

Watertown Contributory Retirement System

Quarterly Investment Review - Third Quarter 2024

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Retirement Plans

Featured Insights

- Blog: <u>Celebrating 50 Years of ERISA</u>
- Blog: From Worry to Wellness
- Blog: <u>Strategies to Reduce PBGC</u>
 <u>Premiums</u>
- Blog: <u>Accounting for Float Income in</u> <u>Retirement Plans</u>

Endowments & Foundations

Featured Insights

- Blog: ESG is Dead, Long Live ESG!
- Blog: <u>Celebrating National Nonprofit Day</u>
- Nonprofit Investment Stewards Podcast: Quarterly Quick Take: How Presidential Elections Impact Your Portfolio

The Wealth Office®

Featured Insights

- Blog: Don't Send Your Child Off to College Without These Four Tools
- Blog: <u>Executive Compensation –</u> <u>Five Costly Mistakes</u>
- Webcast: <u>Seven Medicare</u> <u>Mistakes to Avoid</u>

Research Insights

- Monthly Market Recaps
- Monthly Market Updates
- Mid-Year Update
- Private Markets Semi-Annual Update

New Associates – Welcome!

Daisy Guzman Consulting Analyst

Ashley Lemieux Client Service Associate **Denisse Merlos** Consulting Analyst

Dee Northern Wealth Planner

As of September 30, 2024.

2024 Investor Conference *That's a wrap!*

Featured speakers:

Liz Ann Sonders | Charles Schwab & Co. Howard Marks | Oaktree Capital Management John Emerson | Capital Group Stephen Watson | The National WWII Museum

Save the Date! 2025 Investor Conference The Westin Copley Place Boston

September 16 - 17



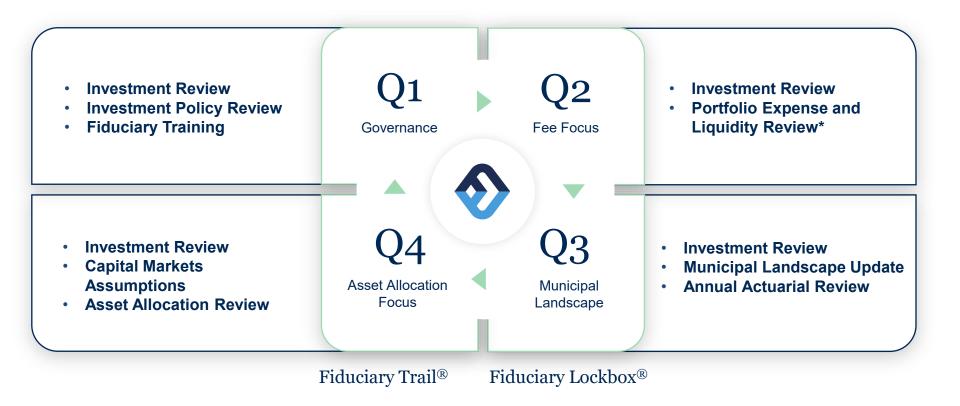
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Section 1 Fiduciary Governance Calendar

- Section 2 Capital Markets Overview
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The fiduciary governance calendar is designed to create a disciplined framework around governance, which helps ensure that over the course of a calendar year key fiduciary obligations and responsibilities are being met.



*Liquidity analysis is provided only for portfolios with marketable alternatives and/or private equity.



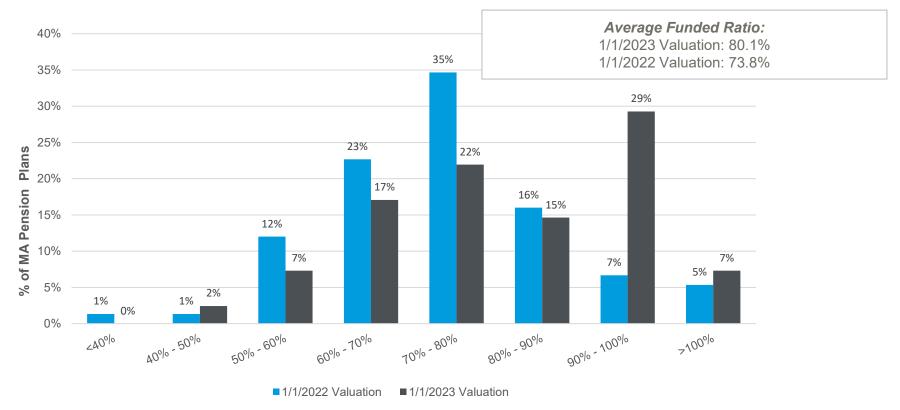
Wa	atertown Retirement Syste	em					
1/1/2023 1/1/2022							
Actuarial Value of Assets	264,785,388	260,164,732					
Total Accrued Liability	261,264,676	251,018,257					
Funded Ratio	101.3%	103.6%					
Actuarial Return Assumption	7.65%	7.70%					

Source: Sherman Actuarial Services, 2023 Valuation Report

Trends in Funded Status in MA Pension Plans

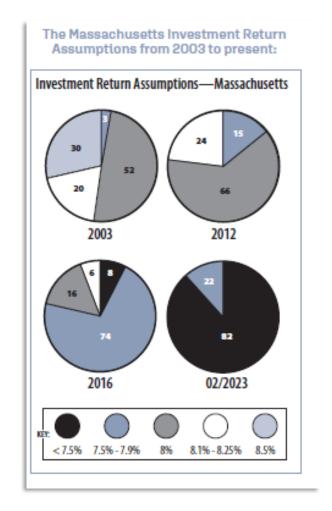
- The 2023 PERAC Investment Report showed an increase in funded ratios as of 1/1/2023. The average funded ratio for plans reporting 1/1/2023 valuation results was 80.1%¹ versus an average funded ratio of 73.8% for plans reporting results as of 1/1/2022.²
- Favorable capital market performance helped improve funded statuses for calendar year 2023.

Distribution of Funded Ratios for Municipal Pension Plans in Massachusetts¹



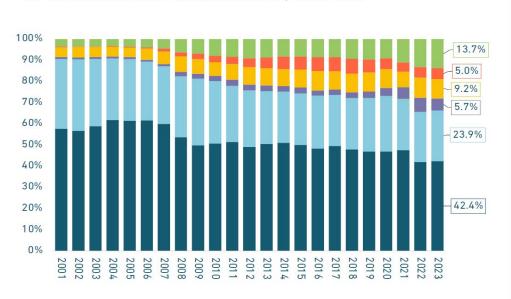
¹PERAC Investment Report 2023, July 2024 ²PERAC Investment Report 2022, August 2023.

- Over the last decade, MA public pension plans, and public plans in general, have **reduced** their investment return assumptions (discount rates).
- All else being equal, a lower investment return assumption results in higher actuarial liability and Actuarially Determined Employer Contribution (ADEC), and a lower funded ratio.
- According to PERAC, as of their annual report in 2023 approximately 82% of MA pension plans have an investment return assumptions lower than 7.5% while 22% have a return assumption between 7.5% and 7.9%.
- More recently, public plans in general have paused in setting lower assumed rates of return on a go-forward bases primarily due to the restoration of higher bond yields.



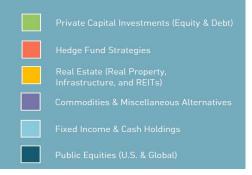
Public Pension Plans: Asset Allocation Trends

- Since 2001, the allocation to "alternatives" has increased while the allocation to traditional assets such as fixed income and equities steadily declined.
- As the yield on fixed income declined over the same period, pension plans looked to harvest higher return profiles offered by alternative investments in an effort to meet, or exceed, the plan's investment return assumption.
- As bond yields have moved off their historic lows and the adoption of lower investment return assumptions, public pension plans are re-examining their allocation and go-forward weightings to public fixed income investments.



Public pension asset allocations have shifted away from transparent public equities and relatively safe fixed income investments into riskier categories as trustees search for stronger investment returns.

"Alternatives" are a third of pension fund investments (33.7%), driven by private capital investments (13.7%).



Source: The Equable Institute Annual Report State of Pensions 2024 www.FiducientAdvisors.com

ASSET ALLOCATION TREND

OF STATE & LOCAL PENSION FUNDS 2001–2023

Market Themes

- 1. The Federal Reserve has embarked on the latest cutting cycle, with an initial cut of 50 basis points at its September meeting. Uncertainty remains on the ultimate timing and quantity of future cuts.
- 2. Financial markets, on average, have performed well following the onset of an interest rate cutting cycle. We believe opportunities within fixed income and small cap equities remain, while concentration remains within the large cap space.
- Market volatility will likely remain elevated as we head into the presidential election. Investing based on a particular political party is rarely effective. Those who have stayed invested regardless have been rewarded.

1-Year Performance Following the First Rate Cut of Cycle

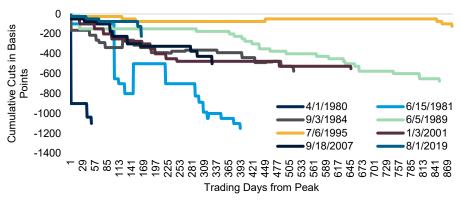
Federal reserve cutting cycles, on average, have resulted in favorable results for areas of the market such as fixed income and small cap equities. This may present attractive investment opportunities outside of U.S. large cap in today's market environment.

First Rate Cut	4/1/80	6/15/81	9/3/84	6/5/89	7/6/95	1/3/01	9/18/07	8/1/19	Avg
S&P 500	40.1	-10.7	18.2	16.8	23.0	-8.8	-20.0	12.0	8.8
Russell 2000	72.1	-20.6	15.7	0.4	20.9	6.9	-11.6	-4.6	9.9
Bbg Agg Bond	13.0	14.9	24.2	9.4	3.3	7.0	6.0	10.1	11.0
U.S. Dollar				-0.1	0.1	0.1	0.0	-5.2	-1.0

Sources: FactSet, FOMC, Morningstar, Fiducient Advisors. As of September 30, 2024. Performance is the following 1-year period from the first rate cut date.

Historical Federal Reserve Cutting Cycles

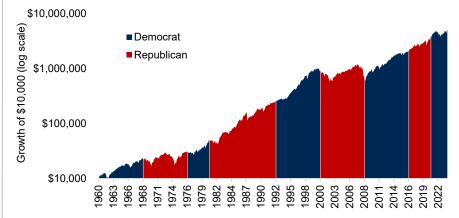
The path of lower Federal Funds Rates have varied widely over time, but since the 1980s, the average cutting cycle has lasted approximately 22 months with roughly 600 basis points of cumulative cuts.



Sources: FactSet, FOMC, Fiducient Advisors. As of September 30, 2024.

Staying Invested Rewards Long-Term Investors

Investors who stayed invested regardless of political party have been rewarded with portfolio values 10x greater than those investing only under a particular party.



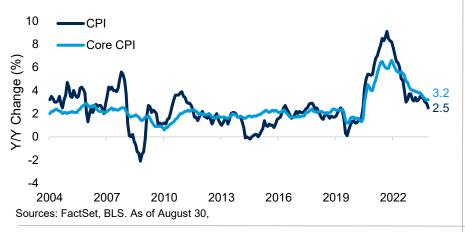
Sources: Schwab Center for Financial Research, Morningstar. Data from January 1, 1961 to December 31, 2023. See disclosures for additional information and definitions.

See disclosures for list of indices representing each asset class. Past performance does not indicate future performance and there is a possibility of a loss. 10 10

Economic Review

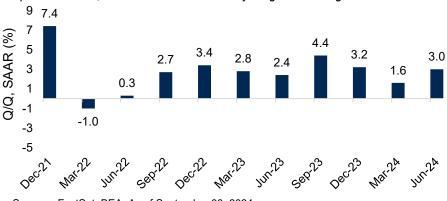
U.S. Inflation

Inflation is trending toward the Federal Reserve's 2% target, with U.S. CPI falling to the lowest level since 2021. The Fed acknowledged the progress made on one half of its dual mandate of price stability and full employment.



U.S. Real GDP Growth

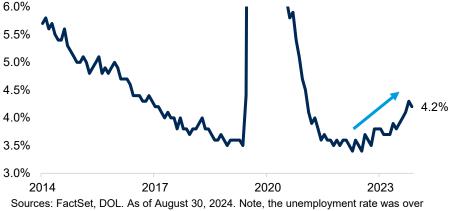
The U.S. economy remains resilient growing 3% in the second quarter. Despite a cooling in the labor market, the consumer remains relatively healthy and corporate fundamentals are positive. However, rising delinquencies, the dock worker strike, potential tariffs, and other uncertainties may weigh on future growth.



Sources: FactSet, BEA. As of September 30, 2024.

U.S. Unemployment Rate

The U.S. labor market is cooling, and U.S. unemployment remains above 4%. Labor market data over coming months will likely play an increasingly important roll in the Federal Reserve's next interest rate decisions.



Sources: FactSet, DOL. As of August 30, 2024. Note, the unemployment rate was over 10% for a period of time in 2020, but is not shown due to scaling of y-axis.

U.S. Dollar Index (DXY)

Falling interest rates and easing central bank activity pushed the U.S. dollar approximately 5% lower during the quarter. A falling dollar may help spur U.S. exports, but ultimately makes goods abroad more expensive for the U.S. consumer. 107



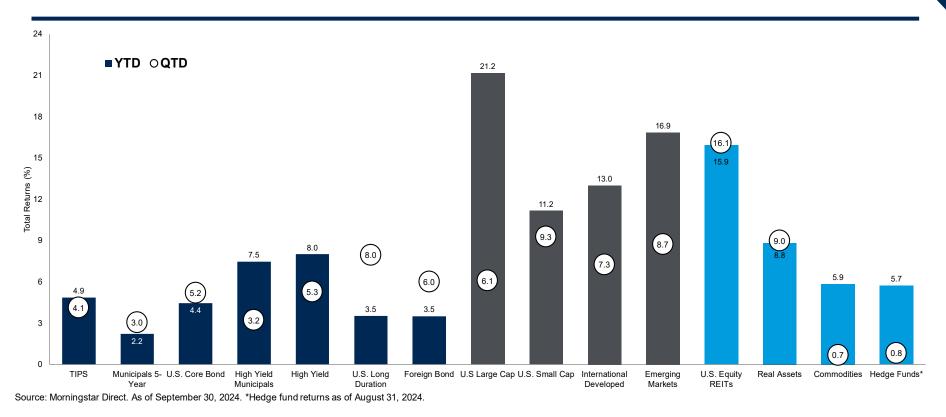
Sources: FactSet. As of September 30, 2024.

