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# Oviedo Police Officers' Retirement System

60T Report

Investment Performance Review

Period Ending September 30, 2024

MARINER

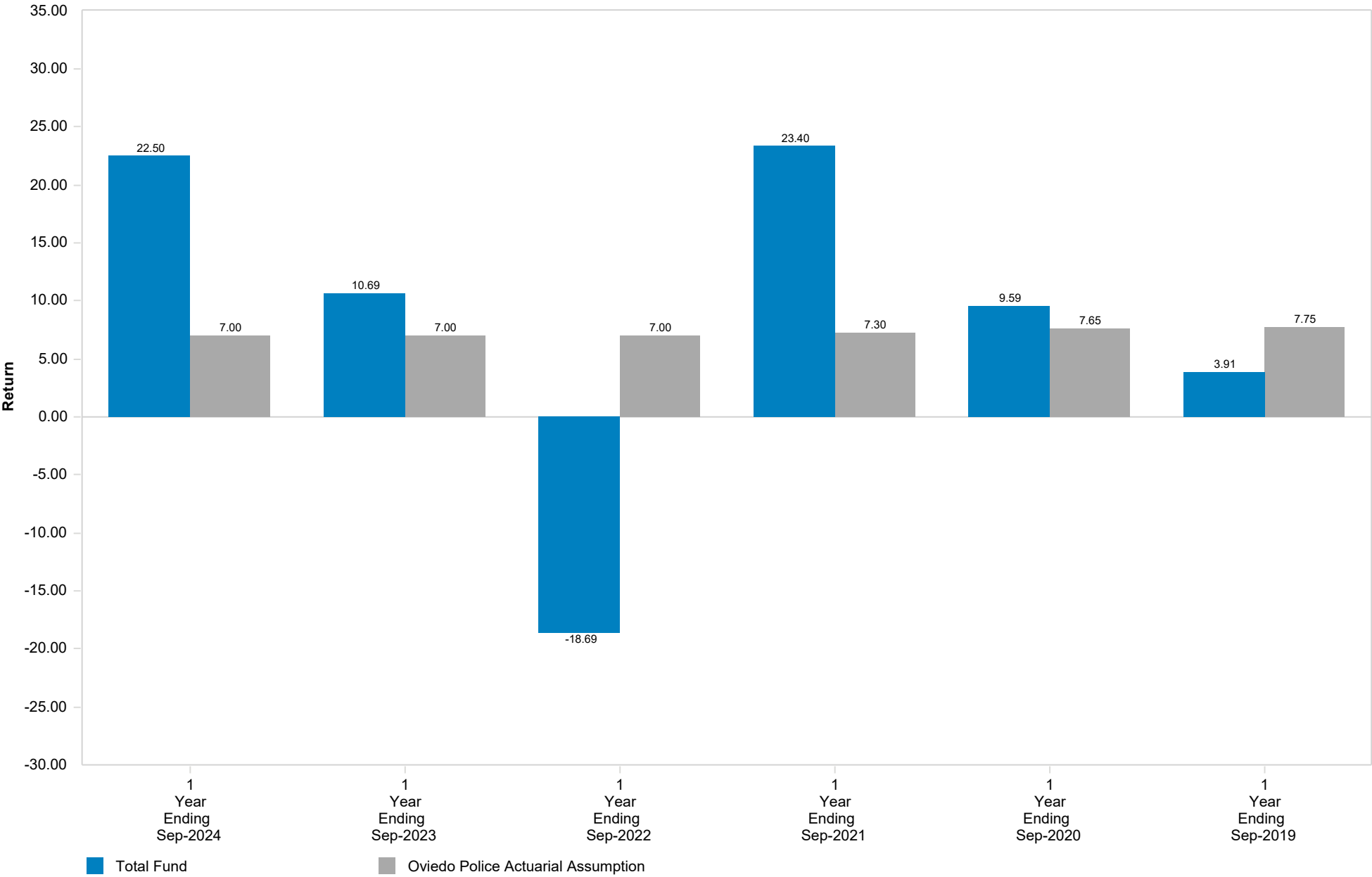
## Oviedo Police Officers' Retirement System

