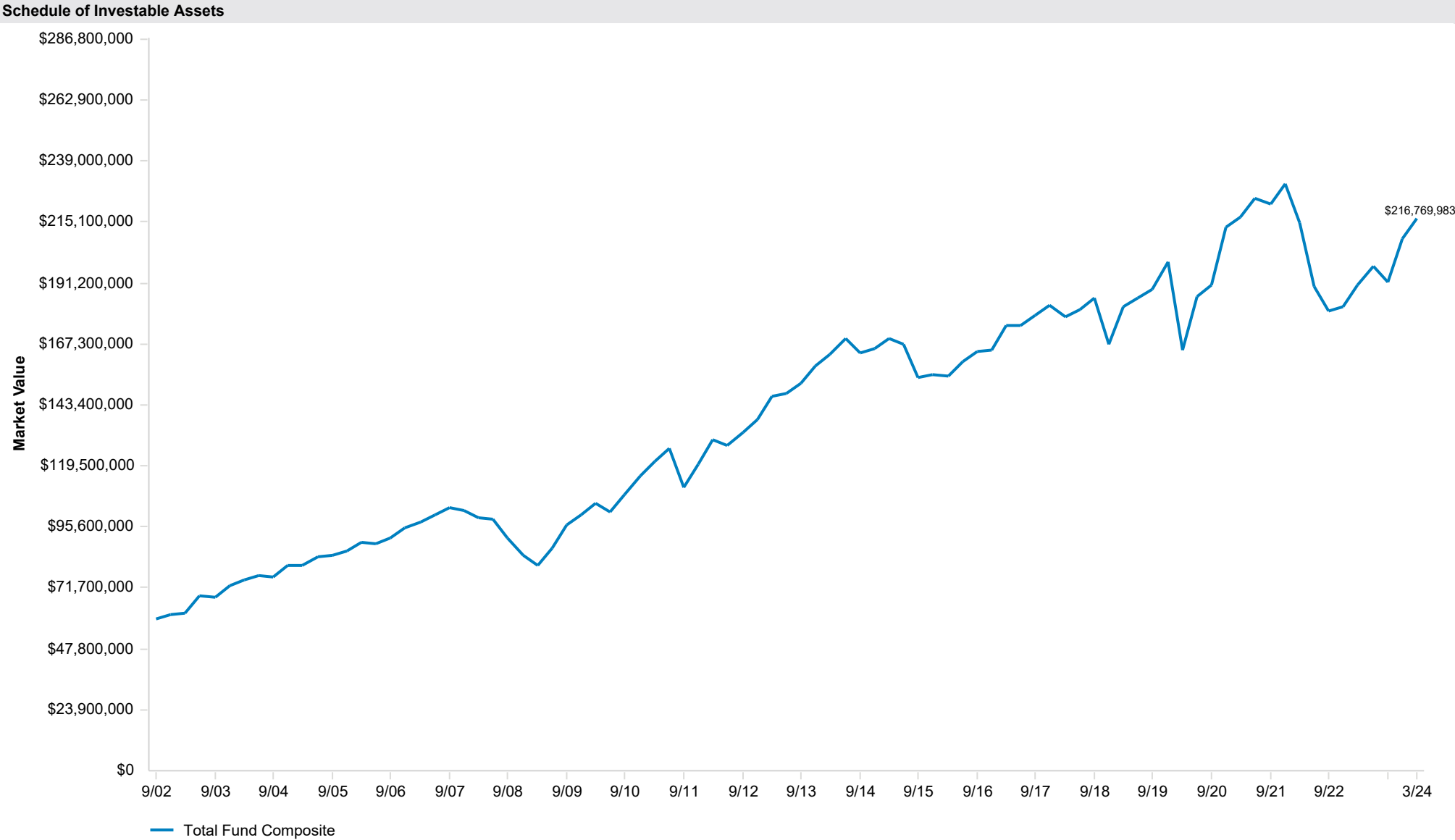
[Support Site - Global Index Lens: Index Returns - MSCI](#)

[Q1 2024 CIO Review and Outlook - Matthews Asia - Commentaries - Advisor Perspectives](#)

[Treasuries Selloff Deepens as Traders Push Back First Rate Cut - Articles - Advisor Perspectives](#)

[Federal Reserve issues FOMC statement](#)

16.1%



Schedule of Investable Assets					
Periods Ending	Beginning Market Value \$	Net Cash Flow \$	Gain/Loss \$	Ending Market Value \$	%Return
Oct-2002 To Mar-2024	59,280,518	-37,788,576	195,278,041	216,769,983	7.15

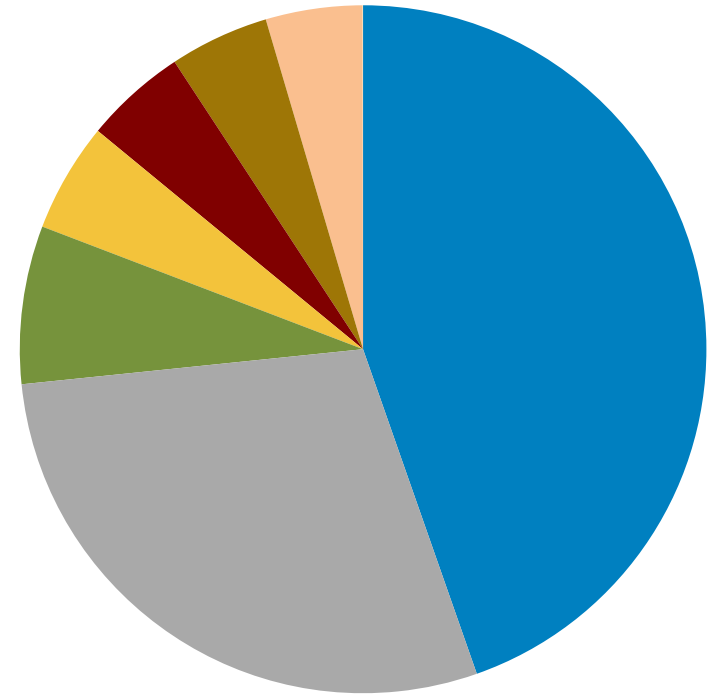
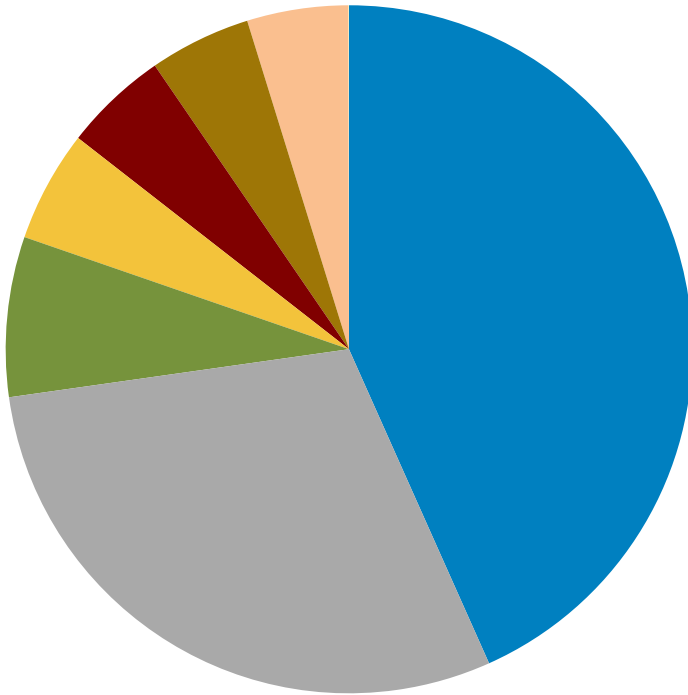
Asset Allocation by Asset Class

Total Fund

As of March 31, 2024

Dec-2023 : \$208,501,455

Mar-2024 : \$216,769,983



Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Total Domestic Equity	90,302,174	43.3	Total Domestic Equity	96,735,892	44.6
Total Core Plus Fixed Income	61,427,288	29.5	Total Core Plus Fixed Income	62,319,564	28.7
Total International Equity	15,673,570	7.5	Total International Equity	16,098,237	7.4
Total GTAA	10,927,214	5.2	Total GTAA	11,155,917	5.1
Total High Yield Fixed Income	10,225,167	4.9	Total High Yield Fixed Income	10,394,022	4.8
Total Bank Loans	9,954,721	4.8	Total Bank Loans	10,147,608	4.7
Total Real Estate-REITS	9,901,752	4.7	Total Real Estate-REITS	9,853,564	4.5
Total Cash	89,570	0.0	Total Cash	65,179	0.0

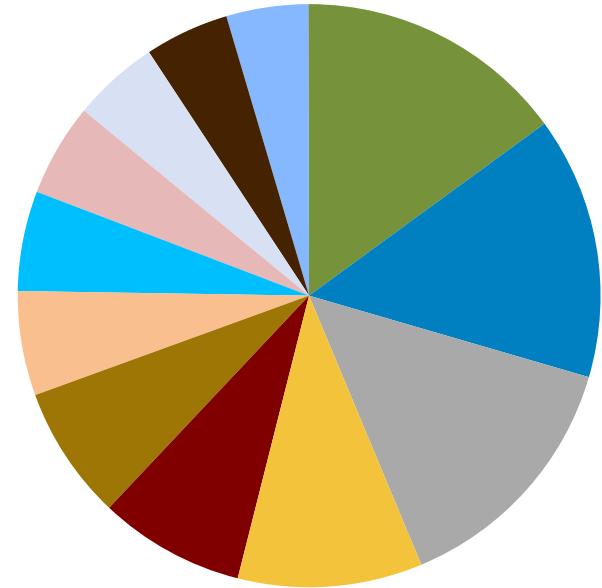
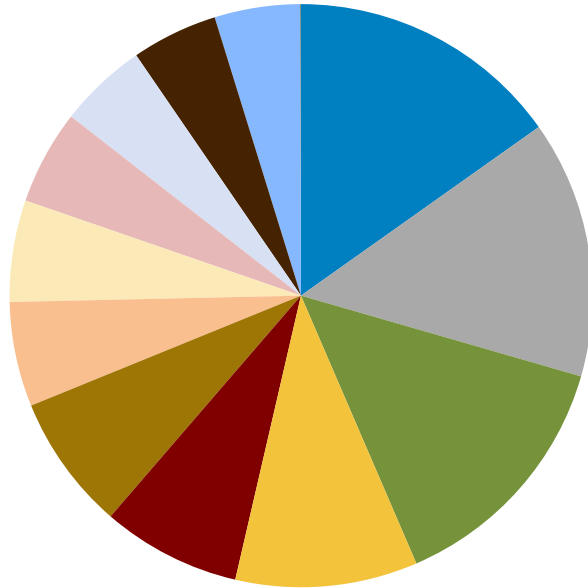
Asset Allocation by Asset Class

Total Fund

As of March 31, 2024

Dec-2023 : \$208,501,455

Mar-2024 : \$216,769,983



Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Dodge & Cox Income (DODIX)	31,646,627	15.2	■ Vanguard Index Fund Institutional (VINIX)	32,420,231	15.0
■ MacKay Shields Core Plus	29,780,662	14.3	■ Dodge & Cox Income (DODIX)	31,544,609	14.6
■ Vanguard Index Fund Institutional (VINIX)	29,327,750	14.1	■ MacKay Shields Core Plus	30,774,955	14.2
■ Barrow Hanley MeWhinney & Strauss	21,053,877	10.1	■ Barrow Hanley MeWhinney & Strauss	22,186,351	10.2
■ Stephens Mid Cap Growth	16,071,591	7.7	■ Stephens Mid Cap Growth	17,543,155	8.1
■ Causeway International (CIVIX)	15,673,570	7.5	■ Causeway International (CIVIX)	16,098,237	7.4
■ Fiduciary Management	12,111,245	5.8	■ Fiduciary Management	12,568,502	5.8
■ Stacey Braun	11,737,711	5.6	■ Fidelity Large Cap Growth (FSPGX)	12,007,779	5.5
■ BlackRock Multi-Asset Income (BKMIX)	10,927,214	5.2	■ BlackRock Multi-Asset Income (BKMIX)	11,155,917	5.1
■ Loomis Sayles High Yield (LSHIX)	10,225,167	4.9	■ Loomis Sayles High Yield (LSHIX)	10,394,022	4.8
■ Aristotle Floating Rate (PLFRX)	9,954,721	4.8	■ Aristotle Floating Rate (PLFRX)	10,147,608	4.7
■ Cohen & Steers (CSRIX)	9,901,752	4.7	■ Cohen & Steers (CSRIX)	9,853,564	4.5
■ Cash	89,570	0.0	■ Cash	65,179	0.0
■ Fidelity Large Cap Growth (FSPGX)	-	0.0	■ Stacey Braun	9,874	0.0