Pr N^{or} 5^o 5^o P^{or} 6^o er 30, 2024.

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See disclosures for list of indices representing each asset class. Past performance does not indicate future performance and there is a possibility of a loss. 11 Indices cannot be invested in directly.

Asset Class Returns



Fixed Income (3Q 2024)

+ The Federal Reserve cut its target rate by 50 basis points at its September meeting, as the inflation backdrop has progressed closer to the Fed's target and the labor market has started to show signs of weakness. Longer duration assets, the most sensitive to lower interest rates, performed best in the quarter.

- + The high yield market continues to generate strong returns as investor expectations grow for the prospect of a soft-landing scenario.
- + The U.S. dollar fell during the period, providing an added tailwind for non-USD debt.

Equity (3Q 2024)

+ Areas of the equity market less exposed to the concentrated names in U.S. large cap outperformed in the third quarter. U.S. small cap had a strong return, benefitting from both lower interest rates and less exposure to concerns about the monetization of AI.

- + Central bank activity in Europe also provided a boost to international developed markets.
- + Emerging markets outperformed developed markets during the period. Investor optimism surrounding the recent stimulus package in China helped fuel strong performance for the region.

Real Asset / Alternatives (3Q 2024)

+ Equity REITs had a strong quarter, producing double digit results and bringing the asset class into positive territory year-to-date. The falling interest rate environment and market expectations for the Fed to continue to cut interest rates fueled the asset class.

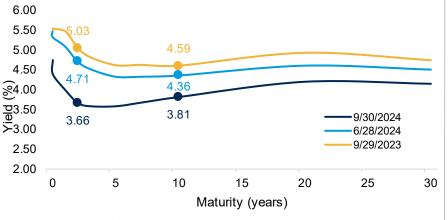
- + Commodities eked out a modest gain, driven from the metals sub-sectors. Energy lagged due to declining oil prices a rare move amidst rising military tensions in the middle east.
- + Real assets performed well during the quarter. Much of the gain came from infrastructure and timber.

See disclosures for list of indices representing each asset class. Past performance does not indicate future performance and there is a possibility of a loss. www.FiducientAdvisors.com Indices cannot be invested in directly.

Fixed Income Market Update

U.S. Treasury Yield Curve

The yield curve moved lower as the Fed began to cut interest rates. The curve steepened as a result and the spread between the 2-year and 10-year yield moved into positive territory for the first time since 2022.



Source: FactSet. As of September 30, 2024.

Corporate Market Spreads – Trailing 5 Years

Valuations remain elevated (tighter spreads) within the corporate credit market. Continued demand, favorable fundamentals and increasing optimism around a soft-landing scenario have provided a tailwind for corporate credit.

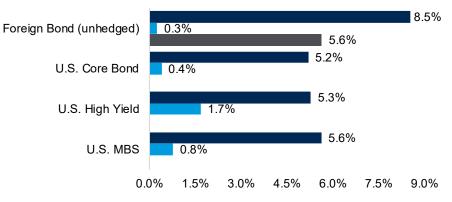


Source: FactSet, As of September 30, 2024

Index Performance Attribution (30 2024)

Most sectors outperformed comparable Treasuries during the quarter. Foreign bonds benefited from a falling U.S. dollar, while credit sectors had the additional tailwind from spread compression.





Source: FactSet. As of September 30, 2024.

Current Yield-to-Worst vs. 1 Year Ago

The environment has shifted and while yields remain attractive across fixed income sectors, they are lower than they were a year ago. Both spread compression, which has impacted high yield the most, and lower rates have contributed to the decline in vields.



Source: FactSet. As of September 30, 2024. Based on respective Bloomberg Index.

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Equity Market Update

Equity Valuations (Trailing PE – Last 15 Years)

Equity valuations moved higher in the third quarter on the back of favorable price movement. Large cap domestic equity valuations remain stretched, driven by a select few names concentrated at the top of the benchmark.



Select Country Returns (%)

Many of the largest economies had positive gains during the third quarter. China was among the top preforming countries due to optimism surrounding the economic stimulus package being implemented. Interest rates moved lower in Europe as well, and policy rate cuts from the ECB and the Bank of England provided a tailwind for the regions.



Source: Morningstar Direct. As of September 30, 2024.

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■YTD ■QTD

U.S. Equities – Return by Sector (3Q 2024)

Almost all sectors were in positive territory in the third quarter, with energy the lone negative standout. Returns were more widely distributed among sectors as the AI craze from early in the year cooled off in the third quarter.

22.1

4.3^{19.4}

17.2

14.4

13.9

20.2

18.7

21.9

30.6

30.3

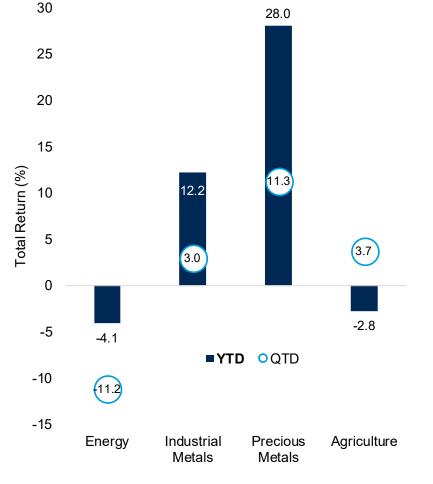
28.8

Real Assets Market Update



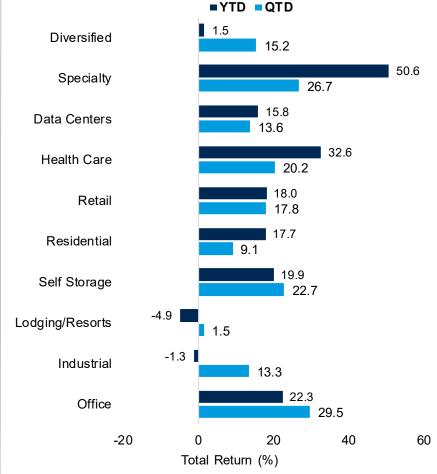
Commodity Performance (3Q 2024)

Commodities were modestly positive during the third quarter, with mixed results from underlying sub-sectors. Precious metals was the leader as gold prices moved higher. Concerns about a slowing global economy and OPEC+ adding to supply negatively impacted oil prices



REIT Sector Performance (3Q 2024)

REITs had a strong quarter in the declining interest rate environment. The office sub-sector rebounded and was among the top performing areas. Longer lease assets within the specialty sub-sector, which are more sensitive to interest rate changes, benefitted as well.

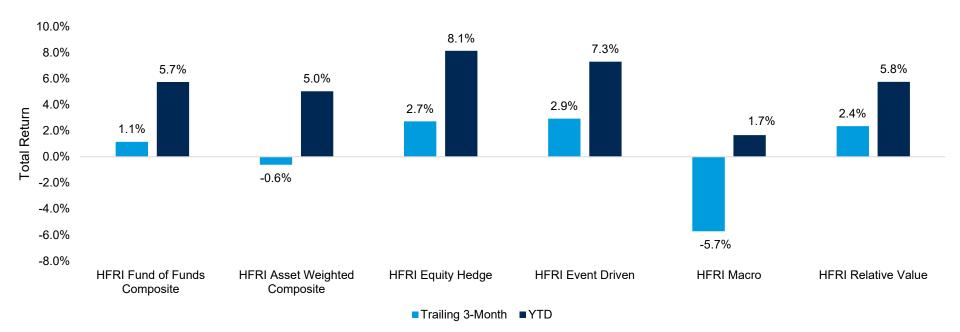


Source: Morningstar Direct. As of September 30, 2024.

Source: Morningstar Direct. As of September 30, 2024.

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Marketable Alternatives



Source: Morningstar Direct. As of August 31, 2024.

Fund of Funds / Asset Weighted (3Q)

+ The HFRI Fund of Funds Composite returned 1.1 percent over the trailing 3-month period and 5.7 percent year-to-date.

- The HFRI Asset Weighted Composite returned -0.6 percent over the trailing 3-month period and 5.0 percent year-to-date.

- Marketable alternatives lagged both equity and fixed income markets over the trailing 3-month period.

Equity Hedge / Event Driven (3Q)

+ Equity Hedge strategies returned 2.7 percent over the period. A strong period for equity markets favored more directional strategies over market neutral strategies.

+ Event Driven strategies returned 2.9 percent over the period with positive performance across strategy types.

+ Activist strategies were notable contributors and outpaced other Event Driven strategies.

Macro / Relative Value (3Q)

- Macro strategies retuned -5.7 percent over the period with discretionary strategies generally protecting capital better than their systematic peers.

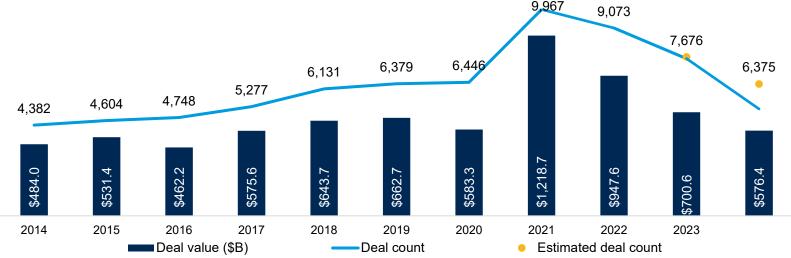
- August was a particularly challenging month for Macro strategies, returning -3.4 percent amidst heightened volatility.

+ Relative Value strategies returned 2.4 percent over the period with broad positive performance across strategies.

Private Equity Market Update

U.S. Private Equity Deal Activity

U.S. Private Equity deal activity continues to be on track for an average year, on pace with 2023 following elevated figures seen in 2021 and 2022.



Source: Pitchbook. As of September 30, 2024.

Private Equity Performance (As of March 31, 2024)

Private equity performance varied significantly by strategy during 2023 but started to align in the first quarter of 2024. Significant dispersion on a one-year and three-year basis has normalized over longer time periods.

Benchmark	1-YR	3-YR	5-YR	10-Y	15-Y
US Private Equity Index	8.3%	10.8%	17.0%	15.4%	17.0%
US Buyout Index	8.9%	12.4%	16.7%	15.2%	17.0%
US Growth Equity Index	6.4%	6.6%	18.0%	16.2%	17.1%
US Venture Capital Index	-0.2%	1.5%	17.1%	15.1%	14.8%
S&P 500 Index	29.9%	11.5%	15.0%	13.0%	15.6%

Source: Cambridge Associates. As of March 31,2024. Returns presented as horizon pooled return, net of fees. S&P 500 Index as of March 31, 2024. Indices cannot be invested in directly.

U.S. Private Equity Fundraising Activity

Overall fundraising levels are similar to the past few years; however, akin to 2023, fewer funds are raising more capital. 929



Source: Pitchbook. As of September 30, 2024.

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD 2024	10 Years (Ann)
U.S. Equity REITs 30.1	U.S. Equity REITs 3.2	U.S. Small Cap 21.3	Emerging Markets 37.3	High Yield Munis 4.8	U.S. Large Cap 31.5	U.S. Small Cap 20.0	U.S. Equity REITs 43.2	Commodities 16.1	U.S. Large Cap 26.5	U.S. Large Cap 21.2	U.S. Large Cap 13.1
High Yield Munis 13.8	Municipals 5-Year 2.4	High Yield 17.1	International Dev. 25.0	Municipals 5-Year 1.7	U.S. Equity REITs 26.0	U.S. Large Cap 18.4	Commodities 27.1	Municipals 5-Year -5.3	International Developed 18.2	Emerging Markets 16.9	U.S. Small Cap 8.8
U.S. Large Cap 13.7	High Yield Munis 1.8	U.S. Large Cap 12.0	U.S. Large Cap 21.8	Foreign Bond 0.5	U.S. Small Cap 25.5	Emerging Markets 18.3	US Large Cap 26.5	Hedge Funds -5.6	U.S. Small Cap 16.9	U.S. Equity REITs 15.9	U.S. Equity REITs 7.8
Core Bond 6.0	U.S. Large Cap 1.4	Commodities 11.7	EM Debt (unhedged) 15.2	Core Bond 0.0	International Dev. 22.5	TIPS 11.0	US Small Cap 14.8	High Yield -11.2	U.S. Equity REITs 13.7	International Developed 13.0	International Developed 5.7
Balanced 5.1	Core Bond 0.6	Emerging Markets 11.2	U.S. Small Cap 14.6	TIPS -1.3	Emerging Markets 18.4	Balanced 8.8	International Dev. 11.3	EM Debt (unhedged) -11.7	High Yield 13.4	U.S. Small Cap 11.2	Balanced 5.4
U.S. Small Cap 4.9	Hedge Funds -0.3	EM Debt (unhedged) 9.9	Balanced 13.6	High Yield -2.1	Balanced 17.5	International Dev. 7.8	Balanced 9.8	TIPS -11.8	Balanced 12.8	Balanced 11.0	High Yield 5.0
TIPS 3.6	International Dev. -0.8	U.S. Equity REITs 8.5	High Yield Munis 9.7	Hedge Funds -4.0	High Yield 14.3	Core Bond 7.5	High Yield Munis 7.8	U.S. Core Bond -13.0	EM Debt (unhedged) 12.7	High Yield 8.0	High Yield Municipals 4.5
Hedge Funds 3.4	TIPS -1.4	Balanced 7.6	Hedge Funds 7.8	U.S. Large Cap -4.4	EM Debt (unhedged) 13.5	Hedge Funds 7.1	TIPS 6.0	High Yield Municipals -13.1	Emerging Markets 9.8	High Yield Municipals 7.5	Emerging Markets 4.0
Municipals 5-Year 3.2	Foreign Bond -2.3	TIPS 4.7	High Yield 7.5	U.S. Equity REITs -4.6	High Yield Munis 10.7	High Yield 7.1	Hedge Funds 5.7	Foreign Bond -14.2	High Yield Municipals 9.2	Commodities 5.9	Hedge Funds 3.5
Foreign Bond 2.9	Balanced -3.3	Foreign Bond 3.2	Foreign Bond 6.5	Balanced -5.8	Core Bond 8.7	Foreign Bond 7.0	High Yield 5.3	International Dev. -14.5	Foreign Bond 7.0	Hedge Funds 5.7	TIPS 2.5
High Yield 2.5	U.S. Small Cap -4.4	High Yield Munis 3.0	U.S. Equity REITs 5.2	EM Debt (unhedged) -6.2	TIPS 8.4	High Yield Munis 4.9	Municipals 5-Year 0.3	Balanced -14.9	U.S. Core Bond 5.5	TIPS 4.9	U.S. Core Bond 1.8
Emerging Markets -2.2	High Yield -4.5	Core Bond 2.6	Core Bond 3.5	U.S. Small Cap -11.0	Hedge Funds 7.8	Municipals 5-Year 4.3	Core Bond -1.5	U.S. Large Cap -19.1	Hedge Funds 4.4	EM Debt (unhedged) 4.9	Municipals 5-Year 1.8
International Dev. -4.9	Emerging Markets -14.9	International Dev. 1.0	Municipals 5-Year 3.1	Commodities -11.2	Commodities 7.7	EM Debt (unhedged) 2.7	Emerging Markets -2.5	Emerging Markets -20.1	Municipals 5-Year 4.3	U.S. Core Bond 4.4	Foreign Bond 1.1
EM Debt (unhedged) -5.7	EM Debt (unhedged) -14.9	Hedge Funds 0.5	TIPS 3.0	International Dev. -13.8	Foreign Bond 6.3	Commodities -3.1	Foreign Bond -4.2	U.S. Small Cap -20.4	TIPS 3.9	Foreign Bond 3.5	EM Debt (unhedged) 0.6
Commodities -17.0	Commodities -24.7	Municipals 5-Year -0.4	Commodities 1.7	Emerging Markets -14.6	Municipals 5-Year 5.4	U.S. Equity REITs -8.0	EM Debt (unhedged) -8.7	U.S. Equity REITs -24.4	Commodities -7.9	Municipals 5-Year 2.2	Commodities 0.0

Sources: Morningstar, FactSet. As of September 30, 2024. *Periods greater than one year are annualized. Total returns in U.S. dollars. Hedge Funds as of August 31, 2024.

