Board of Trustees

1000 Mill Street San Luis Obispo, CA 93408 Phone: (805) 781-5465 Fax: (805) 781-5697 www.SLOPensionTrust.org San Luis Obispo County
Pension Trust

SLOCPT

Date: November 27, 2023

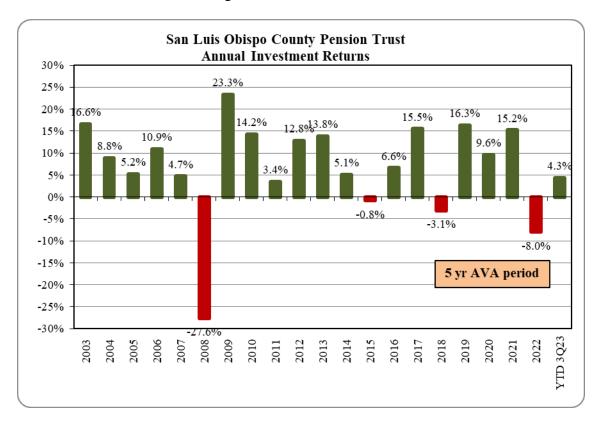
To: Board of Trustees

From: Carl Nelson – Executive Director Amy Burke – Deputy Director

Scott Whalen - Verus

Agenda Item 17: Quarterly Investment Report for the 3rd Quarter of 2023

Attached is the 3Q23 quarterly investment report from the Trust's investment consultant - Verus. Scott Whalen of Verus will present and discuss the quarterly report. The history of SLOCPT investment returns, gross of fees, is shown below.



Respectfully submitted,

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PERIOD ENDING: SEPTEMBER 30, 2023

Investment Performance Review for

San Luis Obispo County Pension Trust

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VERUSINVESTMENTS.COM

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Verus business update

Since our last Investment Landscape webinar:

- Verus retained four new clients across the U.S. expanding our coverage in the Pacific, Midwest, Southwest, and Southeast
- Shelly Heier, CFA, CAIA President, was named one of Pensions & Investments' 2023 Influential Women in Institutional Investing
- Eileen Neill, CFA Managing Director | Senior Consultant, was
 nominated as one of Chief Investment Officer's 2023 Knowledge Brokers
- Sneha Pendyala Public Markets Research Analyst recently passed CFA level III. Christian Reed Private Markets Performance Analyst and Jonah Coffee Performance Analyst passed CFA level II
- Recent research, found at <u>verusinvestments.com/research</u>:
 - 2023 Private Equity Outlook
 - Hedge funds in 2023: How has the environment changed?
 - The rising rate environment's impact on real estate cap rates
 - Yield curve inversion: recession signal, but why?
 - Credit, distress, default & the long term



Shelly Heier, CFA, CAIAPresident



Eileen Neill, CFA

Managing Director |
Senior Consultant

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Recent Verus research

Visit: <u>verusinvestments.com/research</u>

Topics of interest

CREDIT, DISTRESS, DEFAULT & THE LONG TERM

As the environment for credit changes and the risks of defaults increase, investors would be well advised to assess their fixed income positioning. This includes considering other opportunities across the credit spectrum beyond traditional core vehicles.

THE RISING RATE ENVIRONMENT'S IMPACT ON REAL ESTATE CAP RATES

The quickly rising interest rate environment has changed the landscape for commercial real estate so much that investors are questioning how the appraised values of their private real estate assets might change in the future. Our latest whitepaper illuminates this question.

YIELD CURVE INVERSION: RECESSION SIGNAL, BUT WHY?

Predicting future market conditions is an incredibly difficult task. One signal that has been a historically accurate predictor preceding a U.S. recession is the yield curve inversion. We examine what drives curve inversion, allowing investors a framework regarding the implications of this type of event.

HEDGE FUNDS IN 2023: HOW HAS THE ENVIRONMENT CHANGED?

For those clients who are comfortable embracing the complexity of hedge funds, we continue to believe that these strategies can play an important role. Furthermore, the justifications for these strategies may be strengthening as we enter a much different market regime.

Annual research

2023 PRIVATE EQUITY OUTLOOK

In the 2023 Private Equity Outlook, we focus on the impact of a "higher rate for longer" scenario on the asset class. We also examine how the rising-rate environment has affected private markets so far.

3rd quarter summary

THE ECONOMIC CLIMATE

- Real GDP increased at a 2.9% pace from a year ago in Q3 (4.9% QoQ annualized rate). The large uptick was driven by consumption, which continues to show resiliency. A combination of pandemic related excess savings and a strong decade of household wealth expansion is likely providing a cushion against an economic slowdown.
- The unemployment rate increased slightly during the quarter from 3.6% to 3.8%, though this appears to be due to more workers rejoining the labor force and seeking employment (a positive rather than negative development). The total size of the U.S. workforce grew by 580,000 in Q3.

PORTFOLIO IMPACTS

- The U.S. consumer has shown resiliency, with ongoing moderate spending activity. However, personal savings rates are nearly the lowest on record. We believe depressed savings activity without a commensurate surge in spending, and very poor sentiment, suggests high inflation is squeezing household budgets.
- The Cboe VIX implied volatility index remained belowaverage for most of the third quarter, before rising to 17.5 to end September. Market risk has been falling fairly consistently throughout the year, which may be at least partly attributed to the perception that certain risks, such as regional bank contagion and near-term recession, have eased.

THE INVESTMENT CLIMATE

- The 10-year U.S. Treasury yield increased during the quarter to 4.58%—a level not seen since 2007—likely supported by *higher for longer* interest rate expectations. This led to a flattening of the yield curve.
- U.S. headline inflation ticked up from 3.1% to 3.7% year-over-year. Core CPI (ex-food & energy) continued to fall from 4.9% to 4.1%. Shelter costs jumped unexpectedly in September showing the largest rise since May, and along with rising energy prices have generated concerns of renewed inflation. A material weakening of the job market and U.S. economy will likely be needed to bring inflation down to a 2% level.

ASSET ALLOCATION ISSUES

- Nearly all asset classes produced materially negative performance during the quarter, including global equities (-3.4%), U.S. core fixed income (-3.2%) and U.S. Treasuries (-3.1%). Highly correlated markets created difficulties for investors, as diversification produced limited value. p. 48
- U.S. investors continue to face a difficult environment for style factor investing. Over the past year, mega cap growth stocks have propelled the U.S. market higher, leading to dramatic outperformance of growth stocks and large cap stocks. However, value investing has delivered exceptional results in international developed markets, outperforming growth stocks by 11.5%.

Nearly all asset classes produced materially negative performance during the quarter

A material weakening of the job market and/or U.S. economy will likely be needed to bring inflation down to a 2% level



What drove the market in Q3?

"Fed Signals Higher-for-Longer Rates with Hikes Almost Finished"

10-YEAR U.S	S. TREASURY	YIELDS			
Apr	May	June	July	Aug	Sep
3.42%	3.64%	3.84%	3.96%	4.11%	4.57%

Article Source: Bloomberg, September 20th, 2023

"U.S. Inflation Rises in August as Petrol Prices Jump"

WTI CRUDE	OIL PRICES (PER BARREL)			
Apr	May	June	July	Aug	Sep
\$76.78	\$68.09	\$70.64	\$81.80	\$83.63	\$90.79

Article Source: Financial Times, September 13th, 2023

"U.S. Growth Trimmed on Inventories; Retains Underlying Momentum"

FEDERAL RESERVE BANK OF ATLANTA Q3 2023 GDPNOW FORECAST							
July 28 th	Aug 15 th	Aug 31st	Sept 15 th	Sept 29 th	Oct 10 th		
3.5%	5.0%	5.6%	4.9%	4.9%	5.1%		

Article Source: Reuters, August 30th, 2023

"S&P 500 Q2 2023 Earnings Beat Wall Street Expectations"

S&P 500 YEAR-OVER-YEAR EARNINGS GROWTH (DECLINE)						
Q1 22	Q2 22	Q3 22	Q4 22	Q1 23	Q2 23	
9.0%	6.0%	2.4%	(4.9%)	(6.6%)	(4.1%)	

Article Source: Axios, August 18th, 2023

U.S. TREASURY YIELDS (YEAR-TO-DATE)



Source: Bloomberg, as of 9/30/23

HEADLINE VS. CORE CPI (MONTH-OVER-MONTH)



Source: BLS, as of 9/30/23

S&P 500 YEAR-OVER-YEAR EARNINGS GROWTH (DECLINE)



Source: FactSet, as of 9/30/23



4th Quarter 2023

Economic environment



U.S. economics summary

- Real GDP increased at a 2.9% pace from a year ago in the third quarter (4.9% quarter-over-quarter annualized rate). The large uptick was driven by consumption, which continues to show resiliency. While many investors have expected high inflation and weaker wage growth to impact spending, a combination of pandemic related excess savings and a strong decade of household wealth expansion is likely providing a cushion against an economic slowdown.
- U.S. headline inflation ticked up during the quarter, from 3.1% to 3.7% year-over-year in September.
 Core CPI (ex-food & energy) continued to fall from 4.9% to 4.1%.
 Shelter costs jumped unexpectedly in September, which along with rising energy prices have generated fresh concerns of renewed inflation.
- The U.S. consumer has shown resiliency, with continued moderate spending levels. However, personal

- savings rates are nearly the lowest on record. We believe depressed savings activity, along with mild household spending and very poor sentiment, suggests high inflation is squeezing household budgets.
- The unemployment rate increased slightly during the quarter from 3.6% to 3.8%, though this appears to be due to more workers rejoining the labor force and seeking employment (a positive rather than negative development). The total size of the U.S. workforce grew by 580,000 in Q3.
- Consumer sentiment readings were mixed during Q3 but remain poor.
 According to the Conference Board survey, the future outlook for income, business, and labor conditions fell very sharply and are now at levels that historically have signaled recession within a year.

	Most Recent	12 Months Prior
Real GDP (YoY)	2.9% 9/30/23	1.7% 9/30/22
Inflation (CPI YoY, Core)	4.1% 9/30/23	8.2% 9/30/22
Expected Inflation (5yr-5yr forward)	2.4% 9/30/23	2.1% 9/30/22
Fed Funds Target Range	5.25–5.50% 9/30/23	3.00–3.25% 9/30/22
10-Year Rate	4.58% 9/30/23	3.83% 9/30/22
U-3 Unemployment	3.8% 9/30/23	3.5% 9/30/22
U-6 Unemployment	7.0% 9/30/23	6.7% 9/30/22



Inflation

U.S. headline inflation ticked up during the quarter, from 3.1% to 3.7% year-over-year in September. Core CPI (ex-food & energy) continued to fall from 4.9% to 4.1%. Shelter costs jumped unexpectedly in September showing the largest rise since May, which along with rising energy prices have generated concerns of renewed inflation. Oil in particular saw material gains over the quarter (+24.3% for Brent, +28.5% for WTI), largely driven by supply dynamics.

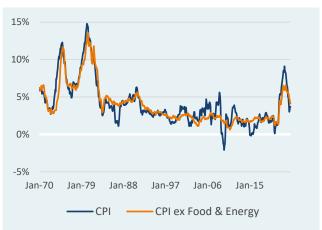
The attack of Hamas on Israel in early October led to upward movement in oil prices on the risk of escalation into a broader conflict involving Iran. Nearly one-fifth of global oil

supply is shipped through the Strait of Hormuz, on Iran's border, which means that a larger conflict would likely have major implications for inflation, and interest rates, and therefore the domestic economy.

Shorter-term inflation trends illustrate that the rate of inflation is still materially higher than the Federal Reserve's 2% target. Inflation appears to be stabilizing at a 3-4% range, and may not reach the Fed's 2% target without a material weakening of the job market and/or the U.S. economy.

The recent jump in energy prices has reignited inflation concerns

U.S. CPI (YOY)



3-MONTH ANNUALIZED INFLATION RATE



Source: FRED, Verus, as of 9/30/23

MONTHLY PRICE MOVEMENT



Source: BLS, as of 9/30/23



Source: BLS, as of 9/30/23

Investment Landscape

4th Quarter 2023

GDP growth

Real GDP increased at a 2.9% pace from a year ago in the third quarter (4.9% quarter-over-quarter annualized rate). The large uptick was driven by consumption, which continues to show resiliency. While many investors have expected high inflation and weaker wage growth to impact spending, a combination of pandemic related excess savings and a strong decade of household wealth expansion is likely providing a cushion against an economic slowdown. Outside of consumption, all major categories, besides net exports, positively contributed to GDP growth.

A strong economy continues to support the higher for longer

interest rate narrative. This has also contributed to markets reacting negatively to positive economic news, as strong growth increases the likelihood of Federal Reserve hawkishness.

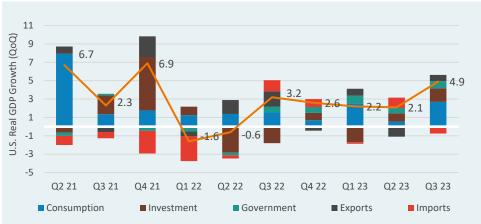
Despite healthy overall GDP growth, weakness is beginning to appear in the economy. Savings rates remain on the lower end of historical trends at 3.9%, while transitions into delinquency across credit card, auto, and mortgage lending has all moved higher. As savings and debt-driven consumption begins to recede, expectations are for weaker consumption in the fourth quarter.

The U.S. economy continues to show resilience despite aggressive monetary tightening & low consumer confidence

U.S. REAL GROSS DOMESTIC PRODUCT



U.S. REAL GDP COMPONENTS (QOQ)



Source: FRED, as of 9/30/23

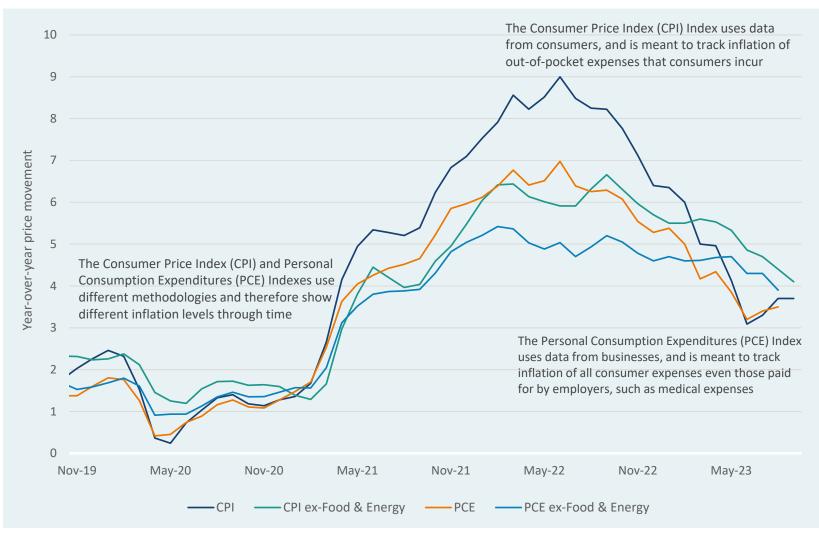
Source: FRED, as of 9/30/23



Investment Landscape

4th Quarter 2023

How are inflation conditions evolving?



U.S. inflation appears to be stabilizing at a 3-4% level, materially above the Fed's 2% target

The recent jump in energy prices has reignited inflation concerns

Source: FRED, Verus, PCE data as of 8/31/23, CPI data as of 9/30/23



Investment Landscape

4th Quarter 2023

Labor market

The unemployment rate increased slightly during the quarter from 3.6% to 3.8%, though this appears to be due to more workers rejoining the labor force and seeking employment (a positive rather than negative development). The total size of the U.S. workforce grew by 580,000 in Q3.

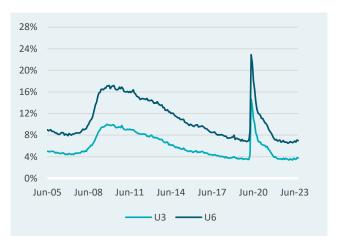
Rebalancing within the labor market continued, though there remains a mismatch between the number of workers available and the available jobs. The labor participation rate has improved across all age groups, while wage growth slowly receded—at 4.2% year-over-year in September—compared to ~3% pre-pandemic. Deceleration of wage growth is of course

not a welcome development for American workers, but should help to moderate inflation pressures, all else equal.

A short supply of workers relative to demand for staffing has placed more bargaining power with workers. Recent contract negotiations between employers and labor unions have been widely publicized and contentious at times. The United Auto Workers (UAW) strike against General Motors, Ford, and Stellantis serves as a recent example, affecting more than 400,000 workers. With households feeling the damaging effects of inflation on wages and budgets, and a large ongoing mismatch in the labor market regarding supply and demand, these disputes are likely to persist.

A short supply of workers relative to demand for staffing has placed more bargaining power with workers

U.S. UNEMPLOYMENT



LABOR FORCE PARTICIPATION RATE BY AGE



Source: FRED, as of 9/30/23

WORKERS AVAILABLE VS. AVAILABLE JOBS



Source: BLS, Verus, as of 8/31/23



Source: FRED, as of 9/30/23

Investment Landscape

4th Quarter 2023

The consumer

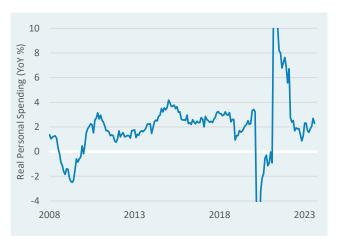
The U.S. consumer has shown resiliency, with real (inflationadjusted) personal consumption expenditures moving along at a moderate pace—coming in at 2.3% year-over-year in August. However, much of this resilience appears to have been possible through the spending down of household savings accumulated during the pandemic. Recent estimates seem to suggest that this excess savings has now been mostly (or all) spent, which could lead to a downturn in spending in future months.

Personal savings rates have deteriorated further—now at 3.9%—nearly half the pre-pandemic savings level and one of the lowest levels on record. We believe depressed savings activity without a commensurate surge in spending, and very poor sentiment, suggests high inflation is squeezing household budgets.

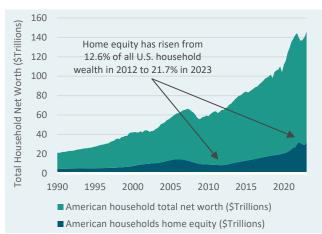
As mentioned last quarter, tighter household budgets should be contrasted with the fact that Americans have experienced a vast boom in wealth and prosperity over the past decade, fueled by a substantial bull market in stocks and in residential real estate, among other assets. This wealth may serve as somewhat of a unique buffer against economic weakness. A large portion of this wealth was created by the housing boom during the pandemic, which suggests more economic sensitivity than usual to downward house and asset price moves.

Higher home prices have played a major role in America's booming wealth over the past decade

REAL PERSONAL SPENDING

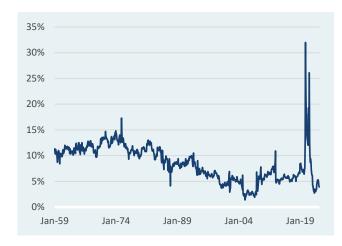


AVERAGE HOUSEHOLD NET WORTH



Source: FRED, Verus, as of 6/30/23

PERSONAL SAVINGS RATE



Source: BEA, as of 8/31/23

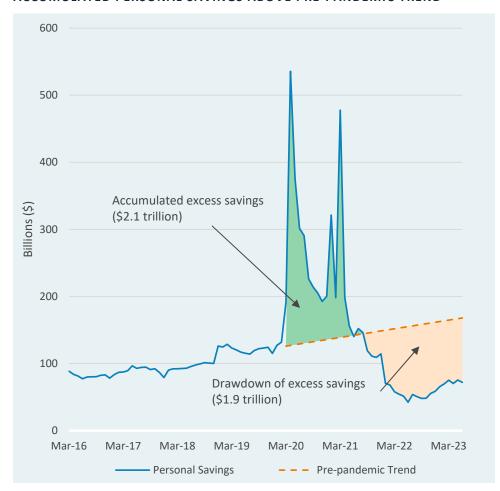


Source: FRED, as of 8/31/23

Investment Landscape 4th Quarter 2023

The consumer - excess savings wearing off

ACCUMULATED PERSONAL SAVINGS ABOVE PRE-PANDEMIC TREND



The resilience of U.S. consumer spending has been driven at least partly by *excess household savings*, which accumulated during the pandemic as Americans were limited in their ability to spend (on vacations and dining, for example). While these excess savings have recently helped to fuel a stronger economy, savings drawdown rates across the past three, six, or even twelve months suggest that these excess savings were fully depleted by the end of Q3.

Above-average inflation continues to be a drag on the domestic consumer, which can be seen in economic data. Second quarter metrics from the New York Fed's Household Debt and Credit report show an uptick in credit delinquencies, which is likely to show an even higher rate at the Q3 2023 release on November 7th if the trend persists. Although delinquency rates have moved higher, these are at average levels relative to history.

Going forward, many expect consumer conditions to worsen, especially under a *higher for longer* interest rate environment. This would likely act as a headwind to future economic growth, and negatively impact markets in a variety of ways, ranging from corporate earnings to mortgage transactions.

Source: BEA and San Francisco Federal Reserve, as of 8/16/23



Investment Landscape

Sentiment

Consumer sentiment readings were mixed in the third quarter but by most measures remain pessimistic.

The University of Michigan Consumer Sentiment survey improved, reporting that expectations around personal finances have weakened, though this was offset by better business conditions. Americans feel uncertain about the future of the economy.

Consumer confidence as indicated by the Conference Board weakened. According to the Conference Board survey, current labor market and business conditions improved moderately,

while the future outlook for income, business, and labor conditions fell very sharply. Consumer expectations are depressed and at levels that historically have signaled recession within one year.

The NFIB Small Business Optimism index was stable during the quarter, but further indicated a dire outlook for business conditions. Sales growth has reportedly slowed, profit margins are being squeezed, inflation continues to be a major concern, and qualified employees are difficult to find. A majority of businesses plan to raise prices, though fewer businesses expect sales revenues to keep up with inflation.

Sentiment was mixed during the quarter but remains poor by most measures

CONSUMER SENTIMENT



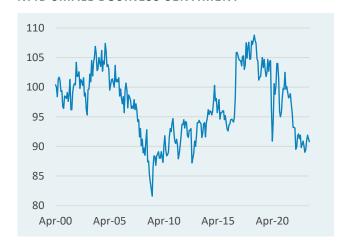
Source: University of Michigan, as of 9/30/23

CONFERENCE BOARD CONSUMER CONFIDENCE



Source: Conference Board, as of 9/30/23

NFIB SMALL BUSINESS SENTIMENT



Source: NFIB, as of 9/30/23



Investment Landscape

4th Quarter 2023

Housing

Housing market conditions have deteriorated even further since last quarter. In late September mortgage rates climbed to a new 23-year high of 7.3%. Existing home sales have fallen -15.3% over the past year, as of August, while affordability remains the worst on record.

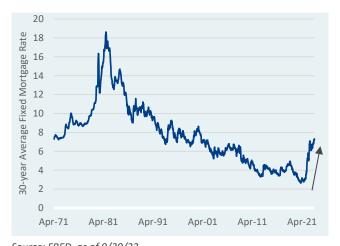
Despite higher mortgage rates and extremely poor affordability, home values have held up. This appears to be due to depressed housing inventories resulting from many years of underinvestment in new home construction following the 2000s U.S. housing bubble, an upward trend in U.S. homeownership, and an unwillingness of potential home sellers to sacrifice their existing low mortgage interest rates. Overall,

very low supply seems to be balancing low demand and, for now, providing an ongoing support to elevated prices.

Despite higher interest rates, existing homeowners in this environment are, on average, well-capitalized. Many homeowners refinanced at ultra-low mortgage interest rates in recent years or purchased their homes with a low rate. Mortgage delinquency levels of single-family homeowners were materially below-average at 1.7%, as of Q2. However, borrowers with variable-rate loans, which is a small portion of borrowers overall, may face difficulties in covering much larger monthly mortgage payments.

Home sales have slowed to a crawl as affordability is poor, and potential sellers don't want to lose their low interest rates

30-YEAR MORTGAGE RATE



Source: FRED, as of 9/30/23

HOME SALES: NEW & EXISTING (MILLIONS)



Source: FRED, as of 8/31/23

HOUSING AFFORDABILITY



Source: FRED, as of 6/30/23 – Housing affordability is calculated as the cost of a median priced single-family home at the current mortgage rate, as a percentage of the median family income

Verus⁷⁷

Investment Landscape4th Quarter 2023

International economics summary

- Countries struggling to control inflation—primarily advanced economies—face a challenging path. Many central banks are grappling with high prices and slow growth, and the balancing act of fighting inflation but also trying to avoid recession. In contrast, most emerging economies are exceeding growth expectations, outside of China. Some of this strength has come from trade rotation as tensions remain between the U.S. and China and businesses rethink their trade partners.
- The IMF's October World Economic Outlook was little changed from July Projections, as global growth is still expected to slow in 2024.
 Regional divergences remained an emphasis, as emerging economies are projected to drive global output. India is expected to outpace all other countries with growth forecasts above 6% for both 2023 and 2024.
- Inflation in the Eurozone and United Kingdom has remained sticky, with inflation in September coming in at 4.3% and 6.7% yearover-year, respectively. Monetary policy is expected to be tighter for both the ECB and BOE, although rate decisions diverged at their respective September meetings, as the ECB raised rates by another 25 bps, while the BOE voted 5-4 to maintain their bank rate at 5.25%.
- Japan was a bright spot amongst developed economies, driven by strong exports in the second quarter. While growth was positive, the potential for an early end to ultra loose Bank of Japan (BOJ) monetary policy presents a potential headwind. A weak Japanese Yen adds to this story, as the currency has been greatly devalued, largely due to the BOJ's contrarian monetary policy relative to other major central banks.

Area	GDP (Real, YoY)	Inflation (CPI, YoY)	Unemployment
United States	2.9%	3.7%	3.8%
	9/30/23	9/30/23	9/30/23
Eurozone	0.5% 6/30/23	4.3 % 9/30/23	6.4% 8/31/23
Japan	1.6% 6/30/23	2.8 % 9/30/23	2.7% 8/31/23
BRICS	6.1%	1.7%	4.8%
Nations	6/30/23	9/30/23	12/31/22
Brazil	3.4%	5.2%	7.8%
	6/30/23	9/30/23	8/31/23
Russia	4.9%	6.0%	3.0%
	6/30/23	9/30/23	8/31/23
India	7.8%	5.0%	7.1%
	6/30/23	9/30/23	9/30/23
China	4.9%	0.0%	5.0%
	9/30/23	9/30/23	9/30/23

NOTE: India lacks reliable government unemployment data. Unemployment rate shown above is estimated from the Centre for Monitoring Indian Economy. The Chinese unemployment rate represents the monthly surveyed urban unemployment rate in China.



International economics

International economies showed signs of slowing during the third quarter. While growth decelerated, economies have shown greater resilience to inflation and higher interest rate headwinds than originally expected.

Countries struggling to control inflation—primarily advanced economies—face a challenging path. Many central banks are grappling with high prices and slow growth, and the balancing act of fighting inflation but also trying to avoid recession. In contrast, most emerging economies are exceeding growth expectations, outside of China. Some of this strength has come

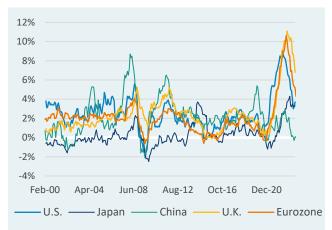
from trade rotation as tensions remain between the U.S. and China and businesses rethink their trade partners.

The outlook remains uncertain. Strong growth driven by services has started to wear off, while manufacturing activity remains depressed. Developed economies within the Eurozone and United Kingdom struggle with inflation, while China deals with its own domestic issues. Japan and India showed signs of strength, but are likely unable to buoy global economic growth, especially if the current issues plaguing larger nations persist.