Financial Reconciliation
Total Fund
1 Quarter Ending March 31, 2024

Financial Reconciliation								
	Market Value 01/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Return On Investment	Market Value 03/31/2024
Fiduciary Management	12,111,245	-520,000	-	-	-16,653	-1,704	995,614	12,568,502
Vanguard Index Fund Institutional (VINIX)	29,327,750	-	-	-	-	-	3,092,481	32,420,231
Stacey Braun	11,737,711	-13,522,396	-	-	-12,287	-1,652	1,808,498	9,874
Fidelity Large Cap Growth (FSPGX)	-	12,022,396	-	-	-	-	-14,617	12,007,779
Stephens Mid Cap Growth	16,071,591	-	-	-	-30,090	-2,263	1,503,917	17,543,155
Barrow Hanley MeWhinney & Strauss	21,053,877	-	-	-	-34,620	-2,964	1,170,058	22,186,351
Causeway International (CIVIX)	15,673,570	-	-	-	-	-	424,668	16,098,237
Cohen & Steers (CSRIX)	9,901,752	-	-	-	-	-	-48,188	9,853,564
BlackRock Multi-Asset Income (BKMIX)	10,927,214	-	-	-	-	-	228,703	11,155,917
MacKay Shields Core Plus	29,780,662	1,000,000	-	-	-26,058	-4,167	24,518	30,774,955
Dodge & Cox Income (DODIX)	31,646,627	-	-	-	-	-	-102,018	31,544,609
Loomis Sayles High Yield (LSHIX)	10,225,167	-	-	-	-	-	168,856	10,394,022
Aristotle Floating Rate (PLFRX)	5,021,938	-	-	-	-	-	97,309	5,119,247
Cash	89,570	1,020,000	2,074,500	-2,992,975	-	-131,597	5,680	65,179
Total Fund Composite	208,501,455	-	2,074,500	-2,992,975	-119,708	-144,346	9,451,057	216,769,983

Financial Reconciliation
Total Fund
Year To Date Ending March 31, 2024

Financial Reconciliation								
	Market Value 01/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Return On Investment	Market Value 03/31/2024
Fiduciary Management	12,111,245	-520,000	-	-	-16,653	-1,704	995,614	12,568,502
Vanguard Index Fund Institutional (VINIX)	29,327,750	-	-	-	-	-	3,092,481	32,420,231
Stacey Braun	11,737,711	-13,522,396	-	-	-12,287	-1,652	1,808,498	9,874
Fidelity Large Cap Growth (FSPGX)	-	12,022,396	-	-	-	-	-14,617	12,007,779
Stephens Mid Cap Growth	16,071,591	-	-	-	-30,090	-2,263	1,503,917	17,543,155
Barrow Hanley MeWhinney & Strauss	21,053,877	-	-	-	-34,620	-2,964	1,170,058	22,186,351
Causeway International (CIVIX)	15,673,570	-	-	-	-	-	424,668	16,098,237
Cohen & Steers (CSRIX)	9,901,752	-	-	-	-	-	-48,188	9,853,564
BlackRock Multi-Asset Income (BKMIX)	10,927,214	-	-	-	-	-	228,703	11,155,917
MacKay Shields Core Plus	29,780,662	1,000,000	-	-	-26,058	-4,167	24,518	30,774,955
Dodge & Cox Income (DODIX)	31,646,627	-	-	-	-	-	-102,018	31,544,609
Loomis Sayles High Yield (LSHIX)	10,225,167	-	-	-	-	-	168,856	10,394,022
Aristotle Floating Rate (PLFRX)	5,021,938	-	-	-	-	-	97,309	5,119,247
Cash	89,570	1,020,000	2,074,500	-2,992,975	-	-131,597	5,680	65,179
Total Fund Composite	208,501,455	-	2,074,500	-2,992,975	-119,708	-144,346	9,451,057	216,769,983

Port of Houston Authority Pension Plan
Asset Allocation & Performance Trailing
As of March 31, 2024

Asset Allocation & Performance

	Allocation		Performance(%)								Inception Date
	Market Value \$	%	QTR	1 YR	3 YR	5 YR	7 YR	10 YR	Inception		
Total Fund Composite (Gross of Fees)	216,769,983	100.0	4.57	16.06	4.20	7.02	6.55	6.10	7.15	10/01/2002	
Policy Index			3.63	12.97	2.80	5.44	5.39	5.26	6.89		
Difference			0.94	3.09	1.40	1.58	1.16	0.84	0.26		
Pension Actuarial Assumption			1.47	6.00	6.00	6.00	6.00	6.00	6.00		
Difference			3.10	10.06	-1.80	1.02	0.55	0.10	1.15		
Total Fund Composite (Net of Fees)	216,769,983	100.0	4.51	15.80	3.95	6.71	6.22	5.72	6.59	10/01/2002	
Fiduciary Management	12,568,502	5.8	8.62 (64)	26.60 (32)	8.75 (76)	11.28 (80)	11.00 (56)	10.57 (37)	10.17 (21)	01/01/2006	
Russell 1000 Value Index			8.99 (57)	20.27 (71)	8.11 (83)	10.31 (89)	9.16 (90)	9.01 (91)	7.99 (89)		
Difference			-0.37	6.33	0.64	0.97	1.84	1.56	2.18		
S&P 500 Index			10.56 (32)	29.88 (15)	11.49 (25)	15.05 (14)	14.09 (11)	12.96 (8)	10.36 (18)		
Difference			-1.94	-3.28	-2.74	-3.77	-3.09	-2.39	-0.19		
IM U.S. Large Cap Value Equity (SA+CF) Median			9.47	23.24	10.23	12.44	11.19	10.20	9.28		
Vanguard Index Fund Institutional (VINIX)	32,420,231	15.0	10.54 (52)	29.84 (47)	11.46 (28)	15.03 (25)	N/A	N/A	14.08 (24)	05/01/2017	
S&P 500 Index			10.56 (52)	29.88 (47)	11.49 (27)	15.05 (23)	14.09 (25)	12.96 (14)	14.10 (24)		
Difference			-0.02	-0.04	-0.03	-0.02	N/A	N/A	-0.02		
IM U.S. Large Cap Core Equity (MF) Median			10.65	29.64	10.33	14.15	13.26	11.96	13.25		
Fidelity Large Cap Growth (FSPGX)	12,007,779	5.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	04/01/2024	
Russell 1000 Growth Index			11.41 (67)	39.00 (58)	12.50 (8)	18.52 (9)	18.06 (10)	15.98 (6)	N/A		
Difference			N/A	N/A	N/A	N/A	N/A	N/A	N/A		
IM U.S. Large Cap Growth Equity (MF) Median			12.60	39.96	9.52	15.73	15.85	13.96	N/A		
Stephens Mid Cap Growth	17,543,155	8.1	9.38 (44)	25.33 (32)	4.87 (21)	12.71 (33)	14.82 (12)	12.43 (12)	14.14 (21)	01/01/2013	
Russell Midcap Growth Index			9.50 (41)	26.28 (21)	4.62 (25)	11.82 (58)	12.87 (60)	11.35 (56)	13.26 (49)		
Difference			-0.12	-0.95	0.25	0.89	1.95	1.08	0.88		
IM U.S. Mid Cap Growth Equity (SA+CF) Median			8.78	23.24	3.06	12.30	13.13	11.46	13.25		
Barrow Hanley McWhinney & Strauss	22,186,351	10.2	5.58 (49)	23.34 (38)	7.01 (44)	14.88 (8)	11.11 (18)	10.46 (18)	11.67 (8)	04/01/2005	
Russell 2000 Value Index			2.90 (90)	18.75 (65)	2.22 (90)	8.17 (91)	6.55 (93)	6.87 (92)	7.35 (99)		
Difference			2.68	4.59	4.79	6.71	4.56	3.59	4.32		
IM U.S. Small Cap Value Equity (SA+CF) Median			5.55	21.59	6.71	11.22	8.98	8.80	9.43		
Causeway International (CIVIX)	16,098,237	7.4	2.71 (88)	14.59 (42)	7.56 (3)	8.85 (8)	7.12 (10)	4.76 (32)	5.16 (32)	10/01/2013	
MSCI EAFE Index			5.93 (32)	15.90 (25)	5.31 (17)	7.85 (19)	7.22 (10)	5.30 (14)	5.68 (16)		
Difference			-3.22	-1.31	2.25	1.00	-0.10	-0.54	-0.52		
MSCI EAFE Value Index (Net)			4.48 (70)	17.32 (17)	6.59 (6)	6.39 (57)	5.30 (75)	3.49 (81)	4.04 (80)		
Difference			-1.77	-2.73	0.97	2.46	1.82	1.27	1.12		
IM International Core Equity (MF) Median			5.16	13.59	3.42	6.70	5.99	4.44	4.88		

Total Fund Composite (Gross of Fees) includes net performance for mutual funds within the portfolio: Vanguard Index Institutional (VINIX), Causeway International (CIVIX), Cohen & Steers (CSRIX), Blackrock (BKMIX), Loomis Sayles High Yield (LSHIX), Dodge & Cox Income (DODIX), and Aristotle (PLFRX).

Gross of fees performance would be approximately 0.48% higher on an annual basis if these fees were included.

Port of Houston Authority Pension Plan
Asset Allocation & Performance Trailing
As of March 31, 2024

	Allocation		Performance(%)														
	Market Value \$	%	QTR		1 YR		3 YR		5 YR		7 YR		10 YR		Inception	Inception Date	
Cohen & Steers (CSRIX)	9,853,564	4.5	-0.49	(30)	9.51	(29)	3.69	(11)	5.92	(6)	6.81	(4)	7.86	(4)	8.78	(3)	01/01/2012
FTSE NAREIT All Equity REITs			-1.30	(64)	8.02	(54)	2.47	(49)	3.96	(46)	5.42	(29)	6.93	(19)	8.15	(13)	
Difference			0.81		1.49		1.22		1.96		1.39		0.93		0.63		
IM Real Estate Sector (MF) Median			-1.05		8.19		2.41		3.79		4.67		6.14		7.16		
BlackRock Multi-Asset Income (BKMIX)	11,155,917	5.1	2.09	(87)	9.75	(71)	1.76	(59)	N/A		N/A		N/A		6.72	(74)	04/01/2020
50% S&P 500/50% Barclays Agg			4.81	(44)	15.13	(31)	4.54	(24)	7.83	(19)	7.71	(14)	7.38	(8)	9.55	(47)	
Difference			-2.72		-5.38		-2.78		N/A		N/A		N/A		-2.83		
IM Flexible Portfolio (MF) Median			4.38		12.72		2.31		5.33		5.12		4.47		9.24		
MacKay Shields Core Plus	30,774,955	14.2	0.07	(35)	3.41	(53)	-1.72	(48)	1.55	(42)	2.05	(50)	N/A		2.13	(60)	07/01/2014
Blmbg. U.S. Aggregate Index			-0.78	(91)	1.70	(93)	-2.46	(90)	0.36	(100)	1.06	(100)	1.54	(100)	1.37	(100)	
Difference			0.85		1.71		0.74		1.19		0.99		N/A		0.76		
IM U.S. Broad Market Core+ Fixed Income (SA+CF) Median			-0.11		3.46		-1.74		1.49		2.03		2.45		2.24		
Dodge & Cox Income (DODIX)	31,544,609	14.6	-0.32	(54)	4.10	(14)	N/A		N/A		N/A		N/A		7.95	(9)	11/01/2022
Blmbg. U.S. Aggregate Index			-0.78	(81)	1.70	(76)	-2.46	(52)	0.36	(76)	1.06	(67)	1.54	(58)	5.63	(82)	
Difference			0.46		2.40		N/A		N/A		N/A		N/A		2.32		
IM U.S. Broad Market Core+ Fixed Income (MF) Median			-0.29		2.72		-2.36		0.84		1.29		1.66		6.56		
Loomis Sayles High Yield (LSHIX)	10,394,022	4.8	1.65	(45)	9.31	(72)	1.43	(64)	2.80	(85)	3.07	(83)	3.21	(73)	5.59	(14)	01/01/2012
ICE BofA U.S. High Yield Index			1.51	(56)	11.04	(25)	2.21	(35)	4.03	(31)	4.25	(24)	4.36	(12)	5.65	(12)	
Difference			0.14		-1.73		-0.78		-1.23		-1.18		-1.15		-0.06		
IM U.S. High Yield Bonds (MF) Median			1.58		10.22		1.82		3.59		3.70		3.54		4.87		
Aristotle Floating Rate (PLFRX)	10,147,608	4.7	1.94	(82)	11.97	(25)	N/A		N/A		N/A		N/A		6.04	(6)	10/01/2021
Credit Suisse Leveraged Loan Index			2.52	(22)	12.40	(15)	5.82	(9)	5.30	(2)	4.92	(2)	4.56	(1)	5.93	(9)	
Difference			-0.58		-0.43		N/A		N/A		N/A		N/A		0.11		
IM U.S. Bank Loans (MF) Median			2.25		11.26		4.76		4.13		3.80		3.51		4.83		
Cash	65,179	0.0															

Total Fund Composite (Gross of Fees) includes net performance for mutual funds within the portfolio: Vanguard Index Institutional (VINIX), Causeway International (CIVIX), Cohen & Steers (CSRIX), Blackrock (BKMIX), Loomis Sayles High Yield (LSHIX), Dodge & Cox Income (DODIX), and Aristotle (PLFRX).
Gross of fees performance would be approximately 0.48% higher on an annual basis if these fees were included.

