
Monroe County Employees Retirement System

Investment Performance Review
Period Ending September 30, 2024

Preliminary Data

MARINER

Equities	Index Returns (%)					
	Month	3 M	YTD	1 Year	3 Yr Ann	5 Yr Ann
S&P 500 Total Return	2.14	5.89	22.08	36.35	11.91	15.98
Russell Midcap Index	2.23	9.21	14.63	29.33	5.75	11.30
Russell 2000 Index	0.70	9.27	11.17	26.76	1.84	9.39
Russell 1000 Growth Index	2.83	3.19	24.55	42.19	12.02	19.74
Russell 1000 Value Index	1.39	9.43	16.68	27.76	9.03	10.69
Russell 3000 Index	2.07	6.23	20.63	35.19	10.29	15.26
MSCI EAFE NR	0.92	7.26	12.99	24.77	5.48	8.20
MSCI EM NR	6.68	8.72	16.86	26.05	0.40	5.75

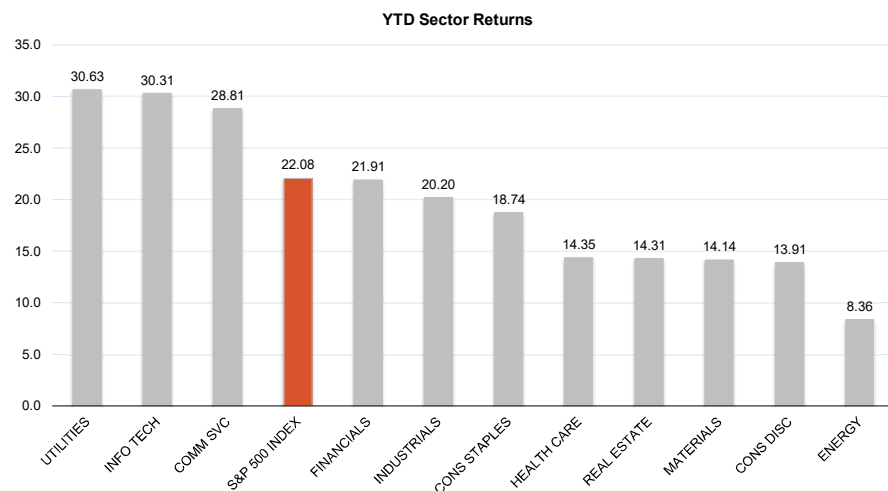
Russell Indices Style Returns			Levels			
	V	B	G	V	B	G
L	16.7	21.2	24.5	11.4	26.5	42.7
M	15.1	14.6	12.9	12.7	17.2	25.9
S	9.2	11.2	13.2	14.6	16.9	18.6
	YTD			2023		

Fixed Income	Index Returns (%)					
	Month	3 M	YTD	1 Year	Mod. Adj. Duration	Yield to Worst
U.S. Aggregate	1.34	5.20	4.45	11.57	6.20	4.23
U.S. Corporate Investment Grade	1.77	5.84	5.32	14.28	7.17	4.72
U.S. Corporate High Yield	1.62	5.28	8.00	15.74	2.93	6.99
Global Aggregate	1.70	6.98	3.60	11.99	6.67	3.33

Currencies	Levels		
	09/30/24	12/31/23	12/31/22
Euro Spot	1.11	1.10	1.07
British Pound Spot	1.34	1.27	1.21
Japanese Yen Spot	143.69	141.04	131.12
Swiss Franc Spot	0.85	0.84	0.92

Key Rates	Levels (%)				
	09/30/24	12/31/23	12/31/22	12/31/21	12/31/20
US Generic Govt 3 Mth	4.62	5.33	4.34	0.03	0.06
US Generic Govt 2 Yr	3.64	4.25	4.43	0.73	0.12
US Generic Govt 10 Yr	3.78	3.88	3.87	1.51	0.91
US Generic Govt 30 Yr	4.12	4.03	3.96	1.90	1.64
Secured Overnight Financing Rate	4.96	5.38	4.30	0.05	0.07
Euribor 3 Month ACT/360	3.28	3.91	2.13	(0.57)	(0.55)
Bankrate 30Y Mortgage Rates Na	6.68	6.99	6.66	3.27	2.87
Prime	8.50	8.50	7.50	3.25	3.25

Commodities	Levels		
	09/30/24	12/31/23	12/31/22
Oil	68.17	71.65	80.45
Gasoline	3.20	3.11	3.21
Natural Gas	2.92	2.51	3.93
Gold	2,659.40	2,071.80	1,857.70
Silver	31.46	24.09	24.21
Copper	455.30	389.05	381.45
Corn	424.75	471.25	678.00
BBG Commodity TR Idx	239.69	226.43	245.89



Source: Bloomberg, Investment Metrics, & Federal Reserve Bank of St. Louis. For informational purposes only and should not be regarded as investment advice. Information is based on sources and data believed to be reliable, but Mariner Institutional cannot guarantee the accuracy, adequacy or completeness of the information. The material provided herein is valid only as of the date of distribution and not as of any future date.