REAL GDP GROWTH (YOY)

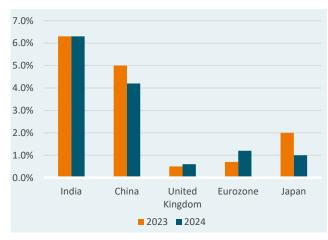


INFLATION (CPI YOY)



Source: Bloomberg, as of 9/30/23 – or most recent release

IMF WEO REAL GROWTH FORECASTS



Source: IMF World Economic Outlook Oct. 2023, as of 10/10/23



Source: Bloomberg, as of 6/30/23

Investment Landscape

4th Quarter 2023

International economics

	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23
Manufacturing													
Global	50.3	49.8	49.4	48.8	48.7	49.1	49.9	49.6	49.6	49.5	48.7	48.6	49.0
Developed	50.2	50.1	48.8	47.8	47.3	48.0	48.1	48.4	48.5	47.6	46.3	47.1	46.8
US	52.9	51.0	50.0	49.0	48.4	47.4	47.7	46.3	47.1	46.9	46.0	46.4	47.6
UK	47.3	48.4	46.2	46.5	45.3	47.0	49.3	47.9	47.8	47.1	46.5	45.3	43.0
Eurozone	49.6	48.4	46.4	47.1	47.8	48.8	48.5	47.3	45.8	44.8	43.4	42.7	43.5
Germany	49.1	47.8	45.1	46.2	47.1	47.3	46.3	44.7	44.5	43.2	40.6	38.8	39.1
Japan	51.5	50.8	50.7	49.0	48.9	48.9	47.7	49.2	49.5	50.6	49.8	49.6	49.6
EM	50.2	49.3	49.8	49.7	49.8	49.9	51.6	50.7	50.5	51.4	51.1	50.2	51.4
Services													
Global	49.3	50.0	49.2	48.1	48.0	50.1	52.6	54.4	55.4	55.5	53.9	52.7	51.1
Developed	46.7	49.6	48.8	47.5	47.2	48.7	51.8	53.4	54.6	54.9	53.6	51.9	50.2
US	56.1	55.9	54.5	55.5	49.2	55.2	55.1	51.2	51.9	50.3	53.9	52.7	54.5
UK	50.9	50.0	48.8	48.8	49.9	48.7	53.5	52.9	55.9	55.2	53.7	51.5	49.5
Eurozone	49.8	48.8	48.6	48.5	49.8	50.8	52.7	55.0	56.2	55.1	52.0	50.9	47.9
Germany	47.7	45.0	46.5	46.1	49.2	50.7	50.9	53.7	56.0	57.2	54.1	52.3	47.3
Japan	49.5	52.2	53.2	50.3	51.1	52.3	54.0	55.0	55.4	55.9	54.0	53.8	54.3
EM	54.9	50.6	49.9	49.2	50.1	53.1	54.5	56.7	57.2	56.7	54.6	54.5	53.1

Service sectors

- which have
recently driven
global strength

- are now
showing signs
of moderation,
while
manufacturing
sectors remains
depressed

European markets seem to reflect the weakest future business conditions

Source: Bloomberg, as of 8/31/23 – The Purchasing Managers' Index (PMI) is an index based on a broad survey of supply chain managers across nineteen industries in each country. The survey gauges business sentiment, with a reading of below 50 indicating that businesses expect business conditions to worsen in the near-future. A reading of 50 indicates no expected change in business conditions. A reading above 50 indicates expectations for stronger (expanding) future business conditions.



Investment Landscape

4th Quarter 2023

Fixed income rates & credit



Fixed income environment

- The 10-year U.S. Treasury yield increased during the quarter from 3.81% to 4.58%—a level not seen since 2007—likely supported by higher for longer interest rate expectations. This has led to a flattening of the yield curve, though the curve remains inverted at -0.5% (defined as the 10-year Treasury yield minus 2-year Treasury yield).
- Rising interest rates combined with lower inflation have brought real (inflation-adjusted, based on the U.S. TIPS Inflation Breakeven Rate) 10- and 30-year Treasury yields to the highest levels in over a decade. Real yields for 10- and 30-year Treasuries finished the month at 2.24% and 2.33%, respectively. In March of 2022 these rates were negative.
- The Federal Reserve hiked interest rates by 0.25% in July but held rates steady at the September meeting as inflation moderated. Importantly, Chairman Powell signaled that additional rate hikes may be

- warranted if the economy remains strong and inflation above target.
- During Q3, higher quality bonds and U.S. Treasuries saw mild losses due primarily to their longer duration profile. Riskier credit performed well, with larger coupons and shorter duration contributing to positive performance.
- Longer duration investment grade corporate bonds (Bloomberg U.S. Long Corporate Credit) performed very poorly, falling by -7.3% during the quarter as rising interest rates acted as a headwind.
- With inflation moderating during the quarter, investors expressed optimism that the Federal Reserve would soon pause interest rate hikes. However, interest rate volatility increased during the period as concerns related to the U.S. government's budget deficit and the amount of expected issuance contributed to higher longterm bond yields.

	QTD Total Return	1 Year Total Return
Core Fixed Income (Bloomberg U.S. Aggregate)	(3.2%)	0.6%
Core Plus Fixed Income (Bloomberg U.S. Universal)	(2.9%)	1.6%
U.S. Treasuries (Bloomberg U.S. Treasury)	(3.1%)	(0.8%)
U.S. Treasuries: Long (Bloomberg U.S. Treasury 20+)	(13.0%)	(10.7%)
U.S. High Yield (Bloomberg U.S. Corporate HY)	0.5%	10.3%
Bank Loans (S&P/LSTA Leveraged Loan)	3.4%	13.0%
Emerging Market Debt Local (JPM GBI-EM Global Diversified)	(3.3%)	13.1%
Emerging Market Debt Hard (JPM EMBI Global Diversified)	(2.2%)	10.0%
Mortgage-Backed Securities (Bloomberg MBS)	(4.1%)	(0.2%)

Source: Bloomberg, as of 9/30/23



A higher for longer rate environment

The "higher for longer" narrative gained steam throughout the quarter, driven by better-than-expected economic and labor metrics, above target inflation, and rising energy costs. The bond market saw the largest impact, as yields on the 10-year Treasury rose from 3.84% to 4.57% throughout the quarter, resulting in a -13.0% loss for longer-term U.S. Treasuries (Bloomberg U.S. Treasury 20+ Year Index).

A floor regarding how far inflation can fall, given price dynamics of certain goods and services, has set inflation expectations closer to levels around three to four percent, outpacing the Federal Reserve's two-percent mandate. This has brought rates higher, while also extending the expected timeline for higher rates. Implied rates on Fed Funds Futures contracts show rates remaining above four percent throughout the start of 2025.

The yield of cash is expected to remain elevated for years into the future

U.S. TREASURY YIELD CURVE - CHANGE THROUGH Q3 2023



FUTURE EXPECTATIONS FOR THE % YIELD OF CASH



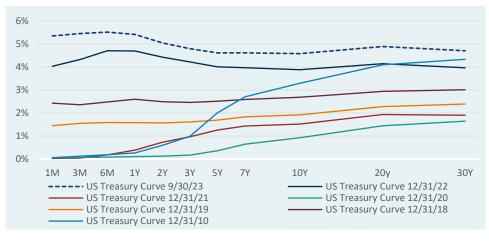
Source: Bloomberg, as of 9/30/23



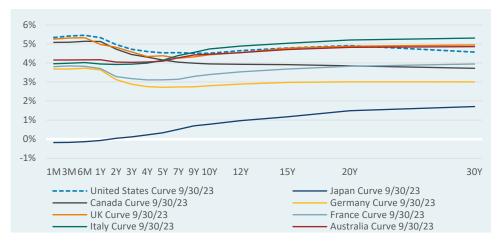
Investment Landscape
4th Quarter 2023

Yield environment

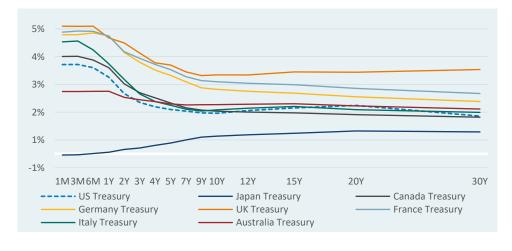
U.S. YIELD CURVE



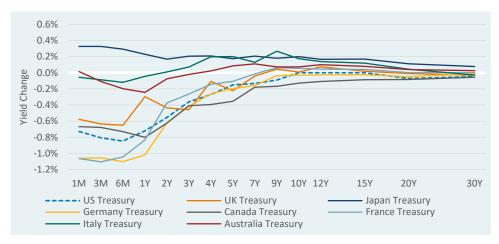
GLOBAL GOVERNMENT YIELD CURVES



YIELD CURVE CHANGES OVER LAST FIVE YEARS



IMPLIED CHANGES OVER NEXT YEAR



Source: Bloomberg, as of 9/30/23



Investment Landscape

4th Quarter 2023

Credit environment

During the third quarter, fixed income markets delivered positive results with lower-quality credits such as high yield bonds and bank loans outperforming higher-quality credits. High yield bonds returned 0.5% (Bbg U.S. Corporate High Yield), while bank loans delivered a stronger 3.4% (CS Leveraged Loans), aided primarily by the lower duration of these bonds. Longer duration investment grade corporate bonds (Bloomberg U.S. Long Corporate Credit) performed poorly, falling by -7.3% during the quarter as rising interest rates acted as a headwind.

Similar to Q2, lower quality CCC-rated bonds outperformed BB- and Brated bonds during the period. CCC-rated bonds returned 2.8% for the guarter compared to 1.0% and -0.3% for B-rated and BB-rated bonds, respectively. Bank loans also delivered an impressive 3.4% return,

with rising interest rates providing a mild tailwind to performance (floating rate bonds reprice as rates are rising, improving returns).

Credit spreads were broadly unchanged during the quarter despite concerns related to an economic slowdown, the potential for higher interest rates, increased credit stress, and lower equity prices. Lowerquality, CCC-rated high-yield bond spreads fell by 0.2% to 9.2%, while investment grade spreads decreased by roughly 0.1% to 1.3%. Broadly, spreads remain slightly below their long-term historical averages, which suggests that investors remain confident about the ability of those companies to service their debt. That said, should the U.S. economy begin to weaken, credit spreads could move higher as confidence fades.

SPREADS



Source: Barclays, Bloomberg, as of 9/30/23

HIGH YIELD BONDS MONTHLY INCOME RETURN



Source: Bloomberg, as of 9/30/23

CREDIT SPREAD (OAS)

Market	9/30/23	9/30/22
Long U.S. Corp	1.3%	2.0%
U.S. Inv Grade Corp	1.2%	1.6%
U.S. High Yield	3.9%	5.5%
U.S. Bank Loans*	5.2%	6.0%

Source: Barclays, Credit Suisse, Bloomberg, as of 9/30/23 *Discount margin (4-year life)



Investment Landscape 4th Quarter 2023

Default & issuance

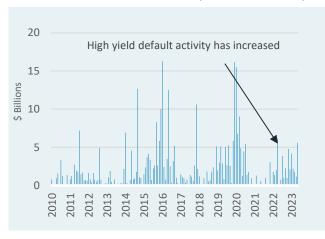
Default activity declined during Q3, to the lowest quarterly levels of 2023. Fourteen companies defaulted, which were concentrated in the Retail, Autos, Media, Technology, and Gaming sectors. A total of \$11.5 billion of bank loans and high yield bonds were affected by default or distressed exchanges, down from \$17.9 billion in the prior quarter. Notable company defaults included Carvana (Autos), Digital Media Solutions (Media), Exela Intermed (Technology), and Maverick (Gaming).

However, year-to-date default rates for both high-yield bonds and bank loans were higher than the first three quarters of 2022, totaling \$63 billion. High yield bond default rates have increased to roughly 2.5%, but are still below the long-term annual average of roughly 3.2%. High-yield

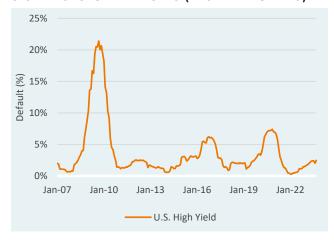
default recovery rates rose slightly to 35%, up from 33% during the previous quarter.

The issuance of investment-grade credit slowed from the prior quarter, down to roughly \$275 billion versus \$333 billion. Similarly, fewer lower quality companies issued new debt. High-yield bond issuance fell to \$40 billion, down from \$56 billion in Q2. As borrowing costs have jumped, the pace of both investment-grade and high yield issuance has been impacted. Although issuance overall remains dampened relative to history, high-yield issuance year-to-date is already greater than the total of 2022, and investment-grade bonds appear on track to match 2022 activity levels. It appears that a significant portion of issuance has moved into the private markets, creating opportunities for private allocations.

U.S. HY MONTHLY DEFAULTS (PAR WEIGHTED)

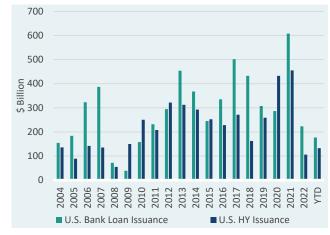


U.S. HY SECTOR DEFAULTS (LAST 12 MONTHS)



Source: BofA Merrill Lynch, as of 9/30/23 – par weighted

DEVELOPED MARKET ISSUANCE (\$ BILLIONS)



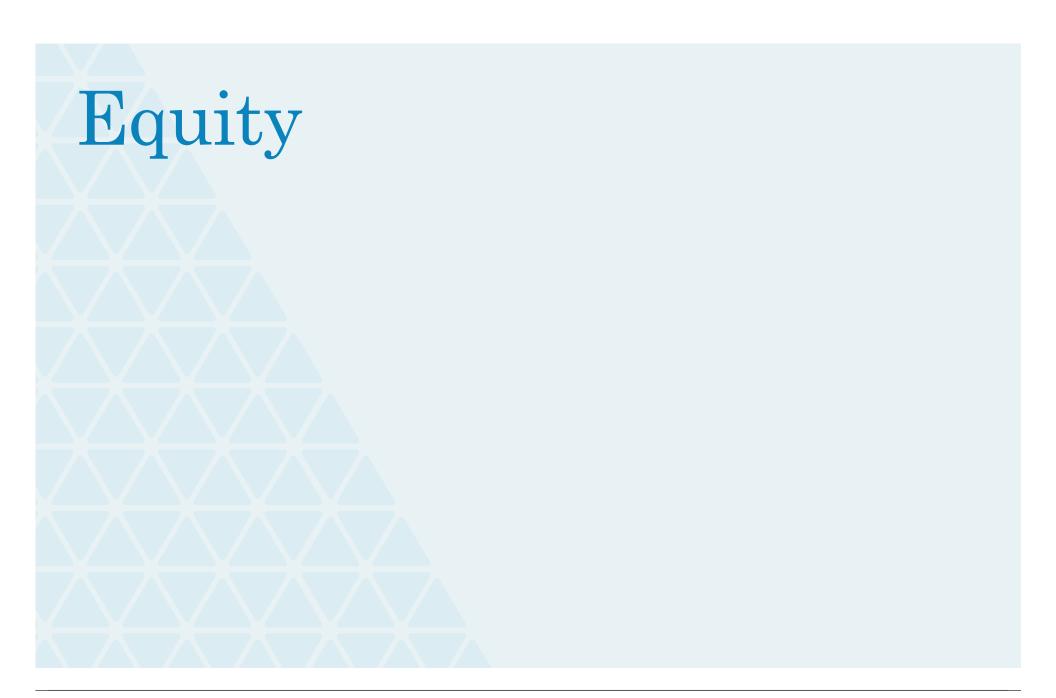
Source: BofA Merrill Lynch, all developed markets, as of 9/30/23



Source: BofA Merrill Lynch, as of 9/30/23

Investment Landscape4th Quarter 2023

Quarter 2025





Equity environment

- Global equities delivered negative performance during the quarter (MSCI ACWI -3.4%). Weakness in markets was broad-based, with international developed (MSCI EAFE -4.1%) slightly underperforming domestic and emerging market equities (S&P 500 -3.3%, MSCI EM -2.9%).
- Over the quarter, the valuation gap between domestic and international equites grew even larger. An analysis of international developed Price/Earnings ratios shows that all sectors currently hold a valuation discount relative to U.S. shares, and that those discounts are generally much wider than the historical average.
- Currency movements dragged portfolio performance lower for investors with unhedged foreign currency exposure. Investors with unhedged international developed equity exposure saw losses of -

- 3.6% due to currency volatility during the quarter.
- U.S. investors continue to face a difficult environment for style factor investing. Over the past year, mega cap growth stocks have propelled the U.S. market higher, leading to dramatic outperformance of growth stocks and large cap stocks. However, value investing has delivered exceptional results in international developed markets, with value stocks outperforming growth by 11.5%.
- The Cboe VIX implied volatility index remained below-average for most of the third quarter, before rising to 17.5% to end September. Market risk has been falling fairly consistently throughout the year.

	QTD TOTAL RETURN		1 YEAR TOTAL RETURN	
	(unhedged)	(hedged)	(unhedged)	(hedged)
U.S. Large Cap (S&P 500)	(3.3%)		21.6%	
U.S. Small Cap (Russell 2000)	(5.1%)		8.9%	
U.S. Equity (Russell 3000)	(3.3%)		20.5%	
U.S. Large Value (Russell 1000 Value)	(3.2%)		14.4%	
US Large Growth (Russell 1000 Growth)	(3.1%)		27.7%	
Global Equity (MSCI ACWI)	(3.4%)	(2.3%)	20.8%	20.4%
International Large (MSCI EAFE)	(4.1%)	(0.5%)	25.6%	24.1%
Eurozone (EURO STOXX 50)	(7.7%)	(4.3%)	39.4%	33.0%
U.K. (FTSE 100)	(1.9%)	2.2%	25.3%	16.0%
Japan (TOPIX)	(1.0%)	4.0%	25.7%	36.6%
Emerging Markets (MSCI Emerging Markets)	(2.9%)	(1.3%)	11.7%	11.1%

Source: Russell Investments, MSCI, STOXX, FTSE, JPX, as of 9/30/23



Domestic equity

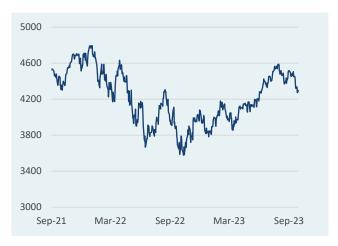
Domestic equities finished lower to end the quarter, breaking the previous three consecutive quarters of gains. The S&P 500 Index ended September down -3.3%, alongside losses across all other regional equity groups. Strong gains in July—influenced by better-than-expected earnings—were pared by losses in August and September as the *higher for longer* narrative raised recession fears while also helping to push Treasury yields significantly higher.

Early Q3 gains were driven by a continued rally across mega-cap technology names and better-than-expected earnings. Second quarter earnings marked the third straight quarter of year-over-year declines, yet the -4.1% fall was much better than the initially feared -7.0% projection

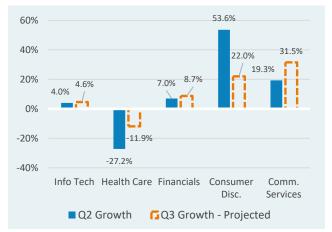
by FactSet. From a sector perspective, equity movements were less concentrated relative to the prior quarter. Energy was an outlier, where the sector's +12.2% gain was a function of higher oil prices due primarily to supply related issues.

Going forward, domestic equities remain challenged on both the earnings and valuations front. Earnings growth is expected to decline for the fourth straight quarter, although stable expectations amongst the S&P 500's largest sectors could provide an anchor. Earnings stability of some of the largest index names may also be contributing to higher valuations, which remain expensive relative to international developed and emerging market equities.

S&P 500 PRICE INDEX

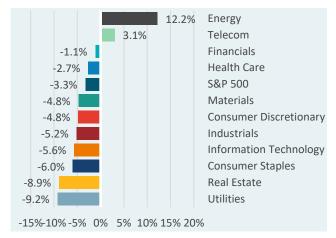


FIVE LARGEST SECTORS EPS GROWTH YOY



Source: FactSet, as of 9/30/23

Q3 2023 SECTOR PERFORMANCE



Source: Morningstar, as of 9/30/23



Source: Bloomberg, as of 9/30/23

Investment Landscape
4th Quarter 2023

Domestic equity size & style

Investors continue to face a difficult environment for style factor investing. Value underperformed growth mildly during the quarter (-3.2% vs. -3.1%), with sector trends appearing to have had less of an impact on value vs. growth stocks during Q2. Small cap equities materially lagged large caps (-5.1% vs -3.3%). *Higher for longer* rate expectations likely contributed to a repricing of growth-focused assets that are more sensitive to interest rate fluctuations.

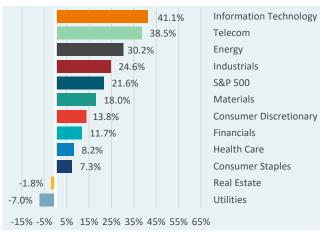
Over the past year, mega cap growth stocks have propelled the U.S. market higher, leading to dramatic outperformance of growth stocks and large cap stocks. Many of these market-leading stocks are concentrated in the Information Technology and Telecom sectors, which have outperformed the overall index (+41.1% and 38.5%, respectively).

In recent years value stocks have been extremely cheap. Value has rarely been this discounted relative to growth, and during the few historical periods when this was the case, value outperformed significantly. However, value has failed to deliver similar outperformance during the current period.

SMALL CAP VS LARGE CAP (YOY)



VALUE VS GROWTH (YOY)



Source: Morningstar, as of 9/30/23

1-YEAR SIZE & STYLE PERFORMANCE

	Value	Core	Growth
Large Cap	14.4%	21.2%	27.7%
Mid Cap	11.0%	13.4%	17.5%
Small Cap	7.8%	8.9%	9.6%

Source: FTSE, as of 9/30/23



Source: FTSE, as of 9/30/23

Investment Landscape

4th Quarter 2023

International developed equity

International developed shares fell -4.1% during Q3 in unhedged currency terms, underperforming U.S. and emerging markets. However, international developed equities in hedged currency terms were the best performing markets (returning -0.5%), as currency hedging would have avoided the U.S. dollar surge fueled by a *higher for longer* interest rate narrative.

Underperformance within the Eurozone dragged the overall index lower, with the STOXX 50 Index falling -7.7% over the quarter in unhedged terms—the worst performer across regional indices. The broader bloc continues to struggle to bring down inflation, while policymakers also deal with stagnant economic growth. In contrast to weakness seen from European

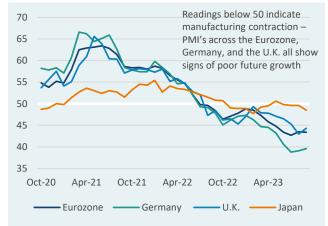
shares, Japanese equities delivered another quarter of positive performance in unhedged terms (TOPIX -1.0%), and significant outperformance in currency hedged terms (+4.0%). While a weaker Japanese Yen (JPY) hurt performance in U.S. dollar terms, the weak JPY has boosted local corporate earnings. These currency movements combined with meaningful inflation and equity reforms—meant to spark investment in wages, higher growth, and therefore shareholder value—have been a tailwind to strong year-over-year Japanese equity performance.

Overall, we believe international developed equities are less attractive in the near-term, specifically due to the economic headwinds facing the U.K. and broader Eurozone.

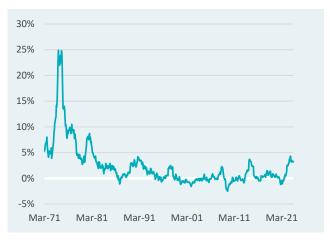
INTERNATIONAL DEVELOPED EQUITY



MANUFACTURING PMI



JAPANESE CPI



Source: S&P Global, as of 9/30/23

Source: Japan MIC, as of 8/31/23



Source: MSCI, as of 9/30/23

Investment Landscape

4th Quarter 2023

Emerging market equity

Emerging market equities outperformed domestic equities and international developed equities in Q3. The MSCI EM Index fell -2.9%, while the S&P 500 was -3.3% lower and the MSCI EAFE Index dropped -4.1%. Emerging markets have provided only a 2.1% annualized return over the past decade.

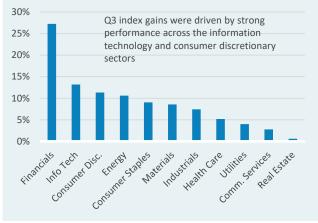
From an individual country perspective, the two largest weights in the index—China and India—outperformed, although Chinese equities were still -1.9% lower. This impact counterbalanced losses across other markets, since the combined weight of both countries makes up approximately 45% of the MSCI Emerging Markets Index.

Emerging market equities continue to offer fairly cheap valuations, yet sentiment has grown negative, especially as concerns around China are now mainstream. Outside of geopolitical tensions, the Chinese economy continues to show signs of struggle despite some small government stimulus efforts. The property market remains a large pain point, evidenced by credit stress and falling contracted sales amongst large property developers such as Country Garden and Evergrande.

EMERGING MARKET EQUITY



MSCI INDIA SECTOR WEIGHTS



Q3 2023 MSCI EM COUNTRY RETURNS (USD)



Source: MSCI, as of 9/30/23

Source: Bloomberg, MSCI, as of 9/30/23



Source: MSCI, as of 9/30/23

Investment Landscape

4th Quarter 2023

Equity valuations

Equity valuation disparities have grown even wider. U.S. equities are now priced at more than a 60% valuation premium (Price/Earnings) over international developed, averaging 22.5 and 13.8, respectively, during the quarter. Some of this gap can be explained by the greater concentration of U.S. markets in the technology sector, which tends to command higher valuations. However, as we see on the next slide, nearly all sectors are materially more expensive in U.S. markets relative to international developed markets.

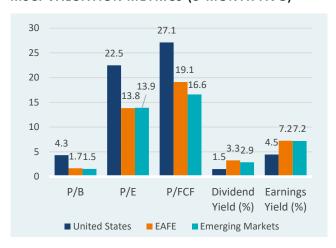
Despite very large valuation differences, we believe international developed equities currently provide lower

growth potential and unique challenges which may lead to further near-term underperformance relative to U.S equities.

Core fixed income now offers a yield greater than U.S. equities for the first time in more than two decades. Quickly rising interest rates should have theoretically resulted in a sharp fall in equity valuations in order to maintain the "equity risk premium" of stock returns over bond returns. This effect has not yet occurred, which may lead many investors to view bonds as relatively attractive (and stocks relatively less attractive) in the current environment.

Core fixed income is yielding more than equities for the first time in two decades

MSCI VALUATION METRICS (3-MONTH AVG)



Source: Bloomberg, as of 9/30/23

FORWARD PRICE/EARNINGS RATIO



Source: MSCI, Bloomberg, as of 9/30/23

U.S. VALUATIONS: BONDS VS. STOCKS



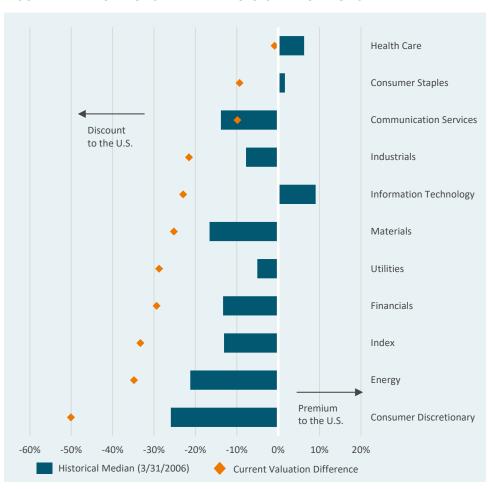
Source: Bloomberg, Standard & Poor's, as of 9/30/23



Investment Landscape4th Quarter 2023

International developed valuations

MSCI EAFE VALUATIONS RELATIVE TO U.S. VALUATIONS



Over the quarter, the valuation gap between domestic and international equites grew even larger. Sector weightings play a large role when evaluating the broader indices, as the U.S. holds a larger weight in growth-focused sectors such as Information Technology which tends to command a higher valuation.

The valuation disparity between U.S. and international developed equities has been a topic of interest recently, since historically these markets have shown a much smaller discount relative to one another.

An analysis of international developed Price/Earnings ratios shows that all sectors currently hold a valuation discount relative to U.S. shares, and that those discounts are generally much wider than the historical average.

Despite very large valuation differences, we believe international developed equities currently provide lower growth potential and unique challenges which may lead to further near-term underperformance relative to U.S equities. Specifically, stagnant economic growth and higher inflation in the Eurozone and U.K. may result in headwinds.

Source: Bloomberg, MSCI, as of 9/30/23



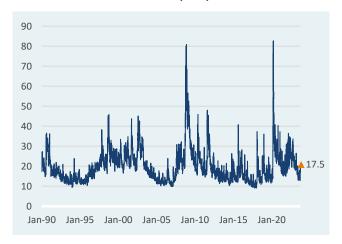
Market volatility

The Cboe VIX implied volatility index remained belowaverage for most of the third quarter, before rising to 17.5 to end September. Market risk has been falling fairly consistently throughout the year, which may be at least partly attributed to the perception that certain risks, such as regional bank contagion and near-term recession, seem to have eased.

Realized volatility of global equity markets has moderated, and is around average on a one-year basis. Emerging markets are an exception, displaying persistent elevated volatility. In contrast to recent years when emerging market volatility was lower than that of developed markets—an uncommon occurrence historically speaking—this trend has now reversed.

Bond markets have shown some shakiness, as indicated by the "MOVE" Index—which calculates the implied volatility of U.S. Treasury securities. This index has risen to levels not seen since the 2020 COVID-19 market selloff. Uncertainty around the Federal Reserve's interest rate path, potential recession, and the worsening U.S. fiscal situation, are likely contributing to greater Treasury market volatility.