Port of Houston Authority Pension Plan
Asset Allocation & Performance Trailing
As of March 31, 2024

Asset Allocation & Performance

	Allocation		Performance(%)							
	Market Value \$	%	YTD	2023	2022	2021	2020	2019		
Total Fund Composite (Gross of Fees)	216,769,983	100.0	4.57	16.89	-14.85	11.51	12.08	18.22		
Policy Index			3.63	13.91	-15.49	11.63	9.04	17.62		
Difference			0.94	2.98	0.64	-0.12	3.04	0.60		
Pension Actuarial Assumption			1.47	6.00	6.00	6.00	6.00	6.00		
Difference			3.10	10.89	-20.85	5.51	6.08	12.22		
Total Fund Composite (Net of Fees)	216,769,983	100.0	4.51	16.63	-15.06	11.21	11.68	17.79		
Fiduciary Management	12,568,502	5.8	8.62 (64)	21.35 (16)	-13.07 (85)	19.07 (95)	11.07 (24)	24.33 (77)		
Russell 1000 Value Index			8.99 (57)	11.46 (69)	-7.54 (69)	25.16 (75)	2.80 (68)	26.54 (58)		
Difference			-0.37	9.89	-5.53	-6.09	8.27	-2.21		
S&P 500 Index			10.56 (32)	26.29 (9)	-18.11 (94)	28.71 (41)	18.40 (9)	31.49 (16)		
Difference			-1.94	-4.94	5.04	-9.64	-7.33	-7.16		
IM U.S. Large Cap Value Equity (SA+CF) Median			9.47	14.36	-5.41	27.87	4.51	27.52		
Vanguard Index Fund Institutional (VINIX)	32,420,231	15.0	10.54 (52)	26.25 (38)	-18.12 (45)	28.67 (26)	18.39 (50)	31.48 (37)		
S&P 500 Index			10.56 (52)	26.29 (37)	-18.11 (45)	28.71 (25)	18.40 (50)	31.49 (36)		
Difference			-0.02	-0.04	-0.01	-0.04	-0.01	-0.01		
IM U.S. Large Cap Core Equity (MF) Median			10.65	24.85	-18.72	26.95	18.39	30.70		
Fidelity Large Cap Growth (FSPGX)	12,007,779	5.5	N/A	N/A	N/A	N/A	N/A	N/A		
Russell 1000 Growth Index			11.41 (67)	42.68 (37)	-29.14 (27)	27.60 (17)	38.49 (34)	36.39 (19)		
Difference			N/A	N/A	N/A	N/A	N/A	N/A		
IM U.S. Large Cap Growth Equity (MF) Median			12.60	40.78	-31.30	22.39	35.62	33.26		
Stephens Mid Cap Growth	17,543,155	8.1	9.38 (44)	26.63 (17)	-27.30 (47)	13.10 (60)	42.40 (37)	33.25 (69)		
Russell Midcap Growth Index			9.50 (41)	25.87 (22)	-26.72 (43)	12.73 (63)	35.59 (54)	35.47 (59)		
Difference			-0.12	0.76	-0.58	0.37	6.81	-2.22		
IM U.S. Mid Cap Growth Equity (SA+CF) Median			8.78	23.42	-27.38	13.84	38.03	36.20		
Barrow Hanley MeWhinney & Strauss	22,186,351	10.2	5.58 (49)	20.58 (31)	-8.83 (35)	20.64 (93)	26.79 (3)	27.54 (23)		
Russell 2000 Value Index			2.90 (90)	14.65 (73)	-14.48 (80)	28.27 (58)	4.63 (52)	22.39 (73)		
Difference			2.68	5.93	5.65	-7.63	22.16	5.15		
IM U.S. Small Cap Value Equity (SA+CF) Median			5.55	17.34	-10.61	30.09	5.18	24.99		
Causeway International (CIVIX)	16,098,237	7.4	2.71 (88)	27.33 (1)	-6.75 (2)	9.07 (71)	5.40 (78)	20.21 (68)		
MSCI EAFE Index			5.93 (32)	18.85 (25)	-14.01 (26)	11.78 (32)	8.28 (48)	22.66 (29)		
Difference			-3.22	8.48	7.26	-2.71	-2.88	-2.45		
MSCI EAFE Value Index (Net)			4.48 (70)	18.95 (24)	-5.58 (2)	10.89 (48)	-2.63 (98)	16.09 (94)		
Difference			-1.77	8.38	-1.17	-1.82	8.03	4.12		
IM International Core Equity (MF) Median			5.16	17.15	-15.18	10.70	8.13	21.40		

Total Fund Composite (Gross of Fees) includes net performance for mutual funds within the portfolio: Vanguard Index Institutional (VINIX), Causeway International (CIVIX), Cohen & Steers (CSRIX), Blackrock (BKMIX), Loomis Sayles High Yield (LSHIX), Dodge & Cox Income (DODIX), and Aristotle (PLFRX).

Gross of fees performance would be approximately 0.48% higher on an annual basis if these fees were included.

Port of Houston Authority Pension Plan
Asset Allocation & Performance Trailing
As of March 31, 2024

	Allocation		Performance(%)									
	Market Value \$	%	YTD	2023	2022	2021	2020	2019				
Cohen & Steers (CSRIX)	9,853,564	4.5	-0.49 (30)	12.72 (38)	-24.72 (20)	42.69 (32)	-2.57 (25)	33.01 (8)				
FTSE NAREIT All Equity REITs			-1.30 (64)	11.36 (64)	-24.95 (24)	41.30 (51)	-5.12 (60)	28.66 (37)				
Difference			0.81	1.36	0.23	1.39	2.55	4.35				
IM Real Estate Sector (MF) Median			-1.05	11.91	-26.17	41.32	-4.31	27.32				
BlackRock Multi-Asset Income (BKMIX)	11,155,917	5.1	2.09 (87)	11.10 (43)	-11.53 (37)	7.20 (73)	N/A	N/A				
50% S&P 500/50% Barclays Agg			4.81 (44)	15.58 (13)	-15.26 (69)	12.80 (35)	13.66 (23)	19.89 (19)				
Difference			-2.72	-4.48	3.73	-5.60	N/A	N/A				
IM Flexible Portfolio (MF) Median			4.38	10.01	-12.97	10.49	7.44	16.51				
MacKay Shields Core Plus	30,774,955	14.2	0.07 (35)	7.35 (36)	-14.07 (88)	-0.12 (48)	10.28 (17)	9.47 (67)				
Blmbg. U.S. Aggregate Index			-0.78 (91)	5.53 (94)	-13.01 (54)	-1.55 (99)	7.51 (85)	8.72 (89)				
Difference			0.85	1.82	-1.06	1.43	2.77	0.75				
IM U.S. Broad Market Core+ Fixed Income (SA+CF) Median			-0.11	6.86	-12.91	-0.23	8.97	9.94				
Dodge & Cox Income (DODIX)	31,544,609	14.6	-0.32 (54)	7.69 (6)	N/A	N/A	N/A	N/A				
Blmbg. U.S. Aggregate Index			-0.78 (81)	5.53 (80)	-13.01 (29)	-1.55 (74)	7.51 (73)	8.72 (65)				
Difference			0.46	2.16	N/A	N/A	N/A	N/A				
IM U.S. Broad Market Core+ Fixed Income (MF) Median			-0.29	6.29	-13.73	-0.94	8.58	9.33				
Loomis Sayles High Yield (LSHIX)	10,394,022	4.8	1.65 (45)	9.98 (92)	-11.66 (71)	8.25 (7)	3.47 (84)	10.53 (91)				
ICE BofA U.S. High Yield Index			1.51 (56)	13.46 (14)	-11.22 (59)	5.36 (40)	6.17 (34)	14.41 (36)				
Difference			0.14	-3.48	-0.44	2.89	-2.70	-3.88				
IM U.S. High Yield Bonds (MF) Median			1.58	12.17	-10.97	4.94	5.43	13.83				
Aristotle Floating Rate (PLFRX)	10,147,608	4.7	1.94 (82)	13.79 (7)	-0.86 (16)	N/A	N/A	N/A				
Credit Suisse Leveraged Loan Index			2.52 (22)	13.04 (18)	-1.06 (20)	5.40 (20)	2.78 (12)	8.17 (37)				
Difference			-0.58	0.75	0.20	N/A	N/A	N/A				
IM U.S. Bank Loans (MF) Median			2.25	11.89	-2.22	4.39	1.42	7.62				
Cash	65,179	0.0										

Total Fund Composite (Gross of Fees) includes net performance for mutual funds within the portfolio: Vanguard Index Institutional (VINIX), Causeway International (CIVIX), Cohen & Steers (CSRIX), Blackrock (BKMIX), Loomis Sayles High Yield (LSHIX), Dodge & Cox Income (DODIX), and Aristotle (PLFRX).
Gross of fees performance would be approximately 0.48% higher on an annual basis if these fees were included.

Fiduciary Management

As of March 31, 2024

Fiduciary's objective is to buy durable business at value prices in order to achieve top in class investment results over a three to five year time horizon. Fiduciary considers themselves long-term investors, not traders. They will typically hold between 20-30 companies in their portfolio with an average turnover of 35%. The research process is geared toward finding six new investment ideas for the portfolio in a given year. All investment ideas are generated by a research team, rather than relying on a single portfolio manager. As of March 31, 2024, Fiduciary had a market value of \$12,568,502.