*Heat maps are displayed utilizing a 9-color scale, with green as the highest return for the time period noted and red as the lowest return for the time period noted. Color scales within each time period are mutually exclusive.

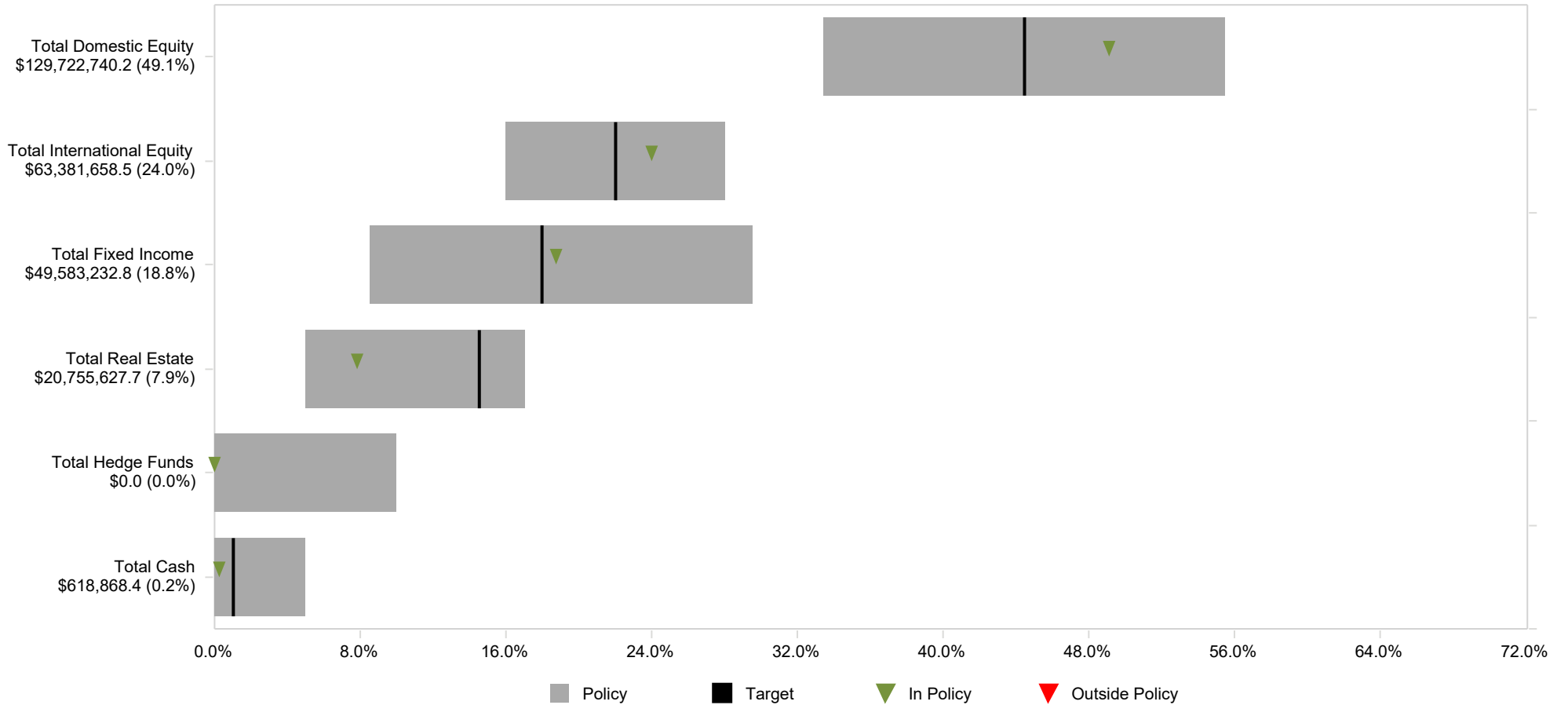
	QTR Progress	YTD Progress	Notes
Total Fund	+	+	YTD ahead of index due to overweight to Domestic Equity. Longer term returns all ahead of relevant benchmarks.
Fidelity S&P 500 / Extended / Developed Market Index Funds	=	=	Performed inline with expectations for index fund.
Seizert Large Value	-	-	Long term remains strong. No concerns.
Winslow Large Growth	-	+	Outperformance driven by stock selection in Information Technology.
Clarkston Small / Mid	-	-	3 of 4 quarters behind benchmark due to high cash position and stock selection. Clarkston is on watch, we continue to recommend patience.
Seizert Mid Cap	+	+	Long term outperformance across the board.
Seizert Small Cap	+	+	Outperformance across the board.
Reinhart Small Mid Cap	+	+	Outperformance across the board.
ABS Emerging Markets	-	-	Outperformance across the board. Near term underperformance due to small cap holdings and underweight to mega cap stocks.
Boyd Watterson Fixed Income	-	+	Outperformance across the board. Minor underperformance for the quarter.
Private Credit – Raven / Monroe Raven	?	?	Long term performance remains solid. Raven is nearing end of investment period; Monroe is actively deploying capital. Raven ahead of expectations, Monroe just beginning to invest.
Intercontinental US REIF	-	-	Near term underperformance driven by higher interest rates. Long term performance remains solid.
Boyd Watterson GSA Real Estate	-	+	Near term results driven by decline in office valuations. Long term performance remains solid.
Alidade Real Estate Fund IV	?	?	No pricing update due to timing of quarterly statements. Long term performance remains solid.
TerraCap Real Estate Fund IV / V	?	?	No pricing update due to timing of quarterly statements. Long term performance remains solid.