U.S. IMPLIED VOLATILITY (VIX)



REALIZED VOLATILITY



U.S. TREASURY IMPLIED VOL ("MOVE" INDEX)



Source: S&P, MSCI, as of 9/30/23

Source: Bloomberg, as of 9/30/23



Source: Choe, as of 9/30/23

Investment Landscape

4th Quarter 2023

Long-term equity performance



Source: MPI, as of 9/30/23



Investment Landscape

4th Quarter 2023





Currency

Currency movements dragged portfolio performance lower for investors with unhedged foreign exposure. On a trade-weighted basis, the value of the U.S. dollar shot higher as investors questioned the falling inflation story and bond yields rose on the *higher for longer* interest rate narrative.

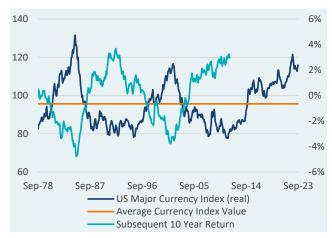
Investors with unhedged international developed equity exposure saw losses of -3.6% due to currency movements in Q3. After recently experiencing deep losses over multiple years from unhedged foreign currency exposure, along with ongoing volatility, many investors may be interested in exploring more thoughtful approaches to currency. A currency hedging program can reduce the uncompensated risk of unhedged foreign

currency exposure (what we call "embedded currency" risk). Additionally, the MSCI Currency Factor Mix Index—a representation of a passive investment in the currency market, by investing in currencies with higher interest rates, currencies that are undervalued, and currencies that are showing positive price momentum—has shown a positive one-year rolling return over most periods with low volatility. This is an approach to thoughtfully gain exposure to the currency market with the objective of generating a moderate positive return. A currency hedging program along with a passive investment in the currency market may allow investors to reduce overall portfolio risk while moderately increasing total portfolio expected returns.

EFFECT OF CURRENCY (1-YEAR ROLLING)



BLOOMBERG DOLLAR SPOT INDEX



Source: Bloomberg, as of 9/30/23

EMBEDDED CURRENCY VS CURRENCY FACTORS



Source: Bloomberg, MSCI, as of 9/30/23



Source: MSCI, as of 9/30/23

Investment Landscape

4th Quarter 2023

Commodities

Data pointing towards resilient economic growth was widely viewed as the initial driver of the "higher for longer" rate environment. Adding to this narrative in the third quarter was a tick up in energy costs due to supply side dynamics. This brought an increased focus to energy prices, as the four-decade high inflation experienced during 2022 was partly fueled by a rapid spike in oil and natural gas prices. As inflation has moderated back to levels closer to target, energy price movements have raised concerns of another potential catalyst for higher inflation, and therefore higher rates.

Oil was the largest contributor, as WTI and Brent Crude prices rose 24.3% and 28.5%, respectively. These significant price increases were driven by a combination of supply cuts by Saudi Arabia and Russia. A slowing economic outlook provides little motivation for oil companies to increase production.

From a performance standpoint, the outsized gain of the Bloomberg Commodity Energy Index (+19.6%) lifted the broader index, with the Bloomberg Commodity Index finishing the quarter up 4.7%.

A large jump in energy prices – specifically oil – has raised concerns over potentially higher inflation

ENERGY YEAR-OVER-YEAR CPI CHANGES

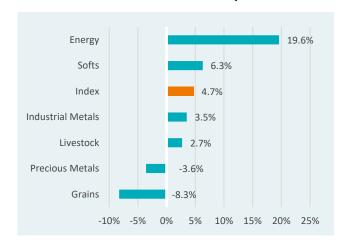


BRENT AND WTI CRUDE OIL PRICES



Source: Bloomberg, as of 9/30/23

BCOM SECTOR PERFORMANCE - Q3 2023



Source: Bloomberg, as of 9/30/23



Source: BLS, as of 9/30/23

Investment Landscape

4th Quarter 2023

Private real estate stalemate?

As summer ends, the real estate market looks much like it did as it began. Real estate transaction activity continues to be frozen, as buyers and sellers disagree about pricing, leading to a very large bid-ask spread. Private valuations remain higher than public, and write-downs should continue over the next several quarters. While movement has been slow thus far, opportunities may pick up as a wall of low interest rate loan maturities will be coming due and asset owners will need to either refinance at much higher rates, provide additional capital, and/or sell assets.

New capital should find a compelling environment to deploy in over the next several years at lower entry pricing. We are favoring managers experienced with investing in stressed and distressed environments and those with flexibility to invest across the debt and equity capital spectrum.

REAL ESTATE CAP RATE VS U.S. TREASURY YIELD

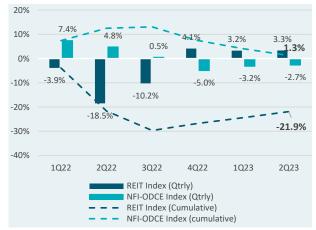


PROPERTY SALES (ANNUALIZED)



Source: NCREIF trends Report Q2 2023

PUBLIC VS PRIVATE REAL ESTATE PERFORMANCE



Source: NCREIF, Wilshire REIT Index



Source: NCREIF trends Report Q2

Investment Landscape

4th Quarter 2023

Hedge funds outperform, CTAs shine again

Hedge funds enjoyed broad outperformance vs markets in the third quarter as both stocks and bonds declined more than 3%. Most hedge fund strategies were actually positive on the quarter, reflected in the 0.8% return from the HFRI Composite Index.

Gains were led by Macro strategies while Event Driven was buoyed by a very strong quarter from Merger Arbitrage, rebounding after seeing spreads widen out earlier in the year. Popular Macro trades like short bonds and yield curve steepener paid off handsomely. Four of the last 7 quarters have seen simultaneous declines in the S&P 500 and the Bloomberg US Aggregate – in all of those, including the most recent one, CTAs have been positive.

Credit-focused strategies also outperformed high yield as duration impacts were hedged and higher, typically floating rate coupons in areas like asset-backed offset any credit deterioration.

3Q 2023 QUARTERLY RETURNS



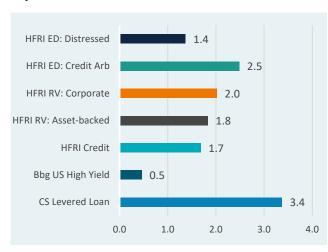
Source: HFR, MPI, as of 9/30/23

CTAS VS STOCKS/BONDS WHEN BOTH DECLINE



Source: MPI, SocGen. as of 9/30/23

3Q RETURNS FOR CREDIT STRATEGIES



Source: HFR, MPI, as of 9/30/23



Investment Landscape

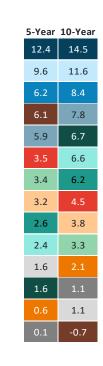
4th Quarter 2023

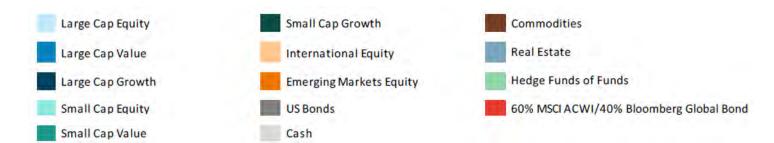




Periodic table of returns

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD
Large Cap Growth	56.3	26.0	34.5	32.6	39.8	5.2	79.0	29.1	14.3	18.6	43.3	13.5	13.3	31.7	37.3	6.7	36.4	38.5	28.3	16.1	25.0
Large Cap Equity	48.5	22.2	21.4	26.9	16.2	1.4	37.2	26.9	7.8	18.1	38.8	13.2	5.7	21.3	30.2	1.9	31.4	34.6	27.6	9.4	13.0
International Equity	47.3	20.7	20.1	23.5	15.8	-6.5	34.5	24.5	2.6	17.9	34.5	13.0	0.9	17.3	25.0	0.0	28.5	21.0	27.1	1.5	7.1
Small Cap Growth	46.0	18.3	14.0	22.2	11.8	-21.4	32.5	19.2	1.5	17.5	33.5	11.8	0.6	12.1	22.2	-1.5	26.5	20.0	26.5	-4.7	5.2
60/40 Global Portfolio	39.2	16.5	7.5	18.4	11.6	-25.9	28.4	16.8	0.4	16.4	33.1	6.0	0.0	11.8	21.7	-3.5	25.5	18.3	25.2	-7.5	5.1
Cash	30.0	14.5	7.1	16.6	10.9	-28.9	27.2	16.7	0.1	16.3	32.5	5.6	-0.4	11.3	17.1	-4.8	22.4	14.0	17.7	-13.0	3.6
Hedge Funds of Funds	29.9	14.3	6.3	15.5	10.3	-33.8	23.3	16.1	-2.1	15.3	23.3	4.9	-0.8	11.2	14.6	-6.0	22.0	10.3	14.8	-14.5	3.0
Small Cap Equity	29.7	12.9	5.3	15.1	7.0	-35.6	20.6	15.5	-2.9	14.6	12.1	4.2	-1.4	8.0	13.7	-8.3	18.6	7.8	11.3	-14.5	2.5
Emerging Markets Equity	25.2	11.4	4.7	13.3	7.0	-36.8	19.7	13.1	-4.2	11.5	11.0	3.4	-2.5	7.1	7.8	-9.3	18.4	7.5	8.9	-17.3	1.8
Large Cap Value	23.9	9.1	4.6	10.4	5.8	-37.6	18.9	10.2	-5.5	10.5	9.0	2.8	-3.8	5.7	7.7	-11.0	8.7	4.6	6.5	-19.1	1.8
Small Cap Value	11.6	6.9	4.6	9.1	4.4	-38.4	11.5	8.2	-5.7	4.8	0.1	0.0	-4.4	2.6	7.0	-11.2	7.8	2.8	2.8	-20.1	-0.5
US Bonds	9.0	6.3	4.2	4.8	-0.2	-38.5	5.9	6.5	-11.7	4.2	-2.0	-1.8	-7.5	1.0	3.5	-12.9	7.7	0.5	0.0	-20.4	-1.2
Commodities	4.1	4.3	3.2	4.3	-1.6	-43.1	0.2	5.7	-13.3	0.1	-2.3	-4.5	-14.9	0.5	1.7	-13.8	6.4	0.5	-1.5	-26.4	-3.4
Real Estate	1.0	1.4	2.4	2.1	-9.8	-53.2	-16.9	0.1	-18.2	-1.1	-9.5	-17.0	-24.7	0.3	0.9	-14.6	2.1	-3.1	-2.5	-29.1	-3.8





Source Data: Morningstar, Inc., Hedge Fund Research, Inc. (HFR), National Council of Real Estate Investment Fiduciaries (NCREIF). Indices used: Russell 1000, Russell 1000 Value, Russell 1000 Value, Russell 2000 Growth, MSCI EAFE, MSCI EM, Bloomberg US Aggregate, T-Bill 90 Day, Bloomberg Commodity, NCREIF Property, HFRI FOF, MSCI ACWI, Bloomberg Global Bond. NCREIF Property Index performance data as of 6/30/23.



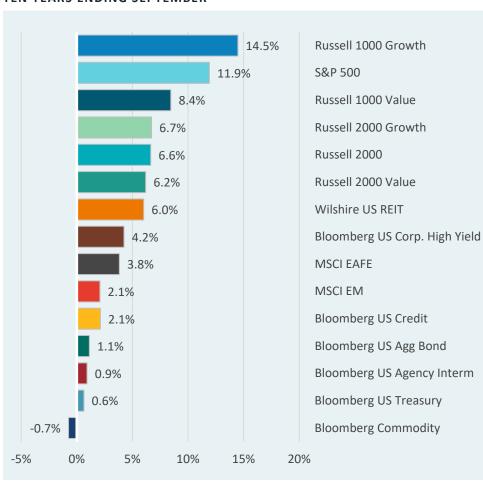
Investment Landscape
4th Quarter 2023

Major asset class returns

ONE YEAR ENDING SEPTEMBER



TEN YEARS ENDING SEPTEMBER



*Only publicly traded asset performance is shown here. Performance of private assets is typically released with a 3- to 6-month delay.

Source: Morningstar, as of 9/30/23

Source: Morningstar, as of 9/30/23

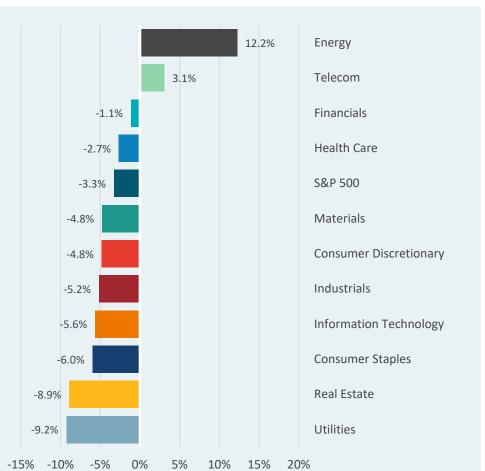


Investment Landscape

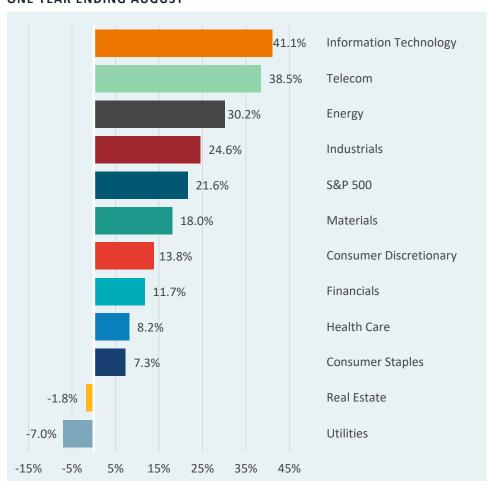
4th Quarter 2023

S&P 500 sector returns

QTD



ONE YEAR ENDING AUGUST



Source: Morningstar, as of 9/30/23

Source: Morningstar, as of 9/30/23



Investment Landscape

4th Quarter 2023

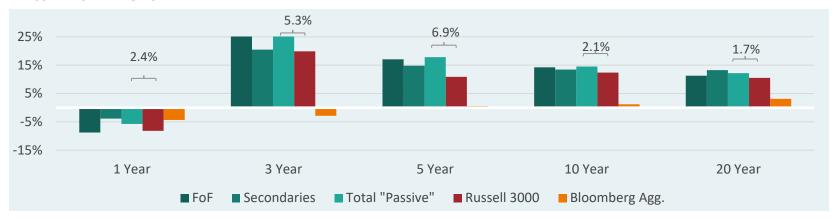
Private equity vs. traditional assets performance

DIRECT PRIVATE EQUITY FUND INVESTMENTS



Direct P.E Fund Investments outperformed comparable public equites across all time periods.

"PASSIVE" STRATEGIES



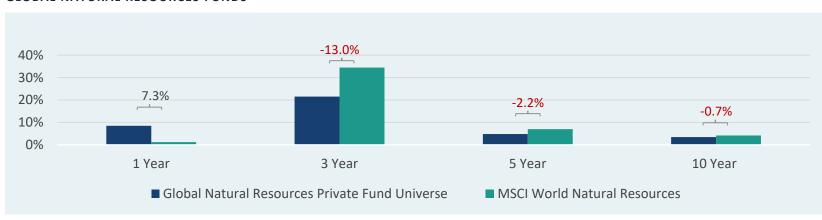
"Passive" strategies outperformed comparable public equities across all time periods.

Sources: Refinitiv PME: U.S. Private Equity Funds sub asset classes as of March 31, 2023. Public Market Equivalent returns resulted from "Total Passive" and Total Direct's identical cash flows invested into and distributed from respective traditional asset comparable.



Private vs. liquid real assets performance

GLOBAL NATURAL RESOURCES FUNDS



N.R. funds underperformed the MSCI World Natural Resources benchmark across all periods, aside the 1-year basis.

GLOBAL INFRASTRUCTURE FUNDS



Infra. funds outperformed the S&P Infra. across all periods, aside the 3-year basis.

Sources: Refinitiv PME: Global Natural Resources (vintage 1999 and later, inception of MSCI World Natural Resources benchmark) and Global Infrastructure (vintage 2002 and later, inception of S&P Infrastructure benchmark) universes as of March 31, 2023. Public Market Equivalent returns resulted from identical cash flows invested into and distributed from respective liquid real assets universes.

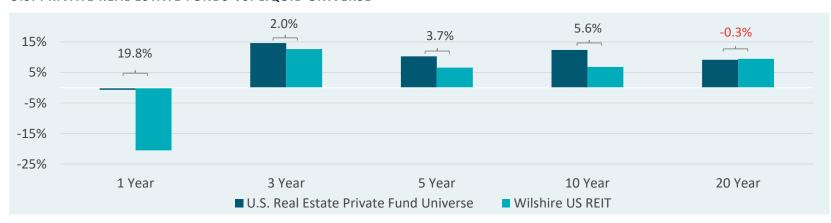


Investment Landscape

4th Quarter 2023

Private vs. liquid and core real estate performance

U.S. PRIVATE REAL ESTATE FUNDS VS. LIQUID UNIVERSE



U.S. Private
R.E. funds have
underperformed
the Wilshire
U.S. REIT Index
over the past 20
years, but
outperformed
more recently

U.S. PRIVATE REAL ESTATE FUNDS VS. CORE FUNDS



U.S. Private R.E. Funds outperformed the NCREIF Property Index across all time periods.

Sources: Refinitiv PME: U.S. Real Estate universes as of March 31, 2023. Public Market Equivalent returns resulted from identical cash flows invested into and distributed from respective liquid real estate universes.



Detailed index returns

DOMES	пс	EQU	ш	Y
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	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year
Core Index							
S&P 500	(4.8)	(3.3)	13.1	21.6	10.2	9.9	11.9
S&P 500 Equal Weighted	(5.1)	(4.9)	1.8	13.6	11.4	8.0	10.2
DJ Industrial Average	(3.4)	(2.1)	2.7	19.2	8.6	7.1	10.8
Russell Top 200	(4.6)	(2.7)	16.3	23.9	10.0	10.8	12.6
Russell 1000	(4.7)	(3.1)	13.0	21.2	9.5	9.6	11.6
Russell 2000	(5.9)	(5.1)	2.5	8.9	7.2	2.4	6.6
Russell 3000	(4.8)	(3.3)	12.4	20.5	9.4	9.1	11.3
Russell Mid Cap	(5.0)	(4.7)	3.9	13.4	8.1	6.4	9.0
Style Index							
Russell 1000 Growth	(5.4)	(3.1)	25.0	27.7	8.0	12.4	14.5
Russell 1000 Value	(3.9)	(3.2)	1.8	14.4	11.1	6.2	8.4
Russell 2000 Growth	(6.6)	(7.3)	5.2	9.6	1.1	1.6	6.7
Russell 2000 Value	(5.2)	(3.0)	(0.5)	7.8	13.3	2.6	6.2

INTERNATIONAL EQUITY

Broad Index								
MSCI ACWI	(4.1)	(3.4)	10.1	20.8	6.9	6.5	7.6	
MSCI ACWI ex US	(3.2)	(3.8)	5.3	20.4	3.7	2.6	3.3	
MSCI EAFE	(3.4)	(4.1)	7.1	25.6	5.8	3.2	3.8	
MSCI EM	(2.6)	(2.9)	1.8	11.7	(1.7)	0.6	2.1	
MSCI EAFE Small Cap	(4.4)	(3.5)	1.8	17.9	1.1	0.8	4.3	
Style Index								
MSCI EAFE Growth	(6.0)	(8.6)	4.3	20.0	0.4	3.2	4.4	
MSCI EAFE Value	(0.8)	0.6	9.9	31.5	11.1	2.8	3.0	
Regional Index								
MSCI UK	(0.8)	(1.5)	6.8	24.9	12.1	2.9	2.5	
MSCI Japan	(2.1)	(1.6)	11.2	25.9	2.8	2.1	4.4	
MSCI Euro	(5.4)	(7.5)	10.9	36.4	7.3	3.7	3.8	
MSCI EM Asia	(2.6)	(2.9)	1.0	11.9	(3.5)	1.0	3.8	
MSCI EM Latin American	(2.3)	(4.7)	12.9	19.4	15.1	2.8	0.2	

Source: Morningstar, HFRI, as of 9/30/23.

FIXED INCOME

	Month	QTD	YTD	1 Year	3 Year	5 Year	10 Year
Broad Index							
Bloomberg US TIPS	(1.8)	(2.6)	(8.0)	1.2	(2.0)	2.1	1.7
Bloomberg US Treasury Bills	0.4	1.3	3.6	4.6	1.7	1.7	1.1
Bloomberg US Agg Bond	(2.5)	(3.2)	(1.2)	0.6	(5.2)	0.1	1.1
Bloomberg US Universal	(2.4)	(2.9)	(0.6)	1.6	(4.7)	0.3	1.4
Duration							
Bloomberg US Treasury 1-3 Yr	(0.0)	0.7	1.7	2.4	(0.9)	1.0	0.8
Bloomberg US Treasury Long	(7.3)	(11.8)	(8.6)	(9.1)	(15.7)	(2.8)	0.8
Bloomberg US Treasury	(2.2)	(3.1)	(1.5)	(0.8)	(5.8)	(0.1)	0.6
Issuer							
Bloomberg US MBS	(3.2)	(4.1)	(2.3)	(0.2)	(5.1)	(0.8)	0.6
Bloomberg US Corp. High Yield	(1.2)	0.5	5.9	10.3	1.8	3.0	4.2
Bloomberg US Agency Interm	(0.3)	0.2	1.6	2.5	(2.0)	0.7	0.9
Bloomberg US Credit	(2.6)	(3.0)	0.0	3.5	(4.8)	0.9	2.1

OTHER

Index							
Bloomberg Commodity	(0.7)	4.7	(3.4)	(1.3)	16.2	6.1	(0.7)
Wilshire US REIT	(6.5)	(6.4)	(0.2)	3.9	5.7	2.9	6.0
CS Leveraged Loans	0.9	3.4	9.9	12.5	5.9	4.3	4.3
S&P Global Infrastructure	(4.7)	(7.3)	(3.7)	6.9	7.3	4.1	5.1
Alerian MLP	2.4	9.4	20.2	32.7	43.5	6.4	1.7
Regional Index							
JPM EMBI Global Div	(2.6)	(2.2)	1.8	10.0	(4.6)	(0.4)	2.5
JPM GBI-EM Global Div	(3.4)	(3.3)	4.3	13.1	(2.7)	(0.0)	(8.0)
Hedge Funds							
HFRI Composite	(0.2)	0.8	4.3	6.7	6.9	5.0	4.6
HFRI FOF Composite	(0.2)	0.7	3.0	4.8	3.8	3.4	3.3
Currency (Spot)							
Euro	(2.5)	(3.0)	(8.0)	8.1	(3.4)	(1.8)	(2.4)
Pound Sterling	(3.7)	(4.0)	1.5	9.3	(1.9)	(1.3)	(2.8)
Yen	(2.4)	(3.1)	(11.6)	(3.0)	(10.9)	(5.3)	(4.1)



Investment Landscape

4th Quarter 2023

Definitions

Bloomberg US Weekly Consumer Comfort Index - tracks the public's economic attitudes each week, providing a high-frequency read on consumer sentiment. The index, based on cell and landline telephone interviews with a random, representative national sample of U.S. adults, tracks Americans' ratings of the national economy, their personal finances and the buying climate on a weekly basis, with views of the economy's direction measured separately each month. (www.langerresearch.com)

University of Michigan Consumer Sentiment Index - A survey of consumer attitudes concerning both the present situation as well as expectations regarding economic conditions conducted by the University of Michigan. For the preliminary release approximately three hundred consumers are surveyed while five hundred are interviewed for the final figure. The level of consumer sentiment is related to the strength of consumer spending.

(www.Bloomberg.com)

NFIB Small Business Outlook - Small Business Economic Trends (SBET) is a monthly assessment of the U.S. small-business economy and its near-term prospects. Its data are collected through mail surveys to random samples of the National Federal of Independent Business (NFIB) membership. The survey contains three broad question types: recent performance, near-term forecasts, and demographics. The topics addressed include: outlook, sales, earnings, employment, employee compensation, investment, inventories, credit conditions, and single most important problem. (https://www.nfib-sbet.org/about/)

NAHB Housing Market Index – the housing market index is a weighted average of separate diffusion induces for three key single-family indices: market conditions for the sale of new homes at the present time, market conditions for the sale of new homes in the next six months, and the traffic of prospective buyers of new homes. The first two series are rated on a scale of Good, Fair, and Poor and the last is rated on a scale of High/Very High, Average, and Low/Very Low. A diffusion index is calculated for each series by applying the formula "(Good-Poor + 100)/2" to the present and future sales series and "(High/Very High-Low/Very Low + 100)/2" to the traffic series. Each resulting index is then seasonally adjusted and weighted to produce the HMI. Based on this calculation, the HMI can range between 0 and 100.