Fiduciary Management		Russell 1000 Value Index	
	Weight %		Weight %
Ferguson PLC	5.6	Berkshire Hathaway Inc	3.5
Schwab (Charles) Corp	5.2	JPMorgan Chase & Co	2.6
Alphabet Inc	5.1	Exxon Mobil Corp	2.1
Berkshire Hathaway Inc	5.0	Johnson & Johnson	1.7
Masco Corporation	4.5	Procter & Gamble Co (The)	1.4
Avery Dennison Corp	4.4	Merck & Co Inc	1.3
CarMax Inc	4.1	Chevron Corp	1.2
Booking Holdings Inc	4.1	Bank of America Corp	1.2
Carlisle Cos Inc	4.0	Walmart Inc	1.2
Micron Technology Inc.	3.9	Walt Disney Co (The)	1.0

Equity Assets Exposures by Sector

	Fiduciary Management	Russell 1000 Value Index
Cash	4.20	0.00
Communication Services	7.85	4.60
Consumer Discretionary	13.28	5.01
Consumer Staples	11.75	7.68
Energy	1.65	8.05
Financials	20.24	22.65
Health Care	11.40	14.25
Industrials	18.88	14.29
Information Technology	6.38	9.40
Materials	4.37	4.79
Real Estate	0.00	4.61
Utilities	0.00	4.67

Equity Characteristics

	Fiduciary Management	Russell 1000 Value Index
Wtd. Avg. Mkt. Cap (\$)	206,242,770,628	158,797,933,993
Price/Earnings ratio	20.8	18.8
Price/Book ratio	3.6	2.6
Current Yield	1.3	2.2
Number of Stocks	31	845

Fund Information

Fund Name :	Vanguard Institutional Index Fund: Vanguard Institutional Index Fund; Institutional Shares	Portfolio Assets :	\$283,245 Million
Fund Family :	Vanguard	Portfolio Manager :	Louie/Birkett
Ticker :	VINIX	PM Tenure :	2017--2023
Inception Date :	07/31/1990	Fund Style :	IM S&P 500 Index (MF)
Fund Assets :	\$119,463 Million	Style Benchmark :	S&P 500 Index
Portfolio Turnover :	3%		

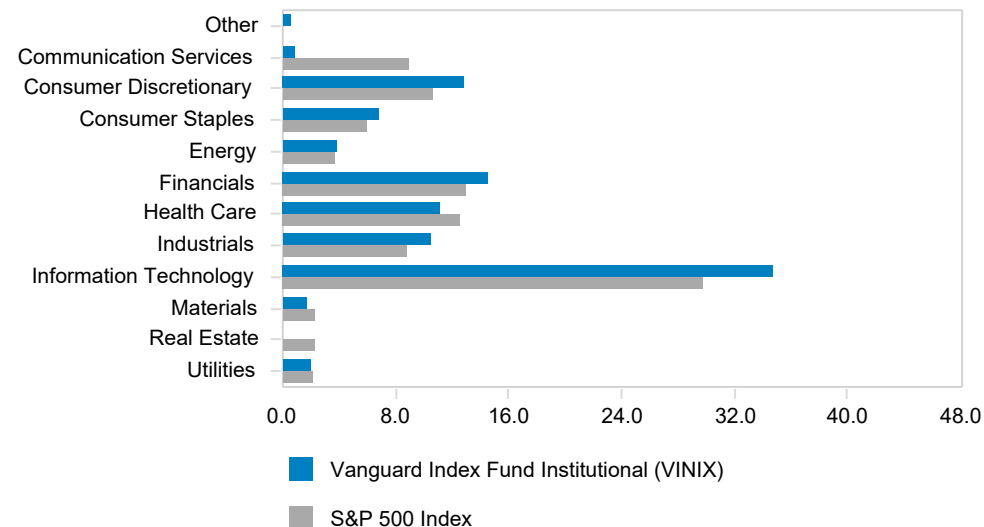
Portfolio Characteristics As of 02/29/2024

	Portfolio	Benchmark
Total Securities	505	503
Avg. Market Cap	757,310,922,314	783,674,150,317
Price/Earnings (P/E)	33.51	25.04
Price/Book (P/B)	10.37	4.60
Dividend Yield	1.77	1.44
Annual EPS	21.23	9.82
5 Yr EPS	15.17	14.94
3 Yr EPS Growth	24.15	N/A
Beta (5 Years, Monthly)	1.00	1.00

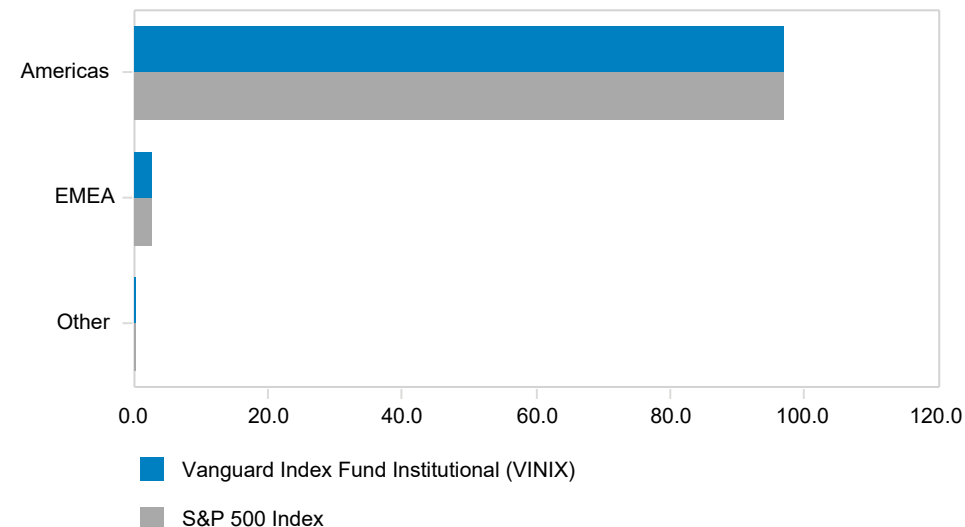
Top Ten Securities As of 02/29/2024

Microsoft Corp ORD	7.2 %
Apple Inc ORD	6.2 %
NVIDIA Corp ORD	4.6 %
Amazon.com Inc ORD	3.7 %
Meta Platforms Inc ORD	2.5 %
Alphabet Inc Class A ORD	1.9 %
Berkshire Hathaway Inc ORD	1.7 %
Alphabet Inc Class C ORD	1.6 %
Eli Lilly and Co ORD	1.4 %
Broadcom Inc ORD	1.3 %

Sector Weights As of 02/29/2024



Region (%)



Statistics provided by Lipper. Most recent available data shown.

Fund Information

Fund Name : Fidelity Salem Street Trust: Fidelity Large Cap Growth Index Fund
 Fund Family : Fidelity Investments
 Ticker : FSPGX
 Inception Date : 06/07/2016
 Fund Assets : \$22,734 Million
 Portfolio Turnover : 12%

Portfolio Assets : \$23,561 Million
 Portfolio Manager : Team Managed
 PM Tenure :
 Fund Style : IM U.S. Large Cap Growth Equity (MF)
 Style Benchmark : Russell 1000 Growth Index

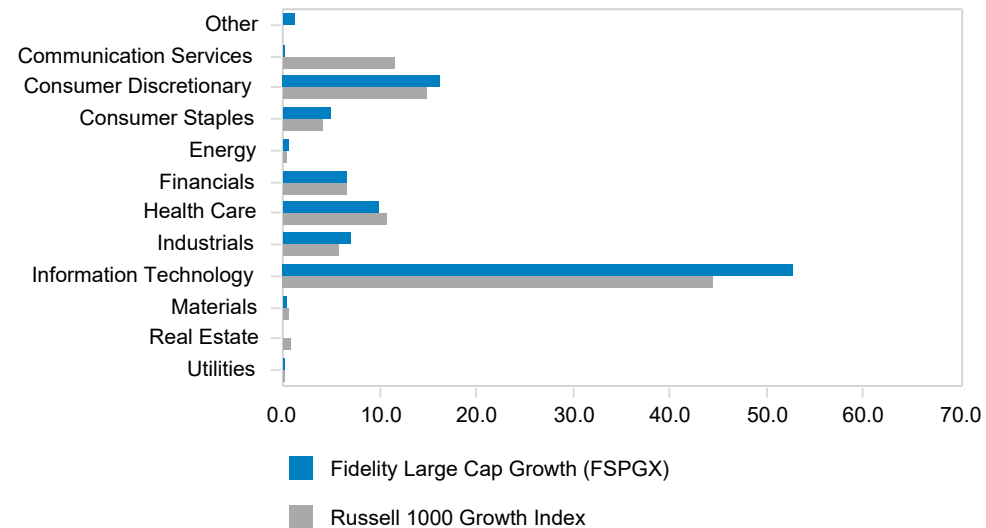
Portfolio Characteristics As of 01/31/2024

	Portfolio	Benchmark
Total Securities	448	443
Avg. Market Cap	-	1,113,169,545,579
Price/Earnings (P/E)	39.26	34.13
Price/Book (P/B)	14.80	11.32
Dividend Yield	1.06	0.73
Annual EPS	-0.18	8.41
5 Yr EPS	19.69	19.13
3 Yr EPS Growth	22.91	N/A
Beta	N/A	1.00

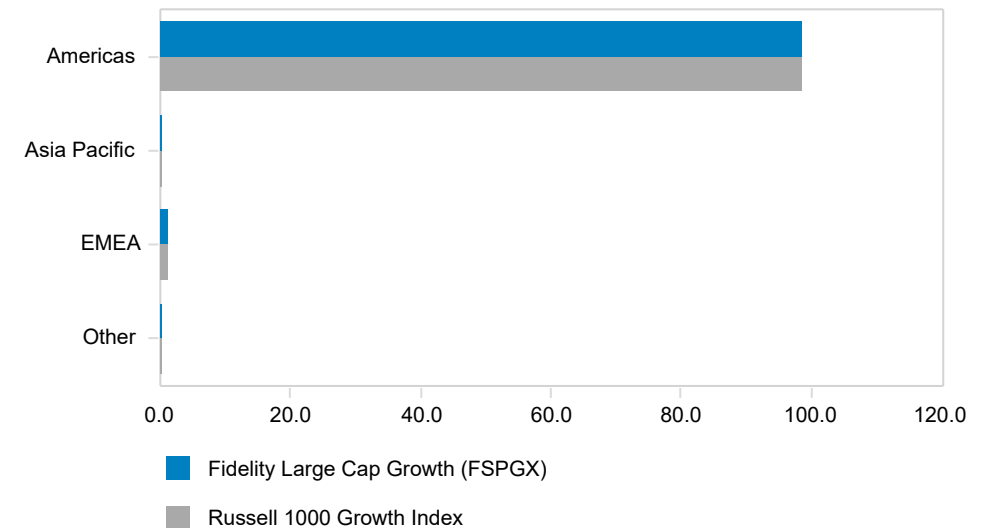
Top Ten Securities As of 01/31/2024

Microsoft Corp ORD	12.2 %
Apple Inc ORD	11.2 %
NVIDIA Corp ORD	6.0 %
Amazon.com Inc ORD	5.7 %
Meta Platforms Inc ORD	3.5 %
Alphabet Inc Class A ORD	3.4 %
Alphabet Inc Class C ORD	2.9 %
Eli Lilly and Co ORD	2.2 %
Tesla Inc ORD	2.1 %
Broadcom Inc ORD	2.1 %

Sector Weights As of 01/31/2024



Region (%)



Statistics provided by Lipper. Most recent available data shown.

Stephens Mid Cap Growth

As of March 31, 2024

The Stephens Mid Cap Growth portfolio is a diversified portfolio that seeks long term growth of capital by investing primarily in common stock of U.S. companies with market capitalizations of between \$1.5 billion to \$12.5 billion. They select mid cap growth companies that are established growth companies that have achieved above average growth. The combination of core growth and catalyst growth stocks positions the portfolio for varying market conditions. As of March 31, 2024, Stephens had a market value of \$17,543,155.

Stephens Mid Cap Growth		Russell Midcap Growth Index	
	Weight %		Weight %
Icon PLC	2.5	CrowdStrike Holdings Inc	2.0
Cadence Design Systems Inc	2.2	Apollo Global Management Inc	1.7
Copart Inc	2.0	DexCom Inc	1.6
Spotify Technology SA	2.0	Cintas Corp	1.6
Manhattan Associates Inc	2.0	Copart Inc	1.5
Tradeweb Markets Inc	1.9	Ross Stores Inc	1.3
DexCom Inc	1.8	Grainger (W.W.) Inc	1.3
Burlington Stores Inc	1.7	IDEXX Laboratories Inc	1.3
Celsius Holdings Inc	1.7	Palantir Technologies Inc	1.3
Axon Enterprise Inc	1.7	Ameriprise Financial Inc	1.3

Equity Assets Exposures by Sector

	Stephens Mid Cap Growth	Russell Midcap Growth Index
Cash	3.44	0.00
Communication Services	7.36	4.22
Consumer Discretionary	12.42	13.88
Consumer Staples	3.62	2.79
Energy	5.55	3.75
Financials	7.95	11.06
Health Care	15.42	18.32
Industrials	14.24	20.09
Information Technology	28.89	22.40
Materials	0.00	1.33
Real Estate	1.10	1.71
Utilities	0.00	0.43

Equity Characteristics

	Stephens Mid Cap Growth	Russell Midcap Growth Index
Wtd. Avg. Mkt. Cap (\$)	27,109,023,103	31,496,682,628
Price/Earnings ratio	38.8	29.0
Price/Book ratio	5.5	8.6
Current Yield	0.4	0.7
Number of Stocks	93	330

The strategy is designed to exploit inefficiencies in the small cap sector of the market by carefully employing high value-added proprietary research in a universe of small capitalization, low-expectation stocks. This process is directed toward the discovery of companies in which the value of the underlying business is significantly greater than the market price. The portfolio's goal is to consistently generate superior returns while assuming below average levels of risk. As of March 31, 2024, Barrow, Hanley, MeWhinney & Strauss had a market value of \$22,186,351.