Total Return as of September 30, 2024 Periods greater than one year are annualized All returns are in U.S. dollar terms										
Global Fixed Income Markets	QTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR		
Bloomberg 1-3-Month T-Bill	1.4%	4.1%	5.5%	3.6%	2.3%	2.2%	1.6%	1.1%		
Bloomberg U.S. TIPS	4.1%	4.9%	9.8%	-0.6%	2.6%	2.9%	2.5%	3.2%		
Bloomberg Municipal Bond (5 Year)	3.0%	2.2%	7.6%	0.4%	1.3%	1.7%	1.8%	2.4%		
Bloomberg High Yield Municipal Bond	3.2%	7.5%	17.4%	1.0%	3.1%	4.5%	4.5%	5.7%		
Bloomberg U.S. Aggregate	5.2%	4.4%	11.6%	-1.4%	0.3%	1.5%	1.8%	2.6%		
Bloomberg U.S. Corporate High Yield	5.3%	8.0%	15.7%	3.1%	4.7%	4.7%	5.0%	6.9%		
Bloomberg Global Aggregate ex-U.S. Hedged	3.5%	4.2%	9.8%	0.6%	0.6%	2.3%	2.6%	3.2%		
Bloomberg Global Aggregate ex-U.S. Unhedged	8.5%	2.8%	12.3%	-4.4%	-1.9%	-0.8%	-0.5%	0.2%		
Bloomberg U.S. Long Gov / Credit	8.0%	3.5%	17.2%	-6.2%	-2.0%	1.0%	2.3%	4.2%		
Global Equity Markets	QTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR		
S&P 500	5.9%	22.1%	36.4%	11.9%	16.0%	14.5%	13.4%	14.1%		
Dow Jones Industrial Average	8.7%	13.9%	28.8%	10.0%	11.8%	11.9%	12.0%	13.0%		
NASDAQ Composite	2.8%	21.8%	38.6%	8.8%	18.8%	16.9%	16.1%	16.6%		
Russell 3000	6.2%	20.6%	35.2%	10.3%	15.3%	13.7%	12.8%	13.8%		
Russell 1000	6.1%	21.2%	35.7%	10.8%	15.6%	14.2%	13.1%	14.0%		
Russell 1000 Growth	3.2%	24.5%	42.2%	12.0%	19.7%	18.2%	16.5%	16.5%		
Russell 1000 Value	9.4%	16.7%	27.8%	9.0%	10.7%	9.5%	9.2%	11.2%		
Russell Mid Cap	9.2%	14.6%	29.3%	5.7%	11.3%	10.5%	10.2%	12.5%		
Russell Mid Cap Growth	6.5%	12.9%	29.3%	2.3%	11.5%	11.9%	11.3%	13.2%		
Russell Mid Cap Value	10.1%	15.1%	29.0%	7.4%	10.3%	8.8%	8.9%	11.6%		
Russell 2000	9.3%	11.2%	26.8%	1.8%	9.4%	7.4%	8.8%	10.6%		
Russell 2000 Growth	8.4%	13.2%	27.7%	-0.4%	8.8%	7.6%	8.9%	11.1%		
Russell 2000 Value	10.2%	9.2%	25.9%	3.8%	9.3%	6.6%	8.2%	9.8%		
ASCI ACWI	6.6%	18.7%	31.8%	8.1%	12.2%	10.2%	9.4%	9.6%		
/ISCI ACWI ex. U.S.	8.1%	14.2%	25.4%	4.1%	7.6%	5.4%	5.2%	5.5%		
/ISCI EAFE	7.3%	13.0%	24.8%	5.5%	8.2%	6.0%	5.7%	6.0%		
ISCI EAFE Growth	5.7%	12.3%	26.5%	1.9%	7.7%	6.7%	6.6%	6.9%		
ISCI EAFE Value	8.9%	13.8%	23.1%	8.9%	8.3%	5.0%	4.6%	4.9%		
ISCI EAFE Small Cap	10.5%	11.1%	23.5%	-0.4%	6.4%	4.2%	6.2%	7.1%		
/ISCI Emerging Markets	8.7%	16.9%	26.1%	0.4%	5.7%	3.7%	4.0%	4.2%		
Alternatives	QTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR		
Consumer Price Index*	0.3%	1.4%	2.6%	4.8%	4.2%	3.6%	2.8%	2.5%		
TSE NAREIT Equity REITs	16.1%	15.9%	34.7%	5.1%	5.5%	7.0%	7.8%	10.4%		
S&P Real Assets	9.0%	8.8%	18.6%	3.5%	4.9%	4.9%	4.2%	5.9%		
TSE EPRA NAREIT Developed	16.3%	12.6%	30.2%	1.4%	2.4%	4.3%	5.0%	7.1%		
TSE EPRA NAREIT Developed ex U.S.	17.0%	8.6%	25.0%	-3.3%	-1.0%	1.4%	2.3%	4.3%		
Bloomberg Commodity Total Return	0.7%	5.9%	1.0%	3.7%	7.8%	4.9%	0.0%	-0.4%		
IFRI Fund of Funds Composite*	0.8%	5.7%	8.6%	2.2%	5.1%	4.2%	3.5%	3.6%		
HFRI Asset Weighted Composite*	-0.3%	5.0%	6.7%	3.6%	4.4%	4.0%	3.6%	4.6%		

Sources: Morningstar, FactSet. As of September 30, 2024. *Consumer Price Index and HFRI indexes as of August 31, 2024.

Asset Allocation

Total Fund Composite

As of	September	30, 2024
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	Asset Allocation (\$)	Asset Allocation (%)	Target Allocation (%)	Differences (%)
Total Fund Composite	275,148,717	100.0	100.0	0.0
Short Term Liquidity	310,626	0.1	0.0	0.1
Collective US Govt STIF Fund	310,626	0.1	0.0	0.1
Fixed Income	86,275,446	31.4	35.0	-3.6
IR&M Core Bond Fund LLC	62,826,378	22.8	25.5	-2.7
Blackrock Strategic Income Opportunities K	17,353,564	6.3	7.0	-0.7
Eaton Vance Trust CIT High Yield Fund	6,095,504	2.2	2.5	-0.3
Domestic Equity	70,542,638	25.6	23.5	2.1
PRIT Domestic Equity	30,399,930	11.0	10.0	1.0
Columbia US Contrarian Core Equity Fund	24,522,152	8.9	8.5	0.4
Wellington Small Cap 2000	15,620,556	5.7	5.0	0.7
International Equity	49,017,759	17.8	16.5	1.3
Aristotle International Equity Collective Trust - Class B	15,103,576	5.5	4.8	0.7
MFS InstI International Equity Fund	14,831,552	5.4	4.8	0.6
Acadian Intl Small Cap Fund	4,858,373	1.8	1.5	0.3
Acadian Emerging Markets Equity	6,899,560	2.5	2.8	-0.2
ABS Emerging Markets MA Fund LP	7,324,698	2.7	2.8	-0.1
Real Estate	24,261,897	8.8	10.0	-1.2
PRIT Real Estate Fund	16,115,093	5.9	7.0	-1.1
TA Realty Core Property Fund, LP	5,533,024	2.0	1.5	0.5
American Strategic Value Realty Fund	2,297,743	0.8	1.0	-0.2
TerraCap Partners IV	316,036	0.1	0.5	-0.4
Marketable Alternatives	14,385,233	5.2	5.0	0.2
PRIT Hedge Funds	14,385,233	5.2	5.0	0.2
Private Equity	30,355,117	11.0	10.0	1.0
ETG Co- Invest Opportunities Fund LP	1,952,533	0.7	-	-
PRIT VY Investments	28,402,584	10.3	-	-
PRIT Vintage 2011	601,586	0.2	-	-
PRIT Vintage 2012	540,617	0.2	-	-
PRIT Vintage 2013	857,353	0.3	-	-
PRIT Vintage 2014	1,241,407	0.5	-	-
PRIT Vintage 2015	1,812,260	0.7	-	-

Asset Allocation

Total Fund Composite

As of September 30, 2024

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	Asset Allocation (\$)	Asset Allocation (%)	Target Allocation (%)	Differences (%)
PRIT Vintage 2016	1,000,613	0.4	-	-
PRIT Vintage 2017	3,871,997	1.4	-	-
PRIT Vintage 2018	3,664,648	1.3	-	-
PRIT Vintage 2019	3,816,384	1.4	-	-
PRIT Vintage 2020	3,728,797	1.4	-	-
PRIT Vintage 2021	4,943,986	1.8	-	-
PRIT Vintage 2022	1,968,987	0.7	-	-
PRIT Vintage 2023	285,574	0.1	-	-
PRIT Vintage 2024	68,375	0.0	-	-



Asset Allocation

Domestic Equity

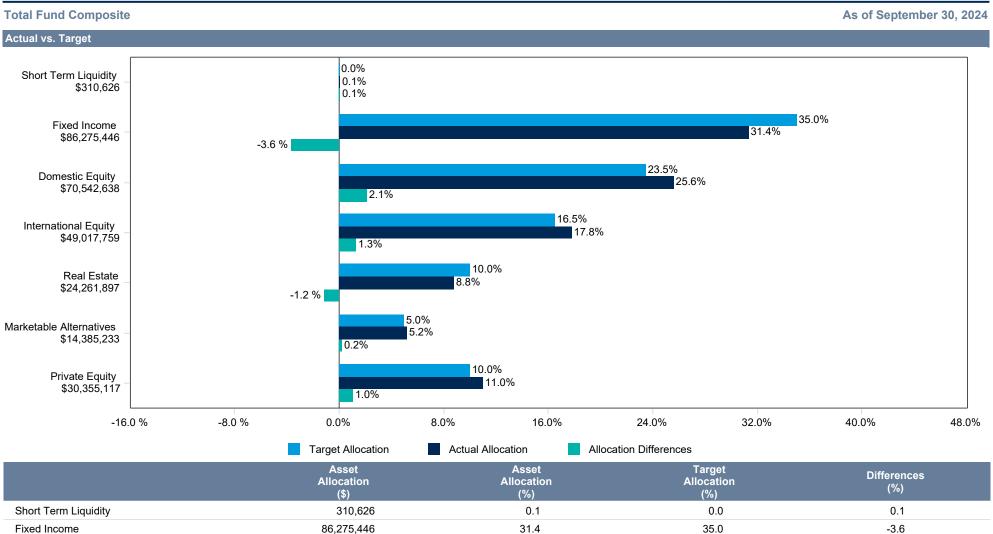
Real Estate

Private Equity

International Equity

Marketable Alternatives

Total Fund Composite



25.6

17.8

8.8

5.2

11.0

100.0

23.5

16.5

10.0

5.0

10.0

100.0

70,542,638

49,017,759

24,261,897

14,385,233

30,355,117

275,148,717

2.1

1.3

-1.2

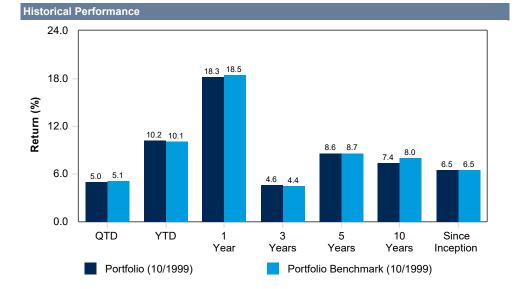
0.2

1.0

0.0

Portfolio Dashboard

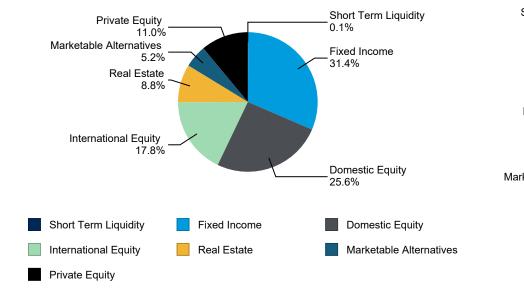
Total Fund Composite



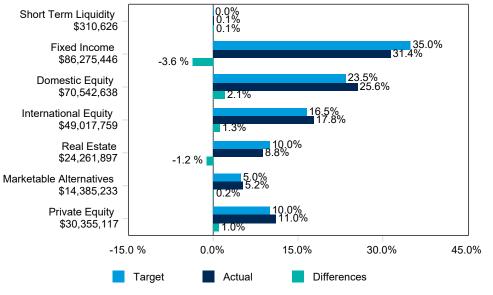
Summary of Cash Flows 3 5 1 QTD YTD Year Years Years Beginning Market Value 264,218,631 257,762,303 243,638,787 276,358,301 210.285.682 **Net Contributions** -2,119,309-8,507,923 -11,833,902 -35,652,278 -37,341,482 Gain/Loss 13,049,394 25,894,337 43,343,831 34,442,693 102,204,516 Ending Market Value 275,148,717 275,148,717 275,148,717 275,148,717 275,148,717 1

urrent Benchma	rk Composition	
From Date	To Date	
08/2024	Present	24.50% Blmbg. U.S. Aggregate, 2.00% ICE BofAML US High Yield Master II Constrained, 2.50% Blmbg. Global Aggregate, 5.50% Russell 2000 Index, 20.50% Russell 1000 Index, 20.00% MSCI AC World ex USA (Net), 10.00% PRIM Custom Total RE Benchmark, 5.00% HFRI Fund of Funds Composite Index, 10.00% PRIT VY Investments

Portfolio Allocation



Actual vs. Target Allocations



Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees.