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Investment Landscape4th Quarter 2023

San Luis Obispo County Pension Trust

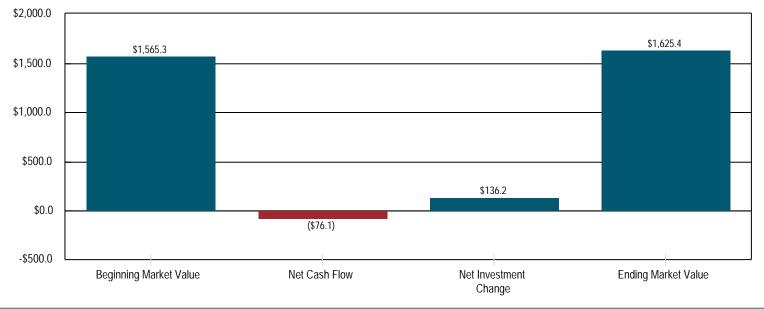
Investment Performance Review Period Ending: September 30, 2023



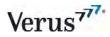
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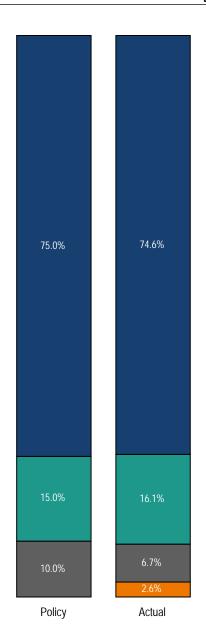
SEATTLE 206.622.3700 CHICAGO 312.815.5228 PITTSBURGH 412.784.6678 LOS ANGELES 310.297.1777 SAN FRANCISCO 415.362.3484

Portfolio Reconciliation										
	Last Three Months	Fiscal YTD	One Year							
Beginning Market Value	1,649,828,678	1,613,641,529	1,565,280,274							
Net Cash Flow	-6,825,719	-53,196,905	-76,110,183							
Net Investment Change	-17,610,039	64,926,174	136,200,707							
Ending Market Value	1,625,392,921	1,625,392,921	1,625,392,921							

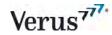


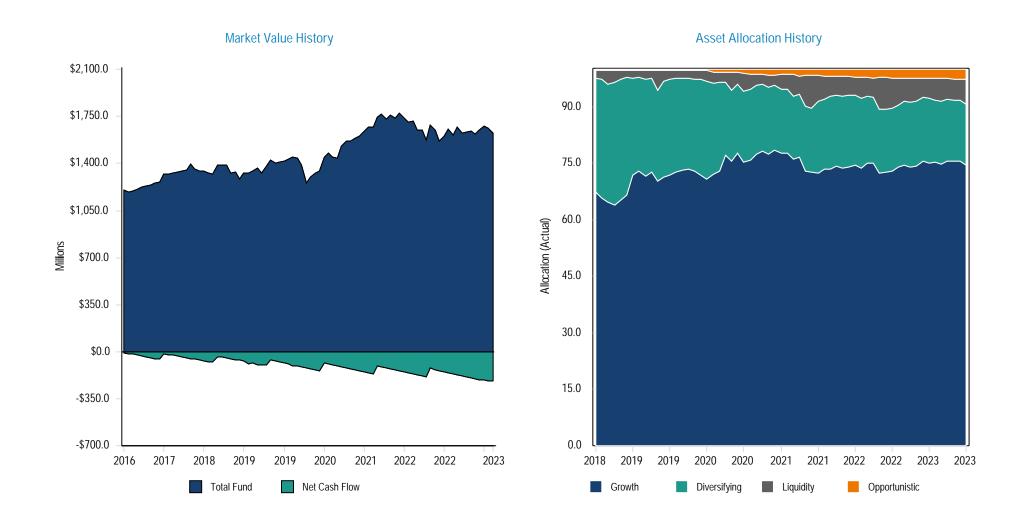






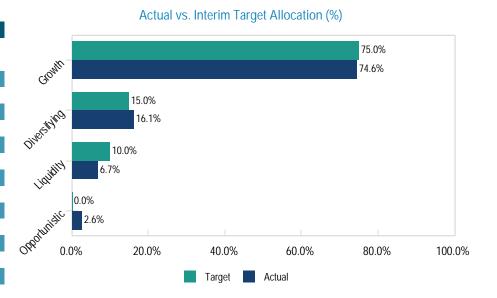
	Current Balance (\$)	Current Allocation (%)	Policy Allocation (%)	Excess Allocation (\$)	Policy Range (%)	Within IPS Range?
Growth	1,211,811,030	74.6	75.0	-7,233,661	25.0 - 95.0	Yes
Diversifying	262,008,636	16.1	15.0	18,199,698	5.0 - 30.0	Yes
Liquidity	108,764,582	6.7	10.0	-53,774,710	5.0 - 20.0	Yes
Opportunistic	42,808,673	2.6	0.0	42,808,673	0.0 - 10.0	Yes
Total	1,625,392,921	100.0	100.0			

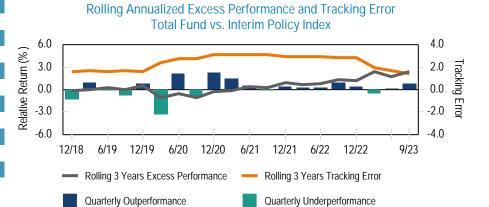






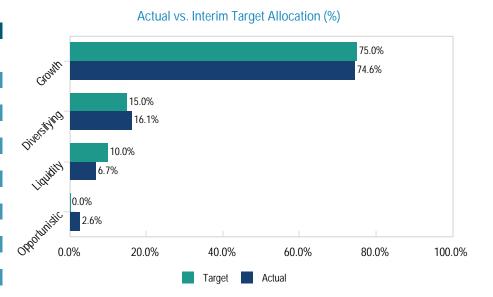
	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs
Total Fund	-1.0	4.3	9.1	6.8	5.9
Interim Policy Index	-1.8	3.7	8.1	4.4	5.1
FFP SAA Index	-0.7	4.3	7.2	8.0	7.7
Total Growth	-1.0	5.3	10.9	10.9	8.1
Custom Growth Benchmark	-1.4	6.1	11.6	8.3	7.8
Total Public Equity	-2.8	9.3	23.4	10.4	8.4
Russell 3000 Index	-3.3	12.4	20.5	9.4	9.1
Total Domestic Equity	-1.1	10.8	23.7	12.9	9.6
Russell 3000 Index	-3.3	12.4	20.5	9.4	9.1
Total International Equity	-4.8	7.4	23.0	7.3	6.9
MSCI AC World ex USA Index	-3.7	5.8	21.0	4.2	3.1
Total Private Equity	3.3	6.9	6.6	24.1	18.7
Private Equity Benchmark	3.3	6.9	6.6	24.1	-
Total Private Credit	3.3	7.1	8.3	10.8	7.8
Private Credit Benchmark	3.3	7.1	8.3	10.8	-
Total Real Estate	-2.7	-7.1	-11.3	6.1	4.7
NCREIF Property Index	-1.4	-5.1	-8.4	6.0	5.3
Total Risk Diversifying	-2.2	0.8	4.8	-2.8	0.2
Total Risk Diversifying Benchmark	-3.6	-1.8	0.4	-6.5	-0.7
Total Domestic Fixed Income	-1.3	2.4	4.6	-1.6	2.0
Blmbg. U.S. Aggregate Index	-3.2	-1.2	0.6	-5.2	0.1
Total Global Fixed	-5.4	-4.2	4.7	-6.7	-3.4
FTSE World Government Bond Index	-4.3	-2.7	1.0	-8.7	-2.6
Total Liquidity	0.6	2.2	2.7	0.5	1.1
90 Day U.S. Treasury Bill	1.3	3.6	4.5	1.7	1.7
Total Cash	0.6	2.2	2.7	0.5	1.1
90 Day U.S. Treasury Bill	1.3	3.6	4.5	1.7	1.7
Total Opportunistic	3.4	10.9	13.7	12.1	6.3
Russell 3000 + 3%	-2.5	14.9	24.1	12.7	12.4

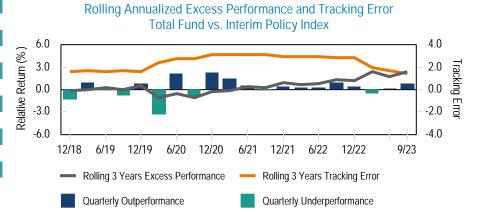






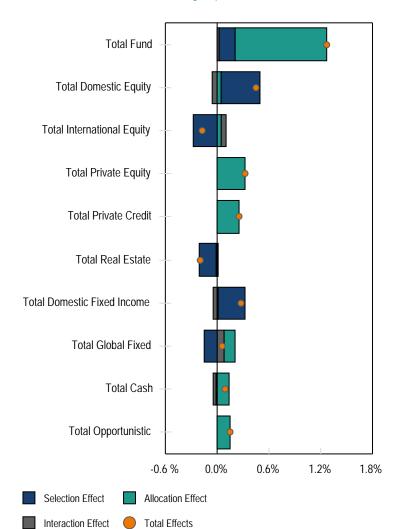
	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs
Total Fund	-1.1	4.0	8.8	6.5	5.5
Interim Policy Index	-1.8	3.7	8.1	4.4	5.1
FFP SAA Index	-0.7	4.3	7.2	8.0	7.7
Total Growth	-1.0	5.0	10.6	10.5	7.7
Custom Growth Benchmark	-1.4	6.1	11.6	8.3	7.8
Total Public Equity	-2.9	8.8	22.7	9.8	7.8
Russell 3000 Index	-3.3	12.4	20.5	9.4	9.1
Total Domestic Equity	-1.2	10.4	23.1	12.3	9.0
Russell 3000 Index	-3.3	12.4	20.5	9.4	9.1
Total International Equity	-5.0	6.9	22.2	6.6	6.2
MSCI AC World ex USA Index	-3.7	5.8	21.0	4.2	3.1
Total Private Equity	3.3	6.9	6.6	24.1	18.7
Private Equity Benchmark	3.3	6.9	6.6	24.1	-
Total Private Credit	3.3	7.1	8.3	10.8	7.8
Private Credit Benchmark	3.3	7.1	8.3	10.8	-
Total Real Estate	-2.7	-7.1	-11.3	6.1	4.7
NCREIF Property Index	-1.4	-5.1	-8.4	6.0	5.3
Total Risk Diversifying	-2.3	0.6	4.4	-3.2	-0.2
Total Risk Diversifying Benchmark	-3.6	-1.8	0.4	<i>-6.5</i>	-0.7
Total Domestic Fixed Income	-1.3	2.2	4.3	-1.8	1.7
Blmbg. U.S. Aggregate Index	-3.2	-1.2	0.6	-5.2	0.1
Total Global Fixed	-5.6	-4.8	3.9	-7.4	-4.0
FTSE World Government Bond Index	-4.3	-2.7	1.0	-8.7	-2.6
Total Liquidity	0.6	2.2	2.7	0.5	1.1
90 Day U.S. Treasury Bill	1.3	3.6	4.5	1.7	1.7
Total Cash	0.6	2.2	2.7	0.5	1.1
90 Day U.S. Treasury Bill	1.3	3.6	4.5	1.7	1.7
Total Opportunistic	3.4	10.9	13.7	12.1	6.3
Russell 3000 + 3%	-2.5	14.9	24.1	12.7	12.4







Attribution Effects 3 Months Ending September 30, 2023

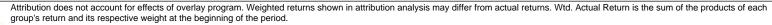


Performance Attribution 3 Months Ending September 30, 2023

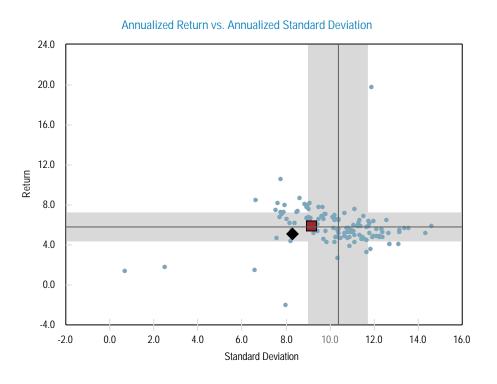
	3 Mo
Wtd. Actual Return	-1.1
Wtd. Index Return	-2.3
Excess Return	1.3
Selection Effect	0.2
Allocation Effect	1.1
Interaction Effect	0.0

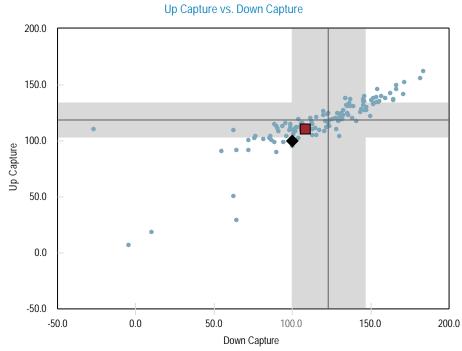
Attribution Summary 3 Months Ending September 30, 2023

	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects
Total Domestic Equity	-1.2	-3.3	2.0	0.5	0.0	-0.1	0.4
Total International Equity	-5.0	-3.7	-1.3	-0.3	0.0	0.1	-0.2
Total Private Equity	3.3	3.3	0.0	0.0	0.3	0.0	0.3
Total Private Credit	3.3	3.3	0.0	0.0	0.3	0.0	0.3
Total Real Estate	-2.7	-1.4	-1.3	-0.2	0.0	0.0	-0.2
Total Domestic Fixed Income	-1.3	-2.9	1.6	0.3	0.0	0.0	0.3
Total Global Fixed	-5.6	-4.3	-1.4	-0.2	0.1	0.1	0.1
Total Cash	0.5	1.3	-0.8	0.0	0.1	0.0	0.1
Total Opportunistic	3.4	-2.5	6.0	0.0	0.1	0.0	0.1
Total Fund	-1.1	-2.3	1.3	0.1	1.1	0.0	1.3



	Anlzd Ret	Ann Excess BM Return	Anlzd Std Dev	Anlzd Alpha	Beta	Tracking Error	R-Squared	Sharpe Ratio	Info Ratio	Up Mkt Cap Ratio	Down Mkt Cap Ratio
Total Fund	5.88	0.73	9.14	0.41	1.07	2.29	0.94	0.48	0.34	110.32	108.02



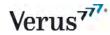


All Public Plans > \$1B-Total Fund

	Return	Deviation
■ Total Fund	5.88	9.14
Interim Policy Index	5.15	8.31
Median	5.80	10.36
Population	123	123

All Public Plans > \$1B-Total Fund

Up	Down
Capture	Capture
110.32	108.02
100.00	100.00
119.00	123.13
123	123
	Capture 110.32 100.00 119.00

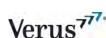








	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018	Inception	Inception Date
Total Fund	1,625,392,921	100.0	-1.0	4.3	9.1	6.8	5.9	6.2	-7.8	15.4	9.6	16.3	-3.1		
Interim Policy Index			-1.8	3.7	8.1	4.4	5.1	5.8	-9.6	12.9	10.3	15.3	-2.1		
FFP SAA Index			-0.7	4.3	7.2	8.0	7.7	-	-6.7	21.4	11.5	12.6	3.0		
InvMetrics Public DB > \$1B Rank			14	51	76	33	37	64	24	53	76	71	44		
Total Growth	1,140,209,161	70.1	-1.0	5.3	10.9	10.9	8.1	8.5	-7.2	23.6	11.2	20.3	-4.0		
Custom Growth Benchmark			-1.4	6.1	11.6	8.3	7.8	8.2	-8.4	19.6	13.4	19.5	-2.8		
Total Public Equity	550,945,000	33.9	-2.8	9.3	23.4	10.4	8.4	9.0	-13.4	20.3	16.5	29.8	-9.0		
Russell 3000 Index			-3.3	12.4	20.5	9.4	9.1	11.3	-19.2	25.7	20.9	31.0	-5.2		
InvMetrics Public DB Total Equity Rank			10	47	4	2	1	1	3	4	34	15	37		
Total Domestic Equity	314,054,722	19.3	-1.1	10.8	23.7	12.9	9.6	11.5	-10.4	25.3	13.7	29.4	-5.2		
Russell 3000 Index			-3.3	12.4	20.5	9.4	9.1	11.3	-19.2	25.7	20.9	31.0	-5.2		
InvMetrics Public DB US Equity Rank			1	51	3	9	6	12	5	58	93	<i>75</i>	40		
PIMCO RAE US	86,088,686	5.3	0.6	5.4	20.7	15.4	8.1	10.2	-3.0	28.3	4.4	25.5	-6.6	8.6	Dec-07
S&P 500 Index			-3.3	13.1	21.6	10.2	9.9	11.9	-18.1	28.7	18.4	31.5	-4.4	9.1	
eV US Large Cap Core Equity Rank			1	<i>75</i>	42	2	76	81	4	46	97	<i>85</i>	77		
Loomis Sayles Large Cap Growth	78,906,183	4.9	-3.8	32.8	41.5	7.9	12.5	-	-27.0	19.4	32.8	32.7	-1.7	16.0	Jan-17
Russell 1000 Growth Index			-3.1	25.0	27.7	8.0	12.4	-	-29.1	27.6	38.5	36.4	-1.5	15.7	
eV US Large Cap Growth Equity Rank			66	4	1	32	19	-	40	81	61	66	60		
Boston Partners Large Cap Value	75,650,834	4.7	0.7	5.1	18.5	16.3	7.8	-	-3.8	30.9	2.4	24.3	-8.5	9.5	Feb-17
Russell 1000 Value Index			-3.2	1.8	14.4	11.1	6.2	-	-7.5	25.2	2.8	26.5	-8.3	7.2	
eV US Large Cap Value Equity Rank			4	32	31	14	47	-	36	21	66	79	57		
Atlanta Capital Mgmt	73,409,020	4.5	-2.0	3.3	15.2	12.2	8.1	11.9	-7.9	23.0	11.4	35.1	-4.5	14.9	Sep-10
Russell 2500 Index			-4.8	3.6	11.3	8.4	4.5	7.9	-18.4	18.2	20.0	27.8	-10.0	11.1	
eV US Small-Mid Cap Equity Rank			14	66	43	41	24	5	14	57	63	13	25		
Total International Equity	236,890,278	14.6	-4.8	7.4	23.0	7.3	6.9	6.4	-17.4	15.1	19.4	30.2	-12.2		
MSCI AC World ex USA Index			-3.7	5.8	21.0	4.2	3.1	3.8	-15.6	8.3	11.1	22.1	-13.8		
InvMetrics Public DB Global ex-US Equity Rank			72	45	35	11	1	1	56	7	5	1	24		
Dodge & Cox Intl Stock	124,713,033	7.7	-1.2	9.8	27.5	12.8	5.1	4.7	-6.2	11.7	2.8	23.6	-17.5	3.4	Dec-07
MSCI AC World ex USA Value			0.1	8.9	26.1	10.3	3.0	3.2	-8.0	11.1	-0.2	16.5	-13.4	1.7	
eV ACWI ex-US All Cap Value Eq Rank			34	40	49	11	26	32	15	42	54	37	97		
WCM International Growth	112,177,245	6.9	-8.6	5.1	18.4	1.7	7.6	-	-28.2	18.5	34.0	36.7	-6.7	10.2	Feb-17
MSCI AC World ex USA Growth			-7.3	2.9	16.2	-1.6	2.9	-	-22.8	5.4	22.6	27.8	-14.1	5.3	
MISCI AC MUNU EX USA GIUMIN															



Since Inception ranking is from the beginning of the first complete month of performance. Stone Harbor Local Markets terminated 3/22/2019. Ashmore EM Blended Debt funded 3/31/2019. Direct RE liquidated as of 12/19/2019. Pathway Private Equity Fund Investors 10 L.P. funded 3/25/2020. Sixth Street Partners TAO funded 4/16/2020. Gresham liquidated as of 9/30/2020. PIMCO Short Duration funded 7/14/2021. SSGA U.S. Govt Bond Index funded 7/16/2021. BlackRock TIPS funded 9/1/2021. Effective 1/01/2017, only traditional asset classes (public equity, public fixed income, REITs) investment management fees will be included in the gross of fee return calculation.

	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018	Inception	Inception Date
Total Private Equity	194,559,258	12.0													
Harbourvest Partners IX Buyout Fund L.P.	12,271,667	8.0													
Pathway Private Equity Fund Investors 9 L.P.	83,357,396	5.1													
Harbourvest 2018 Global Fund L.P.	21,549,977	1.3													
Harbourvest SLO Fund Private Equity	59,591,369	3.7													
Pathway Private Equity Fund Investors 10 L.P.	17,788,849	1.1													
Total Private Credit	165,383,269	10.2													
Harbourvest SLO Credit Fund	77,858,065	4.8													
Sixth Street Partners DCP	87,525,204	5.4													
Total Real Estate	229,321,635	14.1	-2.7	-7.1	-11.3	6.1	4.7	7.6	6.7	18.7	1.1	4.3	7.5		
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7	6.6	
JP Morgan Core Real Estate	148,939,122	9.2	-3.1	-7.5	-12.1	5.7	4.1	7.0	4.3	20.2	0.5	3.4	7.0	5.2	Mar-08
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	8.2	7.5	22.2	1.2	5.3	8.3	5.4	
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7	5.9	
ARA American Strategic Value Realty	78,582,513	4.8	-1.8	-6.3	-9.6	6.4	6.3	-	12.3	14.0	3.8	7.3	9.1	7.2	Jul-16
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	-	7.5	22.2	1.2	5.3	8.3	6.4	
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	-	5.5	17.7	1.6	6.4	6.7	5.8	
Brookfield Infrastructure Fund	1,800,000	0.1													
Total Risk Diversifying	333,610,505	20.5	-2.2	0.8	4.8	-2.8	0.2	1.3	-11.6	-1.5	6.6	8.8	-1.8		
Total Risk Diversifying Benchmark			-3.6	-1.8	0.4	-6.5	-0.7	0.7	-14.6	-3.2	7.5	8.7	0.0		
Total Domestic Fixed Income	262,008,636	16.1	-1.3	2.4	4.6	-1.6	2.0	2.5	-9.6	0.9	8.1	9.9	0.4		
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	1.1	-13.0	-1.5	7.5	8.7	0.0		
InvMetrics Public DB US Fixed Income Rank			18	8	11	11	18	12	16	15	69	23	34		
BlackRock Core Bond	2,896	0.0	1.1	-1.0	1.1	-5.4	0.4	-	-14.1	-1.6	9.4	10.2	0.3	0.6	Feb-17
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	-	-13.0	-1.5	7.5	8.7	0.0	0.3	
eV US Core Fixed Inc Rank			1	81	63	96	<i>78</i>	-	95	<i>78</i>	24	10	25		
Dodge & Cox Income Fund	59,187,210	3.6	-2.7	0.7	3.5	-2.8	1.7	-	-10.5	-0.5	9.9	10.2	0.1	2.0	Jan-17
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	-	-13.0	-1.5	7.5	8.7	0.0	0.4	
eV US Core Fixed Inc Rank			23	11	5	4	4	-	12	21	14	10	41		
Pacific Asset Corporate Loan	65,259,836	4.0	3.5	11.0	14.2	6.4	4.9	-	-0.2	5.6	3.0	9.1	1.0	4.9	Sep-14
Morningstar LSTA US Leveraged Loan			3.4	10.1	13.0	6.1	4.5	-	-0.8	5.2	3.1	8.6	0.4	4.3	
eV US Float-Rate Bank Loan Fixed Inc Rank			24	15	12	20	18	-	24	41	48	43	38		



Total Fund Performance Summary (Gross of Fees)

San Luis Obispo County Pension Trust Period Ending: September 30, 2023

SSGA U.S. Govt Bond Index	Sep-21
BlackRock TIPS	Sep-21
BlackRock TIPS	•
Standywine Global Fixed Income 1,601,868 1,2 1,0 1	•
eVUS TIPS / Inflation Fixed Inc Rank 64 50 60 - - 81 -	
Total Global Fixed 71,601,868 4.4 -5.4 -4.2 4.7 -6.7 -3.4 -1.9 -16.8 -7.0 6.7 7.4 -4.3 FTSE World Government Bond Index -4.3 -2.7 1.0 -8.7 -2.6 -1.2 -18.3 -7.0 10.1 5.9 -0.8 Brandywine Global Fixed Income 34,218,261 2.1 -7.1 -6.2 1.1 -5.4 - - -13.5 -4.0 - - -3 FTSE Non-U.S. World Government Bond -5.2 -3.7 2.5 -10.8 - - -22.1 -9.7 - - -3 - eV All Global Fixed Inc Rank 9.9 9.9 9.9 1.7 - - -19.9 -9.5 3.2 - - -5 Ashmore EM Blended Debt Fund 37,383,607 2.3 -3.9 -2.4 7.9 -7.9 - - -19.9 -9.5 3.2 - - -5 50% JPM EMBI GD/25% JPM GBI EM	
FTSE World Government Bond Index -4.3 2.7 1.0 -8.7 2.6 -1.2 -18.3 -7.0 10.1 5.9 -0.8 Brandywine Global Fixed Income 34,218,261 2.1 -7.1 -6.2 1.1 -5.4 - -13.5 -4.0 - - -3 -3 FTSE Non-U.S World Government Bond -5.2 -3.7 2.5 -10.8 - -2.21 -9.7 - - -3 eV All Global Fixed Inc Rank 99 99 91 74 - - -5.5 70 - - - - - - -5 -5 -	
Brandywine Global Fixed Income 34,218,261 2.1 -7.1 -6.2 1.1 -5.4 - -13.5 -4.0 - - -3.3 FTSE Non-U.S. World Government Bond -5.2 -3.7 2.5 -10.8 - -22.1 -9.7 - - -8.6 eV All Global Fixed Inc Rank 99 99 91 74 - - -5.5 70 - - -8.6 Ashmore EM Blended Debt Fund 37,383,607 2.3 -3.9 -2.4 7.9 -7.9 - - -19.9 -9.5 3.2 - - -5.5 50% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+ - -2.2 2.7 10.9 -3.1 - -13.6 -3.9 3.9 - - -7.8 eV All Emg Mkts Fixed Inc Rank 108,764,582 6.7 0.6 2.2 2.7 0.5 1.1 1.7 -1.0 0.3 1.5 2.1 1.6 90 Day U.S. Treasury Bill 1.3 3.6	
FTSE Non-U.S. World Government Bond eV All Global Fixed Inc Rank 99 99 97 74 555 70	
eV All Global Fixed Inc Rank 99 99 91 74 - - 55 70 -	Jul-20
Ashmore EM Blended Debt Fund 37,383,607 2.3 -3.9 -2.4 7.9 -7.919.9 -9.5 3.25.5 5.0% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+ -2.2 2.7 10.9 -3.113.6 -3.9 3.95.5 5.0% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+ -2.2 2.7 10.9 -3.1 13.6 -3.9 3.97.5 5.5 5.0% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+ -2.2 2.7 10.9 -3.1 13.6 -3.9 3.9	
50% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+ -2.2 2.7 10.9 -3.1 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 3.9 - 13.6 -3.9 -3.9 -3.0	
eV All Eng Mkts Fixed Inc Rank 89 99 83 99 - - 95 97 86 - - Total Liquidity 108,764,582 6.7 0.6 2.2 2.7 0.5 1.1 1.7 -1.0 0.3 1.5 2.1 1.6 90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.7 1.1 1.5 0.0 0.7 2.3 1.9 PIMCO Short Duration Fund 33,831,598 2.1 0.9 2.2 3.1 -	Apr-19
Total Liquidity 108,764,582 6.7 0.6 2.2 2.7 0.5 1.1 1.7 -1.0 0.3 1.5 2.1 1.6 90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.7 1.1 1.5 0.0 0.7 2.3 1.9 Total Cash 108,764,582 6.7 0.6 2.2 2.7 0.5 1.1 1.7 -1.0 0.3 1.5 2.1 1.6 90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.7 1.1 1.5 0.0 0.7 2.3 1.9 PIMCO Short Duration Fund 33,831,598 2.1 0.9 2.2 3.1 -	
90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.1 1.5 0.0 0.7 2.3 1.9 Total Cash 108,764,582 6.7 0.6 2.2 2.7 0.5 1.1 1.7 -1.0 0.3 1.5 2.1 1.6 90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.7 1.1 1.5 0.0 0.7 2.3 1.9 PIMCO Short Duration Fund 33,831,598 2.1 0.9 2.2 3.1 - - - -4.3 - - - -4.3 - - - - -3.7 -	
Total Cash 108,764,582 6.7 0.6 2.2 2.7 0.5 1.1 1.7 -1.0 0.3 1.5 2.1 1.6 90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.1 1.5 0.0 0.7 2.3 1.9 PIMCO Short Duration Fund 33,831,598 2.1 0.9 2.2 3.1 - - - -4.3 -	
90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.1 1.5 0.0 0.7 2.3 1.9 PIMCO Short Duration Fund 33,831,598 2.1 0.9 2.2 3.1 - - - -4.3 - - - - -1. Blmbg. 1-3 Year Gov/Credit index 0.7 1.9 2.8 - - - -3.7 - - - -1.	
PIMCO Short Duration Fund 33,831,598 2.1 0.9 2.2 3.1 - - -4.3 - - -1.0 BImbg. 1-3 Year Gov/Credit index 0.7 1.9 2.8 - - -3.7 - - -1.0	
Blmbg. 1-3 Year Gov/Credit index 0.7 1.9 2.8 1.9	
	Jul-21
Short-Term Bond Rank 50 72 80 49	
Office Form Boria Harm	
Cash Account 35,907,369 2.2 0.0 1.7 2.0 1.1 1.5 1.1 0.4 0.8 1.9 2.2 1.5	Sep-05
90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.7 1.7 1.1 1.5 0.0 0.7 2.3 1.9 1.	
Investment Cash 39,025,615 2.4 0.9 2.6 3.5 0.9 1.	Jun-21
90 Day U.S. Treasury Bill 1.3 3.6 4.5 1.5 2.	
Total Opportunistic 42,808,673 2.6	
Kohlberg Kravis Roberts & Co. Mezzanine Partners I 3,390,896 0.2	
Sixth Street Partners TAO 39,417,777 2.4	



	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018	Inception	Inception Date
Total Fund	1,625,392,921	100.0	-1.1	4.0	8.8	6.5	5.5	5.8	-8.1	14.9	9.2	15.8	-3.5		Feb-07
Interim Policy Index			-1.8	3.7	8.1	4.4	5.1	5.8	-9.6	12.9	10.3	15.3	-2.1		
FFP SAA Index			-0.7	4.3	7.2	8.0	7.7	-	-6.7	21.4	11.5	12.6	3.0		
Total Growth	1,140,209,161	70.1	-1.0	5.0	10.6	10.5	7.7	8.0	-7.5	23.1	10.8	19.9	-4.4		
Custom Growth Benchmark			-1.4	6.1	11.6	8.3	7.8	8.2	-8.4	19.6	13.4	19.5	-2.8		
Total Public Equity	550,945,000	33.9	-2.9	8.8	22.7	9.8	7.8	8.5	-13.9	19.6	15.9	29.1	-9.5		
Russell 3000 Index			-3.3	12.4	20.5	9.4	9.1	11.3	-19.2	25.7	20.9	31.0	-5.2		
Total Domestic Equity	314,054,722	19.3	-1.2	10.4	23.1	12.3	9.0	11.0	-10.8	24.6	13.1	28.7	-5.7		
Russell 3000 Index			-3.3	12.4	20.5	9.4	9.1	11.3	-19.2	25.7	20.9	31.0	-5.2		
PIMCO RAE US	86,088,686	5.3	0.5	5.1	20.3	15.0	7.7	9.7	-3.4	27.8	3.9	25.0	-7.0	8.2	Dec-07
S&P 500 Index			-3.3	13.1	21.6	10.2	9.9	11.9	-18.1	28.7	18.4	31.5	-4.4	9.2	
Loomis Sayles Large Cap Growth	78,906,183	4.9	-3.9	32.4	40.8	7.5	12.0	-	-27.4	18.9	32.3	32.1	-2.1	15.5	Jan-17
Russell 1000 Growth Index			-3.1	25.0	27.7	8.0	12.4	-	-29.1	27.6	38.5	36.4	-1.5	<i>15.7</i>	
Boston Partners Large Cap Value	75,650,834	4.7	0.6	4.8	18.0	15.9	7.3	-	-4.2	30.4	2.0	23.8	-8.9	9.1	Feb-17
Russell 1000 Value Index			-3.2	1.8	14.4	11.1	6.2	-	-7.5	25.2	2.8	26.5	-8.3	7.2	
Atlanta Capital Mgmt	73,409,020	4.5	-2.2	2.7	14.3	11.3	7.2	11.0	-8.7	22.0	10.5	34.1	-5.3	14.1	Sep-10
Russell 2500 Index			-4.8	3.6	11.3	8.4	4.5	7.9	-18.4	18.2	20.0	27.8	-10.0	11.1	
Total International Equity	236,890,278	14.6	-5.0	6.9	22.2	6.6	6.2	5.7	-17.9	14.4	18.6	29.3	-12.8		
MSCI AC World ex USA Index			-3.7	5.8	21.0	4.2	3.1	3.8	-15.6	8.3	11.1	22.1	-13.8	2.4	
Dodge & Cox Intl Stock	124,713,033	7.7	-1.3	9.3	26.7	12.1	4.4	4.1	-6.8	11.0	2.1	22.8	-18.0	2.9	Dec-07
MSCI AC World ex USA Value			0.1	8.9	26.1	10.3	3.0	3.2	-8.0	11.1	-0.2	16.5	-13.4	1.7	
WCM International Growth	112,177,245	6.9	-8.7	4.6	17.6	1.0	6.9	-	-28.6	17.7	33.1	35.8	-7.4	9.5	Feb-17
MSCI AC World ex USA Growth			-7.3	2.9	16.2	-1.6	2.9	-	-22.8	5.4	22.6	27.8	-14.1	5.3	