Barrow Hanley MeWhinney & Strauss		Russell 2000 Value Index	
	Weight %		Weight %
Coherent Corp	4.9	Chord Energy Corp	0.6
Enerpac Tool Group Corp	4.1	Centennial Resource Dev	0.5
Greenbrier Cos Inc (The)	3.9	Commercial Metals Co	0.5
Kaiser Aluminum Corp	3.4	Murphy Oil Corp	0.5
OFG Bancorp	3.3	SouthState Corporation	0.5
Kirby Corp	3.2	Taylor Morrison Home Corporation	0.5
Cabot Corp	3.2	Meritage Homes Corp	0.5
Texas Capital Bancshares Inc	3.2	PBF Energy Inc	0.5
ATI Inc	3.2	UFP Industries Inc	0.5
Triumph Financial Inc	3.2	Essent Group Ltd	0.5

Equity Assets Exposures by Sector

	Barrow Hanley MeWhinney & Strauss	Russell 2000 Value Index
Cash	1.45	0.00
Communication Services	0.00	2.34
Consumer Discretionary	9.17	11.03
Consumer Staples	6.53	2.24
Energy	2.78	10.10
Financials	16.95	25.77
Health Care	0.73	9.34
Industrials	32.83	14.86
Information Technology	16.21	5.91
Materials	13.36	4.99
Real Estate	0.00	9.69
Utilities	0.00	3.73

Equity Characteristics

	Barrow Hanley MeWhinney & Strauss	Russell 2000 Value Index
Wtd. Avg. Mkt. Cap (\$)	3,241,341,941	2,966,908,704
Price/Earnings ratio	15.8	12.7
Price/Book ratio	2.1	1.7
Current Yield	0.8	2.2
Number of Stocks	38	1,419

Fund Information

Fund Name : Causeway Capital Management Trust: Causeway International Value Fund; Institutional Class Shares

Fund Family : Causeway

Ticker : CIVIX

Inception Date : 10/26/2001

Fund Assets : \$7,360 Million

Portfolio Turnover : 54%

Portfolio Assets : \$7,762 Million

Portfolio Manager : Team Managed

PM Tenure :

Fund Style : IM International Large Cap Value Equity (MF)

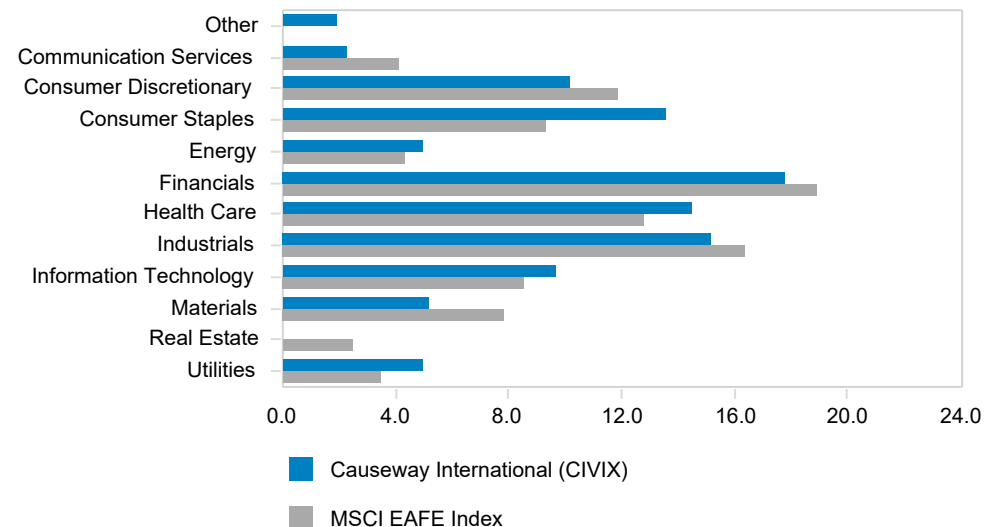
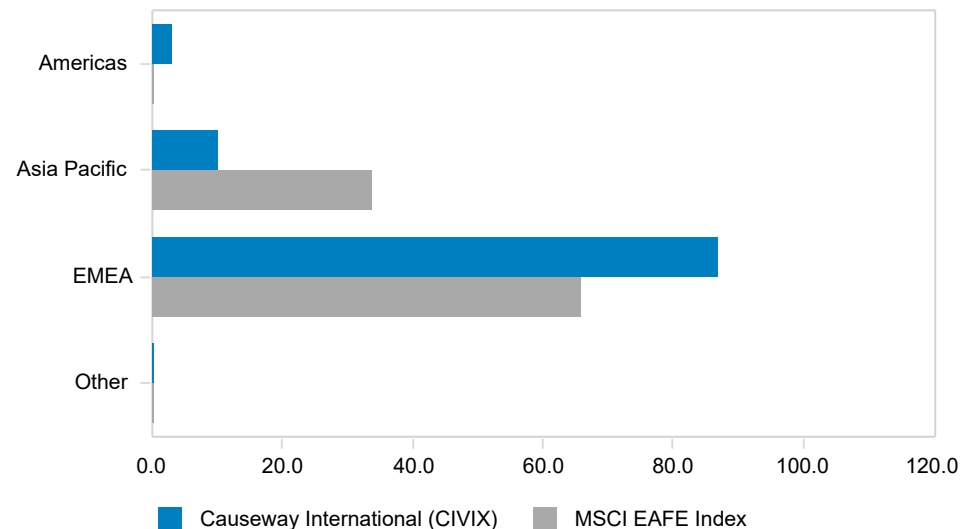
Style Benchmark : MSCI EAFE Index

Portfolio Characteristics As of 12/31/2023

	Portfolio	Benchmark
Total Securities	79	783
Avg. Market Cap	86,694,265,160	88,484,823,287
Price/Earnings (P/E)	19.06	13.67
Price/Book (P/B)	2.90	2.59
Dividend Yield	3.19	3.21
Annual EPS	18.45	139.37
5 Yr EPS	7.98	9.86
3 Yr EPS Growth	15.17	N/A
Beta (5 Years, Monthly)	1.23	1.00

Top Ten Securities As of 12/31/2023

Rolls-Royce Holdings PLC ORD	4.5 %
Samsung Electronics Co Ltd ORD	4.5 %
Roche Holding AG	2.8 %
Reckitt Benckiser Group PLC ORD	2.8 %
BP PLC ORD	2.6 %
Enel SpA ORD	2.6 %
Barclays PLC ORD	2.6 %
Prudential PLC ORD	2.4 %
Shell PLC ORD	2.3 %
Akzo Nobel NV ORD	2.3 %

Sector Weights As of 12/31/2023**Region (%)**

Statistics provided by Lipper. Most recent available data shown.

Fund Information

Fund Name : Cohen & Steers Institutional Realty Shares, Inc
Fund Family : Cohen & Steers
Ticker : CSRIX
Inception Date : 02/14/2000
Fund Assets : \$6,467 Million
Portfolio Turnover : 32%

Portfolio Assets : \$6,467 Million
Portfolio Manager : Cheigh/Yablon/Kirschner
PM Tenure : 2007--2013--2020
Fund Style : IM Real Estate Sector (MF)
Style Benchmark : FTSE NAREIT All Equity REITs

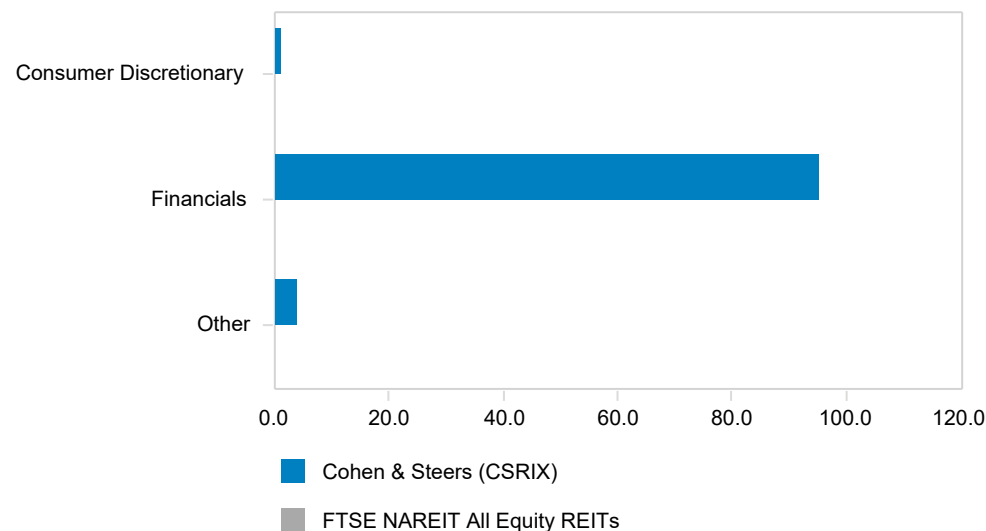
Portfolio Characteristics As of 12/31/2023

	Portfolio	Benchmark
Total Securities	35	N/A
Avg. Market Cap	46,406,635,264	-
Price/Earnings (P/E)	42.60	N/A
Price/Book (P/B)	6.50	N/A
Dividend Yield	3.68	N/A
Annual EPS	9.97	N/A
5 Yr EPS	11.97	N/A
3 Yr EPS Growth	5.57	N/A
Beta (5 Years, Monthly)	0.98	1.00

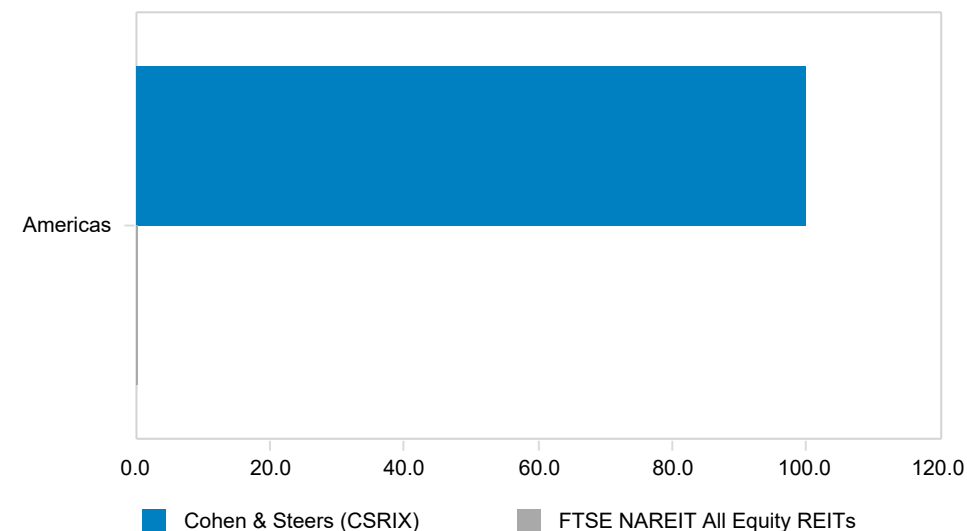
Top Ten Securities As of 12/31/2023

American Tower Corp ORD	9.5 %
Prologis Inc ORD	8.5 %
Welltower Inc ORD	7.8 %
Simon Property Group Inc ORD	6.9 %
Digital Realty Trust Inc ORD	6.9 %
Realty Income Corp ORD	5.7 %
Invitation Homes Inc ORD	4.8 %
Crown Castle Inc ORD	4.2 %
Sun Communities Inc ORD	4.1 %
Iron Mountain Inc ORD	3.9 %

Sector Weights As of 12/31/2023



Region (%)



Statistics provided by Lipper. Most recent available data shown.

