

# **Quarterly Performance Report**

Kansas City Police Employees' Retirement System

June 30, 2025

## **Table Of Contents**

1	Capital Markets Review	Page 3
2	Total Fund	Page 1
3	Civilian Plan	Page 3
4	Investment Manager Profiles	Page 6
5	Addendum & Glossarv	Page 8



# **Capital Markets Review**

Capital Markets Review As of June 30, 2025

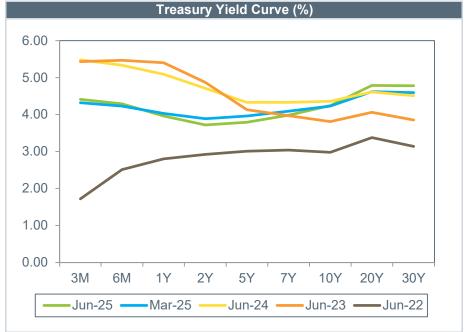
### **Second Quarter Economic Environment**

The US tariff policy negotiations were front and center for investors throughout Q2. On April 2nd, the unexpected breadth and scale of the announced tariffs triggered a sharp drop in equity markets and contributed to significant dislocations in the US Treasury market. A 90-day tariff pause was declared on April 9th, reducing tariffs for most countries to the previously established 10% rate. This, along with subsequent progression in trade deals, contributed to a rebound in risk assets that continued through the latter half of the quarter. Global equity markets finished Q2 with returns of 11.6%, as measured by the MSCI All Country World Investable Market Index. Non-US developed and emerging market regional returns outpaced the US equity market with contributions from a weakening US Dollar and economic stimulus within major countries. Global bond markets, amid the volatility in Q2, delivered positive performance during the quarter, as inflationary pressures have remained subdued despite initial concerns that tariffs would cause a significant one-time shock. However, the Organisation for Economic Cooperation and Development (OECD) projected headline inflation for OECD countries of 4.2% in 2025, up from forecasts of 3.7% released in December 2024. The US Federal Open Market Committee (FOMC) maintained its policy rate range. At present, the FOMC forecasts indicate a continued expectation for rate reductions totaling 50 basis points in 2025.

			Key Economic Inc	dicators	
10	3 <sub>]</sub>	30 7	140	70 7	160 ]
14	4 -	25 - 20 -	120 -	60	140 -
1:	2 -	15 -	100 -	50 -	120 -
10		10 -		40 -	100 -
	8 -	5 -	80 -	30 -	80 -
	6 -	-5 -	60 -	20 -	60 -
	2 -	-10 - -15 -	40 -	10	40 -
	5	-20	20	0	20
	employmen Rate (%) Since 1948	t CPI Year-o Year (% cha Since 19	ange) (% of GDP)	VIX Index (Volatility) Since 1990	

Economic Indicators	Jun-25		Mar-25	Jun-24	Jun-22	20 Yr
Federal Funds Rate (%)	4.33	_	4.33	5.33	1.58	1.72
Breakeven Infl 5 Yr (%)	2.31	$\blacksquare$	2.63	2.24	2.62	1.92
Breakeven Infl 10 Yr (%)	2.28	$\blacksquare$	2.37	2.27	2.34	2.08
CPI YoY (Headline) (%)	2.7		2.4	3.0	9.1	2.6
Unemployment Rate (%)	4.1	$\blacksquare$	4.2	4.1	3.6	5.8
Real GDP YoY (%)	N/A		2.0	3.0	1.9	1.9
PMI - Manufacturing	49.0	_	49.0	48.5	53.0	52.8
USD Total Wtd ldx	119.83	$\blacksquare$	126.94	124.52	121.05	104.92
WTI Crude Oil per Barrel (\$)	65.1	$\blacksquare$	71.5	81.5	105.8	72.3
Gold Spot per Oz (\$)	3,303	<b>A</b>	3,118	2,337	1,807	1,400

Gold Spot per OZ (\$)	3,303	3,110	2,337	1,007	1,400
Market Performance (%)	QTD	CYTD	1 Yr	5 Yr	10 Yr
S&P 500 (Cap Wtd)	10.94	6.20	15.16	16.64	13.65
Russell 2000	8.50	-1.79	7.68	10.04	7.12
MSCI EAFE (Net)	11.78	19.45	17.73	11.16	6.51
MSCI EAFE SC (Net)	16.59	20.89	22.46	9.28	6.51
MSCI Emg Mkts (Net)	11.99	15.27	15.29	6.81	4.81
Bloomberg US Agg Bond	1.21	4.02	6.08	-0.73	1.76
ICE BofA 3 Mo US T-Bill	1.04	2.07	4.68	2.76	1.97
NCREIF ODCE (Gross)	1.03	2.10	3.54	3.43	5.35
FTSE NAREIT Eq REIT (TR)	-1.16	-0.25	8.60	8.63	6.32
HFRI FOF Comp	3.33	2.93	7.15	6.19	3.81
Bloomberg Cmdty (TR)	-3.08	5.53	5.77	12.68	1.99





US Equity Review As of June 30, 2025

### **Second Quarter Review**

#### **Broad Market**

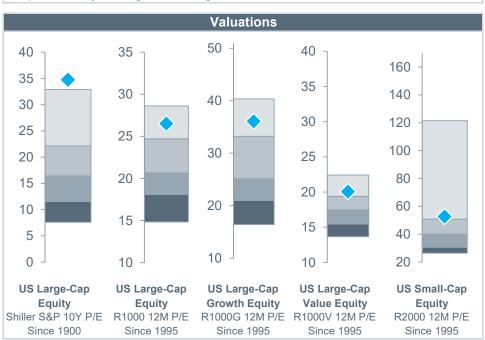
The US tariff policy announcement caused a significant market drawdown to start Q2. However, following the initial tariff pause and other positive developments, market volatility waned and market returns rebounded with the Russell 3000 Index returning 11.0% in Q2.

### **Market Cap**

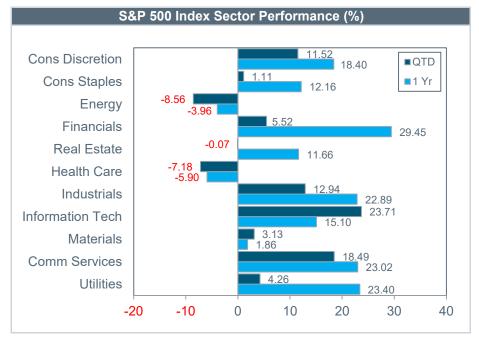
Growth stocks outperformed value stocks with the Russell 3000 Growth Index returning 17.6% while the Russell 3000 Value Index was more muted at 3.8%. Large-cap outperformed small-cap as measured by the Russell 1000 and Russell 2000 returning 11.1% and 8.5%, respectively. The primary contributor to the performance of the Russell 3000 Index was the recovery of the information technology sector which returned 23.7% in Q2.

### **Style and Sector**

Active value managers across the cap spectrum tended to have an easier time outperforming their benchmark than active growth managers. As in past quarters characterized by strong mega-cap growth performance, the strong absolute performance and concentration of growth indexes again played a role in the difficulty experienced by active growth managers.







Valuation data courtesy of Bloomberg Professional Service and Robert J. Shiller, Irrational Exuberance, Second Edition. P/E metrics shown represent the 5th through 95th percentiles to minimize the effect of outliers.



Non-US Equity Review
As of June 30, 2025

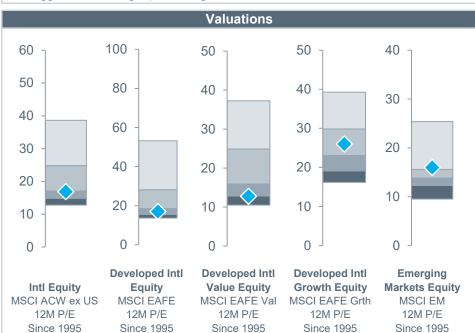
### Second Quarter Review

### **Developed Markets**

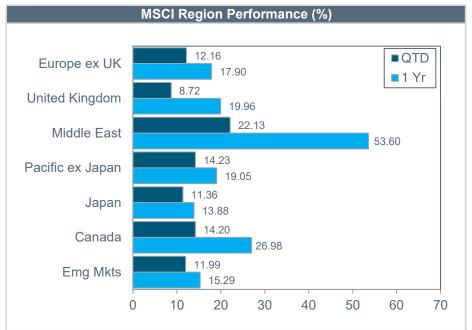
Developed international markets delivered double digit returns that slightly outpaced their US counterparts in Q2, with the MSCI EAFE Index posting an 11.8% return during the quarter. This was driven, in part, by a weakening US Dollar and stimulus measures from foreign governments. Growth stocks outperformed value stocks in Q2, but remain significantly behind on a year-to-date basis. Small-cap stocks outperformed large-cap stocks during the quarter. All countries in the space posted positive returns for the quarter, while energy was the only sector with a negative return.

### **Emerging Markets**

Emerging markets also experienced double digit returns in Q2, with the MSCI Emerging Markets Index returning 12.0% during the quarter. Growth stocks in emerging markets outpaced value stocks in Q2 with the group now outpacing their value counterparts for the year-to-date period. Small-cap stocks outperformed large-cap stocks during the quarter. Among the largest countries in the region, the top performers were South Korea and Taiwan, which benefited from renewed positive sentiment around companies contributing to AI development, and India, which rebounded from a more difficult Q1. China delivered positive market returns for Q2, but lagged other stronger performing countries.









P/E metrics shown represent the 5th through 95th percentiles to minimize the effect of outliers.

All returns are shown net of foreign taxes on dividends.



Fixed Income Review
As of June 30, 2025

### Second Quarter Review

#### **Broad Market**

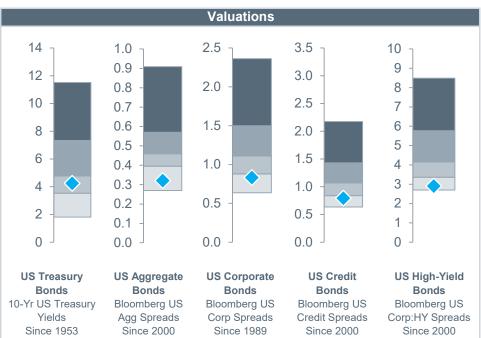
In Q2, the US yield curve steepened as short-term Treasury yields declined while long-term yields rose. The spread between 2-year and 10-year Treasuries widened by 18 basis points. The 10-year Treasury yield ended the quarter at 4.24%, essentially flat with the prior quarter-end, after fluctuating between 4.00% and 4.60% amid market volatility. These market movements reflected investor reactions to proposed tariffs, tax policy uncertainty and increased concerns over fiscal deficit, and tensions in the Middle East. The FOMC held its policy rate steady at 4.25%–4.50%, signaling a patient approach as it monitors the key economic data points and evolving policy dynamics. The Bloomberg US Aggregate Bond Index returned 1.2%.

#### **Credit Market**

Risk sentiment improved during the quarter, fueling a strong rally in credit markets. The Bloomberg US Corporate Investment Grade Index gained 1.8%, while the Bloomberg US Corporate High Yield Index surged 3.5%.

### **Emerging Market Debt**

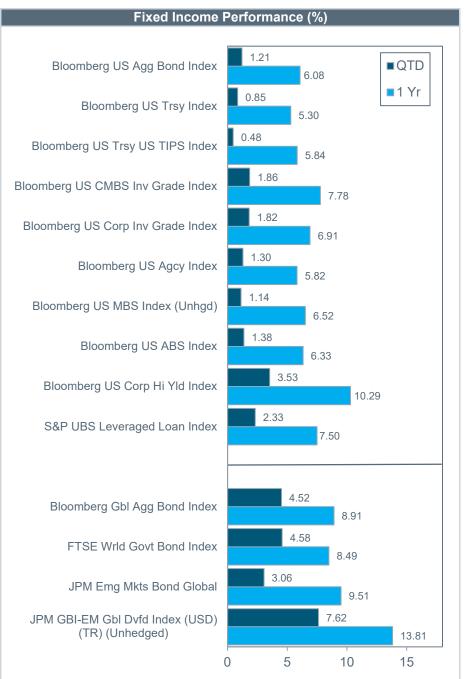
Emerging market debt also saw strong performance, helped by a weaker US dollar. Local currency bonds outpaced hard currency issues: the JPMorgan GBI-EM Global Diversified Index rose 7.6%, versus a 3.3% gain for the JPMorgan EMBI Global Diversified Index.





Valuation data courtesy of bloomberg i folessional service.

Valuations shown represent the 5th through 95th percentiles to minimize the effect of outliers.





Alternatives Review As of June 30, 2025

### **Second Quarter Review - Absolute Return**

### **General Market - Hedge Funds**

Hedge Fund returns were broadly positive in Q2 amid elevated macroeconomic uncertainty. Preliminary performance suggests that the HFRI Asset Weighted Composite Index finished the quarter with a 2.0% return, bringing its year-to-date return to 2.5%. Equity oriented managers were top performers. Alpha generation was strong, particularly on the long side, as global equities recovered sharply from their April lows and implied volatility declined from its April highs. Event Driven strategies were particularly strong in Q2 following a muted Q1. Macro strategies delivered mixed results with some properly positioned to capitalize on the volume of economic events. Diversified strategies remained consistently positive during Q2.

### **General Market - Global Tactical Asset Allocation (GTAA)**

Global Tactical Asset Allocation (GTAA) strategies that RVK follows closely generated positive performance in Q2 with some outperforming a US centric blend of 60% equity and 40% fixed income (60/40 blend). The top performing long-biased GTAA strategies benefited from allocations to developed international equities, particularly European stocks, as well as industrials and information technology sectors. Managers that trailed peers held higher exposures to long duration bonds and MLPs. Alternative Risk Premia strategies posted disparate returns.