Domestic Equity	Seizert LCV			Winslow LCG			Clarkston			Seizert Mid Cap			Seizert Small Cap			Reinhart Genesis		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Less than 3 out of 4 quarters of relative under-performance versus the benchmark.	x			x				•		x			x			x		
2. Either three (3) year trailing return within the top 50th percentile or performance exceeding the benchmark.	x				•		x			x			x					x
3. Either five (5) year trailing return within the top 50th percentile or performance exceeding the benchmark.	x					x		•			•		x					x
4. Three (3) year downside volatility less than the index (lower than 100), as measured by downside market capture ratio.	x				•		x			x			x					x
5. Five (5) year downside volatility less than the index (lower than 100), as measured by downside market capture ratio.	x					x	x			x			x					x
6. No investigation of the firm by the Securities and Exchange Commission (SEC).	x			x			x			x			x			x		
7. No merger or sale of firm.	x			x			x			x			x			x		
8. No qualitative changes (style, purity drift, mgmt turnover, asset flows, 314 / IPS compliance)	x			x			x			x			x			x		
9. No fee increases outside of the competitive range.	x			x			x			x			x			x		

International Equity / Fixed Income / Real Estate:	ABS EM			Boyd Watterson FI			Intercontinental RE			Boyd GSA		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Less than 3 out of 4 quarters of relative under-performance versus the benchmark.	x			x			x			x		
2. Either three (3) year trailing return within the top 50th percentile or performance exceeding the benchmark.		•		x				•		x		
3. Either five (5) year trailing return within the top 50th percentile or performance exceeding the benchmark.	x			x			x			x		
4. Three (3) year downside volatility less than the index (lower than 100), as measured by downside market capture ratio.	x			x			x			x		
5. Five (5) year downside volatility less than the index (lower than 100), as measured by downside market capture ratio.	x			x			x			x		
6. No investigation of the firm by the Securities and Exchange Commission (SEC).	x			x			x			x		
7. No merger or sale of firm.	x			x			x			x		
8. No qualitative changes (style, purity drift, mgmt turnover, asset flows, 314 / IPS compliance)	x			x			x			x		
9. No fee increases outside of the competitive range.	x			x			x			x		

A "Yes" result means the Fund is in compliance with the IPS.