As of September 30, 2024





Performance Overview

Total Fund Composite								As of Septemb	er 30, 2024
Trailing Performance Sum	mary								
	QTD	YTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date
Total Fund Composite	5.0	10.2	18.3	4.6	8.6	7.6	7.4	6.5	10/1999
Policy Index	5.1	10.1	18.5	4.4	8.7	8.1	8.0	6.5	10/1999

Calendar Year Performance	Calendar Year Performance Summary											
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014		
Total Fund Composite	13.2	-12.2	16.2	12.6	18.7	-4.9	15.6	6.6	1.0	6.6		
Policy Index	12.2	-11.6	15.7	14.1	18.0	-2.1	16.2	7.8	2.3	7.0		

	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Jan-2007 To Sep-2024				
Fotal Fund Composite											
Beginning Market Value	264,218,631	257,762,303	243,638,787	276,358,301	210,285,682	134,472,902	89,230,180				
Net Contributions	-2,119,309	-8,507,923	-11,833,902	-35,652,278	-37,341,482	-11,755,960	-1,441,882				
Gain/Loss	13,049,394	25,894,337	43,343,831	34,442,693	102,204,516	152,431,774	187,360,419				
Ending Market Value	275,148,717	275,148,717	275,148,717	275,148,717	275,148,717	275,148,717	275,148,717				
Benchmark Composition											
		Weight (%)									
Aug-2024											
Blmbg. U.S. Aggregate				24.5							
ICE BofAML US High Yield Mast	er II Constrained			2.0							
Blmbg. Global Aggregate				2.5							
Russell 2000 Index				5.5							
Russell 1000 Index				20.5							
MSCI AC World ex USA (Net)				20.0							
PRIM Custom Total RE Benchma	ark			10.0							
HFRI Fund of Funds Composite	Index			5.0							
PRIT VY Investments				10.0							

Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees. ** Historical market values and flows prior to 1/1/2007 were not provided by previous consultant. The stated inception date of 10/1/1999 is the plan's performance inception date.



Manager Status Commentary

As of September 30, 2024

Manager	Recommendation	Comments	
IR&M Core Bond Fund LLC	Maintain		
Blackrock Strategic Income Opportunities K	Maintain		
Eaton Vance Trust CIT High Yield Fund	Maintain		
PRIT Domestic Equity	Maintain		
Columbia US Contrarian Core Equity Fund	Maintain		
Wellington Small Cap 2000	Maintain		
Aristotle International Equity Collective Trust - Class B	Maintain		
MFS Instl International Equity Fund	Maintain		
Acadian Intl Small Cap Fund	Maintain		
Acadian Emerging Markets Equity	Maintain		
ABS Emerging Markets MA Fund LP	Maintain		
PRIT Real Estate Fund	Maintain		
TA Realty Core Property Fund, LP	Maintain		
American Strategic Value Realty Fund	Maintain		
TerraCap Partners IV	Maintain		
PRIT Hedge Funds	Maintain		
ETG Co- Invest Opportunities Fund LP	Maintain		
PRIT VY Investments	Maintain		

Total Fund Composite

As of September 30, 2024

	Allocatio	on				Perform	ance(%)				
	Market Value (\$)	%	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	Manager Status
Total Fund Composite	275,148,717	100.0	5.0	10.2	18.3	4.6	8.6	7.4	6.5	10/1999	
Policy Index			5.1	10.1	18.5	4.4	8.7	8.0	6.5		
PRIT General Allocation Fund **			4.5	9.8	16.6	4.5	8.7	7.9	9.0	02/1985	
PRIT Benchmark			4.4	9.3	15.7	4.3	8.4	7.7	9.6		
Short Term Liquidity	310,626	0.1	1.4	4.2	5.6	3.6	2.3	1.5	1.5	03/2004	
90 Day U.S. Treasury Bill			1.4	4.0	5.5	3.5	2.3	1.6	1.6		
Collective US Govt STIF Fund	310,626	0.1	1.4	4.2	5.6	3.6	2.3	1.5	1.5	03/2004	
90 Day U.S. Treasury Bill			1.4	4.0	5.5	3.5	2.3	1.6	1.6		
Fixed Income	86,275,446	31.4	4.8	4.4	11.8	-0.9	1.2	2.3	3.5	04/2007	
Fixed Income Benchmark			5.3	4.7	11.9	-1.2	0.6	2.0	3.3		
IR&M Core Bond Fund LLC	62,826,378	22.8	5.0	4.7	11.9	-1.2	0.9	2.2	4.4	07/2000	Maintain
Blmbg. U.S. Aggregate			5.2	4.4	11.6	-1.4	0.3	1.8	4.0		
IM U.S. Broad Market Core Fixed Income (MF) Median			5.2	4.8	12.0	-1.5	0.5	1.8	4.0		
IR&M Core Bond Fund LLC Rank			75	58	54	27	25	20	15		
Blackrock Strategic Income Opportunities K	17,353,564	6.3	4.3	6.0	11.8	2.4	3.4	3.1	7.9	04/2023	Maintain
Blmbg. U.S. Aggregate			5.2	4.4	11.6	-1.4	0.3	1.8	4.6		
IM Alternative Credit Focus (MF) Median			3.7	6.1	11.4	2.0	3.0	2.1	7.4		
Blackrock Strategic Income Opportunities K Rank			32	61	42	42	41	20	43		
Eaton Vance Trust CIT High Yield Fund	6,095,504	2.2	3.9	7.4	14.0	3.1	4.3	-	4.8	04/2018	Maintain
ICE BofAML US High Yield Master II Constrained			5.3	8.0	15.7	3.1	4.5	4.9	5.0		
IM U.S. High Yield Bonds (MF) Median			4.6	7.4	14.5	2.6	4.0	4.2	4.4		
Eaton Vance Trust CIT High Yield Fund Rank			85	48	63	29	38	-	31		

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

Total Fund Composite

As o	f Se	ptem	ber	30,	2024
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	Allocatio				Perform	nance(%)				Managar	
	Market Value (\$)	%	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	Manager Status
Domestic Equity	70,542,638	25.6	6.2	19.6	34.8	10.1	15.3	12.4	10.5	04/2007	
Domestic Equity Benchmark			5.3	19.6	34.1	10.0	15.1	12.7	10.0		
PRIT Domestic Equity	30,399,930	11.0	6.1	20.4	34.6	10.4	15.4	12.8	14.5	07/2010	Maintain
PRIT Equity Benchmark			6.5	19.9	34.4	10.3	14.9	12.7	14.5		
IM U.S. Large Cap Core Equity (MF) Median			5.4	20.8	35.2	10.5	15.0	12.2	13.9		
PRIT Domestic Equity Rank			24	55	54	53	40	35	31		
Columbia US Contrarian Core Equity Fund	24,522,152	8.9	3.5	20.7	36.3	12.1	16.7	-	13.2	01/2015	Maintain
Russell 1000 Index			6.1	21.2	35.7	10.8	15.6	13.1	12.9		
IM U.S. Large Cap Core Equity (MF) Median			5.4	20.8	35.2	10.5	15.0	12.2	12.1		
Columbia US Contrarian Core Equity Fund Rank			89	51	37	22	10	-	14		
Wellington Small Cap 2000	15,620,556	5.7	11.6	16.1	31.6	5.0	12.4	11.5	12.0	04/1991	Maintain
Russell 2000 Index			9.3	11.2	26.8	1.8	9.4	8.8	9.5		
IM U.S. Small Cap Core Equity (MF) Median			8.3	10.0	24.3	4.7	9.8	8.6	10.5		
Wellington Small Cap 2000 Rank			2	7	6	48	11	3	1		

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

Total Fund Composite

As of September 30, 2024

	Allocatio	n				Perform	ance(%)				
	Market Value (\$)	%	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	Manager Status
International Equity	49,017,759	17.8	8.5	14.5	26.7	4.2	8.5	6.4	5.3	04/2007	
International Equity Benchmark			8.1	14.2	25.4	3.8	7.5	5.4	3.8		
Aristotle International Equity Collective Trust - Class B	15,103,576	5.5	10.7	13.5	25.2	-	-	-	2.3	01/2022	Maintain
MSCI EAFE (Net)			7.3	13.0	24.8	5.5	8.2	5.7	5.0		
IM International Large Cap Core Equity (MF) Median			7.2	12.7	24.5	4.8	8.1	5.2	4.0		
Aristotle International Equity Collective Trust - Class B Rank			4	28	40	-	-	-	84		
MFS Instl International Equity Fund	14,831,552	5.4	8.1	13.3	26.9	7.0	9.9	7.7	8.1	12/2010	Maintain
MSCI EAFE (Net)			7.3	13.0	24.8	5.5	8.2	5.7	6.4		
IM International Large Cap Core Equity (MF) Median			7.2	12.7	24.5	4.8	8.1	5.2	5.8		
MFS InstI International Equity Fund Rank			31	30	21	3	14	1	3		
Acadian Intl Small Cap Fund	4,858,373	1.8	10.4	17.9	30.3	3.9	10.4	8.4	8.5	02/2011	Maintain
MSCI EAFE Small Cap (Net)			10.5	11.1	23.5	-0.4	6.4	6.2	6.3		
IM International Small Cap Equity (SA+CF+MF) Median			8.5	11.0	23.2	-0.5	7.1	5.8	6.8		
Acadian Intl Small Cap Fund Rank			24	6	9	19	9	4	15		
Acadian Emerging Markets Equity	6,899,560	2.5	6.9	19.7	29.7	-	-	-	27.9	10/2022	Maintain
MSCI Emerging Markets (Net)			8.7	16.9	26.1	0.4	5.7	4.0	18.7		
IM Emerging Markets Equity (MF) Median			6.4	14.2	23.4	-1.0	5.2	3.5	17.7		
Acadian Emerging Markets Equity Rank			43	8	8	-	-	-	3		
ABS Emerging Markets MA Fund LP	7,324,698	2.7	5.4	10.8	-	-	-	-	10.8	01/2024	Maintain
MSCI Emerging Markets Index			8.9	17.2	26.5	0.8	6.1	4.4	17.2		
IM Emerging Markets Equity (MF) Median			6.4	14.2	23.4	-1.0	5.2	3.5	14.2		
ABS Emerging Markets MA Fund LP Rank			62	81	-	-	-	-	81		

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

Total Fund Composite

As of September 30, 2024

	Allocatio	n				Perform	ance(%)				
	Market Value (\$)	%	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	Manager Status
Real Estate	24,261,897	8.8	0.2	-2.9	-7.8	0.7	4.6	6.5	2.7	04/2007	
Real Estate Benchmark			2.2	-1.6	0.4	2.3	3.5	6.1	5.8		
PRIT Real Estate Fund	16,115,093	5.9	0.4	-2.4	-4.9	1.8	5.2	7.1	8.0	06/2011	Maintain
PRIM Custom Total RE Benchmark			2.2	-1.6	0.4	2.3	3.5	6.1	7.4		
TA Realty Core Property Fund, LP	5,533,024	2.0	0.0	-0.9	-6.3	2.1	6.5	-	8.0	04/2018	Maintain
NCREIF Property Index			0.8	-0.5	-3.5	0.9	3.3	5.9	4.0		
American Strategic Value Realty Fund	2,297,743	0.8	-0.1	-3.9	-8.0	-1.2	2.7	-	3.5	07/2018	Maintain
NCREIF Property Index			0.8	-0.5	-3.5	0.9	3.3	5.9	3.9		
TerraCap Partners IV	316,036	0.1	0.0	-36.7	-64.8	-26.4	-13.5	-	-9.1	07/2018	Maintain
NCREIF Property Index			0.8	-0.5	-3.5	0.9	3.3	5.9	3.9		
Marketable Alternatives	14,385,233	5.2	3.6	9.4	15.0	6.2	5.9	4.5	5.1	07/2010	
HFRI Fund of Funds Composite Index			2.0	7.0	10.3	2.6	5.5	3.7	3.8		
PRIT Hedge Funds	14,385,233	5.2	3.6	9.4	15.0	6.2	5.9	4.5	5.1	07/2010	Maintain
HFRI Fund of Funds Composite Index			2.0	7.0	10.3	2.6	5.5	3.7	3.8		
Private Equity	30,355,117	11.0	1.6	6.3	7.7	6.4	18.0	19.0	14.0	04/2007	
ETG Co- Invest Opportunities Fund LP	1,952,533	0.7	0.0	4.4	3.3	-	-	-	3.2	09/2023	Maintain

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

Total Fund Composite

As of September 30, 2024

	Allocatio	n				Perform	ance(%)				Managar
	Market Value (\$)	%	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date	Manager Status
PRIT VY Investments	28,402,584	10.3	1.7	6.4	7.8	6.4	18.5	17.9	7.1	04/2011	Maintain
PRIT Vintage 2011	601,586	0.2	-1.5	0.2	-5.4	0.3	17.2	19.3	8.4	04/2011	
PRIT Vintage 2012	540,617	0.2	0.2	4.8	3.2	-7.5	10.2	12.6	-7.1	06/2012	
PRIT Vintage 2013	857,353	0.3	-2.4	-2.2	-4.3	-3.0	17.7	15.2	12.0	07/2013	
PRIT Vintage 2014	1,241,407	0.5	-2.1	-1.3	-1.4	4.0	14.9	14.4	10.2	06/2014	
PRIT Vintage 2015	1,812,260	0.7	2.1	6.2	7.4	2.1	17.5	-	15.2	04/2015	
PRIT Vintage 2016	1,000,613	0.4	0.1	10.5	9.1	3.1	16.9	-	4.7	04/2016	
PRIT Vintage 2017	3,871,997	1.4	2.9	6.5	10.5	9.6	18.9	-	14.8	05/2017	
PRIT Vintage 2018	3,664,648	1.3	1.7	7.9	8.6	10.3	18.5	-	11.2	06/2018	
PRIT Vintage 2019	3,816,384	1.4	1.1	5.8	4.4	11.1	18.5	-	17.0	04/2019	
PRIT Vintage 2020	3,728,797	1.4	3.6	9.2	12.4	9.2	-	-	13.6	03/2020	
PRIT Vintage 2021	4,943,986	1.8	2.3	6.7	11.1	4.8	-	-	4.1	04/2021	
PRIT Vintage 2022	1,968,987	0.7	1.9	8.0	10.9	-	-	-	2.3	03/2022	
PRIT Vintage 2023	285,574	0.1	2.0	19.7	20.7	-	-	-	12.4	04/2023	
PRIT Vintage 2024	68,375	0.0	1.0	-	-	-	-	-	-3.1	03/2024	