Fund Information

Fund Name :	BlackRock Funds II: BlackRock Multi-Asset Income Portfolio; Class K Shares	Portfolio Assets :	\$11,199 Million
Fund Family :	BlackRock	Portfolio Manager :	Christofel/Shingler
Ticker :	BKMIX	PM Tenure :	2017--2017
Inception Date :	02/03/2017	Fund Style :	IM Flexible Portfolio (MF)
Fund Assets :	\$663 Million	Style Benchmark :	S&P 500 Index
Portfolio Turnover :	56%		

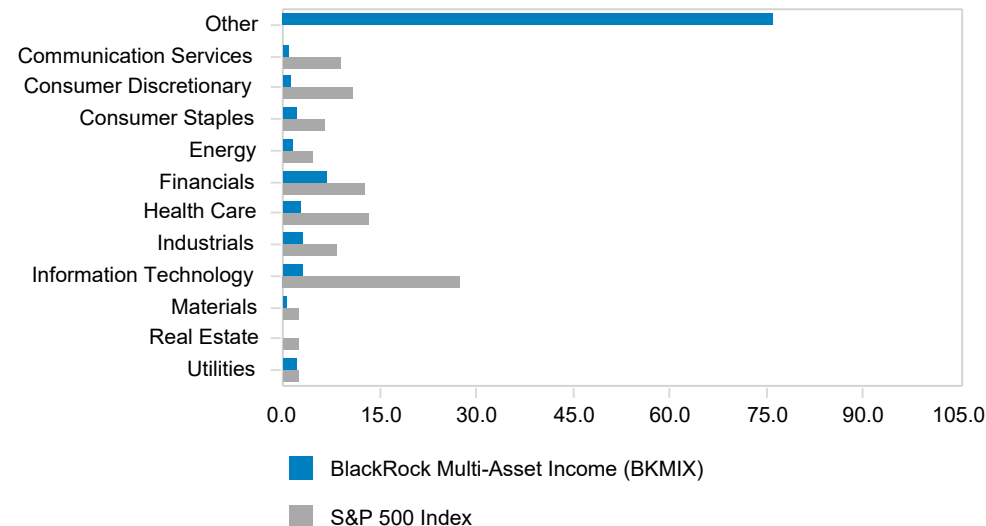
Portfolio Characteristics As of 09/30/2023

	Portfolio	Benchmark
Total Securities	4,093	503
Avg. Market Cap	131,022,557,049	622,871,009,324
Price/Earnings (P/E)	21.80	21.85
Price/Book (P/B)	4.07	4.27
Dividend Yield	3.60	1.65
Annual EPS	13.16	7.74
5 Yr EPS	10.31	18.25
3 Yr EPS Growth	10.61	N/A
Beta (3 Years, Monthly)	0.47	1.00

Top Ten Securities As of 02/29/2024

BlackRock Liquidity T-Fund;Institutional	4.5 %
iShares Core Dividend Growth ETF	2.4 %
iShares iBoxx \$ High Yield Corporate	2.1 %
Taiwan Semiconductor Manufacturing	0.6 %
Microsoft Corp ORD	0.4 %
Sanofi SA ORD	0.3 %
Novo Nordisk A/S ORD	0.3 %
Shell PLC ORD	0.3 %
AstraZeneca PLC ORD	0.3 %
LVMH Moet Hennessy Louis Vuitton	0.2 %

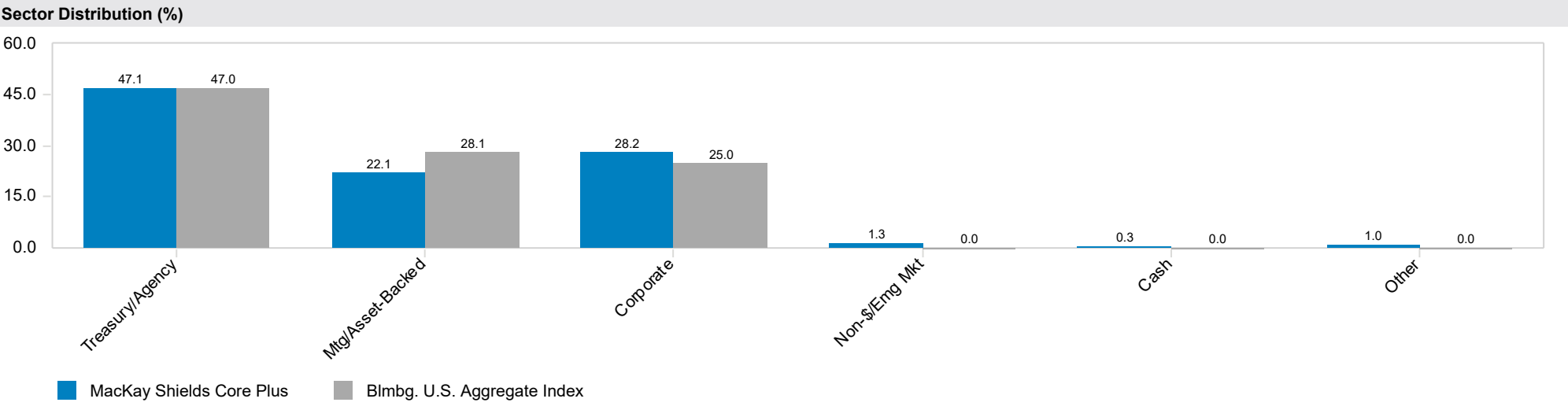
Sector Weights As of 09/30/2023



Region (%)

No data found.

MacKay Shields Core Plus seeks to outperform the benchmark by eliminating or reducing uncompensated risk while opportunistically allocating investments across a range of core and off-benchmark sectors. The fund typically invests in the same sectors represented by the Barclays U.S. Aggregate Bond Index, as well as high yield, emerging market debt, and non-US Dollar exposure. Their philosophy is centered on their pursuit of consistent, superior rates of return with low volatility. Their goal for the product is to provide enhanced returns over a full market cycle with lower-than market risk. As of March 31, 2024, Mackay Shields had a market value of \$30,774,955.



Portfolio Characteristics		
	Portfolio	Benchmark
Avg. Maturity	8.82	8.44
Avg. Quality	A+	AA2/AA3
Coupon Rate (%)	4.27	3.20
Modified Duration	6.39	N/A
Yield To Maturity (%)	5.72	4.85
Holdings Count	235	N/A

Fund Information

Fund Name : Dodge & Cox Funds: Dodge & Cox Income Fund; Class I Shares
Fund Family : Dodge & Cox Funds
Ticker : DODIX
Inception Date : 01/03/1989
Fund Assets : \$62,513 Million
Portfolio Turnover : 118%

Portfolio Assets : \$73,130 Million
Portfolio Manager : Team Managed
PM Tenure :
Fund Style : IM U.S. Broad Market Core Fixed Income (MF)
Style Benchmark : Bloomberg U.S. Aggregate

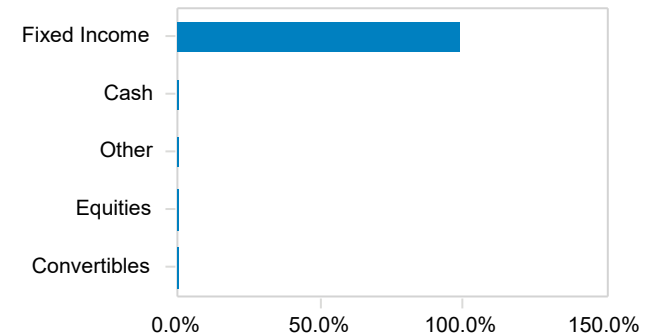
Fund Characteristics As of 12/31/2023

Avg. Coupon 4.41 %
Nominal Maturity N/A
Effective Maturity 10.30 Years
Duration 6.00 Years
SEC 30 Day Yield N/A
Avg. Credit Quality AA

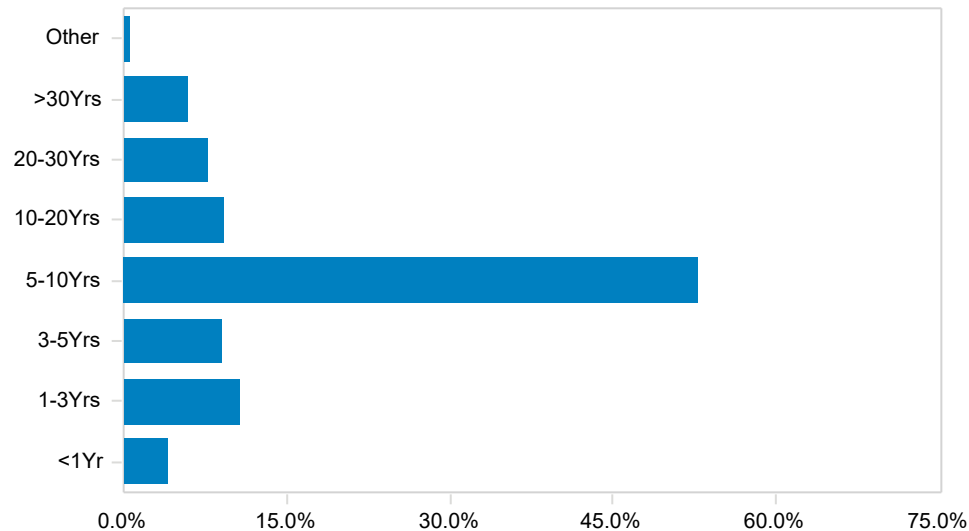
Top Ten Securities As of 12/31/2023

GNMA and Other Mtg Backed 41.4 %
Corporate Notes/Bonds 35.3 %
Treasury Notes/Bonds 12.2 %
Asset Backed Securities 5.4 %
Government Agency Securities 4.5 %

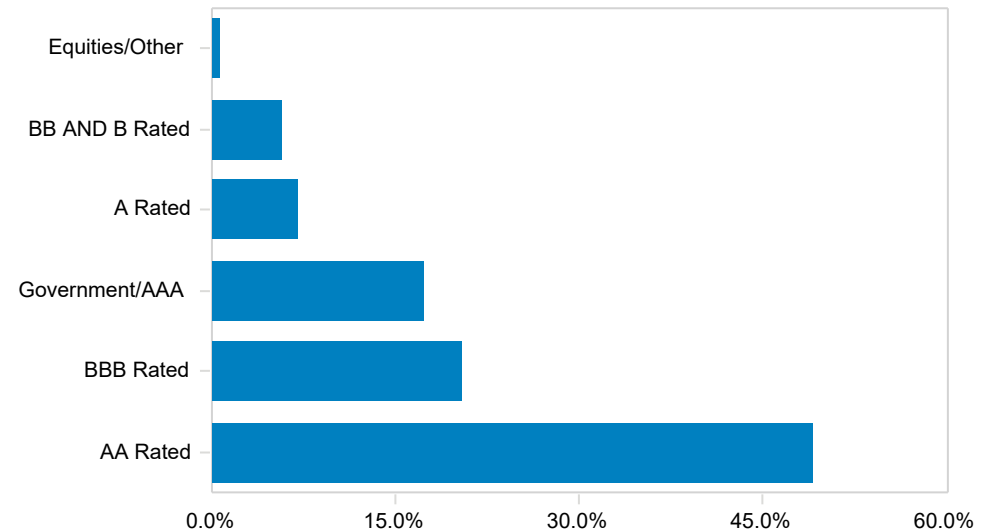
Asset Allocation As of 12/31/2023



Maturity Distribution As of 12/31/2023



Sector/Quality Allocation As of 12/31/2023



Fund Information

Fund Name :	Loomis Sayles Funds I: Loomis Sayles Institutional High Income Fund; Institutional Class	Portfolio Assets :	\$332 Million
Fund Family :	Loomis Sayles	Portfolio Manager :	Team Managed
Ticker :	LSHIX	PM Tenure :	
Inception Date :	06/05/1996	Fund Style :	IM U.S. High Yield Bonds (MF)
Fund Assets :	\$332 Million	Style Benchmark :	FTSE High Yield Market Index
Portfolio Turnover :	64%		

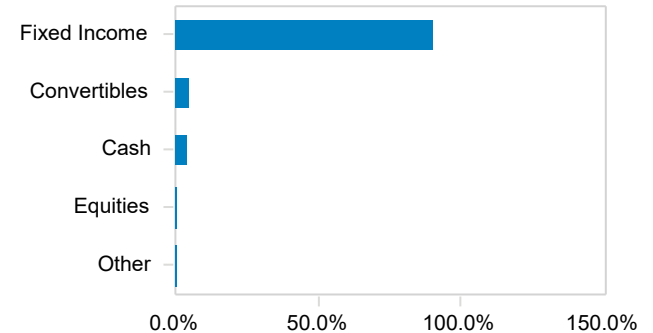
Fund Characteristics As of 12/31/2023

Avg. Coupon	N/A
Nominal Maturity	5.66 Years
Effective Maturity	N/A
Duration	3.19 Years
SEC 30 Day Yield	5.5
Avg. Credit Quality	BB