#### HFRI Hedge Fund Performance (%) 3.33 HFRI FOF ■ QTD 7.15 0.82 Conv Arbitrage ■1 Yr 9.41 7.62 **Equity Hedge** 11.64 3.19 Mkt Neutral Eq 9.24 1.87 Distressed -1.41 -1.31 Macro 1.59 Relative Value 7.99 5.29 **Event Driven** 11.61 4.33 Merger Arb 10.30 2.02 Credit Arb 15 20 -5 0 5 10

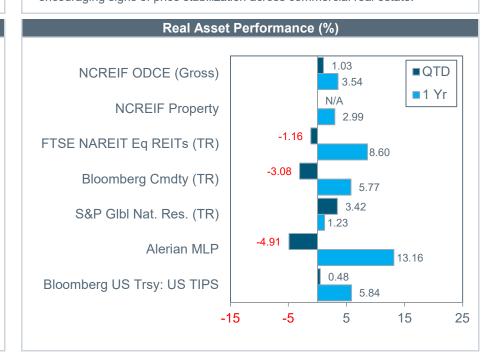
### **Second Quarter Review - Real Assets**

### **General Market - Diversified Inflation Strategies (DIS)**

Diversified Inflation Strategy (DIS) managers tracked closely by RVK reported positive performance for the quarter but underperformed a 60/40 blend. The top performing managers benefited from larger exposures to listed infrastructure and precious metals within commodities. Managers that lagged peers had higher exposure to energy and soft commodities as supply and production expanded. Allocations to REITs detracted as returns were negatively impacted by investor uncertainty around US policy shifts, elevated interest rates, and volatility from geopolitical conflicts.

#### **General Market - Real Estate**

Core private real estate generated a positive 1.0% total return in Q2 (on a preliminary and gross of fee basis), as reported by the NFI-ODCE Index, driven primarily from a 1.0% return from income with price appreciation being incrementally positive. Investors in publicly traded real estate underperformed their private market counterparts. Publicly traded real estate delivered a total return of -1.1%, as measured by FTSE/NAREIT All REITs Index, however it remains positive year-to-date with returns of 1.7%. There continues to be encouraging signs of price stabilization across commercial real estate.



NCREIF Property Index is shown N/A until available.



Annual Asset Class Performance As of June 30, 2025

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	YTD
Best	22.49	20.00	38.82	30.14	15.02	21.31	37.28	8.35	31.49	19.96	43.24	16.09	26.29	25.02	20.89
1	15.99	18.23	32.39	19.31	9.59	17.13	33.01	1.87	26.00	18.40	28.71	7.47	18.24	11.54	19.45
	13.56	18.06	29.30	13.69	3.20	11.96	25.03	0.01	25.53	18.31	27.11	1.46	16.93	9.15	15.27
	8.29	17.32	22.78	12.50	1.38	11.77	21.83	-1.26	24.96	16.12	22.17	-5.31	13.73	8.73	6.20
	7.84	16.35	13.94	5.97	0.55	11.19	14.65	-2.08	22.01	12.34	14.82	-11.19	13.45	8.19	5.53
	4.98	16.00	8.96	4.89	0.05	8.77	10.71	-4.02	19.59	10.99	11.26	-11.85	13.16	7.50	4.67
	2.11	15.81	7.44	3.64	-0.27	8.52	7.77	-4.38	18.42	10.88	10.10	-13.01	9.83	5.38	4.57
	0.10	10.94	2.47	3.37	-0.81	6.67	7.62	-4.62	14.32	7.82	6.17	-14.45	7.13	5.25	4.02
	-4.18	8.78	0.07	2.45	-1.44	4.68	7.50	-4.68	8.72	7.51	5.96	-18.11	6.07	3.82	3.38
	-5.72	6.98	-2.02	0.04	-3.30	2.65	5.23	-11.01	8.43	7.11	5.28	-20.09	5.53	1.84	2.93
		4.79	-2.60	-2.19	-4.41	2.18	3.54	-11.25	8.39	1.19	0.05	-20.44	5.02	1.82	2.10
	-13.32	4.21	-8.61		-4.47	1.00	3.01	-13.79	7.69	0.67	-1.55	-21.39	3.90	1.25	2.07
	-15.94	0.11	-8.83	-4.95	-14.92	0.51	1.70	-14.57	5.34	-3.12	-2.52	-24.34	-7.91	-1.43	-0.25
Worst	-18.42	-1.06	-9.52	-17.01	-24.66	0.33	0.86	-17.89	2.28	-8.00	-2.54	-27.09	-12.02	-4.15	-1.79
S&P 50 US Larg Cap	ge US Sr	mall (Net)		(Net) - (	MSCI EM Net) - Int'l Emg Mkts	Bloombrg US Agg Bond - Fl		Bloombro i US Trsy U TIPS - FI	S Crodit I	ov ODO	CE NAR	EIT Eq C	omp	Cmdty (TR)	ICE BofA 3 Mo T-Bill - Cash Equiv

NCREIF ODCE (Gross) performance is reported quarterly; performance is shown N/A in interim-quarter months.



# **Police Plan**

### Kansas City Police Employees' Retirement Systems (KCPERS) Investment Objective Review As of June 30, 2025

	Asset Allocation					
	Yes	No	Current	Min.	Target	Max.
Global Equity	✓		38.3%	33%	38%	43%
Fixed Income	✓		31.2%	26%	31%	36%
Direct Lending	✓		9.6%	7%	10%	13%
Real Estate	✓		10.8%	9%	13%	17%
Absolute Return	✓		9.1%	6%	8%	10%
Private Equity	Not N	/laterial	0.3%	0%	0%	0%
Cash Equivalent	✓		0.7%	0%	0%	5%
Total Fund	✓		100%	95%	100%	100%

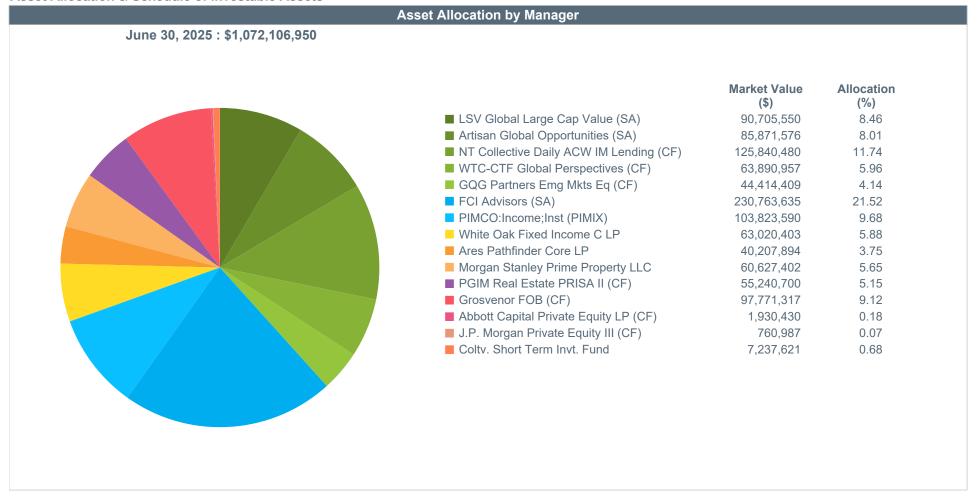
Investment Policy Guidelines	Plan Performance (Net)/Rank	Benchmark Performance	Yes	No	Comments
Performance (over full market cycle of 5 years)	, ,				
Total Fund					
Total fund composite rate of return exceeds the current Target Allocation Index (gross of fees) over 5 years.	7.20%	6.66%	1		
The total fund return is equal to or exceeds 6.75% annualized return (gross of fees) over 5 years.	7.20%	6.75%	4		
Global Equity					
The global equity composite rate of return exceeds the benchmark (net of fees).	11.97%	13.40%		1	
The global equity composite performed at the fortieth (40th) percentile or better.	46			1	
LSV Global Large Cap Value (SA)					
The manager return exceeds the benchmark (net of fees).	14.27%	14.55%		1	
The manager performed at the fortieth (40th) percentile or better.	35		1		
Artisan Global Opportunities (SA)					
The manager return exceeds the benchmark (net of fees).	9.07%	14.55%		1	
The manager performed at the fortieth (40th) percentile or better.	79			1	
NT Collective Daily ACW IM Lending (CF)					
The manager return exceeds the benchmark (net of fees).	13.54%	13.40%	1		
The manager performed at the fortieth (40th) percentile or better.	41			✓	
WTC-CTF Global Perspectives (CF)	4.4.4807	44.000/			
The manager return exceeds the benchmark (net of fees).	14.47%	11.33%	1		
The manager performed at the fortieth (40th) percentile or better.	39		V		
GQG Partners Emg Mkts Eq (CF)  The manager return exceeds the benchmark (net of fees).	N/A				Insufficient History
The manager return exceeds the benchmark (net of fees).  The manager performed at the fortieth (40th) percentile or better.					Insufficient History
Fixed Income	N/A				insufficient History
Fixed Illiconie					
The fixed income composite rate of return exceeds the benchmark (net of fees).	0.97%	-0.73%	1		
The fixed income composite performed at the fortieth (40th) percentile or better.	32		4		
FCI Advisors (SA)					
The manager return exceeds the benchmark (net of fees).	-0.71%	-0.83%	✓		
The manager performed at the fortieth (40th) percentile or better.	77			✓	
PIMCO:Income;Inst (PIMIX)	4.070/	0.700/			
The manager return exceeds the benchmark (net of fees).  The manager performed at the fortieth (40th) percentile or better.	4.37%	-0.73%	- /		
Direct Lending	11				
Direct Lending					
The direct lending composite rate of return exceeds the benchmark (net of fees).	4.57%	8.93%		1	
White Oak Fixed Income C LP					
The manager return exceeds the benchmark (net of fees).	4.54%	8.93%		1	
Ares Pathfinder Core LP	4.0470	0.0070			
The manager return exceeds the benchmark (net of fees).	N/A				Insufficient History
Real Estate					,
The real estate composite rate of return exceeds the benchmark (net of fees).	3.62%	2.54%	1		
Morgan Stanley Prime Property LLC					
The manager return exceeds the benchmark (net of fees).	4.65%	2.54%	1		
PGIM Real Estate PRISA II (CF)		2 = 40/			
The manager return exceeds the benchmark (net of fees).  Absolute Return	2.53%	2.54%		✓	
Absolute Return					
The absolute return composite rate of return exceeds the benchmark (net of fees).	8.05%	7.90%	1		
Grosvenor FOB (CF)	0.0				
The manager return exceeds the benchmark (net of fees).  Private Equity	8.05%	6.19%	✓		
The private equity composite rate of return exceeds the benchmark (net of fees).	Not M	aterial			

The Investment Policy Review for the Police Retirement System of Kansas City, Missouri examines client specific net returns, except for the Total Fund which examines client specific gross return. Managers that do not have 5 years of client specific net performance populate are backfilled with composite/manager gross performance until sufficient historical client-specific net performance is available. GQG Partners Emg Mkts Eq (CF) currently will not have 5 years of composite level returns. The two private equity managers are in their final stages of distributing capital; performance for these managers is not relevant.



As of June 30, 2025

### Asset Allocation & Schedule of Investable Assets



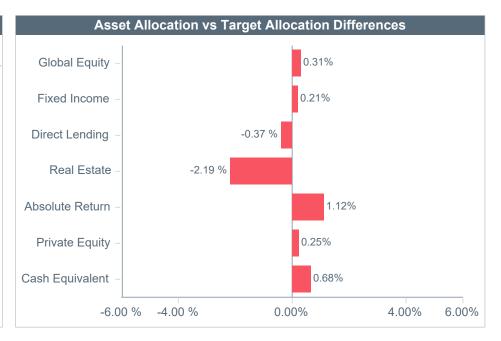
		Schedule of Inves	table Assets						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return				
QTD	1,027,569,238	-3,643,661	48,181,373	1,072,106,950	4.69				
CYTD	1,029,365,754	-11,877,369	54,618,565	1,072,106,950	5.36				
FYTD	1,029,867,957	-1,357,788	43,596,781	1,072,106,950	4.22				

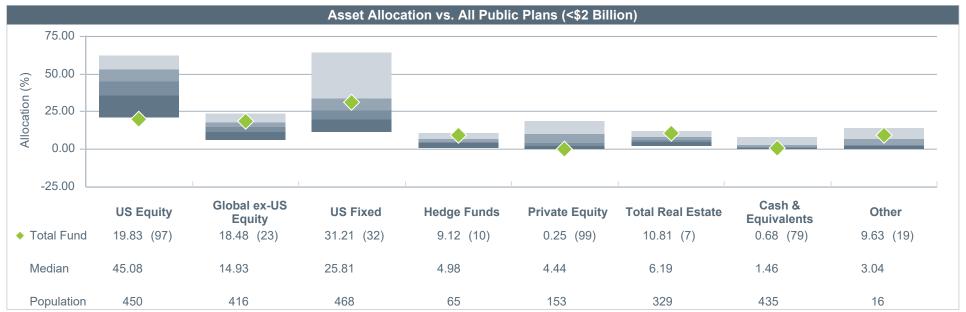
Allocations shown may not sum up to 100% exactly due to rounding. Performance shown is net of fees.



**Total Fund vs. All Public Plans (<\$2 Billion)** 

Asset Allocation vs. Target Allocation						
	Market Value (\$)	Allocation (%)	Target (%)	Minimum (%)	Maximum (%)	
Total Fund	1,072,106,950	100.00	100.00	-	-	
Global Equity	410,722,972	38.31	38.00	33.00	43.00	
Fixed Income	334,587,225	31.21	31.00	26.00	36.00	
Direct Lending	103,228,297	9.63	10.00	7.00	13.00	
Real Estate	115,868,102	10.81	13.00	9.00	17.00	
Absolute Return	97,771,317	9.12	8.00	6.00	10.00	
Private Equity	2,691,417	0.25	0.00	0.00	0.00	
Cash Equivalent	7,237,621	0.68	0.00	0.00	5.00	





Parentheses contain percentile ranks. Allocations may not sume up to 100% exactly due to rounding. The Board has elected not to make additional Private Equity commitments and as a result, the Private Equity allocation is winding down. 'Other' consists of the Direct Lending composite.