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

Total Fund Composite

As	of	Se	ptem	ber	30.	2024
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					Perform	ance(%)				
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Fund Composite	13.2	-12.2	16.2	12.6	18.7	-4.9	15.6	6.6	1.0	6.6
Policy Index	12.2	-11.6	15.7	14.1	18.0	-2.1	16.2	7.8	2.3	7.0
PRIT General Allocation Fund **	11.2	-11.4	19.9	12.2	16.3	-2.3	17.2	7.5	0.7	7.7
PRIT Benchmark	9.8	-9.5	17.6	12.8	15.8	-1.2	15.9	8.5	0.1	7.0
Short Term Liquidity	4.7	1.9	0.0	0.4	2.0	1.3	0.4	0.0	0.0	0.0
90 Day U.S. Treasury Bill	5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0	0.0
Collective US Govt STIF Fund	4.7	1.9	0.0	0.4	2.0	1.3	0.4	0.0	0.0	0.0
90 Day U.S. Treasury Bill	5.0	1.5	0.0	0.7	2.3	1.9	0.9	0.3	0.0	0.0
Fixed Income	7.4	-13.2	-1.2	9.4	9.6	-1.2	5.1	5.3	-1.3	6.2
Fixed Income Benchmark	6.2	-13.1	-1.2	7.7	9.0	-0.3	4.3	4.0	-0.4	5.0
IR&M Core Bond Fund LLC	6.4	-13.2	-1.2	9.2	9.1	-0.2	3.7	3.3	0.3	6.8
Blmbg. U.S. Aggregate	5.5	-13.0	-1.5	7.5	8.7	0.0	3.5	2.6	0.5	6.0
IM U.S. Broad Market Core Fixed Income (MF) Median	5.8	-13.7	-1.3	8.2	8.8	-0.6	3.6	2.9	0.0	5.5
IR&M Core Bond Fund LLC Rank	25	27	41	22	38	26	47	39	36	9
Blackrock Strategic Income Opportunities K	7.4	-5.6	1.0	7.3	7.8	-0.5	5.0	3.6	-0.6	3.6
Blmbg. U.S. Aggregate	5.5	-13.0	-1.5	7.5	8.7	0.0	3.5	2.6	0.5	6.0
IM Alternative Credit Focus (MF) Median	7.3	-7.6	1.9	3.9	7.3	-1.9	4.5	4.9	-1.6	1.0
Blackrock Strategic Income Opportunities K Rank	49	41	58	17	43	29	43	64	25	21
Eaton Vance Trust CIT High Yield Fund	11.5	-9.5	5.3	5.6	14.1	-	-	-	-	-
ICE BofAML US High Yield Master II Constrained	13.5	-11.2	5.3	6.1	14.4	-2.3	7.5	17.5	-4.6	2.5
IM U.S. High Yield Bonds (MF) Median	12.2	-11.0	4.9	5.4	13.8	-3.0	6.6	13.8	-4.0	1.5
Eaton Vance Trust CIT High Yield Fund Rank	66	24	42	45	45	-	-	-	-	-

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

Total Fund Composite

					Perform	ance(%)				
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Domestic Equity	27.4	-19.3	24.1	21.9	31.7	-8.8	20.2	12.1	0.9	11.9
Domestic Equity Benchmark	26.0	-19.2	25.7	20.9	31.0	-5.2	21.1	12.7	0.5	12.6
PRIT Domestic Equity	24.9	-18.6	27.8	20.2	30.6	-5.2	20.7	12.8	0.1	11.6
PRIT Equity Benchmark	24.6	-18.1	26.6	18.9	30.8	-5.5	20.8	13.1	0.5	12.4
IM U.S. Large Cap Core Equity (MF) Median	24.8	-18.7	26.9	18.4	30.7	-5.4	21.5	9.7	0.5	11.5
PRIT Domestic Equity Rank	50	50	36	35	52	45	61	13	57	49
Columbia US Contrarian Core Equity Fund	32.2	-18.5	24.5	22.3	33.4	-8.3	21.7	9.3	3.5	-
Russell 1000 Index	26.5	-19.1	26.5	21.0	31.4	-4.8	21.7	12.1	0.9	13.2
IM U.S. Large Cap Core Equity (MF) Median	24.8	-18.7	26.9	18.4	30.7	-5.4	21.5	9.7	0.5	11.5
Columbia US Contrarian Core Equity Fund Rank	5	48	78	20	16	89	46	58	11	-
Wellington Small Cap 2000	21.1	-22.2	15.4	28.5	33.1	-10.7	20.1	19.5	-2.6	9.3
Russell 2000 Index	16.9	-20.4	14.8	20.0	25.5	-11.0	14.6	21.3	-4.4	4.9
IM U.S. Small Cap Core Equity (MF) Median	16.0	-15.8	25.1	9.9	23.9	-12.7	12.1	21.7	-4.3	4.7
Wellington Small Cap 2000 Rank	11	94	88	2	2	27	5	73	28	6
International Equity	18.4	-18.6	12.7	10.9	24.5	-13.7	29.2	2.9	-1.9	-4.8
International Equity Benchmark	15.4	-16.6	8.1	10.9	21.9	-14.6	27.8	4.3	-4.1	-4.0
Aristotle International Equity Collective Trust - Class B	18.5	-20.9	-	-	-	-	-	-	-	-
MSCI EAFE (Net)	18.2	-14.5	11.3	7.8	22.0	-13.8	25.0	1.0	-0.8	-4.9
IM International Large Cap Core Equity (MF) Median	17.2	-15.1	10.7	9.1	22.1	-15.0	25.0	0.0	-1.9	-6.0
Aristotle International Equity Collective Trust - Class B Rank	27	94	-	-	-	-	-	-	-	-
MFS Instl International Equity Fund	19.0	-14.8	15.2	11.1	28.3	-10.7	28.0	0.3	0.0	-4.2
MSCI EAFE (Net)	18.2	-14.5	11.3	7.8	22.0	-13.8	25.0	1.0	-0.8	-4.9
IM International Large Cap Core Equity (MF) Median	17.2	-15.1	10.7	9.1	22.1	-15.0	25.0	0.0	-1.9	-6.0
MFS Instl International Equity Fund Rank	22	46	4	35	2	7	21	47	18	20

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees. Manager performance for mutual funds and ETFs is based on NAV and provided by Lipper. Performance for non-mutual fund or ETF investments is based on the returns provided by managers, calculations based on a manager statement, or calculations based on a statement or data from the client's custodian. Funds may include returns of an equivalent share class with a longer return history if period includes dates prior to the fund's inception. Returns are net of fees unless otherwise stated. The fund's inception date represents the first month the client made the investment. Composite performance includes all funds held in the composite since inception. Inception dates for asset class composites reflect the start date at which these returns could be calculated using historical and existing system capabilities and may vary from the inception dates of underlying component strategies.

As of September 30, 2024

Total Fund Composite

	Performance(%)									
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Acadian Intl Small Cap Fund	14.1	-19.2	19.7	13.3	22.9	-19.2	37.9	2.7	12.9	-5.6
MSCI EAFE Small Cap (Net)	13.2	-21.4	10.1	12.3	25.0	-17.9	33.0	2.2	9.6	-4.9
IM International Small Cap Equity (SA+CF+MF) Median	14.1	-22.1	12.7	13.4	23.4	-19.3	33.6	-0.2	6.5	-4.8
Acadian Intl Small Cap Fund Rank	51	38	5	51	55	50	22	34	13	58
Acadian Emerging Markets Equity	23.3	-	-	-	-	-	-	-	-	-
MSCI Emerging Markets (Net)	9.8	-20.1	-2.5	18.3	18.4	-14.6	37.3	11.2	-14.9	-2.2
IM Emerging Markets Equity (MF) Median	10.9	-22.5	-1.6	17.7	20.2	-16.5	35.7	8.3	-13.7	-3.0
Acadian Emerging Markets Equity Rank	4	-	-	-	-	-	-	-	-	-
ABS Emerging Markets MA Fund LP	-	-	-	-	-	-	-	-	-	-
MSCI Emerging Markets Index	10.3	-19.7	-2.2	18.7	18.9	-14.2	37.8	11.6	-14.6	-1.8
IM Emerging Markets Equity (MF) Median	10.9	-22.5	-1.6	17.7	20.2	-16.5	35.7	8.3	-13.7	-3.0
ABS Emerging Markets MA Fund LP Rank	-	-	-	-	-	-	-	-	-	-
Real Estate	-9.1	7.3	26.6	1.7	10.0	6.7	7.1	4.6	11.1	19.2
Real Estate Benchmark	-4.5	7.1	15.2	0.7	9.5	4.7	7.8	8.4	11.3	12.2
PRIT Real Estate Fund	-6.2	7.0	27.2	0.6	10.6	5.0	8.4	7.2	11.3	13.9
PRIM Custom Total RE Benchmark	-4.5	7.1	15.2	0.7	9.5	4.7	7.8	8.5	10.8	12.3
TA Realty Core Property Fund, LP	-8.8	8.8	29.6	5.5	8.5	-	-	-	-	-
NCREIF Property Index	-7.9	5.5	17.7	1.6	6.4	6.7	7.0	8.0	13.3	11.8
American Strategic Value Realty Fund	-10.4	6.8	18.6	2.3	8.0	-	-	-	-	-
NCREIF Property Index	-7.9	5.5	17.7	1.6	6.4	6.7	7.0	8.0	13.3	11.8
TerraCap Partners IV	-49.4	8.6	21.2	7.4	9.2	-	-	-	-	-
NCREIF Property Index	-7.9	5.5	17.7	1.6	6.4	6.7	7.0	8.0	13.3	11.8
Marketable Alternatives	10.4	-2.0	9.5	1.3	7.7	-1.6	8.2	4.3	-1.9	5.6
HFRI Fund of Funds Composite Index	6.1	-5.3	6.2	10.9	8.4	-4.0	7.8	0.5	-0.3	3.4
PRIT Hedge Funds	10.4	-2.0	9.5	1.3	7.7	-1.6	8.2	4.3	-1.9	5.6
HFRI Fund of Funds Composite Index	6.1	-5.3	6.2	10.9	8.4	-4.0	7.8	0.5	-0.3	3.4

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.



Total Fund	Composite
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	Performance(%)									
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Private Equity	6.4	-3.0	65.1	23.5	12.7	23.6	21.0	18.7	19.2	24.9
ETG Co- Invest Opportunities Fund LP	-	-	-	-	-	-	-	-	-	-
PRIT VY Investments	6.4	-3.0	65.2	25.0	13.1	23.5	21.6	14.1	16.2	16.2
PRIT Vintage 2011	-2.6	-4.5	107.9	14.3	5.4	27.5	23.4	20.2	28.6	22.3
PRIT Vintage 2012	2.6	-26.3	44.2	40.1	6.0	16.2	28.2	13.6	12.2	8.6
PRIT Vintage 2013	-3.1	-12.1	94.4	30.5	24.3	18.7	20.4	8.8	2.7	9.8
PRIT Vintage 2014	1.9	-1.0	57.3	22.6	15.6	35.6	20.5	9.6	-1.9	-
PRIT Vintage 2015	6.5	-11.8	66.1	28.1	24.8	35.2	17.1	6.2	-	-
PRIT Vintage 2016	-2.1	-3.5	56.8	30.6	4.3	10.8	-3.3	-	-	-
PRIT Vintage 2017	11.0	4.4	57.8	17.7	15.1	2.2	-	-	-	-
PRIT Vintage 2018	11.2	0.3	59.3	23.6	-3.0	-	-	-	-	-
PRIT Vintage 2019	3.4	0.5	82.9	19.9	-	-	-	-	-	-
PRIT Vintage 2020	6.1	5.2	35.3	-	-	-	-	-	-	-
PRIT Vintage 2021	10.3	-5.7	-	-	-	-	-	-	-	-
PRIT Vintage 2022	7.0	-	-	-	-	-	-	-	-	-
PRIT Vintage 2023	-	-	-	-	-	-	-	-	-	-
PRIT Vintage 2024	-	-	-	-	-	-	-	-	-	-

** PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.



The Watertown Retirement System Investment Mandates - Procurement Review

Near term expirations - Extend or Issue RFP in next 6 months

Issue RFP in next 12 months

Updated as of November 2024

Asset Class	Style	Manager/Mandate	RFP Last Issued (Mo/Yr)	Most Recent IMA/Contract/ Side Letter Date (Mo/Yr)	Current Length of Term (Yrs)	Current Term/Contract Expiration (Mo/Yr)	Status of Extensions	New Term/Contract Expiration (Mo/Yr)	Anticipated RFP/Search Date
Fixed Income	Core/Core Plus	IRM Core Bond Fund (CF)	Feb-21	Nov-21	7	Nov-28	N/A	Nov-28	May-28
	Opportunistic/Dynamic Bond	BlackRock Strategic Income Opportunities Fund (MF)	Oct-22	Apr-23	7	Apr-30	N/A	Apr-30	Oct-29
	High Yield	Eaton Vance Trust High Yield Fund (CF)	Jun-17	Feb-18	7	Sep-32	N/A	Sep-32	Selected for rehire
Domestic Equity	Core Equity	PRIT Domestic Equity Account	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Core Equity	Columbia Contrarian Core Equity Private Fund (CF)	Jul-21	Feb-22 (Pending)	7	Feb-29	N/A	Feb-29	Aug-28
	Small Cap	Wellington Small Cap 2000 Portfolio (CF)	Feb-24	Jul-24	7	Jul-31	N/A	7/1/20231	Jan-31
International Equity	International Equity	Aristotle International Equity (CF)	Apr-21	Dec-21	7	Dec-28	N/A	Dec-28	Jun-28
	International Equity	MFS Instl International Equity (MF)	Apr-21	Sep-21	7	Sep-28	N/A	Sep-28	Mar-28
	International Small Cap	Acadian Int'l Small Cap (CF)	Dec-23	May-24	7	May-31	N/A	May-31	Nov-30
	International Emerging Markets	Acadian Emerging Markets Equity Fund (CF)	Dec-21	Sep-22	7	Sep-29	N/A	Sep-29	Mar-29
	International Emerging Markets	ABS Emerging Markets MA Fund (CF)	May-23	Jan-24	7	Jan-31	N/A	Jan-31	Jul-30
Real Estate	Real Estate	PRIT Real Estate Account	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Real Estate	American Realty Advisors Strategic Value Realty	Dec-17	Jun-18	7	Jun-25	N/A	Jun-25	Dec-24
	Real Estate	TA Realty Core Property Fund	Sep-17	Mar-18	7	Mar-25	N/A	Mar-25	Dec-24
	Real Estate (Illiquid)	TerraCap Management TerraCap Partners IV	Dec-17	N/A	Closed End	N/A	N/A	N/A	N/A
	Real Estate (Winding Down)	Arsenal Real Estate	Illiquid Inherited	N/A	Closed End	N/A	N/A	N/A	N/A