	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018	Inception	Inception Date
Total Private Equity	194,559,258	12.0													
Harbourvest Partners IX Buyout Fund L.P.	12,271,667	8.0													
Pathway Private Equity Fund Investors 9 L.P.	83,357,396	5.1													
Harbourvest 2018 Global Fund L.P.	21,549,977	1.3													
Harbourvest SLO Fund Private Equity	59,591,369	3.7													
Pathway Private Equity Fund Investors 10 L.P.	17,788,849	1.1													
Total Private Credit	165,383,269	10.2													
Harbourvest SLO Credit Fund	77,858,065	4.8													
Sixth Street Partners DCP	87,525,204	5.4													
Total Real Estate	229,321,635	14.1	-2.7	-7.1	-11.3	6.1	4.7	7.3	6.7	18.7	1.1	4.3	7.5		
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7		
JP Morgan Core Real Estate	148,939,122	9.2	-3.1	-7.5	-12.1	5.7	4.1	6.7	4.3	20.2	0.5	3.4	7.0	4.7	Mar-08
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	8.2	7.5	22.2	1.2	5.3	8.3	5.4	
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7	5.9	
ARA American Strategic Value Realty	78,582,513	4.8	-1.8	-6.3	-9.6	6.4	6.3	-	12.3	14.0	3.8	7.3	9.1	7.1	Jul-16
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	-	7.5	22.2	1.2	5.3	8.3	6.4	
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	-	5.5	17.7	1.6	6.4	6.7	5.8	
Brookfield Infrastructure Fund	1,800,000	0.1	0.0	-	-	-	-	-	-	-	-	-	-	0.0	Jul-23
Total Risk Diversifying	333,610,505	20.5	-2.3	0.6	4.4	-3.2	-0.2	0.9	-12.0	-2.0	6.1	8.4	-2.2		
Total Risk Diversifying Benchmark			-3.6	-1.8	0.4	<i>-6.5</i>	<i>-0.7</i>	0.7	-14.6	-3.2	7.5	8.7	0.0	*	
Total Domestic Fixed Income	262,008,636	16.1	-1.3	2.2	4.3	-1.8	1.7	2.2	-9.9	0.5	7.7	9.5	0.0		
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	1.1	-13.0	-1.5	7.5	8.7	0.0	2.7	
BlackRock Core Bond	2,896	0.0	1.0	-1.3	8.0	-5.7	0.1	-	-14.4	-1.8	9.1	9.9	0.1	0.3	Feb-17
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	-	-13.0	-1.5	7.5	8.7	0.0	0.3	
Dodge & Cox Income Fund	59,187,210	3.6	-2.8	0.3	3.1	-3.2	1.3	-	-10.9	-0.9	9.4	9.7	-0.3	1.5	Feb-17
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	-	-13.0	-1.5	7.5	8.7	0.0	0.3	
Pacific Asset Corporate Loan	65,259,836	4.0	3.4	10.7	13.8	6.0	4.6	-	-0.5	5.2	2.6	8.7	0.7	4.5	Sep-14
Morningstar LSTA US Leveraged Loan			3.4	10.1	13.0	6.1	4.5	-	-0.8	5.2	3.1	8.6	0.4	4.3	



Total Fund Performance Summary (Net of Fees)

San Luis Obispo County Pension Trust Period Ending: September 30, 2023

	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018	Inception	Inception Date
SSGA U.S. Govt Bond Index	76,402,350	4.7	-3.0	-1.3	-0.7	-	-	-	-12.5	-	-	-	-	-6.7	Jul-21
Blmbg. U.S. Treasury: 7-10 Year			-4.4	-2.9	-1.9	-	-	-	-14.9	-	-	-	-	-8.7	
BlackRock TIPS	61,156,345	3.8	-2.6	-0.5	1.3	-	-	-	-11.9	-	-	-	-	-5.4	Sep-21
Blmbg. U.S. TIPS			-2.6	-0.8	1.2	-	-	-	-11.8	-	-	-	-	-5.5	
Total Global Fixed	71,601,868	4.4	-5.6	-4.8	3.9	-7.4	-4.0	-2.4	-17.5	-7.7	6.0	6.9	-4.7		
FTSE World Government Bond Index			-4.3	-2.7	1.0	-8.7	-2.6	-1.2	-18.3	-7.0	10.1	5.9	-0.8		
Brandywine Global Fixed Income	34,218,261	2.1	-7.3	-6.6	0.6	-5.9	-	-	-14.0	-4.4	-	-	-	-4.3	Jul-20
FTSE Non-U.S. World Government Bond			-5.2	-3.7	2.5	-10.8	-	-	-22.1	-9.7	-	-	-	-8.7	
Ashmore EM Blended Debt Fund	37,383,607	2.3	-4.2	-3.2	6.8	-8.8	-	-	-20.7	-10.4	2.1	-	-	-6.6	Apr-19
50% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+			-2.2	2.7	10.9	-3.1	-	-	-13.6	-3.9	3.9	-	-	-1.1	
Total Liquidity	108,764,582	6.7	0.5	2.0	2.5	0.4	1.1	1.7	-1.2	0.2	1.5	2.1	1.6		
90 Day U.S. Treasury Bill			1.3	3.6	4.5	1.7	1.7	1.1	1.5	0.0	0.7	2.3	1.9		
Total Cash	108,764,582	6.7	0.5	2.0	2.5	0.4	1.1	1.7	-1.2	0.2	1.5	2.1	1.6		
90 Day U.S. Treasury Bill			1.3	3.6	4.5	1.7	1.7	1.1	1.5	0.0	0.7	2.3	1.9		
PIMCO Short Duration Fund	33,831,598	2.1	0.8	1.8	2.6	-	-	-	-4.7	-	-	-	-	-1.7	Jul-21
Blmbg. 1-3 Year Gov/Credit index			0.7	1.9	2.8	-	-	-	-3.7	-	-	-	-	-1.1	
Cash Account	35,907,369	2.2	0.0	1.7	2.0	1.1	1.5	1.1	0.4	8.0	1.9	2.2	1.5		
90 Day U.S. Treasury Bill			1.3	3.6	4.5	1.7	1.7	1.1	1.5	0.0	0.7	2.3	1.9		
Investment Cash	39,025,615	2.4	0.9	2.6	3.5	-	-	-	0.9	-	-	-	-	1.5	Jun-21
90 Day U.S. Treasury Bill			1.3	3.6	4.5	-	-	-	1.5	-	-	-	-	2.2	
Total Opportunistic	42,808,673	2.6													
Kohlberg Kravis Roberts & Co. Mezzanine Partners I	3,390,896	0.2													
Sixth Street Partners TAO	39,417,777	2.4													



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	Anlzd Ret	Ann Excess BM Return	Anlzd Std Dev	Anlzd Alpha	Beta	Tracking Error	R-Squared	Sharpe Ratio	Info Ratio	Up Mkt Cap Ratio	Down Mkt Cap Ratio
PIMCO RAE US	14.97	4.82	18.24	5.58	0.91	8.95	0.77	0.76	0.49	93.31	68.34
Loomis Sayles Large Cap Growth	7.46	-0.51	21.20	-0.25	0.99	5.97	0.92	0.37	-0.06	97.85	98.36
Boston Partners Large Cap Value	15.88	4.83	17.67	4.43	1.00	3.29	0.97	0.83	1.32	104.51	84.98
Atlanta Capital Mgmt	11.34	2.95	17.84	4.25	0.80	7.59	0.87	0.60	0.28	88.81	75.14
Dodge & Cox Intl Stock	12.12	1.82	20.35	0.69	1.13	4.89	0.95	0.58	0.43	116.84	115.66
WCM International Growth	1.03	2.59	20.25	3.17	1.09	6.80	0.89	0.07	0.46	116.61	103.64
BlackRock Core Bond	-5.66	-0.45	7.63	-0.30	1.01	4.47	0.66	-0.95	-0.08	109.00	108.10
Dodge & Cox Income Fund	-3.16	2.05	6.07	1.99	0.97	1.28	0.96	-0.78	1.66	107.12	84.32
Pacific Asset Corporate Loan	6.03	-0.04	4.01	-0.14	1.02	0.64	0.97	1.09	-0.06	99.59	100.08
JP Morgan Core Real Estate	5.68	-1.45	5.20	3.15	0.35	7.11	0.37	0.70	-0.23	67.72	50.37
ARA American Strategic Value Realty	6.43	-0.70	7.08	4.45	0.29	9.12	0.14	0.65	-0.09	85.21	78.64
Ashmore EM Blended Debt Fund	-8.80	-5.73	12.75	-4.59	1.36	4.71	0.93	-0.79	-1.20	118.26	156.02

5 Years

	Anlzd Ret	Ann Excess BM Return	Anlzd Std Dev	Anlzd Alpha	Beta	Tracking Error	R-Squared	Sharpe Ratio	Info Ratio	Up Mkt Cap Ratio	Down Mkt Cap Ratio
PIMCO RAE US	7.70	-2.22	20.10	-1.57	0.98	7.91	0.85	0.39	-0.23	90.20	93.27
Loomis Sayles Large Cap Growth	12.01	-0.41	20.80	0.26	0.95	5.56	0.93	0.57	-0.08	96.35	96.04
Boston Partners Large Cap Value	7.34	1.11	19.81	1.00	1.02	3.20	0.97	0.37	0.37	101.13	96.36
Atlanta Capital Mgmt	7.24	2.70	20.41	3.15	0.84	7.36	0.91	0.36	0.26	88.36	78.50
Dodge & Cox Intl Stock	4.42	1.47	21.38	1.39	1.12	4.63	0.96	0.23	0.42	118.61	113.75
WCM International Growth	6.86	3.99	19.35	4.05	1.04	6.17	0.90	0.35	0.67	111.94	96.01
BlackRock Core Bond	0.13	0.03	6.94	0.11	1.05	3.76	0.71	-0.19	0.03	115.39	114.26
Dodge & Cox Income Fund	1.31	1.21	5.58	1.23	0.94	2.04	0.87	-0.04	0.59	104.24	87.54
Pacific Asset Corporate Loan	4.56	0.10	5.83	1.01	0.78	2.00	0.96	0.50	0.00	90.66	82.55
JP Morgan Core Real Estate	4.15	-1.51	4.22	2.13	0.36	5.69	0.36	0.54	-0.28	67.12	56.80
ARA American Strategic Value Realty	6.31	0.66	5.79	4.89	0.26	7.57	0.10	0.76	0.07	96.39	70.05



		E .:							Distrib./	Tot. Value/	Net IRR	
		Estimated 9/30	Total	Capital	%	Remaining	Capital	Market Value	Paid-In	Paid-In	Since	IRR
Vintage	Manager & Fund Name	Market Value ³	Commitment	Called	Called	Commitment	Returned	as of IRR date	(DPI) ¹	(TVPI) ²	Inception ⁵	Date
		_	•									
2011	HarbourVest Partners IX-Buyout Fund L.P.	\$12,271,667	\$20,000,000	\$17,050,000	85%	\$2,950,000	\$25,286,164	\$12,739,920	148.3%	220.3%	18.3%	6/30/23
2018	HarbourVest Partners 2018 Global Fund L.P.	\$21,549,977	\$20,000,000	\$16,000,000	80%	\$4,000,000	\$5,959,847	\$21,825,041	37.2%	171.9%	23.7%	6/30/23
2010	KKR Mezzanine Partners I L.P. 4	\$3,390,896	\$20,000,000	\$21,603,717	108%	-\$1,603,717	\$25,959,476	\$3,380,566	120.2%	135.9%	5.9%	6/30/23
2016	Sixth Street Partners DCP	\$87,525,204	\$152,500,000	\$103,887,895	68%	\$48,612,105	\$51,187,225	\$87,525,204	49.3%	133.5%	9.2%	6/30/23
2017	Pathway Private Equity Fund Investors 9 L.P.	\$83,357,396	\$65,000,000	\$52,410,796	81%	\$12,589,204	\$14,826,582	\$88,315,813	28.3%	187.3%	24.5%	6/30/22
2020	Pathway Private Equity Fund Investors 10 L.P.	\$17,788,849	\$20,000,000	\$13,390,092	67%	\$6,609,908	\$0	-	0.0%	132.9%	-	-
2020	Sixth Street Partners TAO	\$39,417,777	\$60,000,000	\$54,497,607	91%	\$5,502,393	\$25,535,876	\$39,417,777	46.9%	119.2%	10.0%	6/30/23
2022	HarbourVest SLO Fund Private Equity ⁷	\$59,591,369	\$76,000,000	\$55,800,000	73%	\$20,200,000	\$0	\$34,791,369	0.0%	106.8%	15.7%	6/30/23
2022	HarbourVest SLO Fund Private Credit ⁷	\$77,858,065	\$95,000,000	\$76,564,200	81%	\$18,435,800	\$2,857,140	\$71,108,065	3.7%	105.4%	8.5%	6/30/23
2022	HarbourVest SLO Fund Infrastructure ⁷	\$0	\$9,000,000	\$0	0%	\$9,000,000	\$0	-	-	-	-	
	Total Alternative Illiquids	\$402,751,199	\$537,500,000	\$411,204,308	77%	\$126,295,692	\$151,612,310	\$359,103,755	87.3%	124.2%		
	% of Portfolio (Market Value)	24.8%										

	Management Fee	Admin Fee	Interest Expense	Expense	Total Expense ⁶
HarbourVest Partners IX-Buyout Fund L.P.	\$40.394	\$0	\$0	\$4.890	\$45,284
HarbourVest Partners 2018 Global Fund L.P.	\$46,635	\$0	\$0	\$44,503	\$91,138
KKR Mezzanine Partners I L.P.	\$0	\$0	\$0	\$5,540	\$5,540
Sixth Street Partners DCP	\$0	\$0	\$0	\$72,129	\$72,129
Pathway Private Equity Fund Investors 9 L.P.	\$0	\$0	\$0	\$0	\$0
Pathway Private Equity Fund Investors 10 L.P.	\$0	\$0	\$0	\$0	\$0
Sixth Street Partners TAO	\$168,367	\$0	\$0	\$75,498	\$243,865
HarbourVest SLO Fund Private Credit	\$56,096	\$0	\$0	\$60,250	\$116,346
HarbourVest SLO Fund Private Equity	\$255,049	\$0	\$0	\$222,139	\$477,188
HarbourVest SLO Fund Infrastructure	\$0	\$0	\$0	\$0	\$0
	\$566,541	\$0	\$0	\$484,949	\$1,051,490



¹(DPI) is equal to (capital returned / capital called)

²(TVPI) is equal to (market value + capital returned) / capital called

³Last known market value + capital calls - distributions

⁴Investment period ended, capital called includes recycled capital. Liquidated as of June 2020.

⁵Net IRR is calculated on the cash flows of the underlying investments of the fund and is net of the underlying fund fees and carried interest.

⁶All fees and expenses are for 2Q 2023.

⁷HarbourVest SLO Fund sleeve reflects the 1st year's commitment estimate as scheduled in HarbourVest's tactical plan for the \$770m private markets program.

Total Fund Investment Fund Fee Analysis

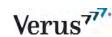
San Luis Obispo County Pension Trust Period Ending: September 30, 2023

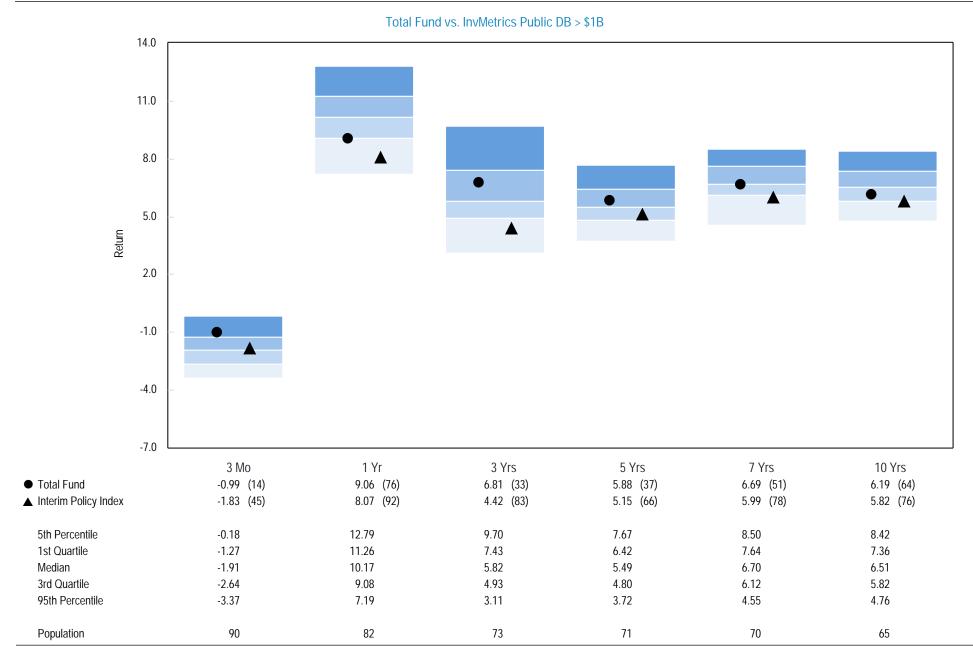
Account	Fee Schedule	Market Value As of September 30, 2023	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
ARA American Strategic Value Realty	1.25 % of First \$10 M 1.20 % of Next \$15 M 1.10 % of Next \$25 M 1.00 % Thereafter	78,582,513	4.83	865,825	1.10
Ashmore EM Blended Debt Fund	1.00 % of Assets	37,383,607	2.30	373,836	1.00
Atlanta Capital Mgmt	0.80 % of First \$50 M 0.70 % of Next \$100 M 0.60 % Thereafter	73,409,020	4.52	563,863	0.77
BlackRock Core Bond	0.28 % of First \$100 M 0.26 % Thereafter	2,896	0.00	8	0.28
BlackRock TIPS	0.02 % of First \$100 M 0.02 % of Next \$300 M 0.01 % Thereafter	61,156,345	3.76	13,760	0.02
Boston Partners Large Cap Value	0.40 % of Assets	75,650,834	4.65	302,603	0.40
Brandywine Global Fixed Income	0.45 % of First \$50 M 0.40 % of Next \$50 M 0.35 % Thereafter	34,218,261	2.11	153,982	0.45
Brookfield Infrastructure Fund	0.75 % of First \$100 M 0.69 % of Next \$200 M 0.64 % Thereafter	1,800,000	0.11	13,500	0.75
Cash Account		35,907,369	2.21	-	-
Dodge & Cox Income Fund	0.41 % of Assets	59,187,210	3.64	242,668	0.41
Dodge & Cox Intl Stock	0.62 % of Assets	124,713,033	7.67	773,221	0.62
Harbourvest 2018 Global Fund L.P.	Minimum Fee: \$282,000	21,549,977	1.33	282,000	1.31
Harbourvest Partners IX Buyout Fund L.P.	Minimum Fee: \$200,000	12,271,667	0.75	200,000	1.63
Harbourvest SLO Credit Fund		77,858,065	4.79	-	-
Harbourvest SLO Fund Private Equity		59,591,369	3.67	-	-



Total Fund Investment Fund Fee Analysis

Account	Fee Schedule	Market Value As of September 30, 2023	% of Portfolio	Estimated Annual Fee (\$)	Estimated Annual Fee (%)
Investment Cash		39,025,615	2.40	-	-
JP Morgan Core Real Estate	0.92 % of First \$100 M 0.80 % of Next \$150 M 0.70 % of Next \$250 M 0.50 % Thereafter	148,939,122	9.16	1,311,513	0.88
Kohlberg Kravis Roberts & Co. Mezzanine Partners I	Minimum Fee: \$300,000	3,390,896	0.21	300,000	8.85
Loomis Sayles Large Cap Growth	0.45 % of First \$100 M 0.40 % Thereafter	78,906,183	4.85	355,078	0.45
Pacific Asset Corporate Loan	0.37 % of Assets	65,259,836	4.02	241,461	0.37
Pathway Private Equity Fund Investors 10 L.P.		17,788,849	1.09	-	-
Pathway Private Equity Fund Investors 9 L.P.		83,357,396	5.13	-	-
PIMCO RAE US	0.40 % of Assets	86,088,686	5.30	344,355	0.40
PIMCO Short Duration Fund	0.50 % of Assets	33,831,598	2.08	169,158	0.50
Sixth Street Partners DCP		87,525,204	5.38	-	-
Sixth Street Partners TAO		39,417,777	2.43	-	-
SSGA U.S. Govt Bond Index	0.04 % of First \$50 M 0.03 % Thereafter	76,402,350	4.70	27,921	0.04
WCM International Growth	0.70 % of Assets	112,177,245	6.90	785,241	0.70
Investment Management Fee		1,625,392,921	100.00	7,3 19 ,493	0.45



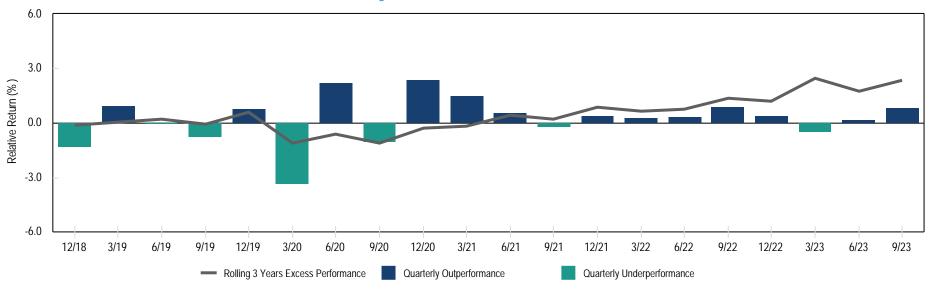




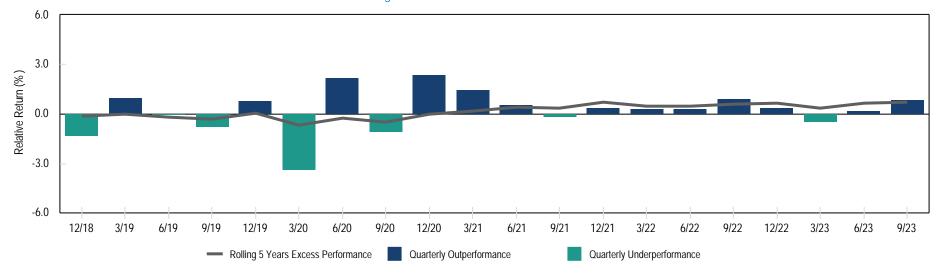
Total Fund vs. InvMetrics Public DB > \$1B 26.0 20.0 14.0 8.0 Return 2.0 -4.0 -10.0 -16.0 -22.0 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 15.47 (60) -7.84 (24) 15.35 (53) 9.63 (76) 16.29 (71) -3.12 (44) 6.55 (94) -0.81 (74) 5.15 (76) 13.85 (72) Total Fund -9.62 (38) 15.33 (87) -2.09 (26) ▲ Interim Policy Index 12.93 (85) 10.26 (70) 13.29 (94) 7.78 (66) -0.52 (65) 5.23 (74) 13.39 (72) 5th Percentile -4.27 21.43 16.06 21.23 0.77 18.11 10.15 2.60 8.40 20.88 1st Quartile -7.96 17.71 13.75 18.69 -2.07 8.61 1.05 18.02 16.81 7.26 Median -10.84 15.55 12.05 17.31 -3.27 16.02 8.08 0.11 6.23 15.98 3rd Quartile -12.84 13.51 9.70 15.91 -4.71 14.36 7.38 -0.86 5.18 12.98 95th Percentile 12.78 -2.39 -15.61 11.55 7.16 13.87 -6.57 6.10 4.21 8.84 132 Population 121 157 169 113 123 127 123 120 115



Rolling 3 Year Annualized Excess Performance



Rolling 5 Year Annualized Excess Performance







	Market Value	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Domestic Equity	314,054,722	-1.1	10.8	23.7	12.9	9.6	11.5	-10.4	25.3	13.7	29.4	-5.2
Russell 3000 Index		-3.3	12.4	20.5	9.4	9.1	11.3	-19.2	25.7	20.9	31.0	-5.2
InvMetrics Public DB US Equity Rank		1	51	3	9	6	12	5	<i>58</i>	93	<i>75</i>	40
PIMCO RAE US	86,088,686	0.6	5.4	20.7	15.4	8.1	10.2	-3.0	28.3	4.4	25.5	-6.6
S&P 500 Index		-3.3	13.1	21.6	10.2	9.9	11.9	-18.1	28.7	18.4	31.5	-4.4
eV US Large Cap Core Equity Rank		1	<i>75</i>	42	2	<i>76</i>	81	4	46	97	<i>85</i>	<i>77</i>
Loomis Sayles Large Cap Growth	78,906,183	-3.8	32.8	41.5	7.9	12.5	-	-27.0	19.4	32.8	32.7	-1.7
Russell 1000 Growth Index		-3.1	25.0	27.7	8.0	12.4	-	-29.1	27.6	38.5	36.4	-1.5
eV US Large Cap Growth Equity Rank		66	4	1	32	19	-	40	81	61	66	60
Boston Partners Large Cap Value	75,650,834	0.7	5.1	18.5	16.3	7.8	-	-3.8	30.9	2.4	24.3	-8.5
Russell 1000 Value Index		-3.2	1.8	14.4	11.1	6.2	-	-7.5	25.2	2.8	26.5	-8.3
eV US Large Cap Equity Rank		2	65	56	6	71	-	16	18	87	88	79
Atlanta Capital Mgmt	73,409,020	-2.0	3.3	15.2	12.2	8.1	11.9	-7.9	23.0	11.4	35.1	-4.5
Russell 2500 Index		-4.8	3.6	11.3	8.4	4.5	7.9	-18.4	18.2	20.0	27.8	-10.0
eV US Small-Mid Cap Equity Rank		14	66	43	41	24	5	14	57	63	13	25

U.S. Effective Style Map 3 Years Ending September 30, 2023



U.S. Effective Style Map 5 Years Ending September 30, 2023





Total Domestic Equity Asset Class Overview (Net of Fees)

	Market Value	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Domestic Equity	314,054,722	-1.2	10.4	23.1	12.3	9.0	11.0	-10.8	24.6	13.1	28.7	-5.7
Russell 3000 Index		-3.3	12.4	20.5	9.4	9.1	11.3	-19.2	25.7	20.9	31.0	-5.2
PIMCO RAE US	86,088,686	0.5	5.1	20.3	15.0	7.7	9.7	-3.4	27.8	3.9	25.0	-7.0
S&P 500 Index		-3.3	13.1	21.6	10.2	9.9	11.9	-18.1	28.7	18.4	31.5	-4.4
Loomis Sayles Large Cap Growth	78,906,183	-3.9	32.4	40.8	7.5	12.0	-	-27.4	18.9	32.3	32.1	-2.1
Russell 1000 Growth Index		-3.1	25.0	27.7	8.0	12.4	-	-29.1	27.6	38.5	36.4	-1.5
Boston Partners Large Cap Value	75,650,834	0.6	4.8	18.0	15.9	7.3	-	-4.2	30.4	2.0	23.8	-8.9
Russell 1000 Value Index		-3.2	1.8	14.4	11.1	6.2	-	-7.5	25.2	2.8	26.5	-8.3
Atlanta Capital Mgmt	73,409,020	-2.2	2.7	14.3	11.3	7.2	11.0	-8.7	22.0	10.5	34.1	-5.3
Russell 2500 Index		-4.8	3.6	11.3	8.4	4.5	7.9	-18.4	18.2	20.0	27.8	-10.0



			Correlation Matrix 1 Year Ending September 30,	2023		
	Total Domestic Equity	PIMCO RAE US	Loomis Sayles Large Cap Growth	Boston Partners Large Cap Value	Atlanta Capital Mgmt	Russell 3000 Index
Total Domestic Equity	1.00					
PIMCO RAE US	0.85	1.00				
Loomis Sayles Large Cap Growth	0.44	-0.05	1.00			
Boston Partners Large Cap Value	0.81	0.93	-0.16	1.00		
Atlanta Capital Mgmt	0.95	0.94	0.13	0.96	1.00	
Russell 3000 Index	0.83	0.40	0.82	0.41	0.63	1.00