**Asset Allocation & Performance** 

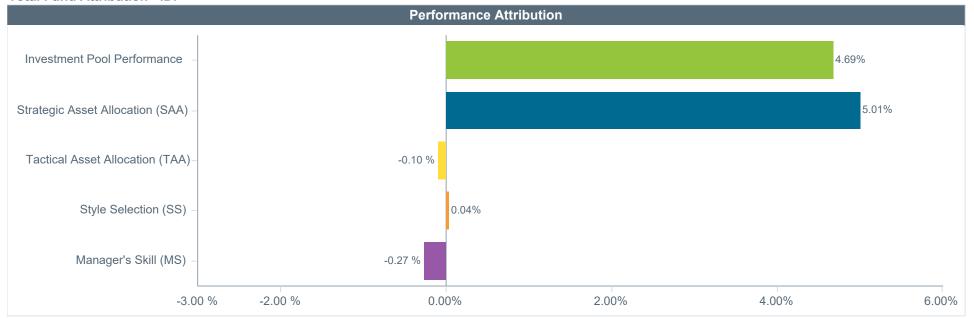
	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Total Fund (Gross)	1,072.11	4.28	4.79	5.59	9.34	7.83	7.20	6.58	6.66	7.85	9.86	-10.04	8.97	12/01/1974
All Public Plans (<\$2 Billion)		6.47	6.61	6.35	11.16	10.50	8.78	7.72	7.41	10.52	13.32	-13.25	-	
Rank		89	87	74	87	92	89	86	80	85	88	14	-	
Total Fund	1,072.11	4.22	4.69	5.36	8.80	7.28	6.64	6.03	6.12	7.29	9.26	-10.53	6.57	07/01/2013
Target Allocation Index		4.45	5.01	5.72	9.76	7.93	6.66	6.43	6.29	8.14	9.62	-9.11	6.58	
Difference		-0.23	-0.33	-0.36	-0.96	-0.65	-0.02	-0.40	-0.16	-0.85	-0.35	-1.41	-0.01	
6.75% Annualized Return		1.09	1.65	3.32	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	
Difference		3.13	3.04	2.04	2.05	0.53	-0.11	-0.72	-0.63	0.54	2.51	-17.28	-0.17	
Global Equity	\$410.72	9.26	9.97	8.50	11.62	14.93	11.97	9.38	9.27	12.51	20.44	-18.46	9.83	07/01/2013
MSCI ACW IM Index (USD) (Net)		10.58	11.62	9.82	15.89	16.80	13.40	10.28	9.69	16.37	21.58	-18.40	9.99	
Difference		-1.32	-1.64	-1.33	-4.27	-1.87	-1.43	-0.89	-0.42	-3.86	-1.14	-0.05	-0.16	
IM Global Large Cap Equity (MF) Median		11.00	12.65	11.17	14.28	17.04	11.74	10.31	9.93	14.52	21.22	-22.05	10.15	
Rank		71	74	68	66	68	46	75	69	65	58	34	63	
Fixed Income	\$334.59	1.35	1.68	4.64	7.26	4.46	0.97	2.98	2.98	2.80	7.03	-11.54	2.96	07/01/2013
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.98	
Difference		0.54	0.47	0.62	1.19	1.91	1.70	1.21	1.22	1.55	1.50	1.47	0.98	
IM Global Fixed Income (MF) Median		1.60	2.57	4.35	7.62	3.96	0.18	1.58	1.82	2.32	6.74	-14.66	1.55	
Rank		55	79	45	56	36	32	11	12	39	38	31	10	
Direct Lending	\$103.23	0.00	0.00	0.93	7.98	5.06	4.57	4.66	-	5.90	9.56	-2.75	4.99	04/01/2018
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	7.10	
Difference		0.00	0.00	-0.18	1.35	-5.63	-4.35	-2.51	-	-5.33	-5.74	-3.68	-2.11	
Real Estate	\$115.87	0.81	0.81	1.94	3.72	-4.71	3.62	3.76	5.59	-1.61	-9.53	6.00	7.07	07/01/2013
NCREIF ODCE Index (AWA) (Net)		0.81	0.81	1.67	2.67	-6.21	2.54	2.78	4.42	-2.27	-12.73	6.55	5.74	
Difference		0.00	0.00	0.27	1.05	1.50	1.09	0.99	1.16	0.65	3.20	-0.55	1.33	
Absolute Return	\$97.77	3.51	4.65	4.48	11.28	9.74	8.05	5.75	4.90	13.90	9.33	-6.52	4.75	08/01/2014
Absolute Return Custom Benchmark		2.56	2.52	2.65	6.62	5.84	6.11	4.82	4.17	7.25	4.80	-1.35	4.02	
Difference		0.95	2.13	1.82	4.66	3.90	1.93	0.93	0.73	6.64	4.53	-5.17	0.73	
Long Term Absolute Return Custom Benchmark		1.52	2.28	4.59	9.91	9.78	7.90	7.59	7.13	10.51	10.27	6.53	6.96	
Difference		1.99	2.37	-0.12	1.37	-0.04	0.15	-1.84	-2.23	3.38	-0.94	-13.05	-2.21	

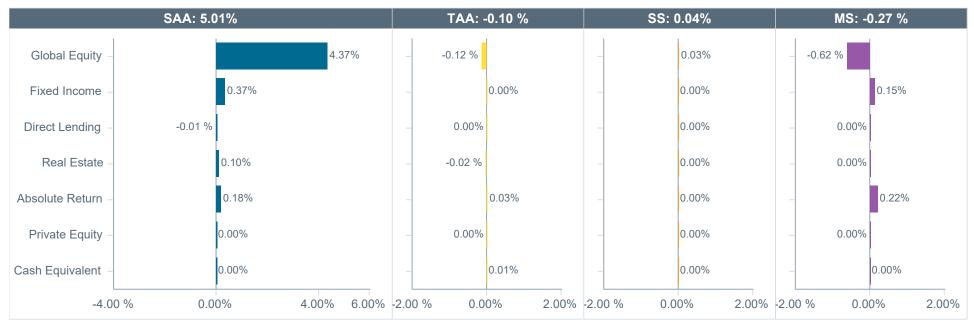
See addendum for custom index comments. 6.75% annualized return represents the System's long-term return goal based on the System's current actuarial assumed rate of return.

Performance shown is net of fees, unless otherwise noted. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. Direct Lending performance is currently unavailable.



**Total Fund Attribution - IDP** 

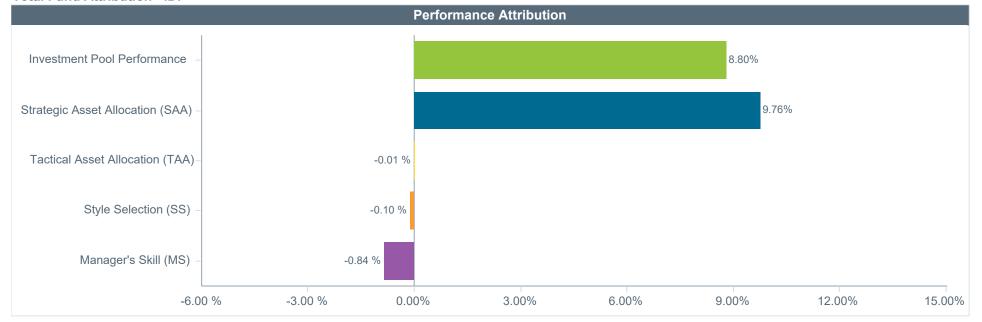


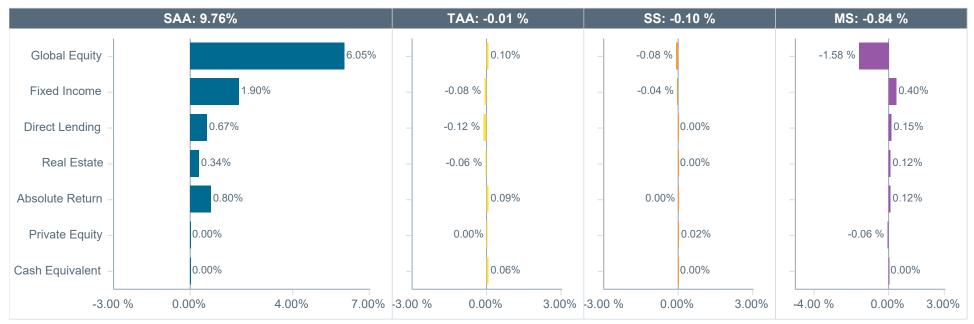


Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.



**Total Fund Attribution - IDP** 

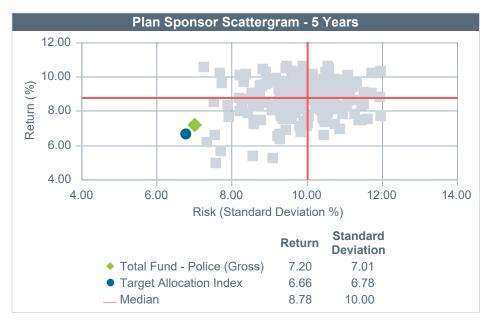




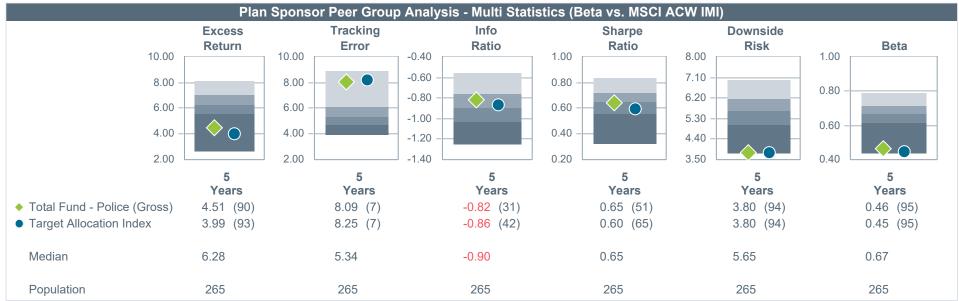
Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.



Total Fund - Police (Gross) vs. All Public Plans (<\$2 Billion)



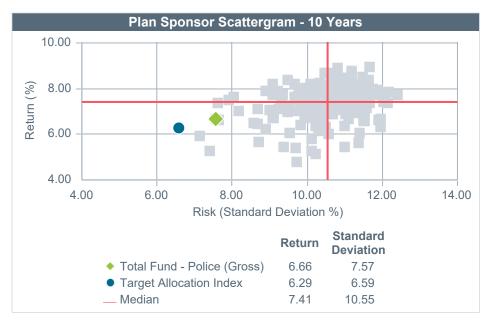


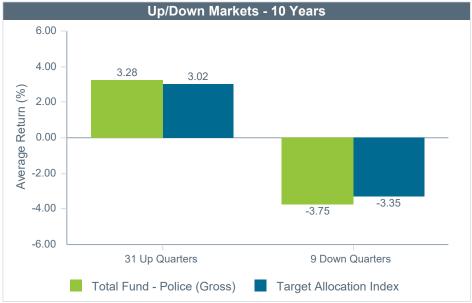


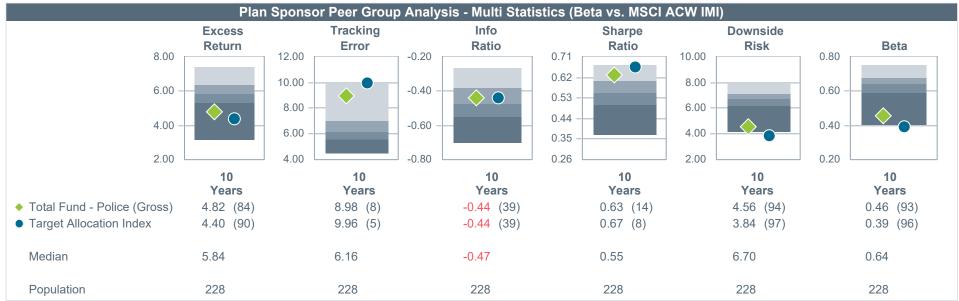
Performance shown is gross of fees. Calculation is based on quarterly periodicity. Parentheses contain percentile ranks.



Total Fund - Police (Gross) vs. All Public Plans (<\$2 Billion)



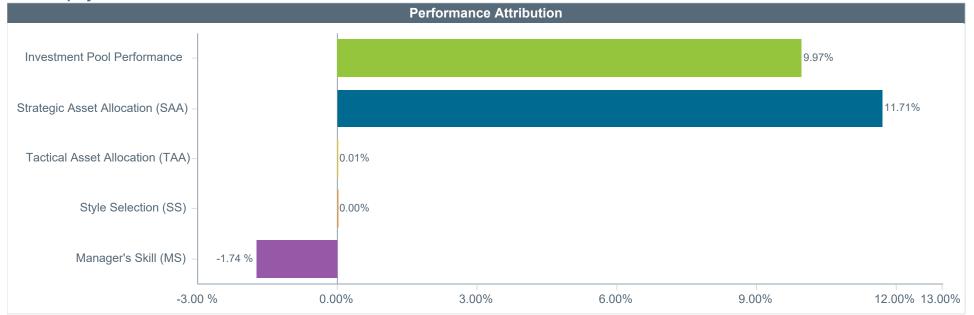


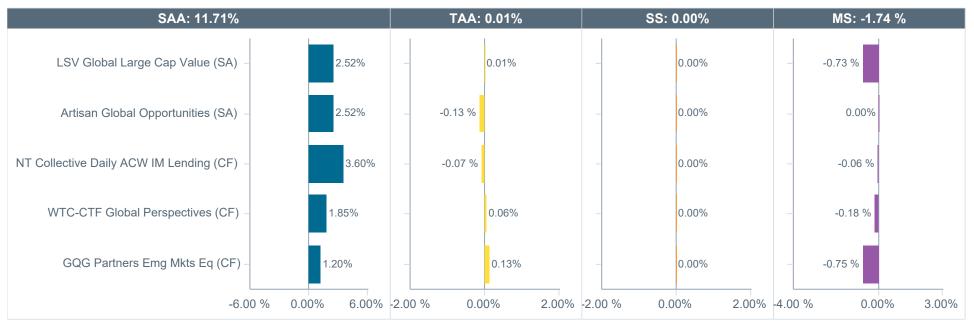


Performance shown is gross of fees. Calculation is based on quarterly periodicity. Parentheses contain percentile ranks.