Executive Summary

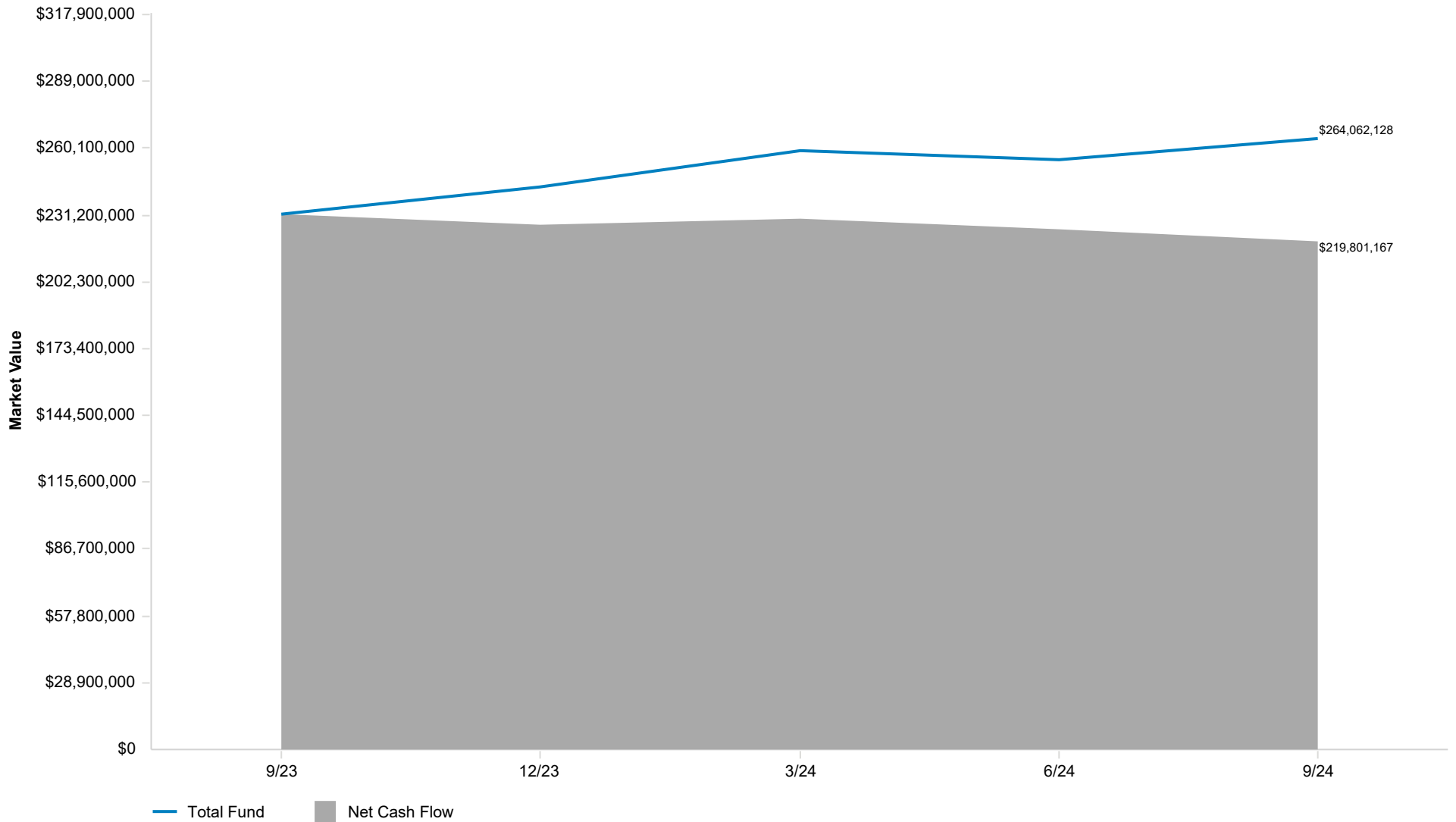


Asset Allocation Compliance

	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Min. Rebal. (\$000)	Target Rebal. (\$000)	Max. Rebal. (\$000)
Total Fund	264,062,128	100.0	-	100.0	-	-	-	-
Total Domestic Equity	129,722,740	49.1	33.5	44.5	55.5	-41,261,927	-12,215,093	16,831,741
Total International Equity	63,381,658	24.0	16.0	22.0	28.0	-21,131,718	-5,287,990	10,555,737
Total Fixed Income	49,583,233	18.8	8.5	18.0	29.5	-27,137,952	-2,052,050	28,315,095
Total Real Estate	20,755,628	7.9	5.0	14.5	17.0	-7,552,521	17,533,381	24,134,934
Total Hedge Funds	-	0.0	0.0	0.0	10.0	-	-	26,406,213
Total Cash	618,868	0.2	0.0	1.0	5.0	-618,868	2,021,753	12,584,238

Schedule of Investable Assets
Monroe County Employees Retirement System
1 Year Ending September 30, 2024