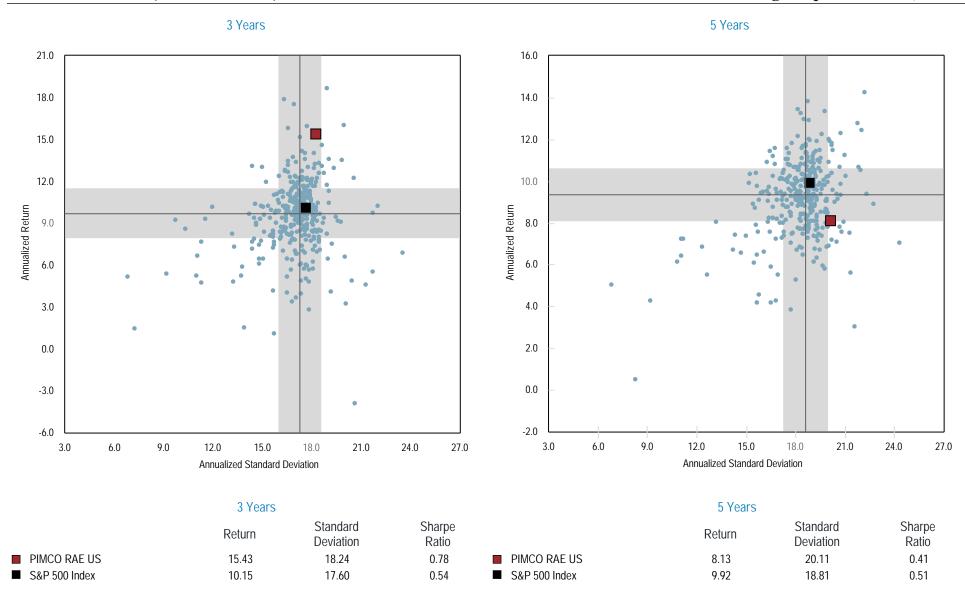


PIMCO RAE US vs. eV US Large Cap Core Equity Gross Universe 30.0 25.0 20.0 15.0 Return 10.0 5.0 0.0 -5.0 -10.0 Quarter 1 Yr 3 Yrs 5 Yrs 7 Yrs 10 Yrs 0.58 (1) 20.75 (42) 15.43 (2) 8.13 (76) 10.23 (81) 10.19 (81) PIMCO RAE US ▲ S&P 500 Index -3.27 (61) 21.62 (34) 10.15 (43) 9.92 (35) 12.24 (36) 11.91 (32) 5th Percentile -1.03 26.87 13.29 11.87 14.06 13.34 1st Quartile -2.26 22.35 11.08 10.33 12.55 12.11 Median -3.05 19.76 9.74 9.35 11.70 11.51 3rd Quartile -3.83 15.91 8.25 8.14 10.59 10.51 95th Percentile -5.41 9.83 5.05 7.99 8.53 6.16 338 Population 365 365 356 311 280



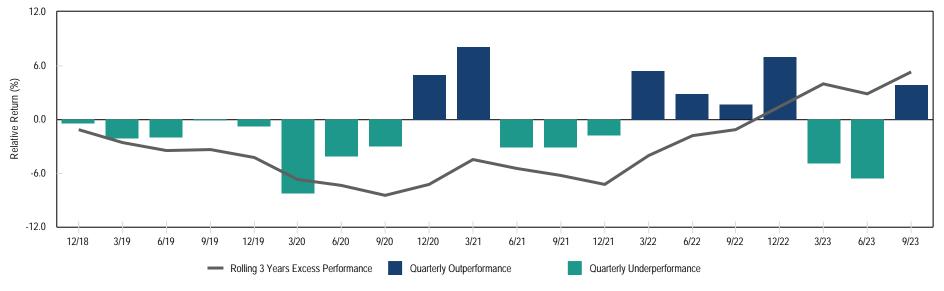
PIMCO RAE US vs. eV US Large Cap Core Equity Gross Universe 50.0 40.0 30.0 20.0 Return 10.0 0.0 -10.0 -20.0 -30.0 2022 2019 2021 2020 2018 2017 2016 2015 2014 2013 -2.97 (4) 28.29 (46) 4.35 (97) 25.52 (85) -6.64 (77) 17.01 (90) 15.87 (9) -2.65 (87) 12.67 (56) 36.69 (20) PIMCO RAE US ▲ S&P 500 Index -18.11 (68) 28.71 (41) 18.40 (43) 31.49 (36) -4.38 (48) 21.83 (54) 11.96 (35) 1.38 (49) 13.69 (41) 32.39 (57) 5th Percentile -4.12 33.87 29.11 37.33 1.20 28.43 17.86 6.94 17.88 41.02 -12.05 30.20 21.39 32.67 -2.31 24.34 12.79 3.21 14.99 36.05 1st Quartile Median -16.15 27.83 16.68 30.09 -4.61 22.15 10.54 1.24 13.07 33.14 3rd Quartile -18.81 24.65 12.27 27.48 -6.49 19.73 8.16 -0.79 11.27 30.55 95th Percentile -22.74 18.95 5.09 -10.36 13.98 4.23 24.25 20.63 -4.63 7.61 Population 394 413 435 457 475 485 491 503 511 513



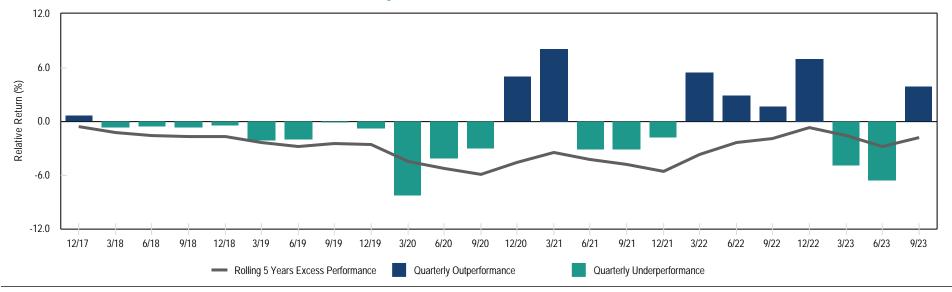




Rolling 3 Years Annualized Excess Performance



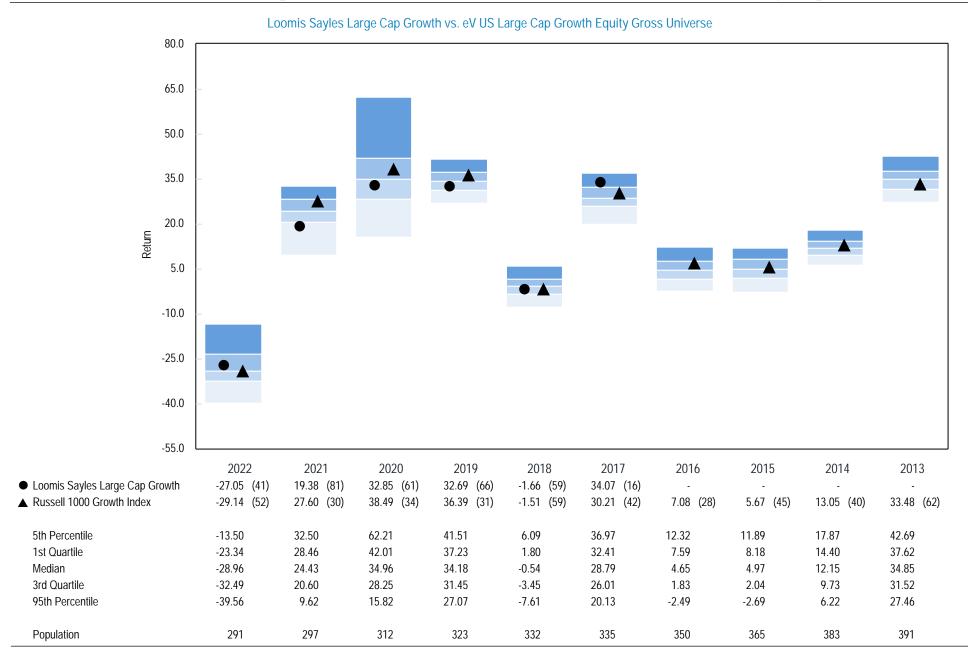
Rolling 5 Years Annualized Excess Performance



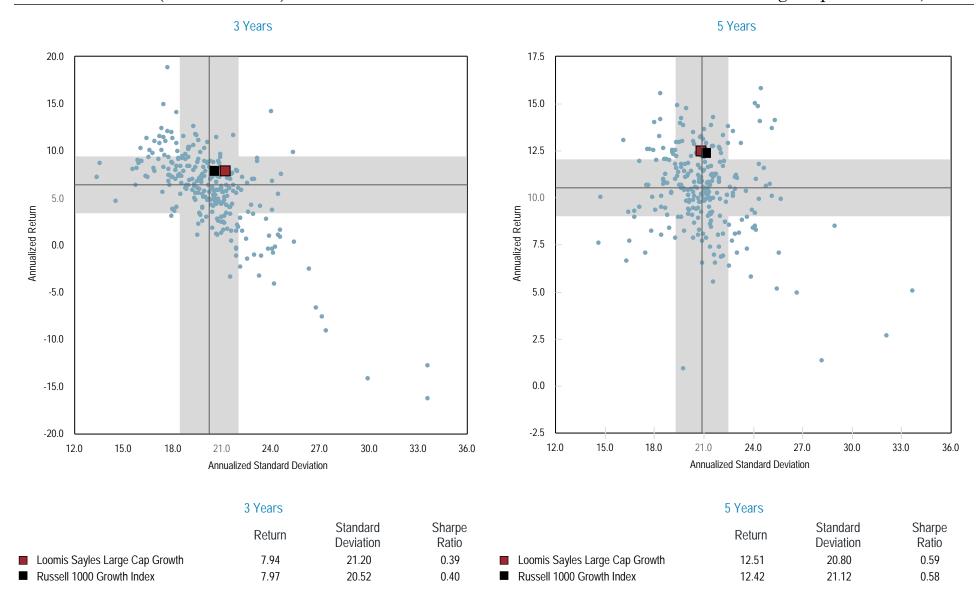


Loomis Sayles Large Cap Growth vs. eV US Large Cap Growth Equity Gross Universe 44.0 36.0 28.0 20.0 Return 12.0 4.0 -4.0 -12.0 1 Yr 3 Yrs 5 Yrs Quarter 7 Yrs 10 Yrs Loomis Sayles Large Cap Growth -3.77 (66) 41.45 (1) 7.94 (32) 12.51 (19) ▲ Russell 1000 Growth Index -3.13 (46) 27.72 (38) 7.97 (32) 15.64 (15) 14.48 (15) 12.42 (20) 5th Percentile -0.56 33.44 11.54 13.88 17.48 15.22 1st Quartile -2.40 28.75 8.47 11.92 15.00 13.97 Median -3.28 25.72 6.45 10.55 14.03 13.29 3rd Quartile -4.08 21.50 4.09 9.26 12.91 12.18 95th Percentile -5.99 -1.00 6.97 10.39 10.05 13.84 Population 273 273 271 263 242 227









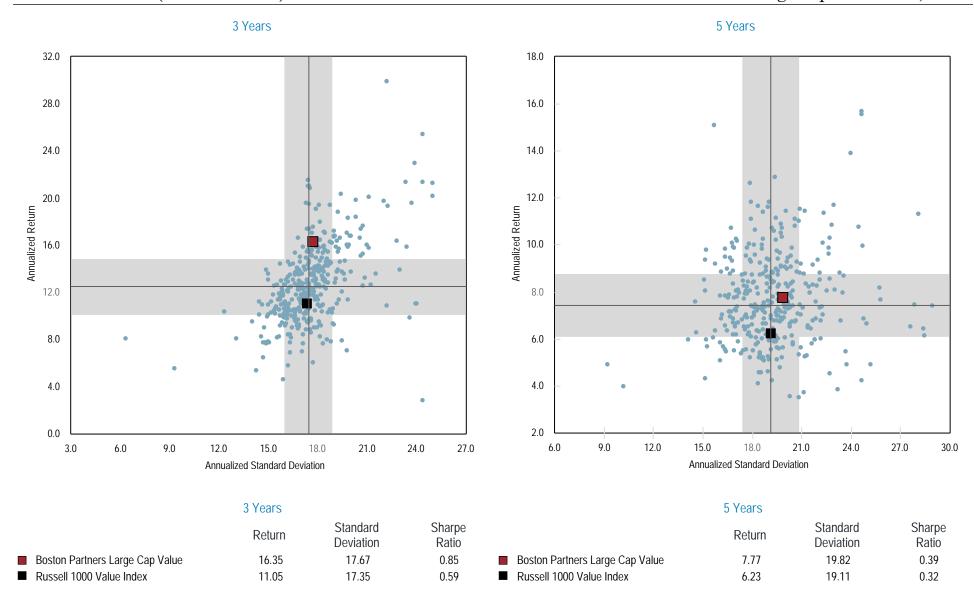


Boston Partners Large Cap Value vs. eV US Large Cap Value Equity Gross Universe 30.0 25.0 20.0 15.0 Return 10.0 5.0 0.0 -5.0 -10.0 1 Yr 3 Yrs 5 Yrs Quarter 7 Yrs 10 Yrs Boston Partners Large Cap Value 0.72 (4) 18.47 (31) 16.35 (14) 7.77 (46) ▲ Russell 1000 Value Index -3.16 (77) 14.44 (63) 11.05 (68) 6.23 (79) 7.92 (88) 8.45 (83) 5th Percentile 0.47 26.61 19.46 11.15 12.88 11.97 1st Quartile -1.37 14.57 8.83 10.27 19.31 10.65 Median -2.27 15.98 12.50 7.45 9.55 9.51 3rd Quartile -3.12 12.75 10.47 6.42 8.50 8.77 95th Percentile -4.90 9.55 7.89 5.09 7.03 7.53 Population 382 381 369 359 342 324



Boston Partners Large Cap Value vs. eV US Large Cap Value Equity Gross Universe 50.0 40.0 30.0 20.0 Return 10.0 0.0 -10.0 -20.0 2022 2013 2021 2020 2019 2018 2017 2016 2015 2014 -3.81 (36) 30.92 (21) 2.42 (66) 24.28 (79) -8.50 (57) Boston Partners Large Cap Value -8.27 (53) -3.83 (70) 32.53 (58) ▲ Russell 1000 Value Index -7.54 (69) 25.16 (73) 2.80 (64) 26.54 (57) 13.66 (88) 17.34 (26) 13.45 (33) 5th Percentile 2.35 34.35 17.56 34.32 -1.67 24.22 22.23 2.67 16.91 43.35 -2.48 30.14 10.06 29.83 -5.09 20.00 17.46 13.88 37.09 1st Quartile -0.21 Median -5.43 27.59 4.61 27.19 -8.15 17.44 14.97 -2.25 12.24 33.36 3rd Quartile -8.57 24.64 1.29 24.73 -10.71 15.40 11.96 -4.71 10.24 30.71 95th Percentile 19.87 -8.96 5.72 24.99 -16.47 -3.55 20.37 -14.67 11.20 7.51 Population 405 415 422 451 473 484 498 517 516 523



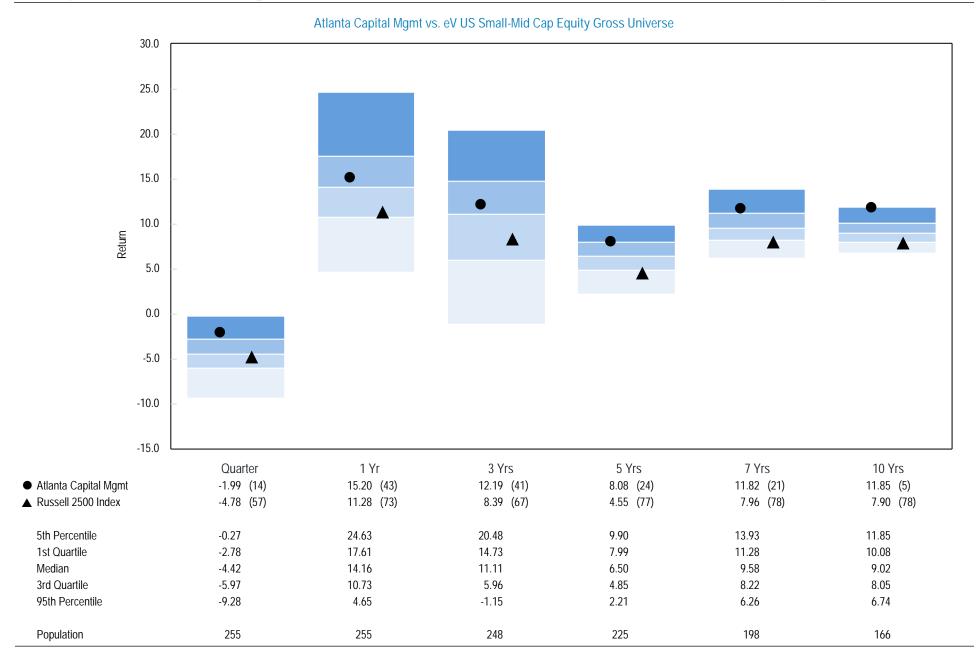




С	haracteristics		Sector Allocation (%)	
Number of Stocks	Portfolio 53	Benchmark 2,485	Energy 0.0 5.9 Materials 5.7	
Wtd. Avg. Mkt. Cap \$B	10.6	6.1	Industrials 19,7	
Median Mkt. Cap \$B	10.4	1.2	Consumer Discretionary 15.5	
Price/Earnings ratio	20.89	13.22	Consumer Staples 3.4	
Price/Book ratio	3.31	2.56	Health Care 12.0	
Return on Equity (%)	16.07	-6.96	Financials 11.6 12.8 11.6 12.8	
Current Yield (%)	0.88	1.72	Communication Services — 0.0 — 2.6	
Beta (5 Years, Monthly)	0.84	1.00	Utilities — 0.0 2.7	
R-Squared (5 Years, Monthly)	0.91	1.00	Real Estate 7.0	
			Cash	
			0.0 4.0 8.0 12.0 16.0 20.0 24.0 28.0	32.0
			Atlanta Capital Mgmt Russell 2500 Index	

	Largest Equity Holdings		Top Co	ontributors			Bo	ttom Contributors		
	Wgt (%)	Return (%)		Wgt (%)	Return (%)	Contr (%)		Wgt (%)	Return (%)	Contr (%)
Berkley (W.R.) Corp	4.75	7.60	Morningstar Inc	2.65	19.70	0.52	Aramark	3.51	-19.16	-0.67
Carlisle Cos Inc	4.14	1.37	Black Knight Inc	1.37	26.84	0.37	Teleflex Inc	3.11	-18.73	-0.58
Markel Group Inc	3.23	6.46	Berkley (W.R.) Corp	4.59	7.60	0.35	Envista Holdings Corp	2.86	-17.61	-0.50
CACI International I	nc 3.17	-7.90	Lennox International Inc.	2.07	15.17	0.31	LKQ Corporation	2.40	-14.59	-0.35
Brown & Brown Inc	3.14	1.62	Markel Group Inc	2.92	6.46	0.19	Affiliated Managers Group In	c. 2.38	-13.04	-0.31
Aramark	2.94	-19.16	AptarGroup Inc.	2.26	8.29	0.19	Hexcel Corp	1.93	-14.15	-0.27
Landstar System Inc	2.75	-7.95	Casey's General Stores Inc.	1.47	11.52	0.17	Burlington Stores Inc	1.92	-14.04	-0.27
Morningstar Inc	2.70	19.70	Broadridge Financial Solutions Inc	1.82	8.56	0.16	CACI International Inc	3.31	-7.90	-0.26
Teleflex Inc	2.62	-18.73	Kirby Corp	1.98	7.60	0.15	Landstar System Inc	2.88	-7.95	-0.23
LKQ Corporation	2.54	-14.59	RPM International Inc	2.35	6.14	0.14	Bio-Techne Corp	1.28	-16.53	-0.21

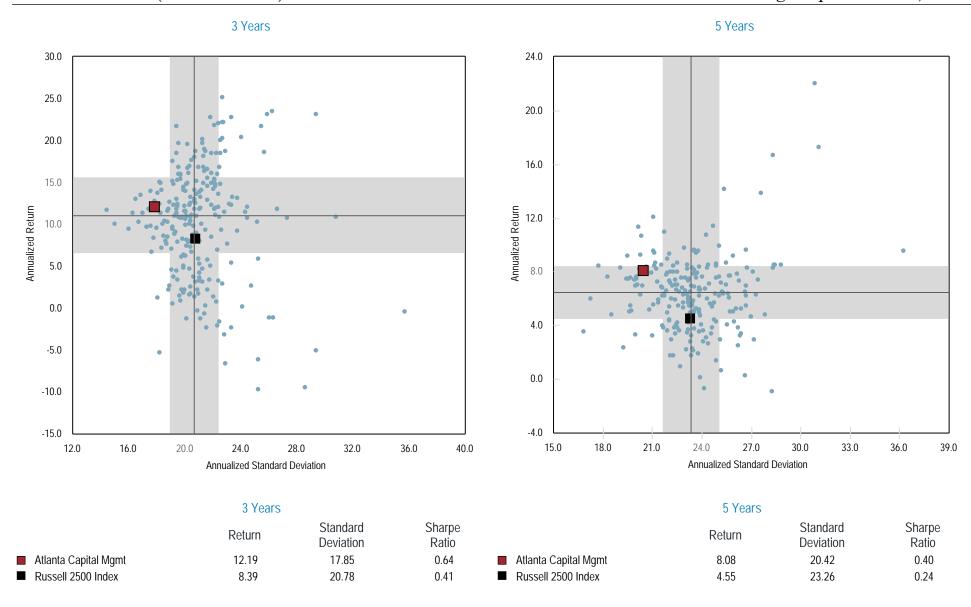






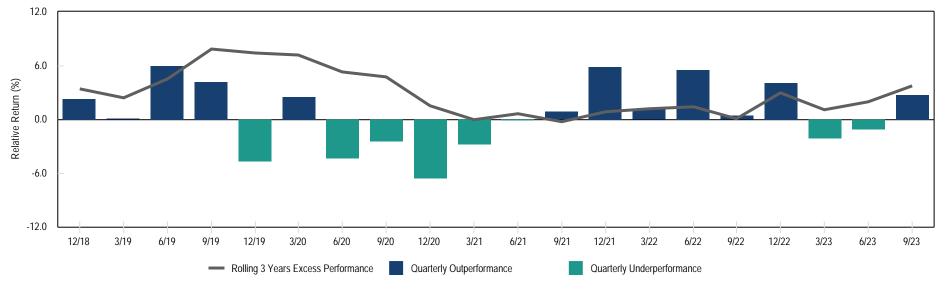
Atlanta Capital Mgmt vs. eV US Small-Mid Cap Equity Gross Universe 0.08 65.0 50.0 35.0 Return 20.0 5.0 -10.0 -25.0 -40.0 2022 2019 2021 2020 2018 2017 2016 2015 2014 2013 Atlanta Capital Mgmt -7.95 (14) 22.96 (57) 11.41 (63) 35.12 (13) -4.52 (25) 26.58 (15) 12.58 (65) 10.44 (1) 5.83 (59) 37.85 (55) 18.18 (73) 19.99 (46) -10.00 (56) ▲ Russell 2500 Index -18.37 (58) 27.77 (56) 16.81 (61) 17.59 (41) -2.90 (67) 7.07 (48) 36.80 (60) 5th Percentile -4.75 36.10 65.78 39.05 2.93 32.51 27.45 5.45 13.97 49.82 -11.08 29.62 30.88 32.08 23.77 21.17 0.68 9.70 42.70 1st Quartile -4.62 Median -16.72 24.18 17.70 28.84 -8.93 18.24 16.33 -1.29 6.80 38.55 3rd Quartile -23.96 17.57 7.41 24.51 -12.99 14.13 9.42 -4.28 3.63 34.60 95th Percentile -34.04 6.73 8.28 2.95 -12.76 -2.12 29.34 -1.41 18.15 -18.30 Population 264 273 277 281 294 284 286 290 288 293



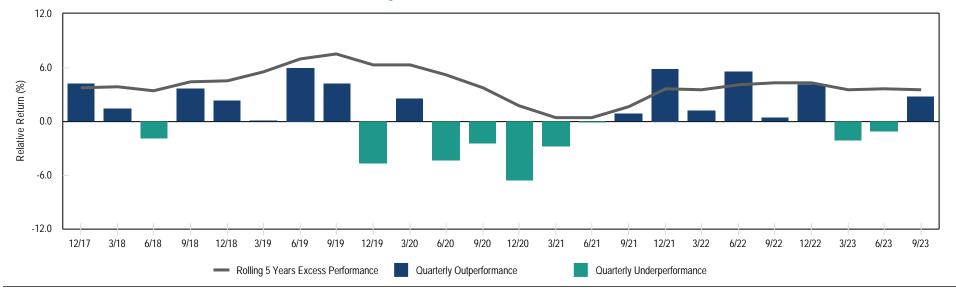




Rolling 3 Years Annualized Excess Performance



Rolling 5 Years Annualized Excess Performance



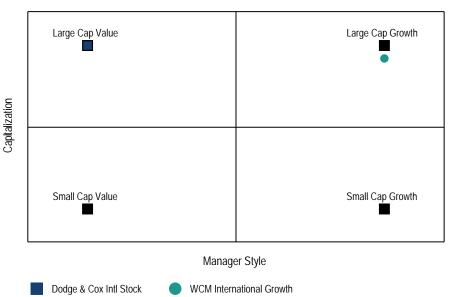




Total International Equity Asset Class Overview (Gross of Fees)

	Market Value	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total International Equity	236,890,278	-4.8	7.4	23.0	7.3	6.9	6.4	-17.4	15.1	19.4	30.2	-12.2
MSCI AC World ex USA Index		-3.7	5.8	21.0	4.2	3.1	3.8	<i>-15.6</i>	8.3	11.1	22.1	-13.8
InvMetrics Public DB Global ex-US Equity Rank		72	45	35	11	1	1	56	7	5	1	24
Dodge & Cox Intl Stock	124,713,033	-1.2	9.8	27.5	12.8	5.1	4.7	-6.2	11.7	2.8	23.6	-17.5
MSCI AC World ex USA Value		0.1	8.9	26.1	10.3	3.0	3.2	-8.0	11.1	-0.2	16.5	-13.4
eV ACWI ex-US All Cap Value Eq Rank		34	40	49	11	26	32	<i>15</i>	42	54	37	97
WCM International Growth	112,177,245	-8.6	5.1	18.4	1.7	7.6	-	-28.2	18.5	34.0	36.7	-6.7
MSCI AC World ex USA Growth		-7.3	2.9	16.2	-1.6	2.9	-	-22.8	5.4	22.6	27.8	-14.1
eV ACWI ex-US All Cap Growth Eq Rank		65	46	48	22	5	-	58	6	38	17	1

EAFE Effective Style Map 3 Years Ending September 30, 2023



EAFE Effective Style Map 5 Years Ending September 30, 2023





Total International Equity Asset Class Overview (Net of Fees)

	Market Value	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total International Equity	236,890,278	-5.0	6.9	22.2	6.6	6.2	5.7	-17.9	14.4	18.6	29.3	-12.8
MSCI AC World ex USA Index		-3.7	5.8	21.0	4.2	3.1	3.8	<i>-15.6</i>	8.3	11.1	22.1	-13.8
Dodge & Cox Intl Stock	124,713,033	-1.3	9.3	26.7	12.1	4.4	4.1	-6.8	11.0	2.1	22.8	-18.0
MSCI AC World ex USA Value		0.1	8.9	26.1	10.3	3.0	3.2	-8.0	11.1	-0.2	16.5	-13.4
WCM International Growth	112,177,245	-8.7	4.6	17.6	1.0	6.9	-	-28.6	17.7	33.1	35.8	-7.4
MSCI AC World ex USA Growth		-7.3	2.9	16.2	-1.6	2.9	-	-22.8	5.4	22.6	27.8	-14.1