**Global Equity Attribution - IDP** 

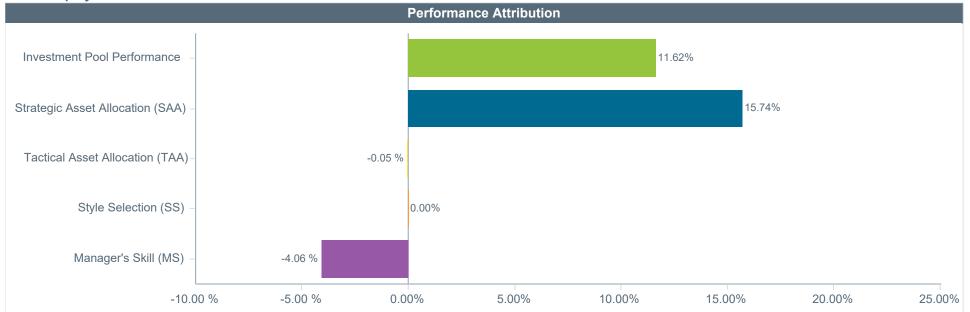


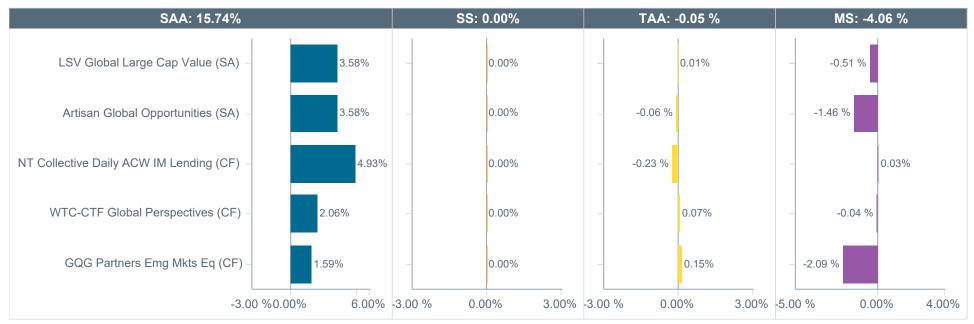


Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.



**Global Equity Attribution - IDP** 





Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.



Global Equity vs. IM Global Large Cap Core Equity (SA + CF)







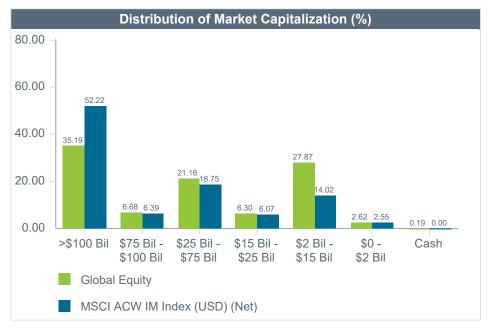
Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

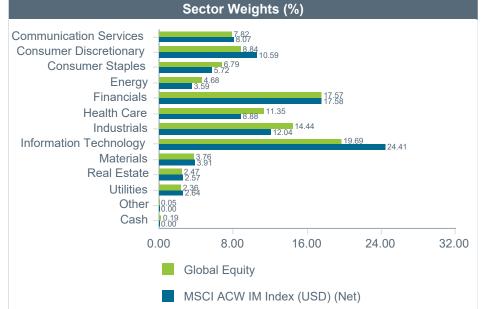


## Kansas City Police Employees' Retirement Systems Global Equity vs. MSCI ACW IM Index (USD) (Net) Portfolio Characteristics

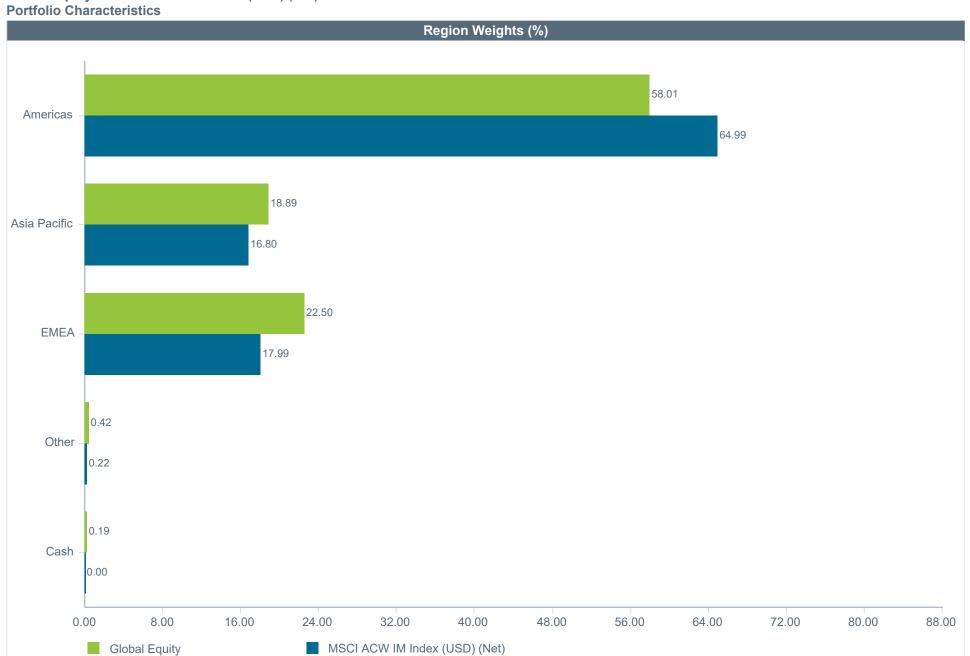
Top Ten Equity Holdings					
	Portfolio Weight (%)	Benchmark Weight (%)	Active Weight (%)	Quarterly Return (%)	
Netflix Inc	1.51	0.61	0.90	43.60	
Amazon.com Inc	1.47	2.22	-0.75	15.31	
NVIDIA Corporation	1.25	4.09	-2.84	45.78	
Apple Inc	1.22	3.27	-2.05	-7.52	
Taiwan Semiconductor Mfg	1.16	0.95	0.21	32.97	
Microsoft Corp	1.14	3.72	-2.58	32.75	
Boston Scientific Corp	1.05	0.17	0.88	6.47	
Tencent Holdings LTD	0.95	0.44	0.51	1.20	
Oracle Corp	0.90	0.39	0.51	56.96	
London Stock Exchange Group PLC	0.86	0.07	0.79	-0.70	
% of Portfolio	11.51	15.93	-4.42		

	Portfolio	Benchmark
Vtd. Avg. Mkt. Cap (\$M)	300,582	661,264
Median Mkt. Cap (\$M)	2,783	2,777
Price/Earnings Ratio	19.41	21.70
Price/Book Ratio	3.16	3.76
5 Yr. EPS Growth Rate (%)	17.53	20.50
Current Yield (%)	2.13	1.88
Beta (5 Years, Monthly)	0.98	1.00
Number of Securities	8,455	8,274



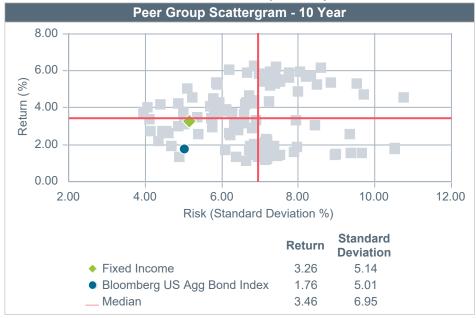


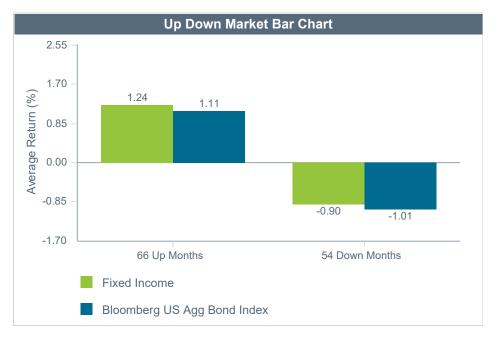






Fixed Income vs. IM Global Fixed Income (SA + CF)





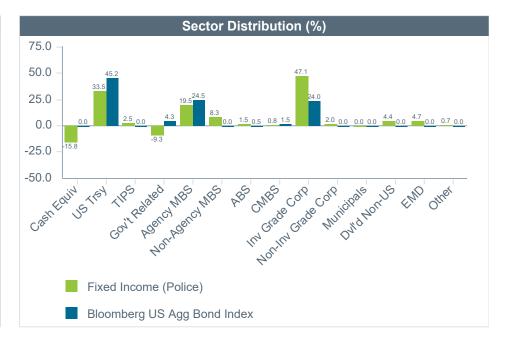


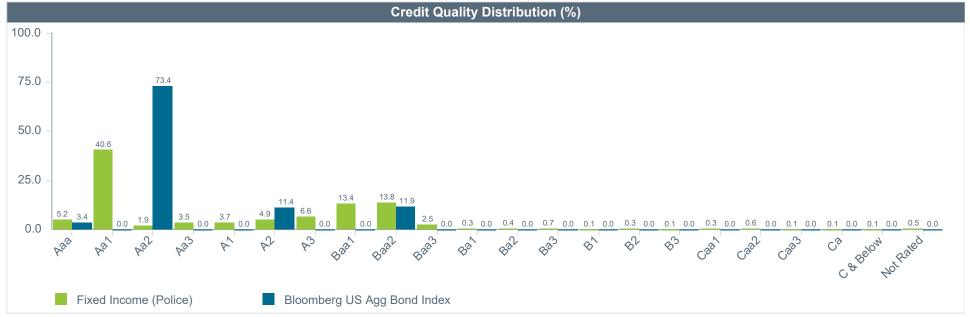
Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.



### Kansas City Police Employees' Retirement Systems Fixed Income (Police) vs. Bloomberg US Agg Bond Index Portfolio Characteristics

	Portfolio Characteristics							
	Portfolio	Benchmark						
Effective Duration	5.85	6.06						
Avg. Maturity	8.15	8.33						
Avg. Quality	A2	Aa2/Aa3						
Coupon Rate (%)	3.88	3.56						
Yield To Maturity (%)	4.74	4.51						
Holdings Count	9,743	13,874						





Allocation to "Other" consists of Convertible Bonds, Preferred Stock, and Euro/Yankee Bonds. PIMCO:Income;Inst (PIMIX) effective duration is used as modified duration.