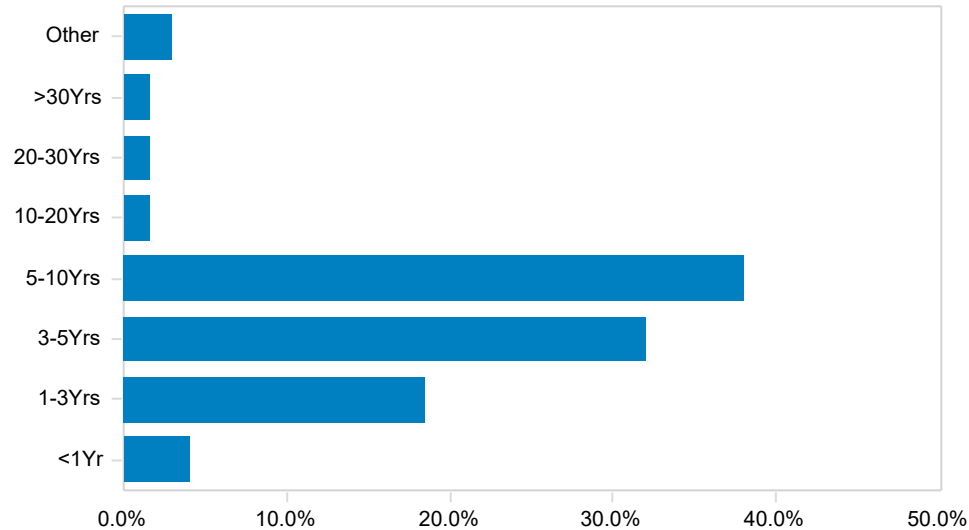
Top Ten Securities As of 12/31/2023

Corporate Notes/Bonds	78.4 %
Fgn. Currency Denominated Bonds	7.0 %
Convertible Securities	4.8 %
Asset Backed Securities	3.8 %
Preferred Stock-Non Convertible	1.0 %
Common Stock	0.9 %

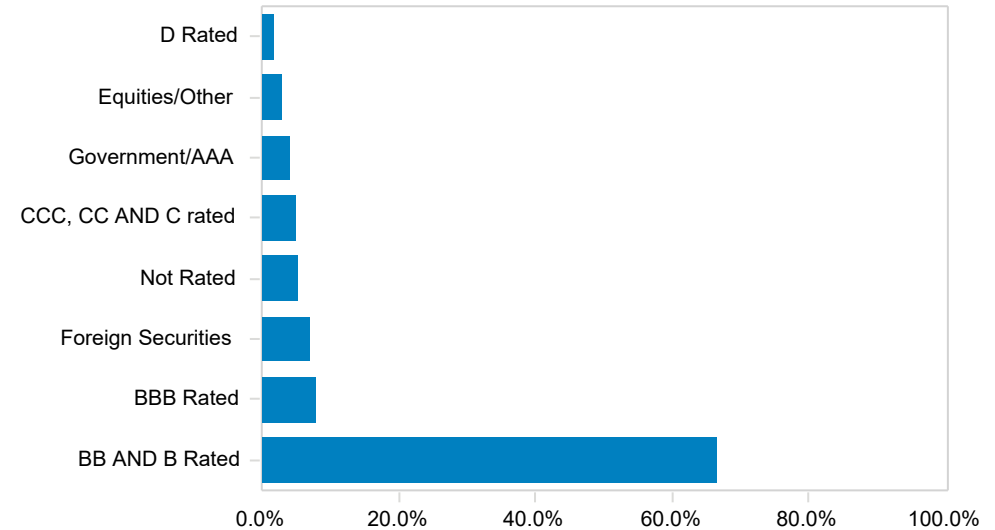
Asset Allocation As of 12/31/2023



Maturity Distribution As of 12/31/2023



Sector/Quality Allocation As of 12/31/2023



Fund Information

Fund Name :	Aristotle Funds Series Trust: Aristotle Floating Rate Income Fund; Class I Shares	Portfolio Assets :	\$3,951 Million
Fund Family :	Aristotle Funds	Portfolio Manager :	Marzouk/Leasure
Ticker :	PLFRX	PM Tenure :	2011--2011
Inception Date :	06/30/2011	Fund Style :	IM U.S. Bank Loans (MF)
Fund Assets :	\$1,634 Million	Style Benchmark :	Morningstar LSTA US Leveraged Loan Index
Portfolio Turnover :	66%		

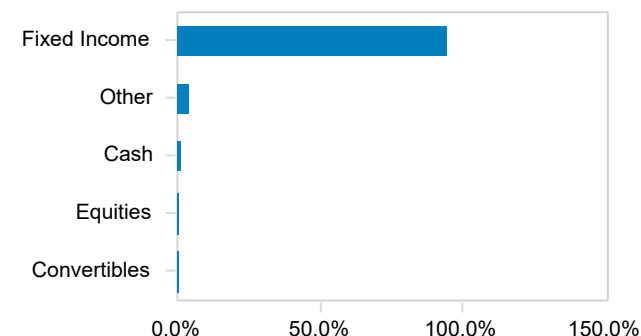
Fund Characteristics As of 09/30/2023

Avg. Coupon	N/A
Nominal Maturity	N/A
Effective Maturity	3.86 Years
Duration	0.36 Years
SEC 30 Day Yield	N/A
Avg. Credit Quality	B

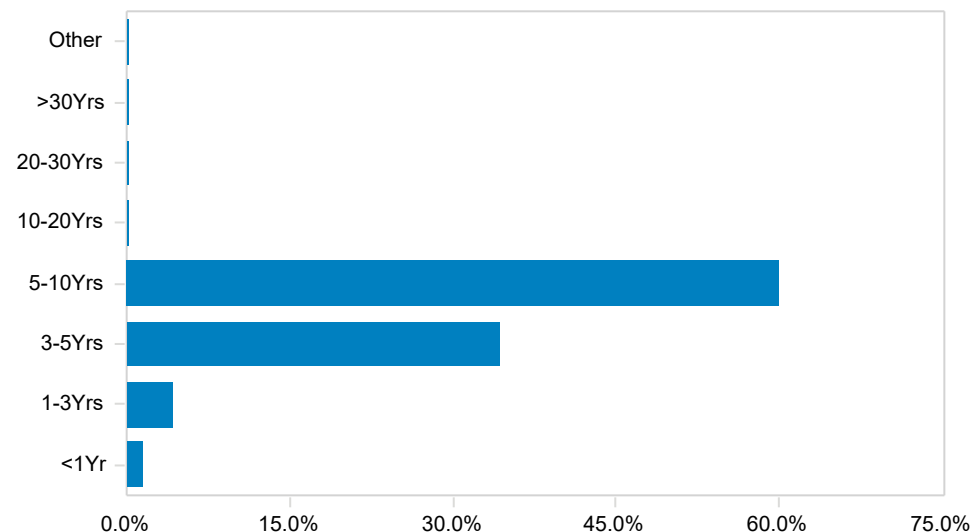
Top Ten Securities As of 09/30/2023

Corporate Notes/Bonds	94.2 %
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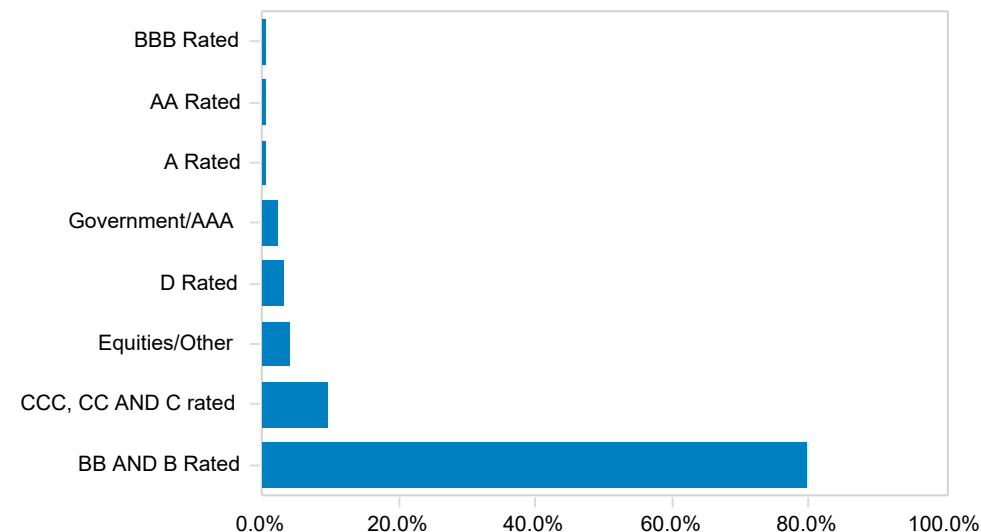
Asset Allocation As of 09/30/2023



Maturity Distribution As of 06/30/2019



Sector/Quality Allocation As of 09/30/2023



Port of Houston Authority Pension Plan
Manager Status Summary
As of March 31, 2024

Manager	Mandate	Status	Notes
Fiduciary Management	Large Cap Value Equity	In Compliance	
Vanguard Index Institutional (VINIX)	Large Cap Core Equity	In Compliance	
Fidelity Large Cap Growth (FSPGX)	Large Cap Growth Equity	In Compliance	
Stephens Mid Cap Growth	Mid Cap Growth Equity	In Compliance	
Barrow Hanley MeWhinney & Strauss	Small Cap Value Equity	In Compliance	Jim McClure announced retirement-2025
Causeway International (CIVIX)	International Equity	In Compliance	
Cohen & Steers (CSRIX)	Real Estate and Investment Trust	In Compliance	
BlackRock Multi-Asset (BKMIX)	GTAA	In Compliance	
Mackay Shields Core Plus	Core Plus Fixed Income	In Compliance	
Dodge & Cox Income (DODIX)	Core Plus Fixed Income	In Compliance	
Loomis Sayles High Yield (LSHIX)	High Yield Fixed Income	In Compliance	
Aristotle Floating Rate (PLFRX)	Bank Loans	In Compliance	

In Compliance- The portfolio is acting in full compliance with its guidelines and it is performing according to expectations.

On Alert- Concerns exist with the portfolio's performance, a change in investment characteristics, management style, ownership structure, staff or other related events.

On Notice- A continued and serious problem with any of the issues mentioned above. If the situation is not resolved to Port Commission's satisfaction, a replacement will be hired.

Port of Houston Authority Pension Plan
Fee Analysis
As of March 31, 2024

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Total Fund Composite	0.48	216,769,983	1,032,975	
Total Equity	0.49	122,687,694	597,322	
Total Domestic Equity	0.39	96,735,892	381,756	
Fiduciary Management	0.55	12,568,502	69,127	0.55 % of Assets
Vanguard Index Fund Institutional (VINIX)	0.04	32,420,231	12,968	0.04 % of Assets
Fidelity Large Cap Growth (FSPGX)	0.03	12,007,779	3,602	0.03 % of Assets
Stephens Mid Cap Growth	0.77	17,543,155	135,082	0.77 % of Assets
Barrow Hanley MeWhinney & Strauss	0.73	22,186,351	160,932	1.00 % of First \$10 M 0.50 % of Next \$190 M 0.40 % of Next \$200 M 0.30 % Thereafter
Total International Equity	0.88	16,098,237	141,664	
Causeway International (CIVIX)	0.88	16,098,237	141,664	0.88 % of Assets
Total Real Estate-REITS	0.75	9,853,564	73,902	
Cohen & Steers (CSRIX)	0.75	9,853,564	73,902	0.75 % of Assets
Total GTAA	0.51	11,155,917	56,895	
BlackRock Multi-Asset Income (BKMIX)	0.51	11,155,917	56,895	0.51 % of Assets
Total Fixed Income	0.46	82,861,194	378,758	
Core Fixed Income	0.38	62,319,564	237,045	
MacKay Shields Core Plus	0.35	30,774,955	107,712	0.35 % of Assets
Dodge & Cox Income (DODIX)	0.41	31,544,609	129,333	0.41 % of Assets
Total High Yield Fixed Income	0.68	10,394,022	70,679	
Loomis Sayles High Yield (LSHIX)	0.68	10,394,022	70,679	0.68 % of Assets
Bank Loans	0.70	10,147,608	71,033	
Aristotle Floating Rate (PLFRX)	0.70	10,147,608	71,033	0.70 % of Assets

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.