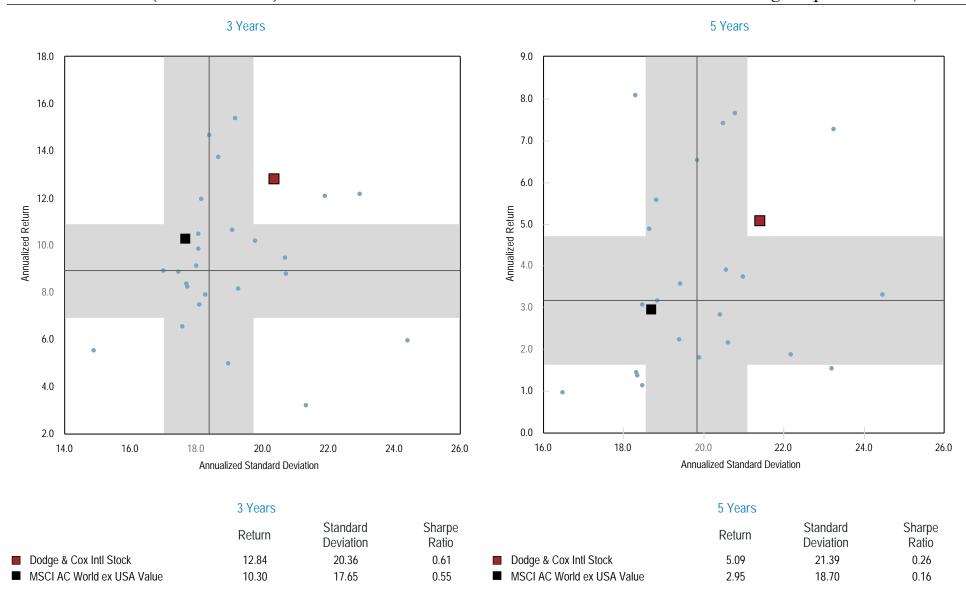


Dodge & Cox Intl Stock vs. eV ACWI ex-US All Cap Value Eq Gross Universe 44.0 38.0 32.0 26.0 20.0 Return 14.0 8.0 2.0 -4.0 -10.0 3 Yrs 5 Yrs 7 Yrs 10 Yrs Quarter 1 Yr 4.72 (32) Dodge & Cox Intl Stock -1.16 (34) 27.53 (49) 12.84 (11) 5.09 (26) 6.53 (24) ▲ MSCI AC World ex USA Value 0.07 (7) 26.09 (57) 2.95 (57) 5.22 (46) 3.20 (71) 10.30 (33) 5th Percentile 0.22 36.57 14.51 7.65 8.99 7.00 1st Quartile -0.83 32.34 10.66 5.23 6.30 5.10 Median -1.64 27.41 8.93 3.18 5.06 4.31 3rd Quartile -4.03 23.33 7.91 1.85 4.21 2.77 95th Percentile -6.01 19.74 5.12 3.75 2.08 1.17 23 Population 26 26 25 18 16



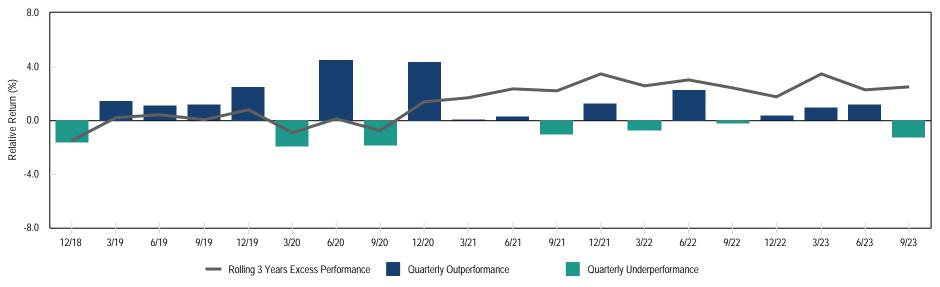
Dodge & Cox Intl Stock vs. eV ACWI ex-US All Cap Value Eq Gross Universe 44.0 36.0 28.0 20.0 12.0 Return 4.0 -4.0 -12.0 -20.0 -28.0 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 Dodge & Cox Intl Stock -6.19 (15) 11.70 (42) 2.75 (54) 23.58 (37) -17.46 (97) 24.74 (61) 8.96 (39) -10.78 (88) 0.56 (19) 26.72 (11) -7.95 (29) -0.21 (68) ▲ MSCI AC World ex USA Value 11.13 (46) 16.45 (79) -13.45 (36) 23.35 (83) 9.59 (38) -9.59 (84) -4.60 (46) 15.65 (80) 5th Percentile -5.75 20.75 25.82 26.79 -10.08 34.42 15.92 2.89 4.28 34.24 1st Quartile -7.76 13.12 25.22 -12.13 28.48 -3.14 -2.98 22.67 14.76 11.10 Median -10.91 10.71 4.05 20.72 -14.19 26.52 5.77 -5.55 -5.66 19.69 3rd Quartile -13.83 7.06 -1.18 17.20 -15.27 23.97 3.70 -8.24 -6.99 17.26 95th Percentile -18.40 13.81 -16.73 22.99 -11.90 -11.89 11.92 4.56 -3.47 1.74 22 Population 25 27 28 27 25 20 20 21 21



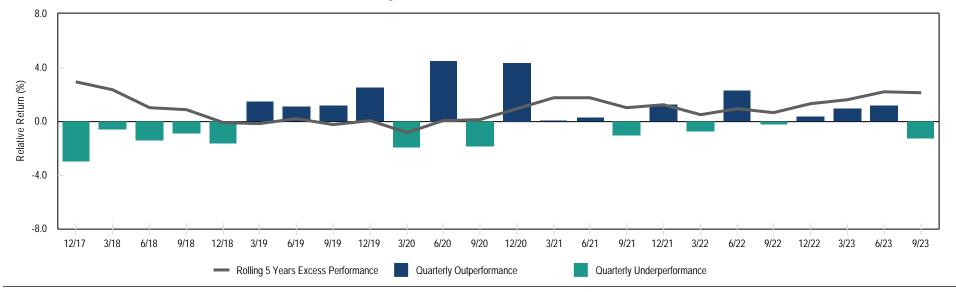








Rolling 5 Years Annualized Excess Performance



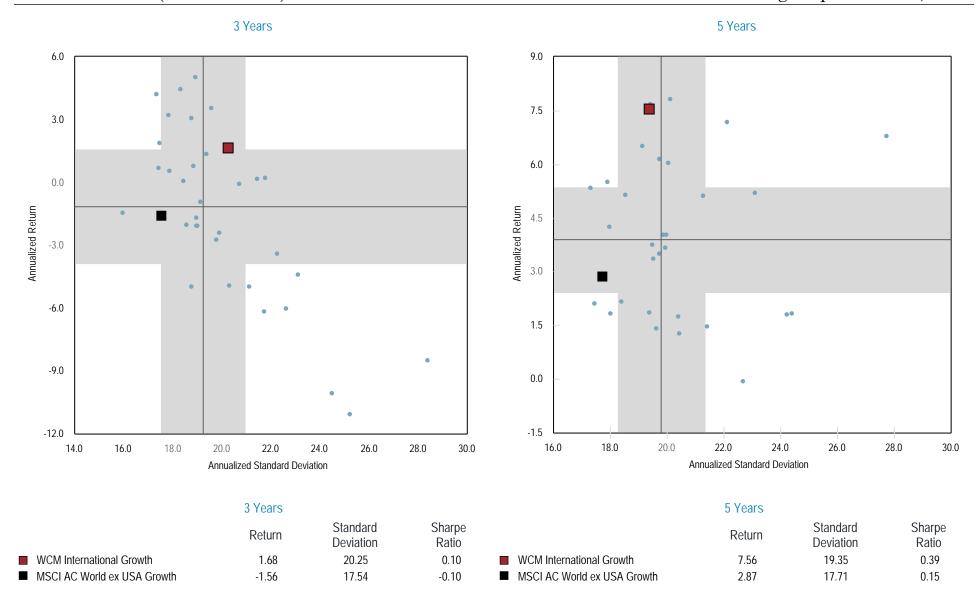


WCM International Growth vs. eV ACWI ex-US All Cap Growth Eq Gross Universe 30.0 25.0 20.0 15.0 10.0 Return 5.0 0.0 -5.0 -10.0 -15.0 3 Mo 1 Yr 3 Yrs 5 Yrs 7 Yrs 10 Yrs -8.57 (65) 18.39 (48) 1.68 (22) 7.56 (5) WCM International Growth -7.26 (43) 16.22 (69) 2.87 (64) 5.01 (76) 4.28 (88) ▲ MSCI AC World ex USA Growth -1.56 (54) 5th Percentile -4.29 24.18 4.31 7.47 10.30 9.02 1st Quartile -5.84 20.29 1.26 5.48 7.77 6.94 Median -7.56 18.25 -1.16 3.90 6.53 5.43 -9.70 3rd Quartile 15.52 -4.13 1.86 5.08 4.81 95th Percentile -11.21 12.92 -9.04 3.67 1.36 4.03 34 Population 34 34 30 27 25



WCM International Growth vs. eV ACWI ex-US All Cap Growth Eq Gross Universe 80.0 65.0 50.0 35.0 20.0 Return 5.0 -10.0 -25.0 -40.0 -55.0 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 -28.19 (58) 18.49 (6) 34.02 (38) 36.70 (17) -6.70 (1) WCM International Growth -22.80 (27) 5.37 (69) ▲ MSCI AC World ex USA Growth 22.56 (76) 27.84 (77) -14.10 (51) 32.47 (72) 0.50 (43) -0.91 (84) -2.29 (41) 15.86 (84) 5th Percentile -17.13 19.00 61.57 41.06 -9.47 51.07 7.48 8.85 3.31 38.17 -21.87 45.28 34.35 39.15 2.06 -0.20 29.70 1st Quartile 11.78 -11.81 5.67 Median -27.66 8.68 28.99 31.99 -13.76 36.23 -0.30 3.12 -3.41 23.06 3rd Quartile -30.94 2.71 22.79 28.32 -16.88 32.32 -4.22 0.37 -6.01 19.03 95th Percentile -3.51 -19.45 -8.23 13.03 -37.54 14.14 23.54 26.48 -8.60 -3.63 Population 34 36 36 36 33 31 31 32 32 32







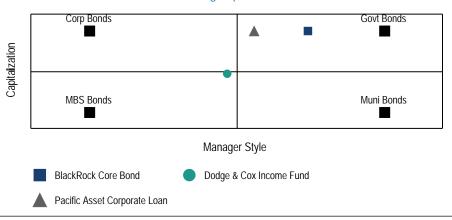


Total Domestic Fixed Income Asset Class Overview (Gross of Fees)

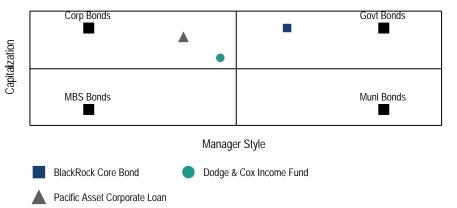
San Luis Obispo County Pension Trust Period Ending: September 30, 2023

	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Domestic Fixed Income	262,008,636	100.0	-1.3	2.4	4.6	-1.6	2.0	2.5	-9.6	0.9	8.1	9.9	0.4
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	1.1	-13.0	-1.5	7.5	8.7	0.0
InvMetrics Public DB US Fixed Income Rank			18	8	11	11	18	12	16	<i>15</i>	69	23	34
BlackRock Core Bond	2,896	0.0	1.1	-1.0	1.1	-5.4	0.4	-	-14.1	-1.6	9.4	10.2	0.3
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	-	-13.0	-1.5	7.5	8.7	0.0
eV US Core Fixed Inc Rank			1	81	63	96	<i>78</i>	-	95	<i>78</i>	24	10	25
Dodge & Cox Income Fund	59,187,210	22.6	-2.7	0.7	3.5	-2.8	1.7	-	-10.5	-0.5	9.9	10.2	0.1
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	-	-13.0	-1.5	7.5	8.7	0.0
eV US Core Fixed Inc Rank			23	11	5	4	4	-	12	21	14	10	41
Pacific Asset Corporate Loan	65,259,836	24.9	3.5	11.0	14.2	6.4	4.9	-	-0.2	5.6	3.0	9.1	1.0
Morningstar LSTA US Leveraged Loan			3.4	10.1	13.0	6.1	4.5	-	-0.8	5.2	3.1	8.6	0.4
eV US Float-Rate Bank Loan Fixed Inc Rank			24	<i>15</i>	12	20	18	-	24	41	48	43	38
SSGA U.S. Govt Bond Index	76,402,350	29.2	-3.0	-1.2	-0.7	-	-	-	-12.5	-	-	-	-
Blmbg. U.S. Treasury: 7-10 Year			-4.4	-2.9	-1.9	-	-	-	-14.9	-	-	-	-
eV US Government Fixed Inc Rank			66	57	74	-	-	-	80	-	-	-	-
BlackRock TIPS	61,156,345	23.3	-2.6	-0.5	1.4	-	-	-	-11.9	-	-	-	-
Blmbg. U.S. TIPS			-2.6	-0.8	1.2	-	-	-	-11.8	-	-	-	-
eV US TIPS / Inflation Fixed Inc Rank			64	50	60	-	-	-	81	-	-	-	-

Fixed Income Effective Style Map 3 Years Ending September 30, 2023



Fixed Income Effective Style Map 5 Years Ending September 30, 2023





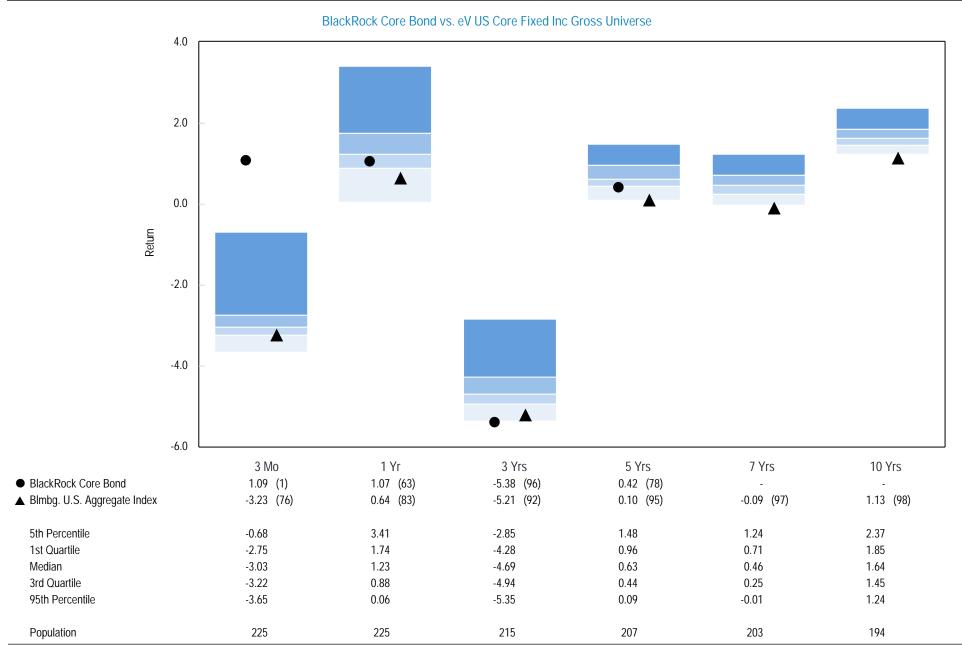
Total Domestic Fixed Income Asset Class Overview (Net of Fees)

San Luis Obispo County Pension Trust Period Ending: September 30, 2023

	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Domestic Fixed Income	262,008,636	100.0	-1.3	2.2	4.3	-1.8	1.7	2.2	-9.9	0.5	7.7	9.5	0.0
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	1.1	-13.0	-1.5	7.5	8.7	0.0
BlackRock Core Bond	2,896	0.0	1.0	-1.3	8.0	-5.7	0.1	-	-14.4	-1.8	9.1	9.9	0.1
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	1.1	-13.0	-1.5	7.5	8.7	0.0
Dodge & Cox Income Fund	59,187,210	22.6	-2.8	0.3	3.1	-3.2	1.3	-	-10.9	-0.9	9.4	9.7	-0.3
Blmbg. U.S. Aggregate Index			-3.2	-1.2	0.6	-5.2	0.1	1.1	-13.0	-1.5	7.5	8.7	0.0
Pacific Asset Corporate Loan	65,259,836	24.9	3.4	10.7	13.8	6.0	4.6	-	-0.5	5.2	2.6	8.7	0.7
Morningstar LSTA US Leveraged Loan			3.4	10.1	13.0	6.1	4.5	4.3	-0.8	5.2	3.1	8.6	0.4
SSGA U.S. Govt Bond Index	76,402,350	29.2	-3.0	-1.3	-0.7	-	-	-	-12.5	-	-	-	-
Blmbg. U.S. Treasury: 7-10 Year			-4.4	-2.9	-1.9	-7.5	-0.2	0.8	-14.9	-3.1	10.0	8.5	0.9
BlackRock TIPS	61,156,345	23.3	-2.6	-0.5	1.3	-	-	-	-11.9	-	-	-	-
Blmbg. U.S. TIPS			-2.6	-0.8	1.2	-2.0	2.1	1.7	-11.8	6.0	11.0	8.4	-1.3

1 Year Correlation Matrix

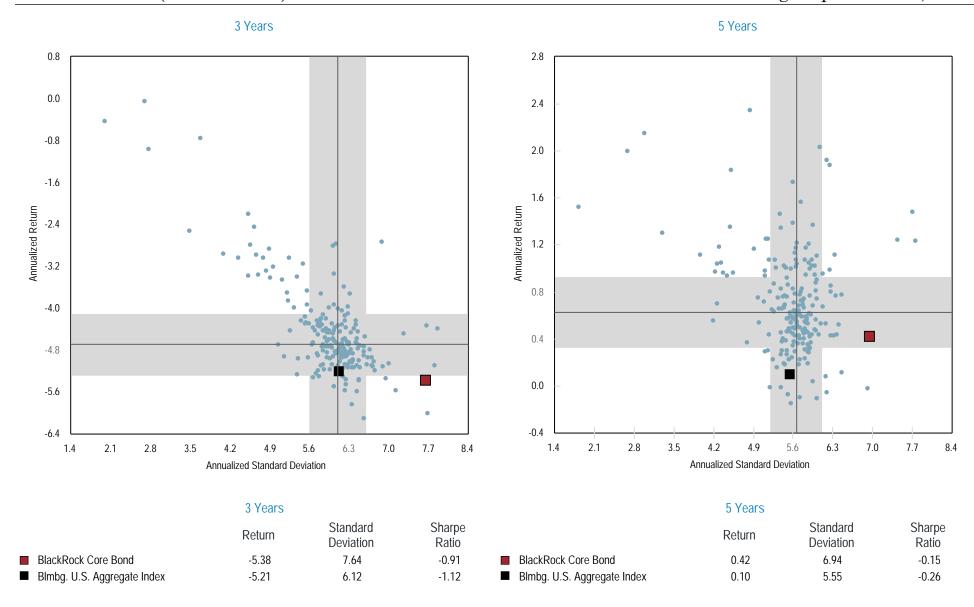
Total Domestic Fixed Income	Total Domestic Fixed Income 1.00	BlackRock Core Bond	Dodge & Cox Income Fund	Pacific Asset Corporate Loan	Blmbg. U.S. Aggregate Index
BlackRock Core Bond	0.46	1.00			
Dodge & Cox Income Fund	0.98	0.36	1.00		
Pacific Asset Corporate Loan	0.02	-0.04	-0.16	1.00	
Blmbg. U.S. Aggregate Index	1.00	0.43	0.99	-0.06	1.00





BlackRock Core Bond vs. eV US Core Fixed Inc Gross Universe 16.0 12.0 8.0 4.0 Return 0.0 -4.0 -8.0 -12.0 -16.0 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 -14.11 (95) -1.56 (78) 9.42 (24) 10.24 (10) 0.35 (25) BlackRock Core Bond -13.01 (63) 8.72 (77) 0.01 (53) 2.65 (80) -2.02 (79) ▲ Blmbg. U.S. Aggregate Index -1.55 (77) 7.51 (84) 3.54 (84) 0.55 (73) 5.97 (62) 5th Percentile -8.09 0.50 10.57 10.85 1.08 5.24 5.08 2.01 7.70 0.58 1st Quartile -0.62 9.36 9.76 4.49 3.87 6.68 -0.91 -12.19 0.34 1.18 Median -12.83 -1.11 8.57 9.30 0.03 4.07 3.26 0.84 6.16 -1.47 3rd Quartile -13.26 -1.52 7.77 8.79 -0.28 3.67 2.75 0.52 5.65 -1.92 95th Percentile -14.20 -2.11 6.55 -0.87 3.03 -2.68 7.22 2.11 -0.17 4.14 **Population** 250 258 261 267 273 283 285 290 299 311





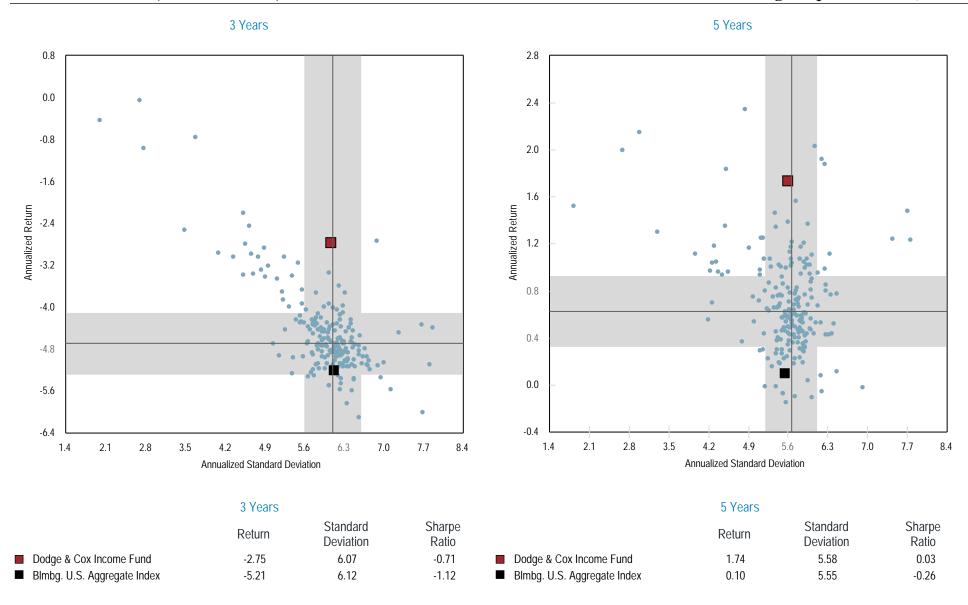


Dodge & Cox Income Fund vs. eV US Core Fixed Inc Gross Universe 4.0 2.0 0.0 Return -2.0 -4.0 -6.0 3 Mo 1 Yr 3 Yrs 5 Yrs 7 Yrs 10 Yrs Dodge & Cox Income Fund -2.67 (23) 3.53 (5) -2.75 (4) 1.74 (4) ▲ Blmbg. U.S. Aggregate Index -3.23 (76) 0.64 (83) -5.21 (92) 0.10 (95) -0.09 (97) 1.13 (98) 5th Percentile -0.68 3.41 -2.85 1.48 1.24 2.37 1st Quartile -2.75 1.74 -4.28 0.96 0.71 1.85 -3.03 Median 1.23 -4.69 0.63 0.46 1.64 3rd Quartile -3.22 0.88 -4.94 0.44 0.25 1.45 95th Percentile -3.65 0.06 -5.35 0.09 1.24 -0.01 Population 225 225 215 207 203 194



Dodge & Cox Income Fund vs. eV US Core Fixed Inc Gross Universe 16.0 12.0 8.0 4.0 Return 0.0 -4.0 -8.0 -12.0 -16.0 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 Dodge & Cox Income Fund -10.50 (12) -0.49 (21) 10.20 (10) 0.12 (41) 5.12 (6) 9.91 (14) 2.65 (80) -2.02 (79) ▲ Blmbg. U.S. Aggregate Index -13.01 (63) -1.55 (77) 7.51 (84) 8.72 (77) 0.01 (53) 3.54 (84) 0.55 (73) 5.97 (62) 5th Percentile -8.09 0.50 10.57 10.85 1.08 5.24 5.08 2.01 7.70 0.58 1st Quartile -0.62 9.36 9.76 4.49 3.87 6.68 -0.91 -12.19 0.34 1.18 Median -12.83 -1.11 8.57 9.30 0.03 4.07 3.26 0.84 6.16 -1.47 3rd Quartile -13.26 -1.52 7.77 8.79 -0.28 3.67 2.75 0.52 5.65 -1.92 95th Percentile -14.20 -2.11 6.55 -0.87 3.03 -2.68 7.22 2.11 -0.17 4.14 **Population** 250 258 261 267 273 283 285 290 299 311





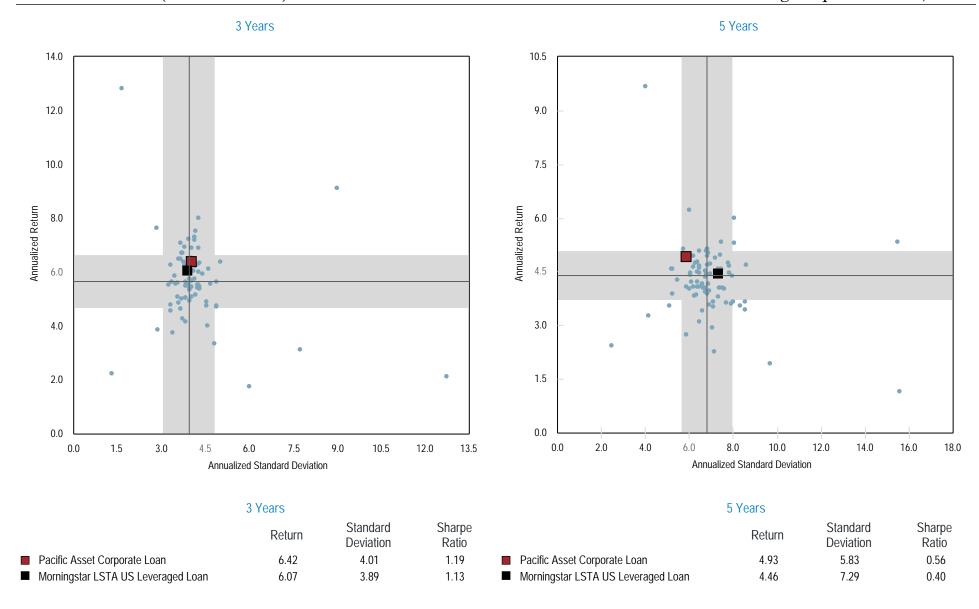


Pacific Asset Corporate Loan vs. eV US Float-Rate Bank Loan Fixed Inc Gross Universe 16.0 14.0 12.0 10.0 8.0 6.0 4.0 2.0 0.0 3 Mo 1 Yr 3 Yrs 5 Yrs 7 Yrs 10 Yrs Pacific Asset Corporate Loan 3.47 (24) 14.25 (12) 6.42 (20) 4.93 (18) 5.25 (14) ▲ Morningstar LSTA US Leveraged Loan 3.43 (25) 13.02 (35) 6.07 (41) 4.46 (46) 4.68 (42) 4.29 (60) 5th Percentile 4.00 15.25 7.48 5.34 5.79 5.60 1st Quartile 3.43 13.44 6.35 4.89 4.74 4.71 Median 3.21 12.57 5.65 4.39 4.60 4.38 3rd Quartile 2.84 11.72 5.10 3.89 4.21 4.07 95th Percentile 1.92 9.06 3.51 2.82 3.43 3.30 Population 91 91 88 87 81 77



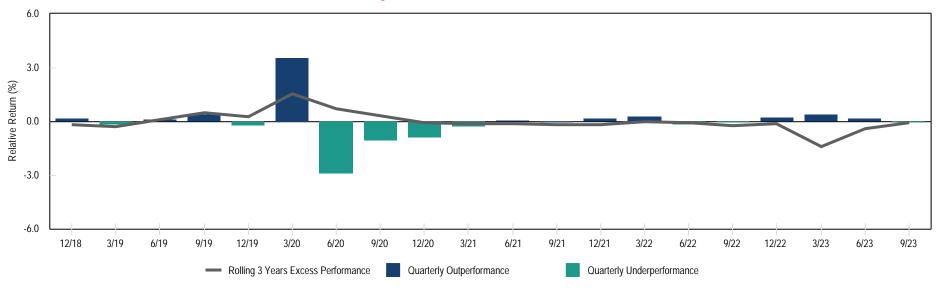
Pacific Asset Corporate Loan vs. eV US Float-Rate Bank Loan Fixed Inc Gross Universe 17.0 14.0 11.0 8.0 Return 5.0 2.0 -1.0 -4.0 -7.0 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 Pacific Asset Corporate Loan -0.53 (21) 5.19 (38) 2.61 (38) 8.75 (30) 0.69 (28) 4.56 (26) 8.83 (52) 2.11 (13) -0.77 (27) 10.16 (29) 5.29 (68) ▲ Morningstar LSTA US Leveraged Loan 5.20 (38) 3.12 (24) 8.64 (36) 0.44 (42) 4.12 (44) -0.69 (72) 1.60 (47) 5th Percentile 0.72 8.32 5.29 10.18 2.71 7.01 13.57 3.57 4.20 10.32 -0.71 5.82 3.05 8.91 0.75 4.57 10.35 1.35 2.12 6.95 1st Quartile Median -1.63 4.83 2.25 8.07 0.20 3.90 8.93 0.22 1.51 5.85 3rd Quartile -3.13 4.24 1.32 7.46 -0.26 3.50 7.79 -0.79 0.87 4.96 95th Percentile -5.99 3.35 -0.62 -0.94 -0.05 4.28 2.69 6.10 -4.33 4.01 **Population** 100 103 111 112 117 113 116 113 112 94