**Asset Allocation & Performance - Gross of Fees** 

Second Equatry   Seco		Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
MSCI Wirld Index (USD) (Net)  10.49 11.47 9.47 16.26 18.31 14.55 11.61 10.66 18.67 23.79 -18.14 10.00  Difference  1-14 3.31 0.79 1-1.66 3.87 13.47 13	Global Equity														
Difference   -1.14   -3.11   0.79   -1.66   -3.67   0.43   -2.19   -1.78   -8.11   -7.22   10.01   -1.56     MSCI Whid Val Index (USD) (Net)   6.84   5.38   10.45   5.94   13.47	LSV Global Large Cap Value (SA)	\$90.71	9.35	8.36	10.26	14.59	14.64	14.98	9.42	8.87	10.56	16.57		8.44	05/01/2014
MSCI Wrid Val Index (USD) (Net)	, , , ,														
Difference   2.51   2.98   -0.19   -1.34   1.17   1.51   1.20   1.18   -0.90   5.06   -1.61   1.55	Difference		-1.14	-3.11	0.79	-1.66		0.43	-2.19	-1.78	-8.11	-7.22			
M Global Large Cap Value Equity (SA+CF) Median   8.32   8.44   12.32   16.13   15.42   14.01   9.85   9.10   10.53   19.37   10.19   8.37	MSCI Wrld Val Index (USD) (Net)		6.84	5.38	10.45	15.94	13.47	13.47	8.23	7.69	11.47	11.51		6.88	
Rank 36 52 76 65 65 34 56 54 50 66 35 49  Artisan Global Opportunities (SA) \$85.87 9.08 11.67 6.79 10.34 16.57 9.86 11.62 12.11 16.63 24.57 -29.41 12.22 05/01/2014 MSCI Wrid Index (USD) (Net) 10.49 11.47 9.47 16.26 18.31 14.55 11.61 10.66 18.67 23.79 -18.14 10.00 Difference -1.41 0.20 -2.68 -5.92 -1.74 -4.69 0.02 14.66 -2.04 0.78 -11.27 2.22 MSCI Wrid Grth Index (USD) (Net) 14.04 17.67 8.55 16.59 23.02 15.09 14.45 13.23 25.92 37.00 -29.21 12.77 Difference -4.96 -6.00 -1.76 -6.25 -6.45 -5.23 -2.83 -1.12 9.29 -12.43 -0.20 -0.54 IM Global Large Cap Growth Equity (SA+CF) Median 10.40 12.28 9.73 13.20 16.74 12.46 11.68 11.68 11.68 16.08 22.60 -23.19 11.20 Rank 10.00 Example 10.00 Exam	Difference		2.51	2.98	-0.19	-1.34	1.17	1.51	1.20	1.18	-0.90	5.06	-1.61	1.55	
Artisan Global Opportunities (SA)  \$85.87  9.08  11.67  6.79  10.34  16.57  9.86  11.62  11.61  10.66  18.67  23.79  -18.14  10.00  10.67  MSCI Wild Index (USD) (Net)  10.49  11.47  9.47  16.26  18.31  14.55  11.61  10.66  18.67  23.79  -18.14  10.00  10.67  MSCI Wild Index (USD) (Net)  10.40  11.47  17.67  8.55  16.59  23.02  15.09  14.45  13.23  25.92  37.00  -29.21  12.77  12.72  13.70  14.62  14.62  14.62  14.63  14.65  1	IM Global Large Cap Value Equity (SA+CF) Median		8.32	8.44	12.32	16.13	15.42	14.01	9.85	9.10	10.53	19.37	-10.19	8.37	
MSCI Wrid Index (USD) (Net) 10.49 11.47 9.47 16.26 18.31 14.55 11.61 10.66 18.67 23.79 -18.14 10.00 Difference 1.1.41 0.20 2.688 -5.92 -1.74 -4.69 0.02 1.46 -2.04 0.78 -11.27 2.22  MSCI Wrid Girth Index (USD) (Net) 14.04 17.67 8.55 16.59 23.02 15.09 14.45 13.23 25.92 37.00 -29.21 12.77 Difference 4.96 6.00 -1.76 -6.25 6.45 -5.23 -2.83 -1.12 -9.29 -12.43 0.20 -0.54  IM Global Large Cap Growth Equity (SA+CF) Median 10.40 12.28 9.73 13.20 16.74 12.46 11.68 11.65 16.08 22.60 -23.19 11.20  Rank 6 6 78 71 51 80 52 38 47 38 77 29  NT Collective Daily ACW IM Lending (CF) \$125.84 10.43 11.42 9.88 16.00 16.87 13.63 10.59 10.07 16.49 21.43 -17.56 9.47 03/01/2014  MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07 Difference 10.15 0.20 0.05 0.11 0.07 0.23 0.32 0.38 0.11 0.15 0.85 0.40  IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank 43 45 54 46 52 52 56 6 61 43 50 21.08 -16.80 9.94  Rank 43 45 54 46 52 52 56 6 61 43 50 21.08 -16.80 9.94  MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39  MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39  IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 -20.79 11.21  Rank 60 69 39 35 23 -	Rank		36	52	76	65	65	34	56	54	50	66	35	49	
Difference   -1.41   0.20   -2.68   -5.92   -1.74   -4.69   0.02   1.46   -2.04   0.78   -11.27   2.22     MSCI Wrid Grith Index (USD) (Net)   14.04   17.67   8.55   16.59   23.02   15.09   14.45   13.23   25.92   37.00   -29.21   12.77     Difference   -4.96   -6.00   -1.76   -6.25   -6.45   -5.23   -2.83   -1.12   -9.29   -12.43   -0.20   -0.54     MG Global Large Cap Growth Equity (SA+CF) Median   10.40   12.28   9.73   13.20   16.74   12.46   11.68   11.65   16.08   22.60   -23.19   11.20     Rank   -6.3   56   78   71   51   80   52   38   47   38   77   29     NT Collective Daily ACW IM Lending (CF)   \$125.84   10.43   11.42   9.88   16.00   16.87   13.63   10.59   10.07   16.49   21.43   -17.56   9.47   03/01/2014     MSCI ACW IM Index (USD) (Net)   10.58   11.62   9.82   15.89   16.80   13.40   10.28   9.69   16.37   21.58   -18.40   9.07     IM Global Large Cap Core Equity (SA+CF) Median   9.99   10.99   10.07   15.62   16.95   13.75   10.77   10.53   15.09   21.08   -16.80   9.94     Rank   -7.0   -7.0   -7.0   -7.0   -7.0   -7.0   -7.0   -7.0   -7.0   -7.0   -7.0   -7.0     MSCI ACW IM Cap Index (USD) (Net)   11.28   12.37   7.90   13.57   12.40   11.33   6.64   7.44   7.66   16.84   -18.67   10.39     MSCI ACW Sm Cap Index (USD) (Net)   11.28   12.37   7.90   13.57   12.40   11.33   6.64   7.44   7.66   16.84   -18.67   10.39     MSCI ACW Sm Cap Index (USD) (Net)   11.28   12.37   7.90   13.57   12.40   11.33   6.64   7.44   7.66   16.84   -18.67   10.39     MSCI ACW Sm Cap Index (USD) (Net)   11.28   12.37   7.90   13.57   12.40   11.33   6.64   7.44   7.66   16.84   -18.67   10.39     MSCI ACW Sm Cap Index (USD) (Net)   11.28   12.37   7.90   13.57   12.40   11.33   6.64   7.44   7.66   16.84   -18.67   10.39     MSCI ACW Sm Cap Index (USD) (Net)   11.28   12.37   7.90   13.57   12.40   11.33   6.64   7.44   7.66   16.84   -18.67   10.39     MSCI ACW Sm Cap Index (USD) (Net)   10.88   12.50   8.33   12.70   13.13   11.93   9.22   10.32   10.23   18.14   -20.79   11.21     Rank   6.0 69 39 35 52	Artisan Global Opportunities (SA)	\$85.87	9.08	11.67	6.79	10.34	16.57	9.86	11.62	12.11	16.63	24.57	-29.41	12.22	05/01/2014
MSCI Wrid Grth Index (USD) (Net) 14.04 17.67 8.55 16.59 23.02 15.09 14.45 13.23 25.92 37.00 -29.21 12.77  Difference -4.96 -6.00 -1.76 -6.25 -6.46 -5.23 -2.83 -1.12 -9.29 -12.43 -0.20 -0.54  IM Global Large Cap Growth Equity (SA+CF) Median 10.40 12.28 9.73 13.20 16.74 12.46 11.68 11.65 16.08 22.60 -23.19 11.20  Rank 63 56 78 71 51 80 52 38 47 38 77 29  NT Collective Daily ACW IM Lending (CF) \$125.84 10.43 11.42 9.88 16.00 16.87 13.63 10.59 10.07 16.49 21.43 -17.56 9.47 03/01/2014  MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07  Difference -0.15 -0.20 0.05 0.11 0.07 0.23 0.32 0.38 0.11 -0.15 0.85 0.40  IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank 43 45 54 46 52 52 56 61 43 50 55 65  WTC-CTF Global Perspectives (CF) \$63.89 10.25 11.39 9.55 14.31 14.36 9.08 16.67 -13.92 14.15 11/01/2020  MSCI ACW SM Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39  Difference -1.03 -0.98 1.64 0.74 1.96 1.42 -0.16 4.75 3.76  IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 20.79 11.21  Rank 60 69 39 35 23 5 85 56 27 38  GQG Partners Emg Mkts Eq (CF) \$44.41 5.31 5.54 5.66 2.14 12.94 7.58 31.02 -20.64 6.11 11/01/2020  MSCI Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77  IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	MSCI Wrld Index (USD) (Net)		10.49	11.47	9.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	10.00	
Difference   4.96   -6.00   -1.76   -6.25   -6.45   -5.23   -2.83   -1.12   -9.29   -12.43   -0.20   -0.54     MG Global Large Cap Growth Equity (SA+CF) Median   10.40   12.28   9.73   13.20   16.74   12.46   11.68   11.65   16.08   22.60   -23.19   11.20     Rank   63   56   78   71   51   80   52   38   47   38   77   29     NT Collective Daily ACW IM Lending (CF)   \$125.84   10.43   11.42   9.88   16.00   16.87   13.63   10.59   10.07   16.49   21.43   -17.56   9.47   03/01/2014     MSCI ACW IM Index (USD) (Net)   10.58   11.62   9.82   15.89   16.80   13.40   10.28   9.69   16.37   21.58   -18.40   9.07     IM Global Large Cap Core Equity (SA+CF) Median   9.99   10.09   10.07   15.62   16.95   13.75   10.77   10.53   15.09   21.08   -16.80   9.94     Rank   43   45   54   46   52   52   56   61   43   50   55   65     WTC-CTF Global Perspectives (CF)   \$63.89   10.25   11.39   9.55   14.31   14.36   -	Difference		-1.41	0.20	-2.68	-5.92	-1.74	-4.69	0.02	1.46	-2.04	0.78	-11.27	2.22	
IM Global Large Cap Growth Equity (SA+CF) Median  10.40 12.28 9.73 13.20 16.74 12.46 11.68 11.65 16.08 22.60 -23.19 11.20  Rank 63 56 78 71 51 80 52 38 47 38 77 29  NT Collective Daily ACW IM Lending (CF) \$125.84 10.43 11.42 9.88 16.00 16.87 13.63 10.59 10.07 16.49 21.43 -17.56 9.47 03/01/2014 MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07  Difference -0.15 -0.20 0.05 0.11 0.07 0.23 0.32 0.38 0.11 -0.15 0.85 0.40  IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank 43 45 54 46 52 52 56 61 43 50 55 65  WTC-CTF Global Perspectives (CF) \$63.89 10.25 11.39 9.55 14.31 14.36 9.08 16.67 13.92 14.15 11/01/2020  MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39 Difference -1.03 -0.98 1.64 0.74 1.96 1.42 -0.16 4.75 3.76 IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 -20.79 11.21 Rank 60 69 39 35 23 58 56 27 38  GQG Partners Emg Mkts Eq (CF) \$44.41 5.31 5.54 5.66 -2.14 12.94	MSCI Wrld Grth Index (USD) (Net)		14.04	17.67	8.55	16.59	23.02	15.09	14.45	13.23	25.92	37.00	-29.21	12.77	
Rank 63 56 78 71 51 80 52 38 47 38 77 29  NT Collective Daily ACW IM Lending (CF) \$125.84 10.43 11.42 9.88 16.00 16.87 13.63 10.59 10.07 16.49 21.43 -17.56 9.47 03/01/2014  MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07  Difference -0.15 -0.20 0.05 0.11 0.07 0.23 0.32 0.38 0.11 -0.15 0.85 0.40  IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank 43 45 54 46 52 52 56 61 43 50 55 65  WTC-CTF Global Perspectives (CF) \$63.89 10.25 11.39 9.55 14.31 14.36 9.08 16.67 -13.92 14.15 11/01/2020  MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39  Difference -1.03 -0.98 1.64 0.74 1.96 1.42 -0.16 4.75 3.76  IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.23 18.14 -20.79 11.21  Rank 60 69 39 35 23 58 56 62 27 38  GQG Partners Emg Mkts Eq (CF) \$44.41 5.31 5.54 5.66 -2.14 12.94 5.58 31.02 -20.64 6.11 11/01/2020  MSCI Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77  Difference -523 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34  IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	Difference		-4.96	-6.00	-1.76	-6.25	-6.45	-5.23	-2.83	-1.12	-9.29	-12.43	-0.20	-0.54	
NT Collective Daily ACW IM Lending (CF) \$125.84 10.43 11.42 9.88 16.00 16.87 13.63 10.59 10.07 16.49 21.43 -17.56 9.47 03/01/2014 MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07 Difference -0.15 -0.20 0.05 0.11 0.07 0.23 0.32 0.38 0.11 -0.15 0.85 0.40 IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94 Rank 43 45 54 46 52 52 56 61 43 50 55 65   WTC-CTF Global Perspectives (CF) \$63.89 10.25 11.39 9.55 14.31 14.36 9.08 16.67 -13.92 14.15 11/01/2020 MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39 Difference -1.03 -0.98 1.64 0.74 1.96 1.42 -0.16 4.75 3.76 IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.23 18.14 -20.79 11.21 Rank 60 69 39 35 23 58 56 27 38   GGG Partners Emg Mkts Eq (CF) \$44.41 5.31 5.54 5.66 -2.14 12.94 7.58 31.02 -20.64 6.11 11/01/2020 MSCI Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77 Difference -5.23 6.645 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34 IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	IM Global Large Cap Growth Equity (SA+CF) Median		10.40	12.28	9.73	13.20	16.74	12.46	11.68	11.65	16.08	22.60	-23.19	11.20	
MSCI ACW IM Index (USD) (Net)  10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07  Difference -0.15 -0.20 0.05 0.11 0.07 0.23 0.32 0.38 0.11 -0.15 0.85 0.40  IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.97 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank  43 45 54 46 52 52 56 61 43 50 55 65  WTC-CTF Global Perspectives (CF) \$63.89 10.25 11.39 9.55 14.31 14.36 9.08 16.67 -1.39 10.79 10.59 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39 Difference -1.03 -0.98 1.64 0.74 1.96 1.04 -0.16 4.75 3.76  IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.32 18.14 -20.79 11.21 Rank  60 69 39 35 23 58 56 27 38  GQG Partners Emg Mkts Eq (CF) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77 Difference -5.23 -6.45 -9.61 -1.74,3 3.24 0.07 21.19 -0.55 1.34  IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	Rank		63	56	78	71	51	80	52	38	47	38	77	29	
Difference	NT Collective Daily ACW IM Lending (CF)	\$125.84	10.43	11.42	9.88	16.00	16.87	13.63	10.59	10.07	16.49	21.43	-17.56	9.47	03/01/2014
IM Global Large Cap Core Equity (SA+CF) Median  9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank  43 45 54 46 52 52 56 61 43 50 55 65  WTC-CTF Global Perspectives (CF)  \$63.89 10.25 11.39 9.55 14.31 14.36 9.08 16.67 -13.92 14.15 11/01/2020  MSCI ACW Sm Cap Index (USD) (Net)  11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39  Difference  -1.03 -0.98 1.64 0.74 1.96 1.42 -0.16 4.75 3.76  IM Global Small Cap Equity (SA+CF) Median  10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 -20.79 11.21  Rank  60 69 39 35 23 58 56 27 38  GQG Partners Emg Mkts Eq (CF)  \$44.41 5.31 5.54 5.66 -2.14 12.94 7.58 31.02 -20.64 6.11 11/01/2020  MSCI Emg Mkts Index (USD) (Net)  10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77  Difference  -5.23 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34  IM Emerging Markets Equity (SA+CF) Median  10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	MSCI ACW IM Index (USD) (Net)		10.58	11.62	9.82	15.89	16.80	13.40	10.28	9.69	16.37	21.58	-18.40	9.07	
Rank       43       45       54       46       52       52       56       61       43       50       55       65         WTC-CTF Global Perspectives (CF)       \$63.89       10.25       11.39       9.55       14.31       14.36       -       -       -       9.08       16.67       -13.92       14.15       11/01/2020         MSCI ACW Sm Cap Index (USD) (Net)       11.28       12.37       7.90       13.57       12.40       11.33       6.64       7.44       7.66       16.84       -18.67       10.39         Difference       -1.03       -0.98       1.64       0.74       1.96       -       -       -       1.42       -0.16       4.75       3.76         IM Global Small Cap Equity (SA+CF) Median       10.88       12.50       8.33       12.70       13.13       11.93       9.22       10.32       10.23       18.14       -20.79       11.21         Rank       60       69       39       35       23       -       -       58       56       27       38         GQG Partners Emg Mkts Eq (CF)       \$44.41       5.31       5.54       5.66       -2.14       12.94       -       -       -       7.58	Difference		-0.15	-0.20	0.05	0.11	0.07	0.23	0.32	0.38	0.11	-0.15	0.85	0.40	
WTC-CTF Global Perspectives (CF)         \$63.89         10.25         11.39         9.55         14.31         14.36         -         -         -         9.08         16.67         -13.92         14.15         11/01/2020           MSCI ACW Sm Cap Index (USD) (Net)         11.28         12.37         7.90         13.57         12.40         11.33         6.64         7.44         7.66         16.84         -18.67         10.39           Difference         -1.03         -0.98         1.64         0.74         1.96         -         -         1.42         -0.16         4.75         3.76           IM Global Small Cap Equity (SA+CF) Median         10.88         12.50         8.33         12.70         13.13         11.93         9.22         10.32         10.23         18.14         -20.79         11.21           Rank         60         69         39         35         23         -         -         -         58         56         27         38           GQG Partners Emg Mkts Eq (CF)         \$44.41         5.31         5.54         5.66         -2.14         12.94         -         -         -         7.58         31.02         -20.64         6.11         11/01/2020	IM Global Large Cap Core Equity (SA+CF) Median		9.99	10.99	10.07	15.62	16.95	13.75	10.77	10.53	15.09	21.08	-16.80	9.94	
MSCI ACW Sm Cap Index (USD) (Net)       11.28       12.37       7.90       13.57       12.40       11.33       6.64       7.44       7.66       16.84       -18.67       10.39         Difference       -1.03       -0.98       1.64       0.74       1.96       -       -       1.42       -0.16       4.75       3.76         IM Global Small Cap Equity (SA+CF) Median       10.88       12.50       8.33       12.70       13.13       11.93       9.22       10.32       10.23       18.14       -20.79       11.21         Rank       60       69       39       35       23       -       -       58       56       27       38         GQG Partners Emg Mkts Eq (CF)       \$44.41       5.31       5.54       5.66       -2.14       12.94       -       -       -       7.58       31.02       -20.64       6.11       11/01/2020         MSCI Emg Mkts Index (USD) (Net)       10.54       11.99       15.27       15.29       9.70       6.81       4.48       4.81       7.50       9.83       -20.09       4.77         Difference       -5.23       -6.45       -9.61       -17.43       3.24       -       -       -       0.07       21.19			43	45	54	46	52	52	56	61	43	50	55	65	
Difference         -1.03         -0.98         1.64         0.74         1.96         -         -         -         1.42         -0.16         4.75         3.76           IM Global Small Cap Equity (SA+CF) Median         10.88         12.50         8.33         12.70         13.13         11.93         9.22         10.32         10.23         18.14         -20.79         11.21           Rank         60         69         39         35         23         -         -         58         56         27         38           GQG Partners Emg Mkts Eq (CF)         \$44.41         5.31         5.54         5.66         -2.14         12.94         -         -         -         7.58         31.02         -20.64         6.11         11/01/2020           MSCI Emg Mkts Index (USD) (Net)         10.54         11.99         15.27         15.29         9.70         6.81         4.48         4.81         7.50         9.83         -20.09         4.77           Difference         -5.23         -6.45         -9.61         -17.43         3.24         -         -         -         0.07         21.19         -0.55         1.34           IM Emerging Markets Equity (SA+CF) Median         10.90	WTC-CTF Global Perspectives (CF)	\$63.89	10.25	11.39	9.55	14.31	14.36	-	-	-	9.08	16.67	-13.92	14.15	11/01/2020
IM Global Small Cap Equity (SA+CF) Median       10.88       12.50       8.33       12.70       13.13       11.93       9.22       10.32       10.23       18.14       -20.79       11.21         Rank       60       69       39       35       23       -       -       -       58       56       27       38    GQG Partners Emg Mkts Eq (CF)          \$44.41       5.31       5.54       5.66       -2.14       12.94       -       -       -       7.58       31.02       -20.64       6.11       11/01/2020         MSCI Emg Mkts Index (USD) (Net)       10.54       11.99       15.27       15.29       9.70       6.81       4.48       4.81       7.50       9.83       -20.09       4.77         Difference       -5.23       -6.45       -9.61       -17.43       3.24       -       -       -       0.07       21.19       -0.55       1.34         IM Emerging Markets Equity (SA+CF) Median       10.90       12.60       15.11       15.35       12.00       9.04       6.17       6.23       8.18       12.91       -19.50       6.76	MSCI ACW Sm Cap Index (USD) (Net)		11.28	12.37	7.90	13.57	12.40	11.33	6.64	7.44	7.66	16.84	-18.67	10.39	
Rank       60       69       39       35       23       -       -       58       56       27       38         GQG Partners Emg Mkts Eq (CF)       \$44.41       5.31       5.54       5.66       -2.14       12.94       -       -       -       7.58       31.02       -20.64       6.11       11/01/2020         MSCI Emg Mkts Index (USD) (Net)       10.54       11.99       15.27       15.29       9.70       6.81       4.48       4.81       7.50       9.83       -20.09       4.77         Difference       -5.23       -6.45       -9.61       -17.43       3.24       -       -       -       0.07       21.19       -0.55       1.34         IM Emerging Markets Equity (SA+CF) Median       10.90       12.60       15.11       15.35       12.00       9.04       6.17       6.23       8.18       12.91       -19.50       6.76	Difference		-1.03	-0.98	1.64	0.74	1.96	-	-	-	1.42	-0.16	4.75	3.76	
GQG Partners Emg Mkts Eq (CF)         \$44.41         5.31         5.54         5.66         -2.14         12.94         -         -         -         7.58         31.02         -20.64         6.11         11/01/2020           MSCI Emg Mkts Index (USD) (Net)         10.54         11.99         15.27         15.29         9.70         6.81         4.48         4.81         7.50         9.83         -20.09         4.77           Difference         -5.23         -6.45         -9.61         -17.43         3.24         -         -         -         0.07         21.19         -0.55         1.34           IM Emerging Markets Equity (SA+CF) Median         10.90         12.60         15.11         15.35         12.00         9.04         6.17         6.23         8.18         12.91         -19.50         6.76	IM Global Small Cap Equity (SA+CF) Median		10.88	12.50	8.33	12.70	13.13	11.93	9.22	10.32	10.23	18.14	-20.79	11.21	
MSCI Emg Mkts Index (USD) (Net)       10.54       11.99       15.27       15.29       9.70       6.81       4.48       4.81       7.50       9.83       -20.09       4.77         Difference       -5.23       -6.45       -9.61       -17.43       3.24       -       -       -       0.07       21.19       -0.55       1.34         IM Emerging Markets Equity (SA+CF) Median       10.90       12.60       15.11       15.35       12.00       9.04       6.17       6.23       8.18       12.91       -19.50       6.76	Rank		60	69	39	35	23	-	-	-	58	56	27	38	
Difference -5.23 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34 IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	GQG Partners Emg Mkts Eq (CF)	\$44.41	5.31	5.54	5.66	-2.14	12.94	-	-	-	7.58	31.02	-20.64	6.11	11/01/2020
IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	MSCI Emg Mkts Index (USD) (Net)		10.54	11.99	15.27	15.29	9.70	6.81	4.48	4.81	7.50	9.83	-20.09	4.77	
	Difference		-5.23	-6.45	-9.61	-17.43	3.24	-	-	-	0.07	21.19	-0.55	1.34	
Rank 97 95 94 99 37 56 4 59 54	IM Emerging Markets Equity (SA+CF) Median		10.90	12.60	15.11	15.35	12.00	9.04	6.17	6.23	8.18	12.91	-19.50	6.76	
	Rank		97	95	94	99	37	-	-	-	56	4	59	54	