Schedule of Investable Assets



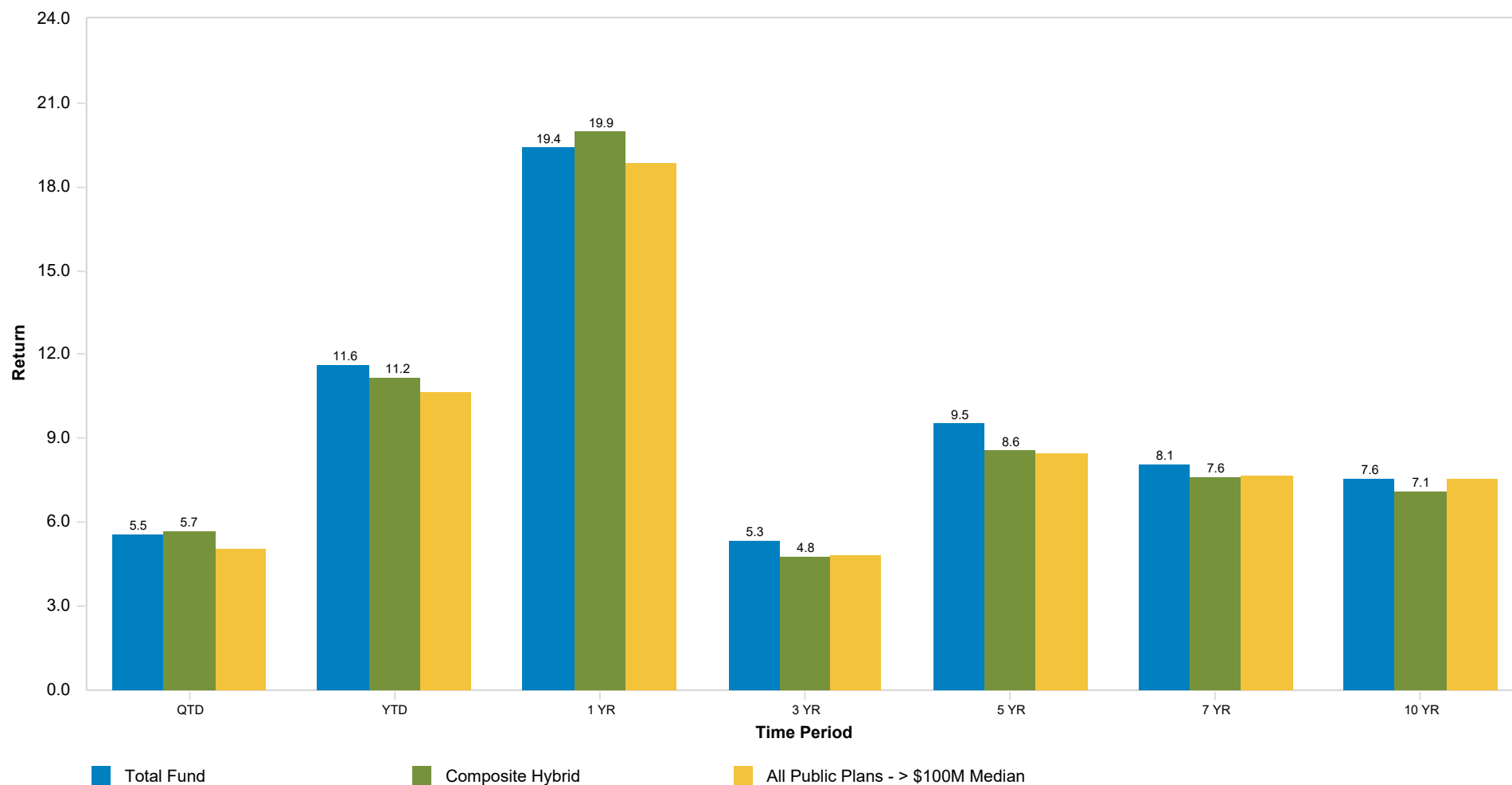
Schedule of Investable Assets

Periods Ending	Beginning Market Value \$	Net Cash Flow \$	Gain/Loss \$	Ending Market Value \$	%Return
1 YR	231,657,812	-11,856,644	44,260,960	264,062,128	19.41

Gain/Loss Summary

	QTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR
Total Fund							
Beginning Market Value	254,906,673	243,231,788	231,657,812	257,092,087	205,473,005	203,814,312	189,531,781
Net Contributions	-4,690,506	-6,519,160	-10,787,733	-27,889,242	-42,417,961	-56,705,240	-73,983,402
Gain/Loss	13,845,961	27,349,500	43,192,049	34,859,283	101,007,083	116,953,056	148,513,748
Ending Market Value	264,062,128	264,062,128	264,062,128	264,062,128	264,062,128	264,062,128	264,062,128

Comparative Performance



Monroe County Employees Retirement System
Monthly Asset Allocation and Performance Flash Report
As of September 30, 2024