Port of Houston Authority Pension Plan
Fee Summary
As of March 31, 2024

Structure	Mandate	Expense Ratio	Category Average	Difference	Annual Savings
Fiduciary Management	Large Cap Value Equity	0.55%	0.79%	0.24%	\$30,164
Vanguard Index Institutional (VINIX)	Large Cap Core Equity	0.04%	0.79%	0.75%	\$243,152
Fidelity Large Cap Growth (FSPGX)	Large Cap Growth Equity	0.03%	0.79%	0.76%	\$91,259
Stephens Mid Cap Growth	Mid Cap Growth Equity	0.77%	1.04%	0.27%	\$47,367
Barrow Hanley MeWhinney & Strauss	Small Cap Value Equity	0.76%	1.04%	0.28%	\$62,122
Causeway International (CIVIX)	International Equity	0.88%	0.91%	0.03%	\$4,829
Cohen & Steers (CSRIX)	Real Estate and Investment Trust	0.75%	0.92%	0.17%	\$16,751
BlackRock Multi-Asset (BKMIX)	GTAA	0.52%	0.85%	0.33%	\$36,815
Mackay Shields Core Plus	Core Plus Fixed Income	0.35%	0.56%	0.21%	\$64,627
Dodge & Cox Income (DODIX)	Core Plus Fixed Income	0.41%	0.56%	0.15%	\$47,317
Loomis Sayles High Yield (LSHIX)	High Yield Fixed Income	0.68%	0.77%	0.09%	\$9,355
Aristotle Floating Rate (PLFRX)	Bank Loans	0.70%	0.86%	0.16%	\$16,236
Total Management Fees		0.48%	0.79%	0.31%	\$669,994

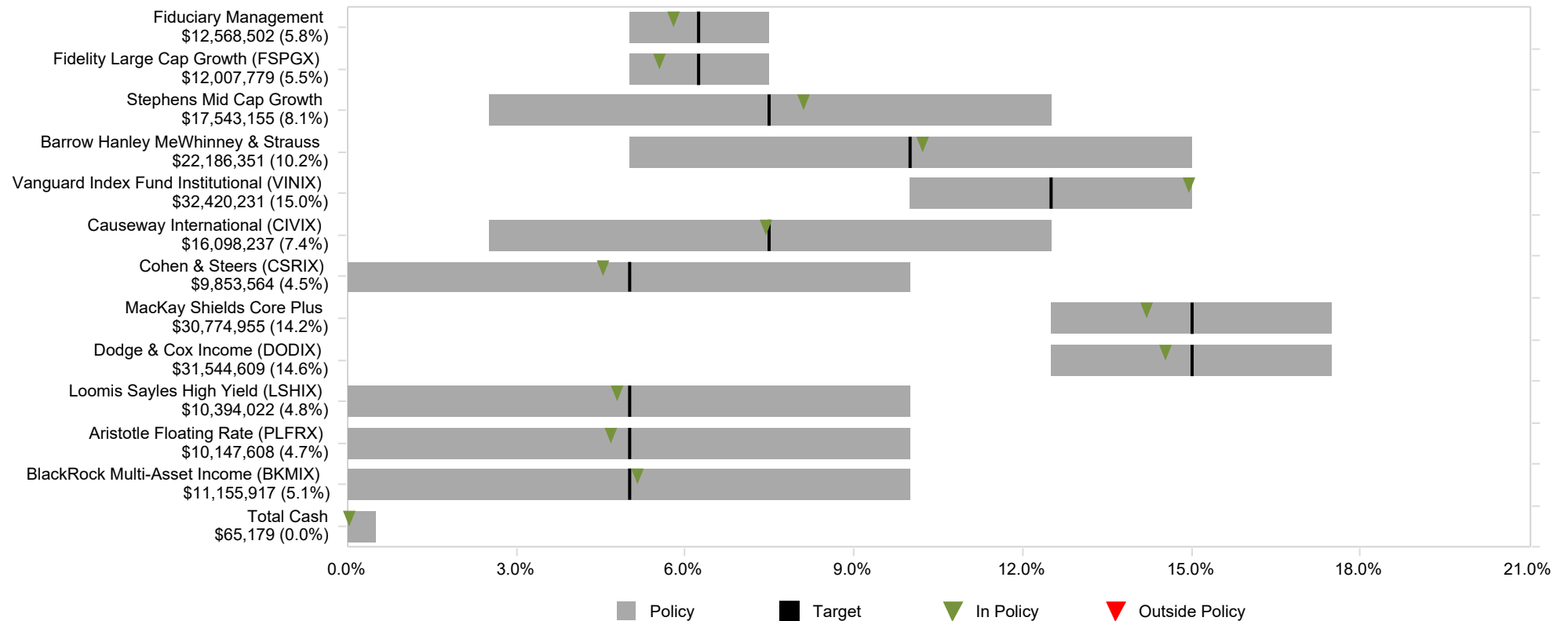
Source: Morningstar and Investment Managers

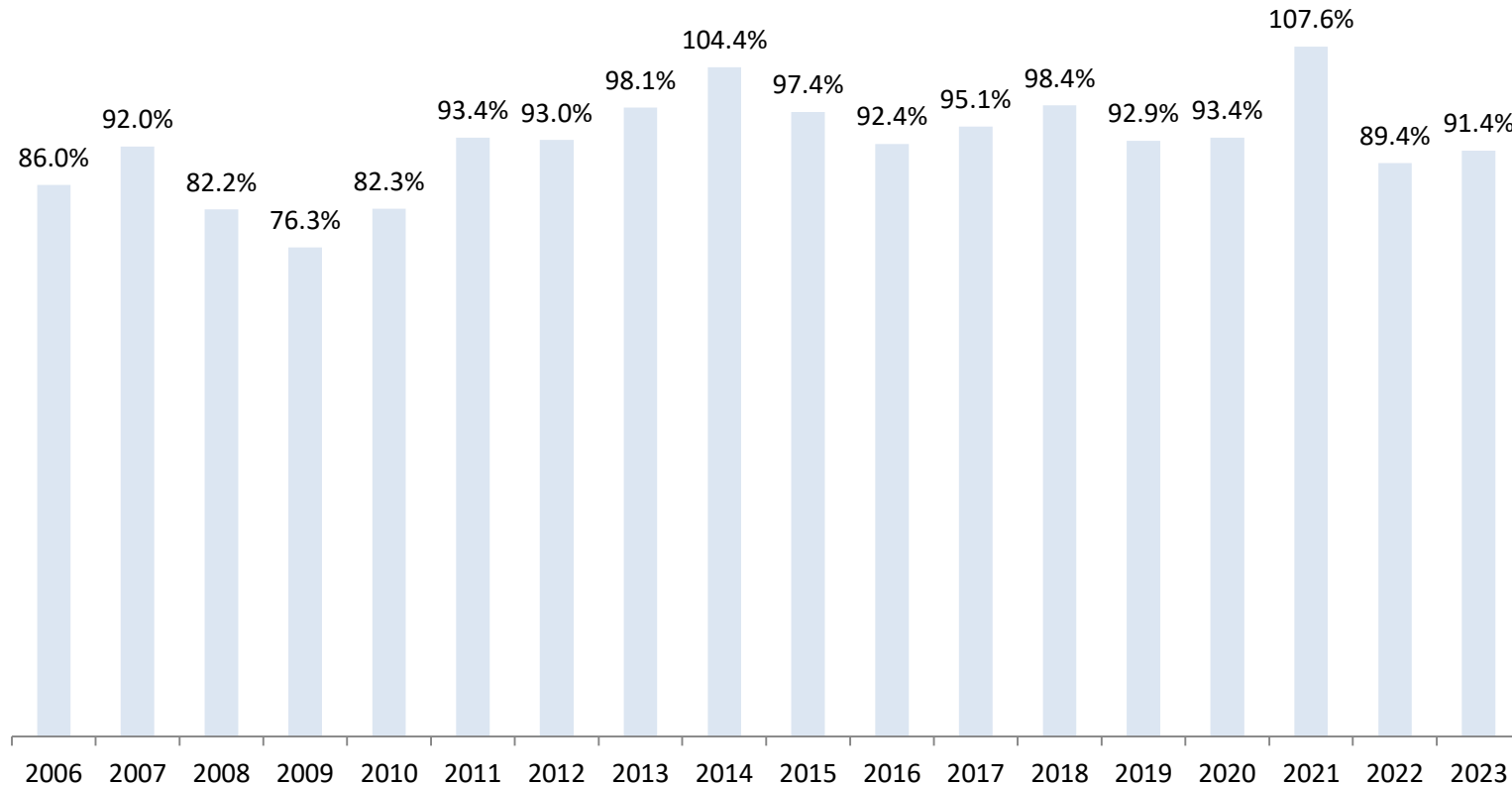
This display is for illustrative purposes only and is an estimate based on recent market values and available fee data. Fee data is based on information retrieved from Morningstar Direct on January 22, 2024, and data is subject to change as category average fee information updates regularly. We rely on Morningstar to classify each manager's category fee for comparison purposes.

Asset Allocation Compliance

	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Minimum Allocation (%)	Maximum Allocation (%)
Total Fund Composite	216,769,983	100.0	100.0	0.0		
Fiduciary Management	12,568,502	5.8	6.3	-0.5	5.0	7.5
Fidelity Large Cap Growth (FSPGX)	12,007,779	5.5	6.3	-0.7	5.0	7.5
Stephens Mid Cap Growth	17,543,155	8.1	7.5	0.6	2.5	12.5
Barrow Hanley MeWhinney & Strauss	22,186,351	10.2	10.0	0.2	5.0	15.0
Vanguard Index Fund Institutional (VINIX)	32,420,231	15.0	12.5	2.5	10.0	15.0
Causeway International (CIVIX)	16,098,237	7.4	7.5	-0.1	2.5	12.5
Cohen & Steers (CSRIX)	9,853,564	4.5	5.0	-0.5	0.0	10.0
MackKay Shields Core Plus	30,774,955	14.2	15.0	-0.8	12.5	17.5
Dodge & Cox Income (DODIX)	31,544,609	14.6	15.0	-0.4	12.5	17.5
Loomis Sayles High Yield (LSHIX)	10,394,022	4.8	5.0	-0.2	0.0	10.0
Aristotle Floating Rate (PLFRX)	10,147,608	4.7	5.0	-0.3	0.0	10.0
BlackRock Multi-Asset Income (BKMIX)	11,155,917	5.1	5.0	0.1	0.0	10.0
Total Cash	65,179	0.0	0.0	0.0	0.0	0.5

Executive Summary





Source: Port of Houston Authority Restated Retirement Plan Actuarial Valuation Report as of August 1, 2020. The funded ratio is calculated by dividing the actuarial value of assets by the actuarial accrued liability.

The 2013 funded status was calculated as 100.7%, prior to reduction of the actuarial assumption from 7.25% to 7.00%.

The actuarial assumption was reduced from 7.00% to 6.75% by the Port Commission on December 13, 2016. The effective date of the change is January 1, 2017 for reporting purposes.

The actuarial assumption was reduced from 6.75% to 6.50% on September 24, 2019. The effective date of the change is January 1, 2019 for reporting purposes.

The actuarial assumption was reduced from 6.50% to 6.25% on December 8, 2020. The effective date of the change is August 1, 2020 for reporting purposes.

The actuarial assumption was reduced from 6.25% to 6.00% on September 20, 2022. The effective date of the change is August 1, 2022 for reporting purposes.

Historical Hybrid Composition

Allocation Mandate **Weight (%)**

Jan-1979

S&P 500 Index	47.50
Russell Midcap Index	12.50
Blmbg. U.S. Aggregate Index	40.00

Dec-2012

S&P 500 Index	15.00
Russell Midcap Index	12.50
Russell 2000 Index	10.00
MSCI EAFE Index	12.50
Blmbg. U.S. Aggregate Index	35.00
ICE BofA U.S. High Yield Index	5.00
FTSE NAREIT All Equity REITs	5.00
Alerian MLP Index	5.00

Aug-2015

S&P 500 Index	15.00
Russell Midcap Index	7.50
Russell 2000 Index	10.00
MSCI EAFE Index	7.50
Blmbg. U.S. Aggregate Index	40.00
ICE BofA U.S. High Yield Index	5.00
FTSE NAREIT All Equity REITs	5.00
Alerian MLP Index	10.00

Jan-2021

S&P 500 Index	22.50
Russell Midcap Index	7.50
Russell 2000 Index	10.00
MSCI EAFE Index	7.50
Blmbg. U.S. Aggregate Index	42.50
ICE BofA U.S. High Yield Index	5.00
FTSE NAREIT All Equity REITs	5.00

Active Return	- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.
Alpha	- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.
Beta	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.
Consistency	- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.
Distributed to Paid In (DPI)	- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.
Down Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance
Downside Risk	- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.
Excess Return	- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.
Excess Risk	- A measure of the standard deviation of a portfolio's performance relative to the risk free return.
Information Ratio	- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.
Public Market Equivalent (PME)	- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.
R-Squared	- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.
Return	- Compounded rate of return for the period.
Sharpe Ratio	- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.
Standard Deviation	- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.
Total Value to Paid In (TVPI)	- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life
Tracking Error	- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.
Treynor Ratio	- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.
Up Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.

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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.

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