Performance shown is gross of fees, unless otherwise noted. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Income performance is currently unavailable.



**Asset Allocation & Performance - Gross of Fees** 

	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Fixed Income														
FCI Advisors (SA)	\$230.76	1.09	1.48	4.30	6.52	3.24	-0.57	2.42	2.32	1.73	6.08	-13.41	6.86	01/01/1975
Bloomberg US Govt Crdt Bond Index		0.79	1.22	3.95	5.89	2.61	-0.83	1.96	1.92	1.18	5.72	-13.58	6.64	
Difference		0.30	0.26	0.35	0.63	0.63	0.26	0.46	0.40	0.55	0.36	0.17	0.22	
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	-	
Difference		0.28	0.27	0.27	0.45	0.69	0.16	0.64	0.56	0.48	0.55	-0.40	-	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median		0.93	1.28	4.17	6.42	3.06	-0.19	2.30	2.28	1.91	6.00	-12.95	-	
Rank		22	16	34	44	33	80	35	48	60	49	79	-	
PIMCO:Income;Inst (PIMIX)	\$103.82	2.06	2.34	5.84	9.85	7.82	4.89	4.71	-	5.94	9.86	-7.34	4.38	09/01/2017
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.36	
Difference		1.25	1.14	1.82	3.78	5.27	5.62	2.94	-	4.69	4.33	5.67	3.02	
IM Multi-Sector General Bond (MF) Median		2.12	2.43	4.46	8.48	6.70	4.08	4.26	4.28	5.95	9.12	-10.80	3.90	
Rank		52	53	10	16	30	18	27	-	51	37	20	23	
Direct Lending														
White Oak Fixed Income C LP	\$63.02	0.00	0.00	0.41	9.08	6.39	6.03	6.23	-	8.08	11.51	-1.77	6.60	04/01/2018
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	7.10	
Difference		0.00	0.00	-0.70	2.45	-4.30	-2.90	-0.95	-	-3.15	-3.79	-2.69	-0.50	
Ares Pathfinder Core LP	\$40.21	0.00	0.00	2.15	7.81	-	-	-	-	-	-	-	7.81	07/01/2024
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	6.63	
Difference		0.00	0.00	1.04	1.19	-	-	-	-	-	-	-	1.19	
Real Estate														
Morgan Stanley Prime Property LLC	\$60.63	0.58	0.58	2.06	3.42	-2.04	5.72	5.68	7.19	0.21	-4.98	7.38	7.87	10/01/2014
NCREIF ODCE Index (AWA) (Gross)		1.03	1.03	2.10	3.54	-5.43	3.43	3.67	5.35	-1.43	-12.02	7.47	5.98	
Difference		-0.45	-0.45	-0.04	-0.12	3.38	2.30	2.01	1.84	1.64	7.03	-0.08	1.89	
PGIM Real Estate PRISA II (CF)	\$55.24	1.67	1.67	2.99	6.58	-5.42	3.69	4.07	6.22	-1.45	-12.28	7.02	6.72	10/01/2004
NCREIF ODCE Index (AWA) (Gross)		1.03	1.03	2.10	3.54	-5.43	3.43	3.67	5.35	-1.43	-12.02	7.47	6.54	
Difference		0.64	0.64	0.89	3.04	0.00	0.27	0.40	0.87	-0.02	-0.26	-0.44	0.18	
Absolute Return														
Grosvenor FOB (CF) (Net)	\$97.77	3.51	4.65	4.48	11.28	9.74	8.05	5.86	5.00	13.90	9.33	-6.52	4.98	08/01/2014
HFN FOF Multi-Strat Index (Net)		2.56	2.52	2.65	6.62	5.84	6.11	4.48	3.57	7.25	4.80	-1.35	3.63	
Difference		0.95	2.13	1.82	4.66	3.90	1.93	1.38	1.43	6.64	4.53	-5.17	1.35	
ICE BofA 3 Mo US T-Bill Index+5%		1.52	2.28	4.59	9.91	9.78	7.90	7.66	7.07	10.51	10.27	6.53	6.90	
Difference		1.99	2.37	-0.12	1.37	-0.04	0.15	-1.80	-2.08	3.38	-0.94	-13.05	-1.92	

Performance shown is gross of fees, unless otherwise noted. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Income performance is currently unavailable.



## **Asset Allocation & Performance - Net of Fees**

	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Global Equity														
LSV Global Large Cap Value (SA)	\$90.71	9.35	8.19	9.92	13.90	13.94	14.27	8.74	8.19	9.89	15.84	-8.70	7.76	05/01/2014
MSCI Wrld Index (USD) (Net)		10.49	11.47	9.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	10.00	
Difference		-1.14	-3.28	0.44	-2.36	-4.37	-0.28	-2.87	-2.47	-8.78	-7.95	9.44	-2.24	
MSCI Wrld Val Index (USD) (Net)		6.84	5.38	10.45	15.94	13.47	13.47	8.23	7.69	11.47	11.51	-6.52	6.88	
Difference		2.51	2.81	-0.54	-2.04	0.47	0.80	0.51	0.50	-1.57	4.33	-2.18	0.88	
Artisan Global Opportunities (SA)	\$85.87	9.08	11.46	6.39	9.54	15.73	9.07	10.82	11.30	15.83	23.67	-29.94	11.42	05/01/2014
MSCI Wrld Index (USD) (Net)		10.49	11.47	9.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	10.00	
Difference		-1.41	-0.01	-3.08	-6.72	-2.58	-5.48	-0.79	0.65	-2.84	-0.12	-11.80	1.42	
MSCI Wrld Grth Index (USD) (Net)		14.04	17.67	8.55	16.59	23.02	15.09	14.45	13.23	25.92	37.00	-29.21	12.77	
Difference		-4.96	-6.21	-2.16	-7.06	-7.29	-6.02	-3.63	-1.93	-10.09	-13.33	-0.73	-1.35	
NT Collective Daily ACW IM Lending (CF)	\$125.84	10.41	11.40	9.84	15.93	16.78	13.54	10.50	9.98	16.41	21.33	-17.63	9.38	03/01/2014
MSCI ACW IM Index (USD) (Net)		10.58	11.62	9.82	15.89	16.80	13.40	10.28	9.69	16.37	21.58	-18.40	9.07	
Difference		-0.16	-0.21	0.02	0.04	-0.02	0.14	0.23	0.29	0.04	-0.25	0.77	0.31	
WTC-CTF Global Perspectives (CF)	\$63.89	10.10	11.17	9.10	13.37	13.43	-	-	-	8.18	15.73	-14.63	13.22	11/01/2020
MSCI ACW Sm Cap Index (USD) (Net)		11.28	12.37	7.90	13.57	12.40	11.33	6.64	7.44	7.66	16.84	-18.67	10.39	
Difference		-1.17	-1.20	1.20	-0.20	1.03	-	-	-	0.52	-1.11	4.04	2.83	
GQG Partners Emg Mkts Eq (CF)	\$44.41	5.17	5.33	5.24	-2.92	12.05	_	_	_	6.72	30.00	-21.28	5.27	11/01/2020
MSCI Emg Mkts Index (USD) (Net)	•	10.54	11.99	15.27	15.29	9.70	6.81	4.48	4.81	7.50	9.83	-20.09	4.77	
Difference		-5.37	-6.65	-10.03	-18.21	2.34	-	-	-	-0.78	20.17	-1.19	0.49	
Fixed Income														
FCI Advisors (SA)	\$230.76	1.07	1.44	4.22	6.37	3.09	-0.71	2.27	2.17	1.58	5.93	-13.54	2.32	07/01/2013
Bloomberg US Govt Crdt Bond Index		0.79	1.22	3.95	5.89	2.61	-0.83	1.96	1.92	1.18	5.72	-13.58	2.09	
Difference		0.27	0.23	0.27	0.49	0.48	0.12	0.31	0.25	0.41	0.21	0.04	0.23	
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.98	
Difference		0.26	0.24	0.20	0.30	0.54	0.01	0.49	0.41	0.33	0.40	-0.53	0.34	
PIMCO:Income;Inst (PIMIX)	\$103.82	1.98	2.22	5.58	9.31	7.28	4.37	4.19	-	5.42	9.32	-7.81	3.85	09/01/2017
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.36	
Difference		1.17	1.01	1.56	3.23	4.74	5.10	2.41	-	4.17	3.79	5.20	2.49	

Performance shown is net of fees. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Fixed Income performance is currently unavailable.