	Allocation		Performance(%)									
	Market Value \$	%	MTH	QTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception	Inception Date
Total Fund	264,062,128	100.0	1.26	5.54	11.63	19.41	5.35	9.53	8.08	7.56	7.87	07/01/1990
Composite Hybrid			1.54	5.65	11.18	19.95	4.77	8.57	7.59	7.08	7.74	
Total Fund (Net of Fees)	264,062,128	100.0	1.24	5.48	11.35	19.05	4.98	9.14	7.67	7.05	7.66	07/01/1990
Composite Hybrid			1.54	5.65	11.18	19.95	4.77	8.57	7.59	7.08	7.74	
Total Domestic Equity	129,722,740	49.1	1.40	6.99	17.53	32.79	9.52	14.99	13.01	-	13.01	10/01/2017
Total Domestic Equity Policy			1.88	7.08	17.78	32.41	8.59	13.88	12.40	11.91	12.40	
Total International Equity	63,381,658	24.0	2.02	6.90	12.26	23.45	3.43	8.02	4.65	-	4.65	10/01/2017
Total International Equity Policy			3.23	7.90	14.70	25.47	3.58	7.39	5.19	5.17	5.19	
Total Domestic Fixed Income	42,233,701	16.0	1.16	4.09	5.73	10.53	0.97	2.05	2.66	-	2.66	10/01/2017
Total Domestic Fixed Income Policy			1.08	4.17	4.68	9.45	0.17	1.26	1.89	1.96	1.89	
Total Private Fixed Income	7,349,531	2.8										
Total Real Estate	20,755,628	7.9	-1.06	-1.06	-5.61	-21.24	-5.24	0.71	3.08	-	3.08	10/01/2017
Total Real Estate Policy			0.03	0.03	-3.19	-8.03	-1.04	2.05	3.21	5.16	3.21	
Total Cash	618,868	0.2										

Monroe County Employees Retirement System
Monthly Asset Allocation and Performance Flash Report
As of September 30, 2024

	Allocation		Performance(%)									
	Market Value \$	%	MTH	QTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception	Inception Date
Domestic Equity												
Fidelity 500 Index (FXAIX) S&P 500 Index	21,364,763	8.1	2.13 2.14	5.88 5.89	22.06 22.08	36.33 36.35	11.90 11.91	- 15.98	- 14.50	- 13.38	13.81 13.82	01/01/2021
Seizert Large Value Russell 1000 Value Index	28,913,079	10.9	0.95 1.39	9.22 9.43	15.22 16.68	27.40 27.76	10.36 9.03	16.71 10.69	13.61 9.53	12.38 9.23	12.18 8.93	09/01/2014
Winslow Large Cap Growth Russell 1000 Growth Index	29,228,900	11.1	2.77 2.83	2.33 3.19	25.38 24.55	48.45 42.19	10.22 12.02	- 19.74	- 18.20	- 16.52	14.24 15.67	10/01/2020
Clarkston Capital Russell 2500 Index	10,557,235	4.0	1.19 1.49	6.38 8.75	4.70 11.30	13.57 26.17	4.79 3.47	9.38 10.43	8.65 9.02	- 9.50	8.96 9.38	04/01/2017
Seizert Mid Cap Russell Midcap Index	14,230,923	5.4	-0.22 2.23	10.47 9.21	16.85 14.63	27.37 29.33	6.51 5.75	11.02 11.30	- 10.48	- 10.19	10.29 10.54	05/01/2019
Seizert Small Value Russell 2000 Value Index	6,897,204	2.6	1.18 0.06	11.34 10.15	14.86 9.22	30.66 25.88	13.65 3.77	15.96 9.29	- 6.60	- 8.22	14.35 7.96	05/01/2019
Fidelity Extended Mkt Index (FSMAX) S&P Completion Index	10,204,355	3.9	1.54 1.54	8.10 8.07	11.68 11.61	28.59 28.25	1.23 1.04	- 10.62	- 9.15	- 9.50	3.99 3.83	01/01/2021
Reinhart Genesis PMV Russell 2500 Index	8,326,281	3.2	-0.58 1.49	9.69 8.75	16.69 11.30	35.03 26.17	- 3.47	- 10.43	- 9.02	- 9.50	15.60 5.11	04/01/2022
Total International Equity												
Vanguard Developed Markets Idx (VTMNX) Vanguard Spliced Developed ex U.S. Index (Net)	47,229,856	17.9	0.99 1.20	7.49 7.56	12.17 12.21	24.71 24.36	4.84 4.65	8.30 8.30	- 5.97	- 5.90	8.81 8.78	09/01/2019
ABS EM Strategic MSCI Emerging Markets IMI (Net)	16,151,803	6.1	5.16 6.23	5.23 8.24	12.55 16.26	19.93 25.59	-0.98 1.01	6.94 6.52	- 4.07	- 4.25	6.99 6.38	06/01/2019
Total Domestic Fixed Income												
Boyd Watterson Asset MGMT Bloomberg Intermediate US Govt/Credit Idx	42,233,701	16.0	1.16 1.08	4.09 4.17	5.73 4.68	10.53 9.45	0.97 0.17	2.05 1.26	2.64 1.89	2.60 1.96	5.08 4.80	07/01/1990
Total Private Fixed Income												
Raven Asset-Based Credit Fund I	5,325,086	2.0										
Monroe Capital Private Credit V LP	2,024,445	0.8										