The Watertown Retirement System Investment Mandates - Procurement Review

Near term expirations - Extend or Issue RFP in next 6 months

Issue RFP in next 12 months

Updated as of November 2024

Asset Class	Style	Manager/Mandate	RFP Last Issued (Mo/Yr)	Most Recent IMA/Contract/ Side Letter Date (Mo/Yr)	Current Length of Term (Yrs)	Current Term/Contract Expiration (Mo/Yr)	Status of Extensions	New Term/Contract Expiration (Mo/Yr)	Anticipated RFP/Search Date
Hedge Funds	Hedge Funds	PRIT Hedge Funds Account	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Equity	Private Equity (Illiquid)	RCP IV	Illiquid Inherited	N/A	Closed End	N/A	N/A	N/A	N/A
	Private Equity (Illiquid)	EnTrust Global Special Opportunities Fund V (Illiquid)	Mar-22	Nov-22	Closed End	N/A	N/A	N/A	N/A
	Private Equity (Illiquid)	PRIT Vintage Year	N/A	N/A	Closed End	N/A	N/A	N/A	N/A
Other Investment Related Vendors	Custodian	People's United Bank	Apr-18	Nov-18	7	Nov-25	N/A	Nov-25	May-25
	Investment Consultant	Fiduciary Investment Advisors	Jan-22	Mar-22	5	Mar-27	2 year Option	March-29	Sep-26
	Actuarial Services	Sherman Actuarial Services	Nov-19	Mar-20	4	Mar-24	N/A	Mar-24	Nov-24
	Legal Services	Attorney Thomas Gibson	Sep-18	Nov-18	7	Nov-25	N/A	Nov-25	May-25

Investment Gain/Loss Summary

Total Fund Composite

1 Quarter Ending September 30, 2024

	Market Value as of 07/01/2024	Net Contributions	Gain/Loss	Market Value As of 09/30/2024
Total Fund Composite	264,218,631	-2,119,309	13,049,394	275,148,717
Short Term Liquidity	1,525,980	-1,244,963	29,610	310,626
Collective US Govt STIF Fund	1,525,980	-1,244,963	29,610	310,626
Fixed Income	76,248,284	6,278,618	3,748,545	86,275,446
IR&M Core Bond Fund LLC	48,631,387	11,440,000	2,754,991	62,826,378
Blackrock Strategic Income Opportunities K	16,585,106	60,000	708,458	17,353,564
Eaton Vance Trust CIT High Yield Fund	4,782,372	1,100,000	213,132	6,095,504
Brandywine Global Opportunistic Fixed Income	6,249,418	-6,321,382	71,964	-
Domestic Equity	73,508,000	-7,325,000	4,359,639	70,542,638
PRIT Domestic Equity	29,702,717	-1,070,000	1,767,214	30,399,930
Columbia US Contrarian Core Equity Fund	29,171,947	-5,585,000	935,205	24,522,152
Wellington Small Cap 2000	14,633,336	-670,000	1,657,220	15,620,556
International Equity	47,146,598	-2,010,000	3,881,161	49,017,759
Aristotle International Equity Collective Trust - Class B	14,430,515	-805,000	1,478,062	15,103,576
MFS Instl International Equity Fund	14,646,005	-935,000	1,120,547	14,831,552
Acadian Intl Small Cap Fund	4,666,648	-270,000	461,725	4,858,373
Acadian Emerging Markets Equity	6,455,437	-	444,123	6,899,560
ABS Emerging Markets MA Fund LP	6,947,993	-	376,705	7,324,698
Real Estate	22,538,312	1,680,000	43,585	24,261,897
PRIT Real Estate Fund	14,389,642	1,680,000	45,452	16,115,093
TA Realty Core Property Fund, LP	5,531,802	-	1,222	5,533,024
American Strategic Value Realty Fund	2,300,832	-	-3,089	2,297,743
TerraCap Partners IV	316,036	-	-	316,036
Marketable Alternatives	13,883,408	-	501,825	14,385,233
PRIT Hedge Funds	13,883,408	-	501,825	14,385,233
Private Equity	29,368,050	502,036	485,031	30,355,117
ETG Co- Invest Opportunities Fund LP	1,468,158	484,375	-	1,952,533
PRIT VY Investments	27,899,892	17,661	485,031	28,402,584
PRIT Vintage 2011	680,978	-70,215	-9,177	601,586
PRIT Vintage 2012	592,283	-52,609	942	540,617
PRIT Vintage 2013	890,998	-12,923	-20,722	857,353
PRIT Vintage 2014	1,318,393	-50,296	-26,690	1,241,407

Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees. Manager performance for mutual funds and ETFs is based on NAV and provided by Lipper. Performance for non-mutual fund or ETF investments is based on the returns provided by managers, calculations based on a manager statement, or calculations based on a statement or data from the client's custodian. Funds may include returns of an equivalent share class with a longer return history if period includes dates prior to the fund's inception. Returns are net of fees unless otherwise stated. The fund's inception date represents the first month the client made the investment. Composite performance includes all funds held in the composite since inception dates for asset class composites.



Investment Gain/Loss Summary

Total Fund Composite

1 Quarter Ending September 30, 2024

	Market Value as of 07/01/2024	Net Contributions	Gain/Loss	Market Value As of 09/30/2024
PRIT Vintage 2015	1,889,468	-115,651	38,442	1,812,260
PRIT Vintage 2016	1,027,823	-28,523	1,314	1,000,613
PRIT Vintage 2017	3,874,441	-115,327	112,884	3,871,997
PRIT Vintage 2018	3,669,222	-66,566	61,992	3,664,648
PRIT Vintage 2019	3,816,490	-41,618	41,512	3,816,384
PRIT Vintage 2020	3,492,915	105,332	130,551	3,728,797
PRIT Vintage 2021	4,576,301	256,054	111,632	4,943,986
PRIT Vintage 2022	1,758,031	175,014	35,942	1,968,987
PRIT Vintage 2023	279,875	190	5,509	285,574
PRIT Vintage 2024	32,675	34,800	901	68,375

Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees. Manager performance for mutual funds and ETFs is based on NAV and provided by Lipper. Performance for non-mutual fund or ETF investments is based on the returns provided by managers, calculations based on a manager statement, or calculations based on a statement or data from the client's custodian. Funds may include returns of an equivalent share class with a longer return history if period includes dates prior to the fund's inception. Returns are net of fees unless otherwise stated. The fund's inception date represents the first month the client made the investment. Composite performance includes all funds held in the composite since inception dates for asset class composites.

Portfolio Statistics

Total Fund Composite

As of September 30, 2024

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	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Return	5.0	10.2	18.3	4.6	8.6	7.4	6.5	10/1999
Standard Deviation	0.3	1.4	7.2	10.1	10.7	8.9	10.4	
Upside Risk	1.6	1.7	2.4	7.7	8.6	7.2	8.4	
Downside Risk	0.0	0.8	2.9	6.7	6.9	5.7	6.4	
vs. Policy Index								
Alpha	-1.1	0.0	0.6	0.1	-0.5	-1.1	1.1	
Beta	1.6	1.0	1.0	1.0	1.1	1.1	0.9	
Information Ratio	-0.3	0.1	-0.2	0.2	0.0	-0.4	0.0	
Tracking Error	0.1	0.2	0.8	0.9	1.5	1.4	6.7	
vs. 90 Day U.S. Treasury Bill								
Sharpe Ratio	4.7	0.5	1.6	0.2	0.6	0.7	0.5	

Estimated Fee Analysis

As of September 30, 2024

Manager	Target Allocation	Market Value	Fee Schedule ²	Estimated Annualized Totals ¹
IR&M Core Bond Fund LLC	23.5%	62,826,378	0.25%	\$157,066
BlackRock Strategic Income Opportunities K	7.0%	17,353,564	0.67%	\$116,269
Eaton Vance Trust CIT High Yield Fund	2.0%	6,095,504	0.50%	\$30,478
PRIT Domestic Equity	10.0%	30,399,930	0.16%	\$48,640
Columbia U.S. Contrarian Core Equity Private Fund	8.5%	24,522,152	0.50%	\$122,611
Wellington Small Cap 2000 Portfolio ³	5.0%	15,620,556	0.90% on first \$25 Mil; 0.80% on next \$25 Mil; 0.70% on next \$50 Mil; negotiable thereafter	\$140,585
Aristotle International Equity	4.75%	15,103,576	0.49%	\$74,008
MFS Institutional International Equity	4.75%	14,831,552	0.71%	\$105,304
Acadian International Small Cap Equity	1.5%	4,858,373	0.75%	\$36,438
Acadian Emerging Markets Equity	2.75%	6,899,560	0.75%	\$51,747
ABS Emerging Markets MA Fund LP	2.75%	7,324,698	0.87%	\$63,725
PRIT Core Real Estate ⁴	7.0%	16,115,093	0.33%	\$53,180
TA Realty Core Property Fund, LP	1.5%	5,533,024	0.70%	\$38,731
American Strategic Value Realty Fund ⁵	1.0%	2,297,743	1.25% on first \$10 Mil; 1.20% on next \$15 Mil; 1.10% on next \$25 Mil; 1.00% thereafter	\$28,722
TerraCap Partners IV ⁶	0.5%	316,036	1.50%	\$4,741
PRIT Hedge Funds ⁴	5.0%	14,385,233	1.08%	\$155,361
ETG Co-Invest Opportunities Fund LP ⁷		1,952,533	1.00% of net asset value	\$19,525
PRIT Vintage Year Portfolios ⁴		28,402,584	1.00%	\$284,026
Average Weighted Investment Management Fee			0.56%	Approximately \$1,500,0

Footnotes: ¹Estimated Annualized Totals does not include applicable incentive fees. ²Management fees for commingled funds may not include additional underlying fund expenses such as custody, audit, legal and administrative expenses that are typically deducted from the net asset value of the fund. ³Wellington has waived minimum annual fee for the Small Cap 2000 portfolio. ⁴PRIT Investments reflect expense ratios as of most recent fiscal year end (FY 2023 CAFR) and will vary year-to-year depending on performance incentive fees paid out to managers. Fees for Vintage Year portfolios vary widely; the estimated fee of 1.00% is expected as the management fee over the life of the investments. ⁵American Strategic Value Realty Fund fee reflects base fee not including carried interest of 20% after 10% preferred return. ⁶TerraCap Partners IV fee reflects base fee not including carried interest of 20% after 8% preferred return and 30% after 15% secondary preferred return. ⁷ETG Co-Invest Opportunities Fund LP fee relects base fee not including carried interest of 10% after 7.5% high water mark and after-tax clawback.

DISCLOSURE: The figures on this page have been obtained from sources we deem to be reliable. Fiducient Advisors has not independently verified this information.

Liquidity Analysis

As of September 30, 2024

Investment	Initial Lock-up Period	Terms	Investment Date
IRM Core Bond Fund	None	Daily liquidity: requires 5 business days notice	Jul-00
BlackRock Strategic Income Opportunities Fund K	None	Daily Liquidity	Apr-23
Eaton Vance Trust CIT High Yield Fund	None	Daily Liquidity	Mar-18
PRIT Domestic Equity Account	None	Monthly liquidity for contributions and withdrawals on first business day; redemptions require 5 days notice	Jul-10
Columbia U.S. Contrarian Core Equity Fund	None	Monthly liquidity for contributions; withdrawals on first business day with wire T+10 business days; 30 days notice required	Jan-15
Nellington Small Cap 2000 Portfolio	None	Daily liquidity	Oct-99
Aristotle International Equity	None	Daily liquidity	Dec-21
MFS Institutional International Equity Fund	None	Daily liquidity	Dec-10
Acadian International Small Cap Fund	None	Daily liquidity for contributions and withdrawals, 7 business days requested	Feb-11
Acadian Emerging Markets Equity	None	Daily liquidity for contributions and withdrawals, 10 business days requested	Sep-22
ABS Emerging Markets MA Fund LP	One-year early withdrawal charge: 2%	Monthly liqudity for contributions and withdrawals on first and last day of month respectively; 5 days' and 60 days' notice required for contributions and withdrawals respectively.	Jan-24
PRIT Real Estate Fund	None	Monthly liquidity for contributions and withdrawals on first business day; 5 days notice required	Jun-11
A Realty Core Property Fund, LP	Reducing percentage over 3 year period	Quarterly liquidity for withdrawals on first business day; 45 days notice required.	Apr-18
American Strategic Value Realty Fund	One-year	Quarterly liquidity for withdrawals on first business day subject to liquidity restraints due to fund activity; 30 days notice required	Jul-18
FerraCap Partners IV	8 year term plus two one-year extension options	Not applicable	Aug-18
PRIT Hedge Funds	None	Quarterly liquidity for contributions and withdrawals on first business day; 30 days notice required	Jul-10
ETG Co-Invest Opportunities Fund LP	Illiquid Generally 7-10 Years	Not applicable	Aug-23
PRIT Vintage Year Funds	Illiquid Generally 10-15 Years	Commitments must be made annually in December. Drawdowns occur monthly on first business day.	Apr-11

Definitions & Disclosures

Please note: Due to rounding methodologies of various data providers, certain returns in this report might differ slightly when compared to other sources

REGULATORY DISCLOSURES

Offer of ADV Part 2A: Rule 204-3 under the Investment Advisers Act of 1940 requires that we make an annual offer to clients to send them, without charge, a written disclosure statement meeting the requirements of such rule. We will be glad to send a copy of our ADV Part 2A to you upon your written request to compliance@fiducient.com.