### **Asset Allocation & Performance - Net of Fees**

	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Direct Lending														
White Oak Fixed Income C LP	\$63.02	0.00	0.00	0.17	7.80	5.00	4.54	4.64	-	6.54	9.56	-2.75	4.97	04/01/2018
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	7.10	
Difference		0.00	0.00	-0.95	1.18	-5.69	-4.39	-2.54	-	-4.69	-5.74	-3.68	-2.13	
Ares Pathfinder Core LP	\$40.21	0.00	0.00	2.15	7.81	-	-	-	-	-	-	-	7.81	07/01/2024
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	6.63	
Difference		0.00	0.00	1.04	1.19	-	-	-	-	-	-	-	1.19	
Real Estate														
Morgan Stanley Prime Property LLC	\$60.63	0.30	0.30	1.52	2.29	-2.97	4.65	4.57	6.06	-0.77	-5.79	6.14	6.73	10/01/2014
NCREIF ODCE Index (AWA) (Net)		0.81	0.81	1.67	2.67	-6.21	2.54	2.78	4.42	-2.27	-12.73	6.55	5.04	
Difference		-0.51	-0.51	-0.15	-0.38	3.24	2.11	1.80	1.64	1.49	6.94	-0.41	1.69	
PGIM Real Estate PRISA II (CF)	\$55.24	1.38	1.38	2.40	5.38	-6.51	2.53	2.91	5.06	-2.58	-13.29	5.86	6.57	07/01/2013
NCREIF ODCE Index (AWA) (Net)		0.81	0.81	1.67	2.67	-6.21	2.54	2.78	4.42	-2.27	-12.73	6.55	5.74	
Difference		0.57	0.57	0.73	2.70	-0.29	0.00	0.14	0.64	-0.31	-0.56	-0.69	0.83	
Absolute Return														
Grosvenor FOB (CF)	\$97.77	3.51	4.65	4.48	11.28	9.74	8.05	5.86	5.00	13.90	9.33	-6.52	4.98	08/01/2014
HFN FOF Multi-Strat Index (Net)		2.56	2.52	2.65	6.62	5.84	6.11	4.48	3.57	7.25	4.80	-1.35	3.63	
Difference		0.95	2.13	1.82	4.66	3.90	1.93	1.38	1.43	6.64	4.53	-5.17	1.35	
ICE BofA 3 Mo US T-Bill Index+5%		1.52	2.28	4.59	9.91	9.78	7.90	7.66	7.07	10.51	10.27	6.53	6.90	
Difference		1.99	2.37	-0.12	1.37	-0.04	0.15	-1.80	-2.08	3.38	-0.94	-13.05	-1.92	

Performance shown is net of fees. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Fixed Income performance is currently unavailable.



## Kansas City Police Employees' Retirement Systems KCPERS Police Private Investment Lagged Performance Asset Allocation & Performance

	Market Value (M)	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Police - Direct Lending	\$104.03	0.93	0.93	7.87	7.87	4.17	5.13	5.18	-	5.90	9.56	-2.75	5.18	04/01/2018
White Oak Fixed Income C LP	\$63.02	0.17	0.17	7.69	7.69	4.11	5.10	5.15	-	6.54	9.56	-2.75	5.15	04/01/2018
S&P UBS Lvg'd Loan Index+2%		1.11	1.11	8.24	9.16	9.24	11.07	7.37	7.08	11.23	15.30	0.92	7.37	
Difference		-0.95	-0.95	-0.55	-1.47	-5.13	-5.98	-2.22	-	-4.69	-5.74	-3.68	-2.22	
Ares Pathfinder Core LP	\$41.01	2.15	2.15	-	-	-	-	-	-	-	-	-	7.81	07/01/2024
S&P UBS Lvg'd Loan Index+2%		1.11	1.11	8.24	9.16	9.24	11.07	7.37	7.08	11.23	15.30	0.92	6.63	
Difference		1.04	1.04	-	-	-	-	-	-	-	-	-	1.19	

Performance shown is net of fees, unless otherwise noted. Performance and market values are preliminary and subject to change. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30.



## Kansas City Police Employees' Retirement Systems Alternative Investment Private Equity Fund Performance Listing

Fund Name	Vintage	Asset Class	Commitment (\$)	Paid In Capital (\$)	Distributions (\$)	Valuation (\$)	Fund IRR (%)	Quartile	Index IRR (%)	Fund Multiple
JP Morgan European Corporate Financ Investors III	e 2006	Private Equity - Non-US Private Equity	1,500,000	1,450,556	2,231,866	12,245	7.55	2nd	10.70	1.55
JP Morgan US Corporate Finance Investors III	2006	Private Equity - Buyout	6,000,000	6,073,538	12,108,300	233,565	13.27	1st	8.83	2.03
JP Morgan Venture Capital Investors III	2006	Private Equity - Venture	2,500,000	2,566,377	4,132,490	511,635	8.77	1st	11.95	1.81
Abbott Capital Private Equity VI LP	2008	Private Equity - Fund of Funds	10,000,000	9,950,088	16,813,095	1,930,430	12.20	2nd	13.62	1.88
			20,000,000	20,040,560	35,285,750	2,687,875	11.69		11.55	1.89

Certain valuations (marked with a \*\*') are preliminary estimates of valuation as of the date of reporting and reflect the estimated impact of subsequent net cash contributions/distributions. These figures may be used in calculations contained in this report. Index IRR represents the dollar-weighted returns calculated using the S&P 500 Index (Cap Wtd) assuming an index investment with the same cash flow timing. IRRs are shown only for investments with one year or more of cash flows and for which an accurate IRR could be calculated. Applicable IRRs are marked with 'N/M' for not material. Fund IRR is the annualized since-inception net internal rate for the indicated fund or composite. Fund Multiple is the since inception sum of distributions and valuation divided by paid in capital. Quartile data is based on information provided by Preqin.



## Kansas City Police Employees' Retirement Systems Alternative Investment Private Credit Fund Performance Listing

Fund Name	Vintage	Asset Class	Commitment (\$)	Paid In Capital (\$)	Distributions (\$)	Valuation (\$)	Fund IRR (%)	Quartile	Index IRR (%)	Fund Multiple
White Oak Fixed Income Fund C, LP-SF	2014	Private Credit - Direct Lending	55,000,000	55,000,000	10,693,937	63,020,403	4.98	4th	7.54	1.34
Ares Pathfinder Core Fund LP	2021	Private Credit - Specialty Finance	40,000,000	40,000,000	616,442	41,009,179	N/M	N/A	N/M	1.04
			95,000,000	95,000,000	11,310,379	104,029,582	5.20		7.52	1.21

Certain valuations (marked with a '\*') are preliminary estimates of valuation as of the date of reporting and reflect the estimated impact of subsequent net cash contributions/distributions. These figures may be used in calculations contained in this report. Index IRR represents the dollar-weighted returns calculated using the S&P UBS Leveraged Loan Index+2% assuming an index investment with the same cash flow timing. IRRs are shown only for investments with one year or more of cash flows and for which an accurate IRR could be calculated. Applicable IRRs are marked with 'N/M' for not material. Fund IRR is the annualized since-inception net internal rate for the indicated fund or composite. Fund Multiple is the since inception sum of distributions and valuation divided by paid in capital. Quartile data is based on information provided by Preqin.



## Kansas City Police Employees' Retirement Systems KCPERS Police Schedule of Investable Assets by Manager

LSV Global Large Cap Value (SA)										
Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return						
83,706,500	128,264	6,870,786	90,705,550	8.19						
	Market Value (\$)	Market Value (\$) Cash Flow (\$)	Market Value (\$) Cash Flow (\$)	Market Value (\$) Cash Flow (\$) Gain/Loss (\$) Market Value (\$)						

Artisan Global Opportunities (SA)										
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return					
Quarter	76,896,663	145,646	8,829,268	85,871,576	11.46					

NT Collective Daily ACW IM Lending (CF)									
Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return					
112,942,813	17,273	12,880,394	125,840,480	11.40					
	Market Value (\$)	Beginning Net Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Ending Market Value (\$) Cash Flow (\$) Market Value (\$)					

WTC-CTF Global Perspectives (CF)									
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return				
Quarter	57,470,698	-	6,420,259	63,890,957	11.17				

GQG Partners Emg Mkts Eq (CF)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	42,165,593	-	2,248,816	44,414,409	5.33	

FCI Advisors (SA)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	227,404,455	79,628	3,279,552	230,763,635	1.44	

Performance shown is net of fees and will not match subsequent comparative performance gross of fees.



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<b>Schedule</b>	of Investable	<b>Assets</b>	by Ma	nager

PIMCO:Income;Inst (PIMIX)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	101,572,404	-	2,251,186	103,823,590	2.22	

Beginning arket Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return
61,045,513	-599,510	181,399	60,627,402	0.30
2	arket Value (\$)	arket Value (\$) Cash Flow (\$)	arket Value (\$) Cash Flow (\$) Gain/Loss (\$)	arket Value (\$) Cash Flow (\$) Gain/Loss (\$) Market Value (\$)

PGIM Real Estate PRISA II (CF)						
Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return		
54,806,329	-320,840	755,211	55,240,700	1.38		
	Market Value (\$)	Beginning Net Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Ending Market Value (\$) Cash Flow (\$) Market Value (\$)		

Grosvenor FOB (CF)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	93,429,876	-	4,341,441	97,771,317	4.65	

Fee Schedule	Aggregate Assets (\$)	Estimated Annual Fee (%)	Market Value as of 06/30/2025	Estimated Annual Fee (\$)
0.75 % of First \$25 M 0.65 % of Next \$25 M 0.55 % of Next \$50 M 0.45 % Thereafter	107,207,171	0.61	90,705,550	556,238
0.80 % of First \$50 M 0.60 % of Next \$50 M 0.50 % Thereafter	85,871,576	0.72	85,871,576	615,229
0.08 % of First \$50 M 0.05 % Thereafter	148,851,644	0.06	125,840,480	75,601
1.00 % of Assets	75,399,398	1.00	63,890,957	638,910
0.85 % of First \$25 M 0.80 % Thereafter	52,041,231	0.82	44,414,409	365,983
0.50 % of First \$5 M 0.40 % of Next \$5 M 0.30 % of Next \$10 M 0.20 % of Next \$10 M 0.12 % Thereafter	269,954,409	0.14	230,763,635	327,351
0.50 % of Assets	125,550,191	0.50	103,823,590	519,118
1.00% of Assets	73,637,137	1.00	63,020,403	630,204
1.05% of Assets	47,244,275	1.05	40,207,894	422,183
0.84 % of Assets	70,959,666	0.84	60,627,402	509,270
	0.75 % of First \$25 M 0.65 % of Next \$25 M 0.55 % of Next \$50 M 0.45 % Thereafter  0.80 % of First \$50 M 0.60 % of Next \$50 M 0.50 % Thereafter  0.08 % of First \$50 M 0.05 % Thereafter  1.00 % of Assets 0.85 % of First \$25 M 0.80 % Thereafter  0.50 % of First \$5 M 0.40 % of Next \$5 M 0.30 % of Next \$10 M 0.20 % of Next \$10 M 0.12 % Thereafter  0.50 % of Assets  1.00% of Assets	0.75 % of First \$25 M 0.65 % of Next \$25 M 0.55 % of Next \$50 M 0.45 % Thereafter  0.80 % of First \$50 M 0.60 % of Next \$50 M 0.50 % Thereafter  0.08 % of First \$50 M 0.05 % Thereafter  1.00 % of Assets 75,399,398 0.85 % of First \$25 M 0.80 % Thereafter  0.50 % of First \$5 M 0.40 % of Next \$5 M 0.30 % of Next \$5 M 0.30 % of Next \$10 M 0.12 % Thereafter  0.50 % of Assets 125,550,191  1.00% of Assets 73,637,137	(%)  0.75 % of First \$25 M 0.65 % of Next \$25 M 0.55 % of Next \$50 M 0.45 % Thereafter  0.80 % of First \$50 M 0.50 % of Next \$50 M 0.50 % Thereafter  0.08 % of First \$50 M 0.50 % Thereafter  1.00 % of Assets 75,399,398 1.00 0.85 % of First \$25 M 0.80 % Thereafter  0.50 % of First \$5 M 0.82 0.85 % of First \$5 M 0.30 % of Next \$5 M 0.30 % of Next \$5 M 0.30 % of Next \$10 M 0.20 % of Next \$10 M 0.12 % Thereafter  0.50 % of Assets 125,550,191 0.50  1.00% of Assets 47,244,275 1.05	(%) of 06/30/2025  0.75 % of First \$25 M 0.65 % of Next \$25 M 0.55 % of Next \$50 M 0.45 % Thereafter  0.80 % of First \$50 M 0.50 % Thereafter  0.08 % of First \$50 M 0.50 % Thereafter  1.00 % of Assets  75,399,398  1.00 0.80 % of First \$5 M 0.80 % of First \$50 M 0.50 % Thereafter  1.00 % of Assets  75,399,398  1.00 0.80 % Thereafter  0.50 % of First \$5 M 0.80 % Thereafter  0.50 % of First \$5 M 0.30 % of Next \$5 M 0.30 % of Next \$5 M 0.30 % of Next \$10 M 0.20 % of Next \$10 M 0.20 % of Next \$10 M 0.20 % of Assets  125,550,191  0.50 % of Assets  73,637,137  1.00  63,020,403  1.05% of Assets  47,244,275  1.05  40,207,894



Manager	Fee Schedule	Aggregate Assets (\$)	Estimated Annual Fee (%)	Market Value as of 06/30/2025	Estimated Annual Fee (\$)
PGIM Real Estate PRISA II (CF)	1.20 % of First \$25 M 1.15 % of Next \$25 M 1.05 % of Next \$50 M 0.95 % of Next \$100 M 0.90 % of Next \$100 M 0.85 % Thereafter	64,646,616	1.15	55,240,700	633,434
Grosvenor FOB (CF)	1.15 % of First \$25 M 1.00 % of Next \$25 M 0.80 % of Next \$50 M 0.60 % Thereafter	114,430,303	0.89	97,771,317	874,994
Coltv. Short Term Invt. Fund	0.15 % of Assets	9,899,652	0.15	7,237,621	10,856

#### **Fee Notes:**

White Oak Fixed Income C LP - Fee structure is 1.25% when aggregate assets are below \$10M, and 1.00% when aggregate assets are above \$10M.

Ares Pathfinder Core I P has an incentive fee of 15% over a 6% annualized hurdle.

The incentive fee for Morgan Stanley Prime Property LLC for each calendar year is capped at 35 basis points per annum.