Monroe County Employees Retirement System
Monthly Asset Allocation and Performance Flash Report
As of September 30, 2024

	Allocation		Performance(%)									
	Market Value \$	%	MTH	QTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception	Inception Date
Total Real Estate												
Intercontinental Real Estate	7,184,643	2.7	-0.99	-0.99	-4.77	-11.09	-1.75	2.43	4.49	6.82	7.06	01/01/2014
NCREIF Fund Index-ODCE (VW) (Net)			0.03	0.03	-3.19	-8.03	-1.04	2.05	3.21	5.16	5.56	
Boyd Watterson GSA Fund	4,779,554	1.8	-3.07	-3.07	-5.22	-7.01	0.02	3.20	5.13	6.60	6.51	01/01/2014
NCREIF Office Total Return			-	-1.07	-7.07	-12.09	-9.06	-4.11	-1.14	1.72	2.34	
Alidade Capital GP IV	3,831,850	1.5										
TerraCap Partners IV	1,580,181	0.6										
TerraCap Partners V	3,379,400	1.3										
Total Cash												
Total Cash	618,868	0.2										

Comparative Performance - IRR

As of September 30, 2024

Comparative Performance - IRR									
	QTD	YTD	FYTD	1 YR	2 YR	3 YR	5 YR	Inception	Inception Date
Real Estate									
Alidade Capital GP IV	0.00	4.39	4.39	2.95	-1.55	4.17	10.06	7.73	07/20/2018
TerraCap Partners IV	0.00	-24.43	-24.43	-63.88	-40.42	-24.98	-9.38	-3.64	07/17/2018
TerraCap Partners V	0.00	-7.91	-7.91	-34.95	-17.98	N/A	N/A	-9.64	11/09/2021
Private Debt									
Raven Asset-Based Credit Fund I	0.00	5.45	5.45	7.76	8.21	8.40	10.46	10.47	09/12/2019
Monroe Capital Private Credit V LP	0.00	5.48	5.48	N/A	N/A	N/A	N/A	4.83	12/11/2023

Financial Reconciliation
Monroe County Employees Retirement System
Year To Date Ending September 30, 2024

Financial Reconciliation Year to Date								
	Market Value 01/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Income	Apprec./ Deprec.	Market Value 09/30/2024
Total Fund	243,231,788	-	9,856,010	-16,375,170	-640,364	3,489,194	24,791,914	264,062,128
Total Equity	173,009,560	-6,184,626	53,015	-	-483,240	1,766,941	24,951,175	193,104,399
Total Domestic Equity	116,551,837	-6,184,626	53,015	-	-483,240	979,190	18,814,989	129,722,740
Seizert Large Value	25,807,883	-564,564	-	-	-177,826	378,521	3,471,490	28,913,079
Winslow Large Cap Growth	24,573,117	-1,300,000	-	-	-124,508	95,270	5,987,162	29,228,900
Clarkston Capital	10,144,942	-	-	-	-61,367	119,172	355,849	10,557,235
Seizert Mid Cap	12,787,504	-582,421	-	-	-54,021	111,464	1,969,633	14,230,923
Seizert Small Value	6,778,787	-853,015	53,015	-	-19,344	66,677	871,649	6,897,204
Fidelity Extended Mkt Index (FSMAX)	9,136,866	-	-	-	-	-	1,067,489	10,204,355
Fidelity 500 Index (FXAIX)	19,124,597	-1,800,000	-	-	-	130,214	3,909,952	21,364,763
Reinhart Genesis PMV	8,198,141	-1,084,626	-	-	-46,174	77,872	1,181,765	8,326,281
Total International Equity	56,457,722	-	-	-	-	787,750	6,136,186	63,381,658
Developed Markets International Equity	42,106,799	-	-	-	-	787,750	4,335,306	47,229,856
Vanguard Developed Markets Idx (VTMNX)	42,106,799	-	-	-	-	787,750	4,335,306	47,229,856
Emerging Markets International Equity	14,350,923	-	-	-	-	-	1,800,879	16,151,803
ABS EM Strategic	14,350,923	-	-	-	-	-	1,800,879	16,151,803