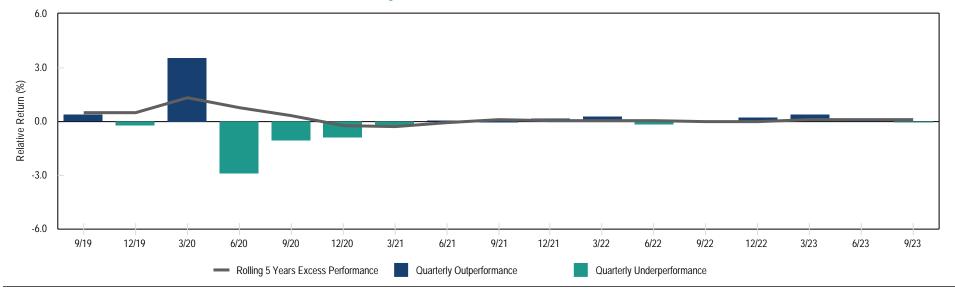




Rolling 3 Years Annualized Excess Performance



Rolling 5 Years Annualized Excess Performance







Total Global Fixed Income Asset Class Overview (Gross of Fees)

San Luis Obispo County Pension Trust Period Ending: September 30, 2023

	Market Value	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Global Fixed	71,601,868	-5.4	-4.2	4.7	-6.7	-3.4	-1.9	-16.8	-7.0	6.7	7.4	-4.3
FTSE World Government Bond Index		-4.3	-2.7	1.0	-8.7	-2.6	-1.2	-18.3	-7.0	10.1	5.9	-0.8
Brandywine Global Fixed Income	34,218,261	-7.1	-6.2	1.1	-5.4	-	-	-13.5	-4.0	-	-	-
FTSE Non-U.S. World Government Bond		-5.2	-3.7	2.5	-10.8	-4.3	-	-22.1	-9.7	10.8	5.3	-1.8
eV All Global Fixed Inc Rank		99	99	91	74	-	-	55	70	-	-	-
Ashmore EM Blended Debt Fund	37,383,607	-3.9	-2.4	7.9	-7.9	-	-	-19.9	-9.5	3.2	-	-
50% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+		-2.2	2.7	10.9	-3.1	-	-	-13.6	-3.9	3.9	-	-
eV All Emg Mkts Fixed Inc Rank		88	99	79	99	-	-	95	94	80	-	-

Total Global Fixed Income Asset Class Overview (Net of Fees)

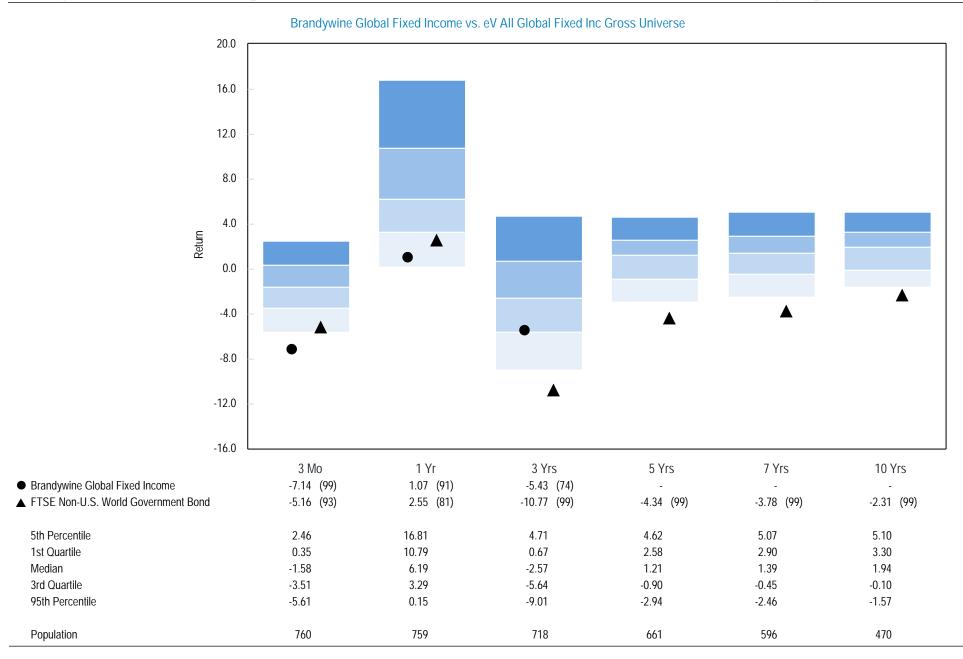
San Luis Obispo County Pension Trust Period Ending: September 30, 2023

	Market Value	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Global Fixed	71,601,868	-5.6	-4.8	3.9	-7.4	-4.0	-2.4	-17.5	-7.7	6.0	6.9	-4.7
FTSE World Government Bond Index		-4.3	-2.7	1.0	-8.7	-2.6	-1.2	<i>-18.3</i>	-7.0	10.1	5.9	-0.8
Brandywine Global Fixed Income	34,218,261	-7.3	-6.6	0.6	-5.9	-	-	-14.0	-4.4	-	-	-
FTSE Non-U.S. World Government Bond		-5.2	-3.7	2.5	-10.8	-4.3	-	-22.1	-9.7	10.8	5.3	-1.8
Ashmore EM Blended Debt Fund	37,383,607	-4.2	-3.2	6.8	-8.8	-	-	-20.7	-10.4	2.1	-	-
50% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+		-2.2	2.7	10.9	-3.1	-	-	-13.6	-3.9	3.9	_	-

1 Year Correlation Matrix

	Total Global Fixed	Brandywine Global Fixed Income	Ashmore EM Blended Debt Fund	FTSE World Government Bond Index
Total Global Fixed	1.00			
Brandywine Global Fixed Income	0.98	1.00		
Ashmore EM Blended Debt Fund	0.99	0.93	1.00	
FTSE World Government Bond Index	0.92	0.96	0.85	1.00

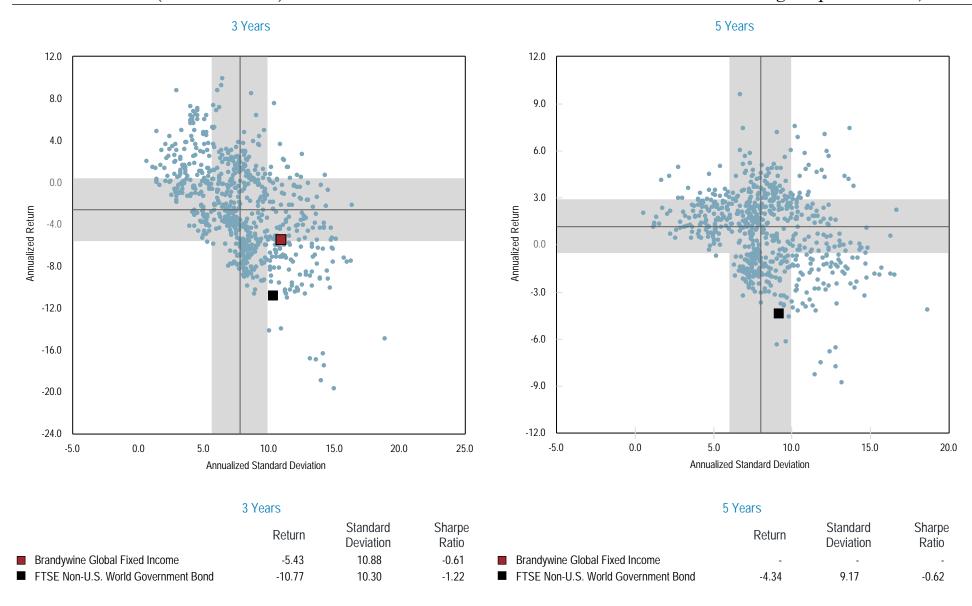






Brandywine Global Fixed Income vs. eV All Global Fixed Inc Gross Universe 26.0 20.0 14.0 8.0 2.0 Return -4.0 -10.0 -16.0 -22.0 -28.0 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 Brandywine Global Fixed Income -14.00 (59) -4.38 (72) -9.68 (98) -5.54 (78) -2.68 (83) ▲ FTSE Non-U.S. World Government Bond -22.07 (95) 10.78 (31) 5.32 (86) -1.82 (45) 10.33 (26) 1.81 (74) -4.56 (89) 5th Percentile -1.56 5.67 18.60 15.42 1.90 17.48 13.70 1.82 8.10 12.42 -8.45 11.49 12.37 -0.31 7.61 -0.21 3.99 5.35 1st Quartile 2.21 10.36 Median -12.71 -0.70 8.54 8.83 -2.17 7.63 4.38 -2.82 1.87 0.56 3rd Quartile -16.45 -4.77 5.28 6.91 -4.43 5.53 1.57 -5.18 -0.62 -2.52 95th Percentile -22.21 -8.48 -9.31 -2.29 -6.80 1.57 2.69 2.71 -11.36 -8.78 **Population** 587 601 605 595 606 590 583 572 540 496

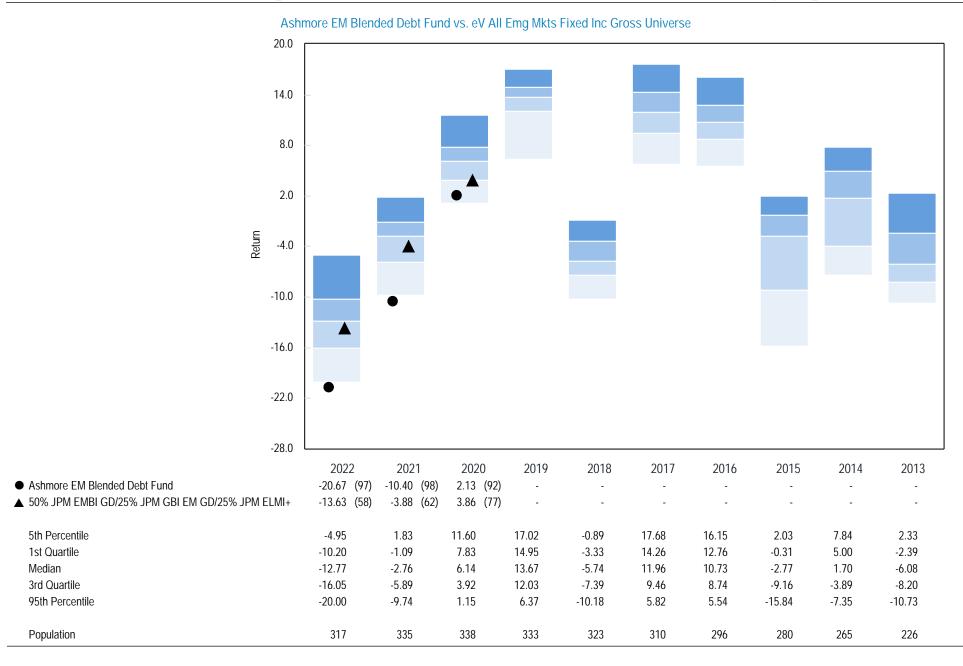




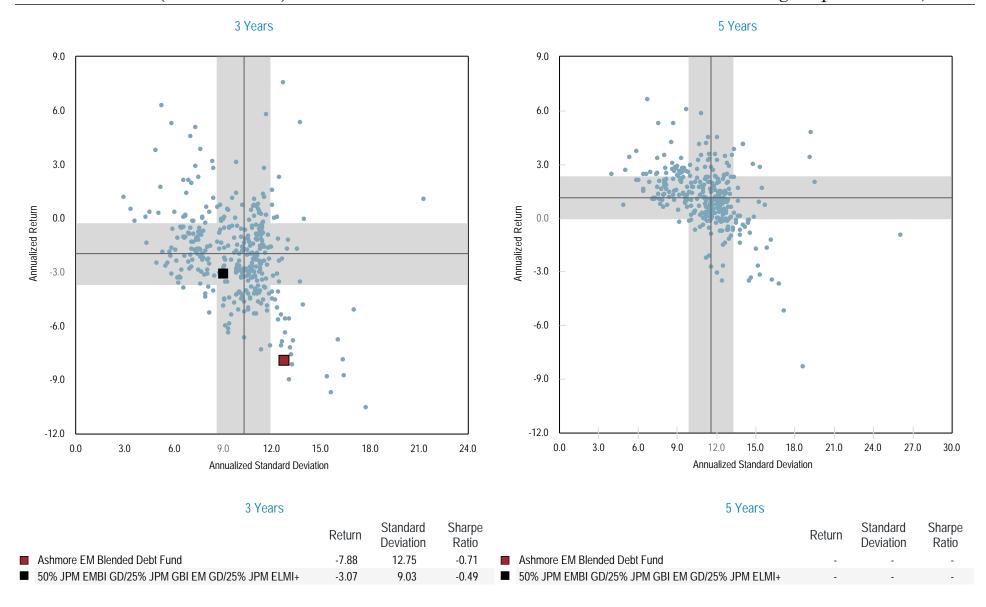


Ashmore EM Blended Debt Fund vs. eV All Emg Mkts Fixed Inc Gross Universe 20.0 16.0 12.0 8.0 Return 4.0 0.0 -4.0 -8.0 -12.0 1 Yr 3 Yrs Quarter 5 Yrs 7 Yrs 10 Yrs -3.91 (89) 7.86 (83) -7.88 (99) Ashmore EM Blended Debt Fund ▲ 50% JPM EMBI GD/25% JPM GBI EM GD/25% JPM ELMI+ -2.16 (51) 10.93 (57) -3.07 (71) 5th Percentile 1.04 17.18 1.96 3.59 3.83 4.38 1st Quartile -0.71 13.92 -0.56 2.13 2.26 3.29 Median -2.14 11.58 -1.95 1.15 1.29 2.42 3rd Quartile -3.14 8.85 -3.30 0.29 0.58 0.84 95th Percentile -4.47 -1.42 -0.76 -0.87 5.34 -6.08 Population 390 390 366 328 298 239











Total Real Estate Asset Class Overview (Gross of Fees)

San Luis Obispo County Pension Trust Period Ending: September 30, 2023

	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Real Estate	229,321,635	100.0	-2.7	-7.1	-11.3	6.1	4.7	7.6	6.7	18.7	1.1	4.3	7.5
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7
JP Morgan Core Real Estate	148,939,122	64.9	-3.1	-7.5	-12.1	5.7	4.1	7.0	4.3	20.2	0.5	3.4	7.0
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	8.2	7.5	22.2	1.2	5.3	8.3
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7
ARA American Strategic Value Realty	78,582,513	34.3	-1.8	-6.3	-9.6	6.4	6.3	-	12.3	14.0	3.8	7.3	9.1
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	8.2	7.5	22.2	1.2	5.3	8.3
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7
Brookfield Infrastructure Fund	1,800,000	8.0											

Total Real Estate Asset Class Overview (Net of Fees)

San Luis Obispo County Pension Trust Period Ending: September 30, 2023

	Market Value	% of Portfolio	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	2022	2021	2020	2019	2018
Total Real Estate	229,321,635	100.0	-2.7	-7.1	-11.3	6.1	4.7	7.3	6.7	18.7	1.1	4.3	7.5
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7
JP Morgan Core Real Estate	148,939,122	64.9	-3.1	-7.5	-12.1	5.7	4.1	6.7	4.3	20.2	0.5	3.4	7.0
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	8.2	7.5	22.2	1.2	5.3	8.3
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7
ARA American Strategic Value Realty	78,582,513	34.3	-1.8	-6.3	-9.6	6.4	6.3	-	12.3	14.0	3.8	7.3	9.1
NCREIF-ODCE			-1.9	-7.6	-12.1	7.1	5.7	8.2	7.5	22.2	1.2	5.3	8.3
NCREIF Property Index			-1.4	-5.1	-8.4	6.0	5.3	7.4	5.5	17.7	1.6	6.4	6.7
Brookfield Infrastructure Fund	1,800,000	8.0											

Performance Return Calculatioı

Performance is calculated using Time Weighted Rates of Return (TWRR) methodologies. Monthly returns are geometrically linked and annualized for periods longer than one year. Effective 1/01/2017, only traditional asset classes (public equity, public fixed income, REITs) investment management fees will be included in the gross of returns calculation.

Data Source

Verus is an independent third party consulting firm and calculates returns from best source book of record data. Returns calculated by Verus may deviate from those shown by the manager in part, but not limited to, differences in prices and market values reported by the custodian and manager, as well as significant cash flows into or out of an account. It is the responsibility of the manager and custodian to provide insight into the pricing methodologies and any difference in valuation.

Illiquid Alternatives

Due to the inability to receive final valuation prior to report production, closed end funds (including but are not limited to Real Estate, Hedge Funds, Private Equity, and Private Credit) performance is typically reported at a one-quarter lag. Valuation is reported at a one-quarter lag, adjusted for current quarter flow (cash flows are captured real time). Closed end fund performance is calculated using a time-weighted return methodology consistent with all portfolio and total fund performance calculations. For Private Markets, performance reports also include Verus-calculated multiples based on flows and valuations (e.g. DPI and TVPI) and manager-provided IRRs.

Manager Line Up					
Manager	Inception Date	Data Source	Manager	Inception Date	Data Source
PIMCO RAE Fundamental PLUS	11/30/2007	J.P. Morgan	JP Morgan Core Real Estate	3/6/2008	J.P. Morgan
Loomis Sayles Large Cap Growth	12/31/2016	J.P. Morgan	Gresham MTAP Commodity	8/31/2013	BNY Mellon
Boston Partners Large Cap Value	1/31/2017	Boston Partners	Cash Account	-	SLOCPT
Atlanta Capital Management	8/31/2010	J.P. Morgan	HarbourVest Partners IX-Buyout	2011 ¹	HarbourVest
Dodge & Cox Intl Stock	12/6/2007	J.P. Morgan	HarbourVest 2018 Global Fund L.P.	-	HarbourVest
NCM International Growth	2/15/2017	WCM	HarbourVest SLO Credit Fund	-	HarbourVest
BlackRock Core Bond	1/19/2017	J.P. Morgan	HarbourVest SLO Private Equity Fund	-	HarbourVest
Dodge & Cox Income	1/19/2017	Deutsche Bank	KKR Mezzanine Partners	2010 ¹	KKR
Pacific Asset Corporate Loan	9/1/2014	Deutsche Bank	PIMCO Distressed Credit Fund	2010 ¹	Brown Brothers Harrima
SSGA U.S. Govt Bond Index	7/16/2021	SSGA	ARA American Strategic Value	6/22/2016	American Realty Adv.
BlackRock TIPS	9/1/2021	BlackRock	Sixth Street Partners DCP	2016 ¹	TPG
Brandywine Global Fixed	6/24/2020	J.P. Morgan	Pathway Private Equity Fund 9	2017 ¹	Pathway
Ashmore EM Blended Debt Fund	3/31/2019	Ashmore	Pathway Private Equity Fund 10	3/25/2020	Pathway
PIMCO Short Duration Fund	7/14/2021	PIMCO	Sixth Street Partners TAO	4/16/2020	TPG
Represents fund vintage year.					
Policy & Custom Index Composition	0404 5 110000 4704) 00/ EL		=0/ B1 1 10
Policy Index (1/1/2023-Current)			s), 8% Bloomberg U.S. Aggregate, 6% FTSE V		
		american Strategic Value	r, 9% NCREIF Property Index, 10% Private Equation 100 Property Index (10% Private Equation 10%)	uity benchmark, 6% Pi	ivate Credit Benchmark, 67
2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* *	•	*		
Policy Index (1/1/2022-12/31/2022)			s), 12% Bloomberg U.S. Aggregate, 7% FTSE r, 11% NCREIF Property Index, 10% Private E		
		RA American Strategic Va		quity benchmark, 7% i	rivate Credit Benchmark,
2-11 11 (4/4/2004 40/04/2004		•	*	- W11 O1 B11-1	00/ Di
Policy Index (1/1/2021-12/31/2021			s), 12% Bloomberg U.S. Aggregate, 11% FTSE CREIF Property Index, 5% Private Equity Bend		
		dit 1-3 yr, 2% 90 Day T-B		mmark, 5% Private Cre	euit benchmark, 2%
Palian Inday (40/4/2020 42/24/2020)	•			CIC December Index 40	/ Dunnell 2000 4 Drivete
Policy Index (10/1/2020-12/31/2020)			s), 31% Bloomberg U.S. Aggregate, 17% NCR	EIF Property Index, 17	6 Russell 3000,4 Private
		Private Credit Benchmark.			
Policy Index (4/1/2020-9/30/2020)			s), 31% Bloomberg U.S. Aggregate, 17% NCR	EIF Property Index, 5%	6 Russell 3000+ 300 bps
		High Yield +2% (lagged).			
Policy Index (1/1/2017-3/31/2020)	20% Puscall 2000, 20%	MSCI ACMI av-IIS (Grae	c) 30% Bloomborg LLS Aggregate 15% NCP	EIE Droporty Index 5%	- Bloomborg Commodity

	Biodriberg 03 Govicedit 1-3 yr, 2% 90 day 1-biii.
Policy Index (10/1/2020-12/31/2020)	21% Russell 3000, 21% MSCI ACWI ex-US (Gross), 31% Bloomberg U.S. Aggregate, 17% NCREIF Property Index, 1% Russell 3000,4 Private Equity Benchmark, 5% Private Credit Benchmark.
Policy Index (4/1/2020-9/30/2020)	21% Russell 3000, 21% MSCI ACWI ex-US (Gross), 31% Bloomberg U.S. Aggregate, 17% NCREIF Property Index, 5% Russell 3000+ 300 bps (lagged), 5% Bloomberg High Yield +2% (lagged).
Policy Index (1/1/2017-3/31/2020)	20% Russell 3000, 20% MSCI ACWI ex-US (Gross), 30% Bloomberg U.S. Aggregate, 15% NCREIF Property Index, 5% Bloomberg Commodity Index, 5% Russell 3000+ 300 bps (lagged), 5% Bloomberg High Yield +2% (lagged).
Policy Index (10/1/2016-12/31/2016)	20% Russell 3000, 20% MSCI ACWI ex-US (Gross), 30% Bloomberg U.S. Aggregate, 15% NCREIF Property Index, 5% Bloomberg Commodity Index, 5% Russell 3000+ 300 bps, 5% Bloomberg High Yield +2% (lagged).
Policy Index (7/1/2014-9/30/2016)	23% Russell 3000, 22% MSCI ACWI ex-US (Gross), 35% Bloomberg U.S. Aggregate, 10% NCREIF Property Index, 5% Bloomberg Commodity Index, 5% Russell 3000+ 300 bps.
Policy Index (7/1/2013-6/30/2014)	27% Russell 3000, 23% MSCI ACWI ex-US (Gross), 30% Bloomberg U.S. Aggregate, 10% NCREIF Property Index, 5% Bloomberg Commodity Index, 5% Russell 3000+ 300 bps.
Policy Index (4/1/2011-6/30/2013)	27% Russell 3000, 23% MSCI ACWI ex-US (Gross), 20% Bloomberg U.S. Aggregate, 5% Citi World Gov't Bond, 5% Barclays US TIPS, 10%

Policy Index (4/1/2011-6/30/2013) 27% Russell 3000, 23% MSCI ACWI ex-US (Gross), 20% Bloomberg U.S. Aggregate, 5% Citi World Gov't Bond, 5% Barclays US TIPS, 10 NCREIF Property Index, 5% Bloomberg Commodity Index, 5% Russell 3000+ 300 bps.

Private Equity Index (1/1/2017-10/1/2020) Russell 3000 +3% (Lagged)
Private Equity Index (6/1/2011-12/31/2016) Russell 3000 +3%

Private Equity Benchmark and Private Credit Benchmarks are equal to the actual private equity and private credit returns, respectively.

Custom Growth Benchmark (1/1/2021-Present) 30.8% Russell 3000, 25% MSCI ACWI Gross, 14.71% Private Equity Benchmark, 10.29% Private Credit Benchmark, 16.18% NCREIF Property Index, 2.94% ARA American Strategic Value Realty

Custom Risk Diversifying Benchmark (1/1/2021-Present)
46.15% Bloomberg U.S. Aggregate Index, 26.92% FTSE World Government Bond Index, 15.38% Bloomberg US Treasury: 7-10 Year, 11.54% Bloomberg US TIPS

Other Disclosures



Glossary

Allocation Effect: An attribution effect that describes the amount attributable to the managers' asset allocation decisions, relative to the benchmark.

Alpha: The excess return of a portfolio after adjusting for market risk. This excess return is attributable to the selection skill of the portfolio manager. Alpha is calculated as: Portfolio Return - [Risk-free Rate + Portfolio Beta x (Market Return - Risk-free Rate)].

Benchmark R-squared: Measures how well the Benchmark return series fits the manager's return series. The higher the Benchmark R-squared, the more appropriate the benchmark is for the manager. **Beta:** A measure of systematic, or market risk; the part of risk in a portfolio or security that is attributable to general market movements. Beta is calculated by dividing the covariance of a security by the variance of the market.

Book-to-Market: The ratio of book value per share to market price per share. Growth managers typically have low book-to-market ratios while value managers typically have high book-to-market ratios. Capture Ratio: A statistical measure of an investment manager's overall performance in up or down markets. The capture ratio is used to evaluate how well an investment manager performed relative to an index during periods when that index has risen (up market) or fallen (down market). The capture ratio is calculated by dividing the manager's returns by the returns of the index during the up/down market, and multiplying that factor by 100.

Correlation: A measure of the relative movement of returns of one security or asset class relative to another over time. A correlation of 1 means the returns of two securities move in lock step, a correlation of -1 means the returns of two securities move in the exact opposite direction over time. Correlation is used as a measure to help maximize the benefits of diversification when constructing an investment portfolio.

Excess Return: A measure of the difference in appreciation or depreciation in the price of an investment compared to its benchmark, over a given time period. This is usually expressed as a percentage and may be annualized over a number of years or represent a single period.

Information Ratio: A measure of a manager's ability to earn excess return without incurring additional risk. Information ratio is calculated as: excess return divided by tracking error.

Interaction Effect: An attribution effect that describes the portion of active management that is contributable to the cross interaction between the allocation and selection effect. This can also be explained as an effect that cannot be easily traced to a source.

Portfolio Turnover: The percentage of a portfolio that is sold and replaced (turned over) during a given time period. Low portfolio turnover is indicative of a buy and hold strategy while high portfolio turnover implies a more active form of management.

Price-to-Earnings Ratio (P/E): Also called the earnings multiplier, it is calculated by dividing the price of a company's stock into earnings per share. Growth managers typically hold stocks with high price-to-earnings ratios whereas value managers hold stocks with low price-to-earnings ratios.

R-Squared: Also called the coefficient of determination, it measures the amount of variation in one variable explained by variations in another, i.e., the goodness of fit to a benchmark. In the case of investments, the term is used to explain the amount of variation in a security or portfolio explained by movements in the market or the portfolio's benchmark.

Selection Effect: An attribution effect that describes the amount attributable to the managers' stock selection decisions, relative to the benchmark.

Sharpe Ratio: A measure of portfolio efficiency. The Sharpe Ratio indicates excess portfolio return for each unit of risk associated with achieving the excess return. The higher the Sharpe Ratio, the more efficient the portfolio. Sharpe ratio is calculated as: Portfolio Excess Return / Portfolio Standard Deviation.

Sortino Ratio: Measures the risk-adjusted return of an investment, portfolio, or strategy. It is a modification of the Sharpe Ratio, but penalizes only those returns falling below a specified benchmark. The Sortino Ratio uses downside deviation in the denominator rather than standard deviation, like the Sharpe Ratio.

Standard Deviation: A measure of volatility, or risk, inherent in a security or portfolio. The standard deviation of a series is a measure of the extent to which observations in the series differ from the arithmetic mean of the series. For example, if a security has an average annual rate of return of 10% and a standard deviation of 5%, then two-thirds of the time, one would expect to receive an annual rate of return between 5% and 15%.

Style Analysis: A return based analysis designed to identify combinations of passive investments to closely replicate the performance of funds

Style Map: A specialized form or scatter plot chart typically used to show where a Manager lies in relation to a set of style indices on a two-dimensional plane. This is simply a way of viewing the asset loadings in a different context. The coordinates are calculated by rescaling the asset loadings to range from -1 to 1 on each axis and are dependent on the Style Indices comprising the Map.



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