INDEX DEFINITIONS

- Citigroup 3 Month T-Bill measures monthly return equivalents of yield averages that are not marked to market. The Three-Month Treasury Bill Indexes consist of the last three three-month Treasury bill issues.
- Ryan 3 Yr. GIC is an arithmetic mean of market rates of \$1 million Guaranteed Interest Contracts held for three years.
- Bloomberg Treasury U.S. T-Bills-1-3 Month Index includes aged U.S. Treasury bills, notes and bonds with a remaining maturity from 1 up to (but not including) 3 months. It excludes zero coupon strips.
- Bloomberg Capital US Treasury Inflation Protected Securities Index consists of Inflation-Protection securities issued by the U.S. Treasury.
- Bloomberg Muni Index is a rules-based, market-value-weighted index engineered for the long-term tax-exempt bond market. Bonds must be rated investment-grade by at least two ratings agencies.
- Bloomberg Muni 1 Year Index is the 1-year (1-2) component of the Municipal Bond index.
- Bloomberg Muni 3 Year Index is the 3-year (2-4) component of the Municipal Bond index.
- Bloomberg Muni 5 Year Index is the 5-year (4-6) component of the Municipal Bond index.
- Bloomberg Muni 7 Year Index is the 7-year (6-8) component of the Municipal Bond index.
- Bloomberg Intermediate U.S. Gov't/Credit is the Intermediate component of the U.S. Government/Credit index, which includes securities in the Government and Credit Indices. The Government Index includes treasuries and agencies, while the credit index includes publicly issued U.S. corporate and foreign debentures and secured notes that meet specified maturity, liquidity, and quality requirements.
- Bloomberg U.S. Aggregate Index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and assetbacked securities.
- Bloomberg Global Aggregate ex. USD Indices represent a broad-based measure of the global investment-grade fixed income markets. The two major components of this index are the Pan-European Aggregate and the Asian-Pacific Aggregate Indices. The index also includes Eurodollar and Euro-Yen corporate bonds and Canadian government, agency and corporate securities.
- Bloomberg U.S. Corporate High Yield Index covers the universe of fixed rate, non-investment grade debt. Eurobonds and debt issues from countries designated as emerging markets (sovereign rating of Baa1/BBB+/BBB+ and below using the middle of Moody's, S&P, and Fitch) are excluded, but Canadian and global bonds (SEC registered) of issuers in non-EMG countries are included.
- JP Morgan Government Bond Index-Emerging Market (GBI-EM) Index is a comprehensive, global local emerging markets index, and consists of regularly traded, liquid fixed-rate, domestic currency government bonds to which international investors can gain exposure.
- The S&P 500 is a capitalization-weighted index of 500 stocks designed to measure performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.
- The Dow Jones Industrial Index is a price-weighted average of 30 blue-chip stocks that are generally the leaders in their industry.
- The NASDAQ is a broad-based capitalization-weighted index of stocks in all three NASDAQ tiers: Global Select, Global Market and Capital Market.
- Russell 3000 is a market-cap-weighted index which consists of roughly 3,000 of the largest companies in the U.S. as determined by market capitalization. It represents nearly 98% of the investable U.S. equity market.
- Russell 1000 consists of the largest 1000 companies in the Russell 3000 Index.
- Russell 1000 Growth measures the performance of those Russell 1000 companies with higher P/B ratios and higher forecasted growth values.
- Russell 1000 Value measures the performance of those Russell 1000 companies with lower P/B ratios and lower forecasted growth values.
- Russell Mid Cap measures the performance of the 800 smallest companies in the Russell 1000 Index.
- Russell Mid Cap Growth measures the performance of those Russell Mid Cap companies with higher P/B ratios and higher forecasted growth values.
- Russell Mid Cap Value measures the performance of those Russell Mid Cap companies with lower P/B ratios and lower forecasted growth values.
- **Russell 2000** consists of the 2,000 smallest U.S. companies in the Russell 3000 index.
- Russell 2000 Growth measures the performance of the Russell 2000 companies with higher P/B ratios and higher forecasted growth values.
- Russell 2000 Value measures the performance of those Russell 2000 companies with lower P/B ratios and lower forecasted growth values.
- Russell 2500 consists of the 2,500 smallest U.S. companies in the Russell 3000 index.
- Russell 2500 Growth measures the performance of the Russell 2500 companies with higher P/B ratios and higher forecasted growth values.
- Russell 2500 Value measures the performance of those Russell 2500 companies with lower P/B ratios and lower forecasted growth values.
- MSCI World captures large and mid-cap representation across 23 Developed Markets countries. With 1,645 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.
- MSCI ACWI (All Country World Index) ex. U.S. Index captures large and mid-cap representation across 22 of 23 Developed Markets countries (excluding the United States) and 23 Emerging Markets countries. With 1,859 constituents, the index covers approximately 85% of the global equity opportunity set outside the US.
- MSCI ACWI (All Country World Index) ex. U.S. Small Cap Index captures small cap representation across 22 of 23 Developed Markets countries (excluding the US) and 23 Emerging Markets countries. With 4,368 constituents, the index covers approximately 14% of the global equity opportunity set outside the US.
- MSCI EAFE is an equity index which captures large and mid-cap representation across Developed Markets countries around the world, excluding the US and Canada. With 930 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

- MSCI EAFE Value captures large and mid-cap securities exhibiting overall value style characteristics across Developed Markets countries around the world, excluding the US and Canada. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. With 507 constituents, the index targets 50% coverage of the free float- adjusted market capitalization of the MSCI EAFE Index.
- MSCI EAFE Growth captures large and mid-cap securities exhibiting overall growth style characteristics across Developed Markets countries around the world, excluding the US and Canada. The growth investment style characteristics for index construction are defined using five variables: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend. With 542 constituents, the index targets 50% coverage of the free float-adjusted market capitalization of the MSCI EAFE Index.
- MSCI Emerging Markets captures large and mid-cap representation across 23 Emerging Markets countries. With 836 constituents, the index covers approximately 85% of the free-float adjusted market capitalization in each country.
- Consumer Price Index is a measure of prices paid by consumers for a market basket of consumer goods and services. The yearly (or monthly) growth rates represent the inflation rate.
- FTSE NAREIT Equity REITs Index contains all Equity REITs not designed as Timber REITs or Infrastructure REITs.
- S&P Developed World Property defines and measures the investable universe of publicly traded property companies domiciled in developed markets. The companies in the index are engaged in real estate related activities, such as property ownership, management, development, rental and investment.
- S&P Developed World Property x U.S. defines and measures the investable universe of publicly traded property companies domiciled in developed countries outside of the U.S. The companies included are engaged in real estate related activities, such as property ownership, management, development, rental and investment.
- Fund Specific Broad Real Asset Benchmarks:
 - DWS Real Assets: 30%: Dow Jones Brookfield Infrastructure Index, 30%: FTSE EPRA/NAREIT Developed Index, 15%: Bloomberg Commodity Index, 15%: S&P Global Natural Resources Index, 10%: U.S. Treasury Inflation Notes Total Return Index
 - PIMCO Inflation Response Multi Asset Fund: 45% Bloomberg U.S. TIPS, 20% Bloomberg Commodity Index, 15% JP Morgan Emerging Local Markets Plus, 10% Dow Jones Select REIT, 10% Bloomberg Gold Subindex Total Return
 - Principal Diversified Real Assets: 35% BBgBarc U.S. Treasury TIPS Index, 20% S&P Global Infrastructure Index NTR, 20% S&P Global Natural Resources Index NTR, 15% Bloomberg Commodity Index, and 10% FTSE EPRA/NAREIT Developed Index NTR
 - Wellington Diversified Inflation H: 50% MSCI ACWI Commodity Producers Index, 25% Bloomberg Commodity Index, and 25% Bloomberg Bloomberg US TIPS 1 10 Year Index
- Bloomberg Commodity Index is calculated on an excess return basis and reflects commodity futures price movements. The index rebalances annually weighted 2/3 by trading volume and 1/3 by world production and weight-caps are applied at the commodity, sector and group level for diversification.
- HFRI Fund Weighted Composite Index is a global, equal-weighted index of over 2,000 single-manager funds that report to HFR Database. Constituent funds report monthly net of all fees performance in US Dollar and have a minimum of \$50 Million under management or a twelve (12) month track record of active performance. The HFRI Fund Weighted Composite Index does not include Funds of Hedge Funds.
- The Alerian MLP Index is the leading gauge of energy Master Limited Partnerships (MLPs). The float adjusted, capitalization-weighted index, whose constituents represent approximately 85% of total float-adjusted market capitalization, is disseminated real-time on a price-return basis (AMZ) and on a total-return basis.
- The Adjusted Alerian MLP Index is commensurate with 65% of the monthly returns of the Alerian MLP Index to incorporate the effect of deferred tax liabilities incurred by MLP entities.
- Cambridge Associates U.S. Private Equity Index is based on data compiled from more than 1,200 institutional-quality buyout, growth equity, private equity energy, and mezzanine funds formed between 1986 and 2015.
- Cambridge Associates U.S. Venture Capital Index is based on data compiled from over 1,600 institutional-quality venture capital funds formed between 1986 and 2015.
- Vanguard Spliced Bloomberg US1-5Yr Gov/Cr Flt Adj Index: Bloomberg U.S. 1–5 Year Government/Credit Bond Index through December 31, 2009; Bloomberg U.S. 1–5 Year Government/Credit Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg US5-10Yr Gov/Cr Flt Adj Index: Bloomberg U.S. 5–10 Year Government/Credit Bond Index through December 31, 2009; Bloomberg U.S. 5–10 Year Government/Credit Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg US Agg Flt Adj Index: Bloomberg U.S. Aggregate Bond Index through December 31, 2009; Bloomberg U.S. Aggregate Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg US Long Gov/Cr Flt Adj Index: Bloomberg U.S. Long Government/Credit Bond Index through December 31, 2009; Bloomberg U.S. Long Government/Credit Float Adjusted Index thereafter.
- Vanguard Balanced Composite Index: Made up of two unmanaged benchmarks, weighted 60% Dow Jones U.S. Total Stock Market Index (formerly the Dow Jones Wilshire 5000 Index) and 40% Bloomberg
 U.S. Aggregate Bond Index through May 31, 2005; 60% MSCI US Broad Market Index and 40% Bloomberg
 U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg
 U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Blomberg
- Vanguard Spliced Intermediate-Term Tax-Exempt Index: Bloomberg 1–15 Year Municipal Bond Index.
- Vanguard Spliced Extended Market Index: Dow Jones Wilshire 4500 Index through June 17, 2005; S&P Transitional Completion Index through September 16, 2005; S&P Completion Index thereafter.
- Vanguard Spliced Value Index: S&P 500 Value Index (formerly the S&P 500/Barra Value Index) through May 16, 2003; MSCI US Prime Market Value Index through April 16, 2013; CRSP US Large Cap Value Index thereafter.
- Vanguard Spliced Large Cap Index: Consists of MSCI US Prime Market 750 Index through January 30, 2013, and the CRSP US Large Cap Index thereafter.
- Vanguard Spliced Growth Index: S&P 500 Growth Index (formerly the S&P 500/Barra Growth Index) through May 16, 2003; MSCI US Prime Market Growth Index through April 16, 2013; CRSP US Large Cap Growth Index thereafter.
- Vanguard Spliced Mid Cap Value Index: MSCI US Mid Cap Value Index through April 16, 2013; CRSP US Mid Cap Value Index thereafter.
- Vanguard Spliced Mid Cap Index: S&P MidCap 400 Index through May 16, 2003; the MSCI US Mid Cap 450 Index through January 30, 2013; and the CRSP US Mid Cap Index thereafter.
- Vanguard Spliced Mid Cap Growth Index: MSCI US Mid Cap Growth Index through April 16, 2013; CRSP US Mid Cap Growth Index thereafter.
- Vanguard Spliced Total Stock Market Index: Dow Jones U.S. Total Stock Market Index (formerly known as the Dow Jones Wilshire 5000 Index) through April 22, 2005; MSCI US Broad Market Index through June 2, 2013; and CRSP US Total Market Index thereafter.
- Vanguard Spliced Small Cap Value Index: SmallCap 600 Value Index (formerly the S&P SmallCap 600/Barra Value Index) through May 16, 2003; MSCI US Small Cap Value Index through April 16, 2013; CRSP US Small Cap Value Index thereafter.

- Vanguard Spliced Small Cap Index: Russell 2000 Index through May 16, 2003; the MSCI US Small Cap 1750 Index through January 30, 2013; and the CRSP US Small Cap Index thereafter.
- Vanguard Spliced Small Cap Growth Index: S&P SmallCap 600 Growth Index (formerly the S&P SmallCap 600/Barra Value Index) through May 16, 2003; MSCI US Small Cap Growth Index through April 16, 2013; CRSP US Small Cap Growth Index thereafter.
- Vanguard Spliced Total International Stock Index: Consists of the Total International Composite Index through August 31, 2006; the MSCI EAFE + Emerging Markets Index through December 15, 2010; the MSCI ACWI ex USA IMI Index through June 2, 2013; and FTSE Global All Cap ex US Index thereafter. Benchmark returns are adjusted for withholding taxes.
- Vanguard Spliced Developed Markets Index: MSCI EAFE Index through May 28, 2013; FTSE Developed ex North America Index through December 20, 2015; FTSE Developed All Cap ex US Transition Index through May 31, 2016; FTSE Developed All Cap ex US Index thereafter. Benchmark returns are adjusted for withholding taxes.
- Vanguard Spliced Emerging Markets Index: Select Emerging Markets Index through August 23, 2006; MSCI Emerging Markets Index through January 9, 2013; FTSE Emerging Transition Index through June 27, 2013; FTSE Emerging Index through November 1, 2015; and FTSE Emerging Markets All Cap China A Transition Index thereafter. Benchmark returns are adjusted for withholding taxes.
- Vanguard REIT Spliced Index: MSCI US REIT Index adjusted to include a 2% cash position (Lipper Money Market Average) through April 30, 2009; MSCI US REIT Index through January 31, 2018; MSCI US Investable Market Real Estate 25/50 Transition Index through July 24, 2018; MSCI US Investable Market Real Estate 25/50 Index thereafter.