Financial Reconciliation
Monroe County Employees Retirement System
Year To Date Ending September 30, 2024

	Market Value 01/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Income	Apprec./ Deprec.	Market Value 09/30/2024
Total Fixed Income	45,556,317	1,472,338	-	-	-63,670	1,263,726	1,357,676	49,583,233
Total Domestic Fixed Income	40,008,440	-	-	-	-63,670	1,263,726	1,028,360	42,233,701
Boyd Watterson Asset MGMT	40,008,440	-	-	-	-63,670	1,263,726	1,028,360	42,233,701
Total Private Fixed Income	5,547,877	1,472,338	-	-	-	-	329,316	7,349,531
Raven Asset-Based Credit Fund I	4,559,343	521,675	-	-	-	-	244,068	5,325,086
Monroe Capital Private Credit V LP	988,534	950,663	-	-	-	-	85,248	2,024,445
Total Alternatives	22,912,484	-797,943	-	-	-93,455	252,571	-1,518,031	20,755,628
Total Real Estate	22,912,484	-797,943	-	-	-93,455	252,571	-1,518,031	20,755,628
Intercontinental Real Estate	7,847,196	-246,213	-	-	-46,633	42,288	-411,996	7,184,643
Boyd Watterson GSA Fund	5,312,585	-218,916	-	-	-46,822	210,283	-477,577	4,779,554
Alidade Capital GP IV	3,992,091	-332,814	-	-	-	-	172,573	3,831,850
TerraCap Partners IV	2,091,111	-	-	-	-	-	-510,930	1,580,181
TerraCap Partners V	3,669,501	-	-	-	-	-	-290,101	3,379,400
Total Cash	1,753,427	5,510,231	9,802,995	-16,375,170	-	205,957	1,093	618,868

**Historical Hybrid Composition
Composite Hybrid**

As of September 30, 2024

Total Fund Policy					
Allocation Mandate		Weight (%)	Allocation Mandate		Weight (%)
Jan-1973			Mar-2019		
S&P 500 Index		55.00	S&P 500 Index		25.50
Bloomberg Intermediate US Govt/Credit Idx		40.00	Russell 2500 Index		17.00
90 Day U.S. Treasury Bill		5.00	MSCI EAFE (Net) Index		15.00
Apr-1999			MSCI Emerging Markets (Net) Index		7.50
S&P 500 Index		50.00	Bloomberg Intermediate US Govt/Credit Idx		14.00
Bloomberg Intermediate US Govt/Credit Idx		45.00	NCREIF Fund Index-ODCE (VW) (Net)		12.00
90 Day U.S. Treasury Bill		5.00	HFRI Fund of Funds Composite Index		5.00
Jan-2014			FTSE World Government Bond Index		3.00
S&P 500 Index		25.00	Alerian MLP Index		0.00
Bloomberg Intermediate US Govt/Credit Idx		22.00	90 Day U.S. Treasury Bill		1.00
90 Day U.S. Treasury Bill		1.00	Jan-2022		
Russell 2500 Index		9.00	S&P 500 Index		26.50
MSCI EAFE (Net) Index		19.00	Russell 2500 Index		18.00
MSCI Emerging Markets (Net) Index		5.00	MSCI EAFE (Net) Index		17.00
NCREIF Fund Index-ODCE (VW) (Net)		2.00	MSCI Emerging Markets (Net) Index		5.00
HFRI Fund of Funds Composite Index		3.00	Bloomberg Intermediate US Govt/Credit Idx		15.50
FTSE World Government Bond Index		14.00	NCREIF Fund Index-ODCE (VW) (Net)		14.50
Nov-2017			FTSE World Government Bond Index		2.50
S&P 500 Index		25.50	90 Day U.S. Treasury Bill		1.00
Russell 2500 Index		14.00			
MSCI EAFE (Net) Index		15.00			
MSCI Emerging Markets (Net) Index		7.50			
Bloomberg Intermediate US Govt/Credit Idx		14.00			
NCREIF Fund Index-ODCE (VW) (Net)		12.00			
HFRI Fund of Funds Composite Index		5.00			
FTSE World Government Bond Index		3.00			
Alerian MLP Index		3.00			
90 Day U.S. Treasury Bill		1.00			

Historical market value and performance data through September 2017 was provided by Morgan Stanley.

Market values, performance and cash flow information beginning October 2017 to date was prepared by AndCo from statements provided by Comerica Bank and the investment managers.

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

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

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