## Asset Allocation

As of September 30, 2024

Asset Allocation History by Portfolio												
	Sep-2024		Sep-2023		Sep-2022		Sep-2021		Sep-2020		Sep-2019	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Equity	27,912,382	70.74	21,550,452	66.74	18,491,641	63.13	23,201,213	64.23	19,347,645	67.15	18,078,437	68.38
Total Domestic Equity	23,029,122	58.36	17,625,515	54.59	15,266,355	52.12	18,397,975	50.93	15,497,799	53.79	14,729,845	55.71
Total International Equity	4,883,260	12.38	3,924,937	12.16	3,225,286	11.01	4,803,238	13.30	3,849,846	13.36	3,348,593	12.67
Total Fixed Income	8,872,283	22.49	7,948,441	24.62	6,726,624	22.96	9,694,357	26.84	6,939,481	24.08	5,891,173	22.28
Total Broad Market Fixed Income	8,501,721	21.55	7,627,281	23.62	6,427,230	21.94	8,447,389	23.39	5,749,824	19.96	4,741,732	17.93
Total Non-Core Fixed Income	370,562	0.94	321,160	0.99	299,394	1.02	1,246,968	3.45	1,189,656	4.13	1,149,440	4.35
Total Real Estate	1,944,870	4.93	2,185,302	6.77	2,615,291	8.93	1,516,697	4.20	1,339,445	4.65	1,297,213	4.91
Total Alternatives	3,386	0.01	2,866	0.01	1,005,983	3.43	1,174,701	3.25	1,047,633	3.64	1,023,260	3.87
Receipt & Disbursement	724,343	1.84	602,215	1.87	452,853	1.55	536,086	1.48	138,406	0.48	149,366	0.56
Total Fund	39,457,264	100.00	32,289,276	100.00	29,292,393	100.00	36,123,054	100.00	28,812,609	100.00	26,439,450	100.00

Comparative Performance Net of Fees



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

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The awards are not indicative of any future performance. The awards or any other rankings and/or recognition by unaffiliated rating services and/or publications should not be construed as a guarantee that a client will experience a certain level of results or satisfaction, nor should it be construed as a current or past endorsement by any of our clients. No fee was paid to participate in this award survey.

The 2024-25 award was issued in February 2025, based on data from February to September of 2024. The 2023 award was issued in April 2024, based on data from Feb to November of 2023. The 2022 award was issued in April 2023, based on data from Feb to November of 2022. The 2021 award was issued in April of 2022, based on data from July to October 2021. Data was collected via interviews conducted by Coalition Greenwich. The 2024 and 2023 awards were issued to Mariner Institutional (formerly AndCo Consulting). The 2021 and 2022 awards were issued to AndCo, prior to becoming Mariner Institutional. The methodology: For the 2024-25 Coalition Greenwich Best Investment Consultant Award for Overall U.S. Investment Consulting – Midsize Consultants – Between February and September 2024, Crisil Coalition Greenwich conducted interviews with 699 individuals from 563 of the largest tax-exempt funds in the United States. For the 2023 Greenwich Best Investment Consultant Award for Overall U.S. Investment Consulting – Midsize Consultants – Between February and November 2023, Coalition Greenwich conducted interviews with 708 individuals from 575 of the largest tax-exempt funds in the United States. For the 2022 Greenwich Best Investment Consultant Award for Overall U.S. Investment Consulting – Midsize Consultants – Between February and November 2022, Coalition Greenwich conducted interviews with 727 individuals from 590 of the largest tax-exempt funds in the United States. For the 2021 Greenwich Best Investment Consultant Award – Overall U.S. Investment Consulting – Midsize Consultants – Between July and October 2021, Coalition Greenwich conducted interviews with 811 individuals from 661 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate, public, union, and endowment and foundation funds with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends.

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