Additional:

- Equity sector returns are calculated by Russell and MSCI for domestic and international markets, respectively. MSCI sector definitions correspond to the MSCI GICS[®] classification (Global Industry Classification System); Russell uses its own sector and industry classifications.
- MSCI country returns are calculated by MSCI and are free float-adjusted market capitalization indices that are designed to measure equity market performance in each specific country.
- Currency returns are calculated using Bloomberg's historical spot rate indices and are calculated using the U.S. dollar as the base currency.
- The Index of Leading Economic Indicators, calculated by The Conference Board, is used as a barometer of economic activity over a range of three to six months. The index is used to determine the direction and stability of the economy. The composite index of leading indicators, which is derived from 10 leading indicators, helps to signal turning points in the economy and forecast economic cycles. The leading indicators are the following: average weekly hours, average weekly initial claims, manufacturers' new orders, both consumer and non-defense capital goods, vendor performance, building permits, stock prices, money supply (M2), the interestrate spread and the index of consumer expectations.
- S&P Target Date Indexes are constructed using a survey method of current target date investments with \$100 million or more in assets under management. Allocations for each vintage are comprised of exchange-traded-funds that represent respective asset classes used in target date portfolios. The indexes are designed to represent a market consensus glide path.

DEFINITION OF KEY STATISTICS AND TERMS

- Returns: A percentage figure used when reporting historical average compounded rate of investment return. All returns are annualized if the period for which they are calculated exceeds one year.
- Universe Comparison: The universe compares the fund's returns to a group of other investment portfolios with similar investment strategies. The returns for the fund, the index and the universe percentiles are displayed. A percentile ranking of 1 is the best, while a percentile ranking of 100 is the worst. For example, a ranking of 50 indicates the fund outperformed half of the universe. A ranking of 25 indicates the fund was in the top 25% of the universe, outperforming75%.
- Returns In Up/Down Markets: This measures how the fund performed in both up and down markets. The methodology is to segregate the performance for each time period into the quarters in which the market, as defined by the index, was positive and negative. Quarters with negative index returns are treated as down markets, and quarters with positive index returns are treated as up markets. Thus, in a 3 year or 12 quarter period, there might be 4 down quarters and 8 up quarters. A simple arithmetic average of returns is calculated for the fund and the index based on the up quarters. A simple arithmetic average of returns is calculated for the fund and the index based on the down quarters. The up market capture ratio is the ratio of the fund's return in up markets to the index. The down market capture ratio is the ratio of the fund's return in down markets to the index. Ideally, the fund would have a greater up market capture ratio than down market capture ratio.
- Standard Deviation: Standard deviation is a statistical measure of the range of performance within which the total returns of a fund fall. When a fund has a high standard deviation, the range of performance is very wide, meaning there is a greater volatility. Approximately 68% of the time, the total return of any given fund will differ from the average total return by no more than plus or minus the standard deviation figure. Ninety-five percent of the time, a fund's total return will be within a range of plus or minus two times the standard deviation from the average total return. If the quarterly or monthly returns are all the same the standard deviation deviation. Standard deviation can be misleading as a risk indicator for funds with high total returns because large positive deviations will increase the standard deviation without a corresponding increase in the risk of the fund. While positive volatility is welcome, negative is not.
- R-Squared: This reflects the percentage of a fund's movements that are explained by movements in its benchmark index. An R-squared of 100 means that all movements of a fund are completely explained by movements in the index. Conversely, a low R-squared indicates very few of the fund's movements are explained by movements in the benchmark index. R-squared can also be used to ascertain the significance of a particular beta. Generally, a higher R-squared will indicate a more reliable beta figure. If the R-squared is lower, then the beta is less relevant to the fund's performance. A measure of diversification, R-squared indicates the extent to which fluctuations in portfolio returns are explained by market. An R-squared = 0.70 implies that 70% of the fluctuation in a portfolio's return is explained by the fluctuation in the market. In this instance, overweighting or underweighting of industry groups or individual securities is responsible for 30% of the fund's movement.
- Beta: This is a measure of a fund's market risk. The beta of the market is 1.00. Accordingly, a fund with a 1.10 beta is expected to perform 10% better than the market in up markets and 10% worse that the market in down markets. It is important to note, however, a low fund beta does not imply the fund has a low level of volatility; rather, a low beta means only that the fund's market-related risk is low. Because beta analyzes the market risk of a fund by showing how responsive the fund is to the market, its usefulness depends on the degree to which the markets determine the fund's total risk (indicated by R-squared).
- Alpha: The Alpha is the nonsystematic return, or the return that can't be attributed to the market. It can be thought of as how the <u>manager</u> performed if the market's return was zero. A <u>positive</u> alpha implies the manager added value to the return of the portfolio over that of the market. A <u>negative</u> alpha implies the manager did not contribute any value over the performance of the market.
- Sharpe Ratio: The Sharpe ratio is the excess return per unit of total risk as measured by standard deviation. Higher numbers are better, indicating more return for the level of risk experienced. The ratio is a fund's return minus the risk-free rate of return (30-day T-Bill rate) divided by the fund's standard deviation. The higher the Sharpe ratio, the more reward you are receiving per unit of total risk. This measure can be used to rank the performance of mutual funds or other portfolios.
- Treynor Ratio: The Treynor ratio measures returns earned in excess of that which could have been earned on a riskless investment per each unit of market risk. The ratio relates excess return over the risk-free rate to the additional risk taken; however, systematic risk is used instead of total risk. The Treynor ratio is similar to the Sharpe ratio, except in the fact that it uses the beta to evaluate the returns rather than the standard deviation of portfolio returns. High values mean better return for risk taken.

- Tracking Error: Tracking error measures the volatility of the difference in annual returns between the manager and the index. This value is calculated by measuring the standard deviation of the difference between the manager and index returns. For example, a tracking error of +/- 5 would mean there is about a 68% chance (1 standard deviation event) that the manager's returns will fall within +/- 5% of the benchmark's annual return.
- Information Ratio: The information ratio is a measure of the consistency of excess return. This value is determined by taking the annualized excess return over a benchmark (style benchmark by default) and dividing it by the standard deviation of excess return.
- Consistency: Consistency shows the percent of the periods the fund has beaten the index and the percent of the periods the index has beat the fund. A high average for the fund (e.g., over 50) is desirable, indicating the fund has beaten the index frequently.
- Downside Risk: Downside risk is a measure similar to standard deviation but focuses only on the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. The higher the factor, the riskier the product.
- M-Squared: M-squared, or the Modigliani risk-adjusted performance measure is used to characterize how well a portfolio's return rewards an investor for the amount of risk taken, relative to that of some benchmark portfolio and to the risk-free rate.

DEFINITION OF KEY PRIVATE EQUITY TERMS

- PIC (Paid in Capital): The amount of committed capital that has been transferred from the limited partner to the general partner.
- TVPI (Total Value to Paid in Capital): Money returned to limited partners plus the fund's unrealized investments, divided by money paid-in to the partnership. The TVPI should equal RVPI plus DPI.
- DPI (Distribution to Paid In Capital): Money returned (distributions) to limited partners divided by money paid in to the partnership. Also called cash-on-cash multiple.
- RVPI (Residual Value to Paid In Capital): The value of a fund's unrealized investments divided by money paid-in to the partnership.
- Internal rate of return (IRR): This is the most appropriate performance benchmark for private equity investments. It is a time-weighted return expressed as a percentage. IRR uses the present sum of cash drawdowns (money invested), the present value of distributions (money returned from investments) and the current value of unrealized investments and applies a discount.
- **Commitment:** Every investor in a private equity fund commits to investing a specified sum of money in the fund partnership over a specified period of time. The fund records this as the limited partnership's capital commitment. The sum of capital commitments is equal to the size of the fund.
- Capital Distribution: These are the returns that an investor in a private equity fund receives. It is the income and capital realized from investments less expenses and liabilities. Once a limited partner has had their cost of investment returned, further distributions are actual profit. The partnership agreement determines the timing of distributions to the limited partner. It will also determine how profits are divided among the limited partners and general partner.
- Carried Interest: The share of profits that the fund manager is due once it has returned the cost of investment to investors. Carried interest is normally expressed as a percentage of the total profits of the fund.
- Co-Investment: Co-Investments are minority investments made alongside a private equity investor in an LBO, a recapitalization, or an expansion capital transaction. It is a passive, non-controlling investment, as the
 private equity firm involved will typically exercise control and perform monitoring functions.
- General Partner (GP): This can refer to the top-ranking partners at a private equity firm as well as the firm managing the private equity fund.
- **GP Commitments:** It is normal practice for the GP managing a private equity fund to also make a financial commitment to the fund on the same basis as the LPs in the fund, and this is seen as an important factor driving the alignment of GP and LP interests. The historic benchmark for GP commitments has been 1% of the total fund size, but this is by no means universal, and many GPs commit significantly larger amounts. Furthermore, there has been a marked trend towards GPs making larger commitments to their funds over recent years.
- Leveraged Buy-Out (LBO): The acquisition of a company using debt and equity finance.
- Limited Partner (LP): Institutions or high-net-worth individuals/sophisticated investors that contribute capital to a private equity fund.
- Public Market Equivalent (PME): Performance measure used to evaluate performance relative to the market. It is calculated as the ratio of the discounted value of the LP's inflows divided by the discounted value of outflows, with the discounting performed using realized market returns.
- Primaries: An original investment vehicle that invests directly into a company or asset.

VALUATION POLICY

Fiducient Advisors does not engage an independent third-party pricing service to value securities. Our reports are generated using the security prices provided by custodians used by our clients. Our custodial pricing hierarchy is available upon request. If a client holds a security not reported by the first custodian within the hierarchy, the valuation is generated from the next custodian within the hierarchy, and so forth. Each custodian uses pricing services from outside vendors, where the vendors may generate nominally different prices. Therefore, this report can reflect minor valuation differences from those contained in a custodian's report. In rare instances where FA overrides a custodial price, prices are taken from Bloomberg.

REPORTING POLICY

This report is intended for the exclusive use of the client listed within the report. Content is privileged and confidential. Any dissemination or distribution is strictly prohibited. Information has been obtained from a variety of sources believed to be reliable though not independently verified. Any forecast represents median expectations and actual returns, volatilities and correlations will differ from forecasts. Please note each client has customized investment objectives and constraints and the investment strategy for each portfolio is based on a client-specific asset allocation model. Past performance does not indicate future performance and there is a possibility of a loss. Performance calculated net of investment fees. Certain portfolios presented may be gross of Fiducient Advisors' fees and actual performance would be reduced by investment advisory fees. This report does not represent a specific investment recommendation. Please consult with your advisor, attorney, and accountant, as appropriate, regarding specific advice.

Custodian reports are the reports that govern the account. There will be different account values between Fiducient Advisors' reports and the custodian reports based on whether the report utilizes trade date or settlement date to calculate value. Additionally, difference between values contained on reports may be caused by different accrued income values. Any forecasts represent future expectations and actual returns, volatilities and correlations will differ from forecasts. This report does not represent a specific investment recommendation. Please consult with your advisor, attorney, and accountant, as appropriate, regarding specific advice. Past performance does not indicate future performance and there is a possibility of aloss.

Manager performance for mutual funds and ETFs is based on NAV and provided by Lipper. Performance for non-mutual fund or ETF investments is based on the returns provided by managers, calculations based on a manager statement, or calculations based on a statement or data from the client's custodian. Unless specified otherwise, all returns are net of individual manager fees, represent total returns and are annualized for periods greater than one year. The deduction of fees produces a compounding effect that reduces the total rate of return over time. As an example, the effect of investment management fees on the total value of a client's portfolio assuming (a) quarterly fee assessment, (b) \$1,000,000 investment, (c) portfolio return of 8% a year, and (d) 0.50% annual investment advisory fee would be \$5,228 in the first year, and cumulative effects of \$30,342 over five years and \$73,826 over ten years. Additional information on advisory fees charged by Fiducient Advisors are described in Part 2 of the Form ADV.

MATERIAL RISKS & LIMITATIONS

Fixed Income securities are subject to interest rate risks, the risk of default and liquidity risk. U.S. investors exposed to non-U.S. fixed income may also be subject to currency risk and fluctuations. -Liability Driven Investing (LDI) Assets

Cash may be subject to the loss of principal and over longer period of time may lose purchasing power due to inflation. -Short Term Liquidity

Domestic Equity can be volatile. The rise or fall in prices take place for a number of reasons including, but not limited to changes to underlying company conditions, sector or industry factors, or other macro events. These may happen quickly and unpredictably.

International Equity can be volatile. The rise or fall in prices take place for a number of reasons including, but not limited to changes to underlying company conditions, sector or industry impacts, or other macro events. These may happen quickly and unpredictably. International equity allocations may also be impact by currency and/or country specific risks which may result in lower liquidity in some markets.

Real Assets can be volatile and may include asset segments that may have greater volatility than investment in traditional equity securities. Such volatility could be influenced by a myriad of factors including, but not limited to overall market volatility, changes in interest rates, political and regulatory developments, or other exogenous events like weather or natural disaster.

Private Equity involves higher risk and is suitable only for sophisticated investors. Along with traditional equity market risks, private equity investments are also subject to higher fees, lower liquidity and the potential for leverage that may amplify volatility and/or the potential loss of capital.

Private Credit involves higher risk and is suitable only for sophisticated investors. These assets are subject to interest rate risks, the risk of default and limited liquidity. U.S. investors exposed to non-U.S. private credit may also be subject to currency risk and fluctuations.

Private Real Estate involves higher risk and is suitable only for sophisticated investors. Real estate assets can be volatile and may include unique risks to the asset class like leverage and/or industry, sector or geographical concentration. Declines in real estate value may take place for a number of reasons including, but are not limited to economic conditions, change in condition of the underlying property or defaults by the borrow.

Marketable Alternatives involves higher risk and is suitable only for sophisticated investors. Along with traditional market risks, marketable alternatives are also subject to higher fees, lower liquidity and the potential for leverage that may amplify volatility or the potential for loss of capital. Additionally, short selling involved certain risks including, but not limited to additional costs, and the potential for unlimited loss on certain short sale positions.

OTHER

By regulation, closed-end funds utilizing debt for leverage must report their interest expense, as well as their income tax expense, as part of their total expense ratio. To make for a useful comparison between closed-end funds and both open-end funds and exchange-traded funds, adjusted expense ratios excluding interest and income tax expenses are utilized for closed-end funds within this report. See disclosure on closed-end fund fact sheets for information regarding the total expense ratio of each closed-end fund.

Please advise us of any changes in your objectives or circumstances.

CUSTODIAN STATEMENTS

Please remember to review the periodic statements you receive from you custodian. If you do not receive periodic statements from your custodian or notice issues with the activity reported in those statements, please contact FA or your custodian immediately.