The fee schedule shown for PGIM Real Estate PRISA II (CF) represents the maximum annual fee and may be lower depending on the fund's operating cash flow.

Grosvenor FOB (CF) fee has a 75 basis point minimum. The fee schedule shown for Grosvenor FOB (CF) excludes the underlying manager's fees.

The annual management fee for Abbott Capital Private Equity VI LP is 1.00% with 0% carried interest for initial 8 years thereafter the fee is reduced by 10% per year.

JP Morgan Private Equity III (CF) consists of three separate funds: European Corporate Finance Investors III, U.S. Corporate Finance Investors III, and Venture Capital Investors III. The annual management fee pertains to the percentage of committed capital, is level for the first eight years, and is then reduced each successive year by 10% of the preceding year's fee. Each fund is also subject to an incentive/carried interest fee, which is 10% for secondary partnership investments and 20% for direct co-investments.

European and U.S. Corporate Finance Investors III

Management fee for initial 8 years: 0.90%

Average fee over 15 years: 0.76%

Venture Capital Investors III

Management fee for initial 8 years: 1.10%

Average fee over 15 years: 0.93%

Mutual fund fees are sourced from Morningstar and/or the investment manager.



# **Civilian Plan**

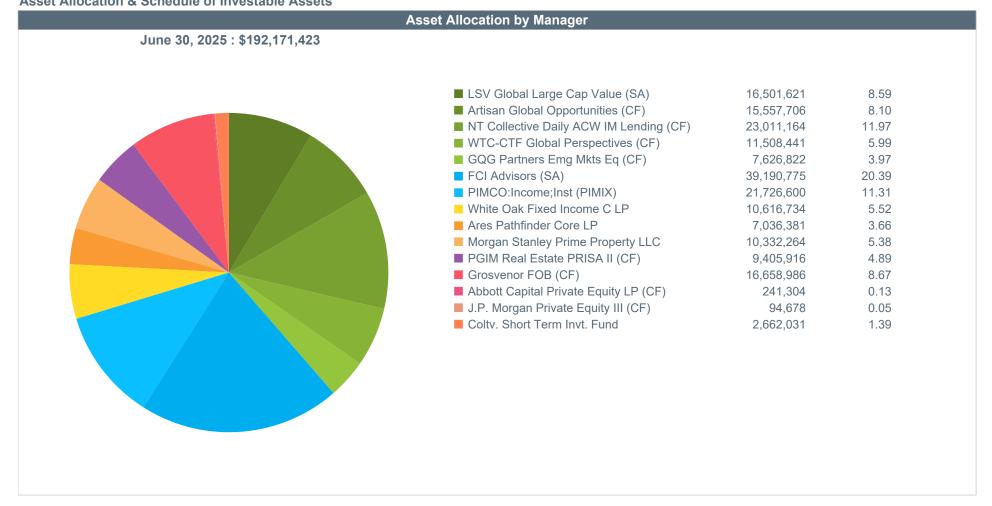
## Kansas City Civilian Employees' Retirement Systems (KCPERS) Investment Objective Review As of June 30, 2025

Asset Allocation													
	Yes	No	Current	Min.	Target	Max.							
Global Equity	✓		38.6%	33%	38%	43%							
Fixed Income	✓		31.7%	26%	31%	36%							
Direct Lending	✓		9.2%	7%	10%	13%							
Real Estate	✓		10.3%	9%	13%	17%							
Absolute Return	✓		8.7%	6%	8%	10%							
Private Equity	Not I	/laterial	0.2%	0%	0%	0%							
Cash Equivalent	✓		1.4%	0%	0%	5%							
Total Fund	✓		100%	95%	100%	100%							

Investment Policy Guidelines	Plan Performance	Benchmark			
Performance (over full market cycle of 5 years)	(Net)/Rank	Performance	Yes	No	Comments
r enormance (over fun market cycle of 5 years)					
Total Fund					
Total fund composite rate of return exceeds the current Target Allocation Index (gross of fees) over 5 years.	7.21%	6.66%	✓		
The total fund return is equal to or exceeds 6.75% annualized return (gross of fees) over 5 years.	7.21%	6.75%	✓		
Global Equity					
The global equity composite rate of return exceeds the benchmark (net of fees).	11.99%	13.40%		1	
The global equity composite performed at the fortieth (40th) percentile or better.	46			1	
LSV Global Large Cap Value (SA)					
The manager return exceeds the benchmark (net of fees).	14.65%	14.55%	1		
The manager performed at the fortieth (40th) percentile or better.	30		1		
Artisan Global Opportunities (SA)					
The manager return exceeds the benchmark (net of fees).	8.75%	14.55%		1	
The manager performed at the fortieth (40th) percentile or better.	82			1	
NT Collective Daily ACW IM Lending (CF)					
The manager return exceeds the benchmark (net of fees).	13.59%	13.40%	1		
The manager performed at the fortieth (40th) percentile or better.	39		1		
WTC-CTF Global Perspectives (CF)					
The manager return exceeds the benchmark (net of fees).	14.48%	11.33%	<b>4</b>		
The manager performed at the fortieth (40th) percentile or better.	39		✓		
GQG Partners Emg Mkts Eq (CF)					I
The manager return exceeds the benchmark (net of fees).	N/A				Insufficient History
The manager performed at the fortieth (40th) percentile or better.	N/A				Insufficient History
Fixed Income					
The fixed income composite rate of return exceeds the benchmark (net of fees).	1.11%	-0.73%	1		
The fixed income composite performed at the fortieth (40th) percentile or better.	30		✓		
FCI Advisors (SA)					
The manager return exceeds the benchmark (net of fees).	-0.71%	-0.83%	1		
The manager performed at the fortieth (40th) percentile or better.	77			✓	
PIMCO:Income;Inst (PIMIX)					
The manager return exceeds the benchmark (net of fees).	4.37%	-0.73%	1		
The manager performed at the fortieth (40th) percentile or better.	11		1		
Direct Lending					
The direct lending composite rate of return exceeds the benchmark (net of fees).	4.57%	8.93%		1	
White Oak Fixed Income C LP					
The manager return exceeds the benchmark (net of fees).	4.54%	8.93%		1	
Ares Pathfinder Core LP					
The manager return exceeds the benchmark (net of fees).	N/A				Insufficient History
Real Estate  The real estate composite rate of return exceeds the benchmark (net of fees).	3.64%	2.54%	1		
Morgan Stanley Prime Property LLC	4.0.00	0.540/	1		
The manager return exceeds the benchmark (net of fees).	4.64%	2.54%	· ·		
PGIM Real Estate PRISA II (CF)	0.5007	0.540/		-	
The manager return exceeds the benchmark (net of fees).  Absolute Return	2.53%	2.54%		٧	
The absolute return composite rate of return exceeds the benchmark (net of fees).	8.05%	7.90%	✓		
Grosvenor FOB (CF)					
	8.05%	6.19%	1		
The manager return exceeds the benchmark (net of fees).	8.05%	0.19%			
Private Equity					
The private equity composite rate of return exceeds the benchmark (net of fees).	Not Ma	aterial			

The Investment Policy Review for the Police Retirement System of Kansas City, Missouri examines client specific net returns, except for the Total Fund which examines client specific gross return. Managers that do not have 5 years of client specific net performance populate are backfilled with composite/manager gross performance until sufficient historical client-specific net performance is available. GQG Partners Emg Mkts Eq (CF) currently will not have 5 years of composite level returns. The two private equity managers are in their final stages of distributing capital; performance for these managers is not relevant.





		Schedule of Inves	table Assets		
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return
QTD	183,741,945	-345,884	8,775,363	192,171,423	4.79
CYTD	183,410,481	-1,327,006	10,087,948	192,171,423	5.57
FYTD	184,277,398	-21,383	7,915,408	192,171,423	4.30

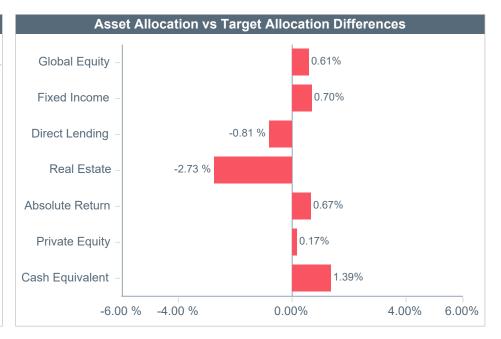
Allocations shown may not sum up to 100% exactly due to rounding. Performance shown is net of fees.

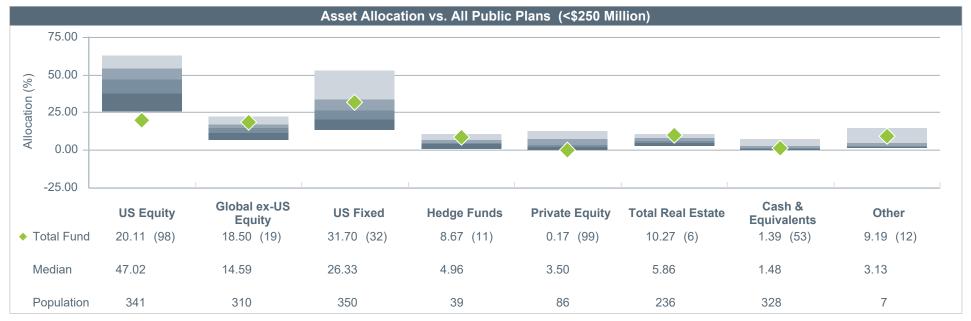


## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees

**Total Fund vs. All Public Plans (<\$250 Million)** 

	Asset Alloca	ition vs. Tarç	get Alloc	ation	
	Market Value (\$)	Allocation (%)	Target (%)	Minimum (%)	Maximum (%)
Total Fund	192,171,423	100.00	100.00	-	-
Global Equity	74,205,754	38.61	38.00	33.00	43.00
Fixed Income	60,917,375	31.70	31.00	26.00	36.00
Direct Lending	17,653,115	9.19	10.00	7.00	13.00
Real Estate	19,738,180	10.27	13.00	9.00	17.00
Absolute Return	16,658,986	8.67	8.00	6.00	10.00
Private Equity	335,982	0.17	0.00	0.00	0.00
Cash Equivalent	2,662,031	1.39	0.00	0.00	5.00





Parentheses contain percentile ranks. Allocations may not sume up to 100% exactly due to rounding. The Board has elected not to make additional Private Equity commitments and as a result, the Private Equity allocation is winding down. 'Other' consists of the Direct Lending composite.



## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees Asset Allocation & Performance

	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Total Fund (Gross)	\$192.17	4.38	4.90	5.80	9.54	7.84	7.21	6.63	6.65	7.73	9.73	-9.93	6.67	10/01/2003
All Public Plans (<\$250 Million)		6.57	6.82	6.37	11.44	10.84	8.88	7.78	7.48	10.79	13.89	-13.59	7.28	
Rank		89	86	64	87	93	87	84	78	86	90	11	84	
Total Fund	\$192.17	4.30	4.79	5.57	8.99	7.28	6.64	6.07	6.10	7.16	9.11	-10.43	6.43	07/01/2013
Target Allocation Index		4.45	5.01	5.72	9.76	7.93	6.66	6.43	6.29	8.14	9.62	-9.11	6.59	
Difference		-0.15	-0.22	-0.16	-0.76	-0.65	-0.02	-0.37	-0.19	-0.98	-0.51	-1.31	-0.16	
6.75% Annualized Return		1.09	1.65	3.32	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	
Difference		3.21	3.15	2.25	2.24	0.53	-0.11	-0.68	-0.65	0.41	2.36	-17.18	-0.32	
Global Equity	\$74.21	9.34	10.12	8.86	11.90	14.90	11.99	9.48	9.32	12.22	20.09	-18.31	9.86	07/01/2013
MSCI ACW IM Index (USD) (Net)		10.58	11.62	9.82	15.89	16.80	13.40	10.28	9.69	16.37	21.58	-18.40	9.99	
Difference		-1.24	-1.50	-0.96	-3.99	-1.91	-1.41	-0.79	-0.37	-4.15	-1.49	0.10	-0.13	
IM Global Large Cap Equity (MF) Median		11.00	12.65	11.17	14.28	17.04	11.74	10.31	9.93	14.52	21.22	-22.05	10.15	
Rank		71	73	64	64	69	46	72	68	66	60	33	61	
Fixed Income	\$60.92	1.40	1.72	4.70	7.42	4.64	1.11	3.05	3.00	3.01	7.18	-11.41	2.97	07/01/2013
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.98	
Difference		0.58	0.52	0.68	1.35	2.09	1.83	1.27	1.24	1.75	1.65	1.60	0.99	
IM Global Fixed Income (MF) Median		1.60	2.57	4.35	7.62	3.96	0.18	1.58	1.82	2.32	6.74	-14.66	1.55	
Rank		53	78	43	56	30	30	10	11	35	35	31	10	
Direct Lending	\$17.65	0.00	0.00	0.95	7.98	5.06	4.57	4.66	-	5.89	9.56	-2.75	4.99	04/01/2018
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	7.10	
Difference		0.00	0.00	-0.16	1.35	-5.63	-4.35	-2.51	-	-5.35	-5.74	-3.68	-2.11	
Real Estate	\$19.74	0.81	0.81	1.93	3.72	-4.71	3.64	3.78	5.59	-1.60	-9.52	6.00	7.07	07/01/2013
NCREIF ODCE Index (AWA) (Net)		0.81	0.81	1.67	2.67	-6.21	2.54	2.78	4.42	-2.27	-12.73	6.55	5.74	
Difference		0.00	0.00	0.26	1.05	1.51	1.10	1.00	1.17	0.66	3.21	-0.55	1.34	
Absolute Return	\$16.66	3.51	4.65	4.48	11.28	9.74	8.05	5.74	4.90	13.90	9.33	-6.52	4.75	08/01/2014
Absolute Return Custom Benchmark		2.56	2.52	2.65	6.62	5.84	6.11	4.84	4.21	7.25	4.80	-1.35	4.05	
Difference		0.95	2.13	1.82	4.66	3.90	1.94	0.90	0.69	6.65	4.53	-5.17	0.70	
Long Term Absolute Return Custom Benchmark		1.52	2.28	4.59	9.91	9.78	7.90	7.59	7.13	10.51	10.27	6.53	6.96	
Difference		1.99	2.37	-0.12	1.37	-0.04	0.15	-1.85	-2.23	3.39	-0.94	-13.05	-2.21	

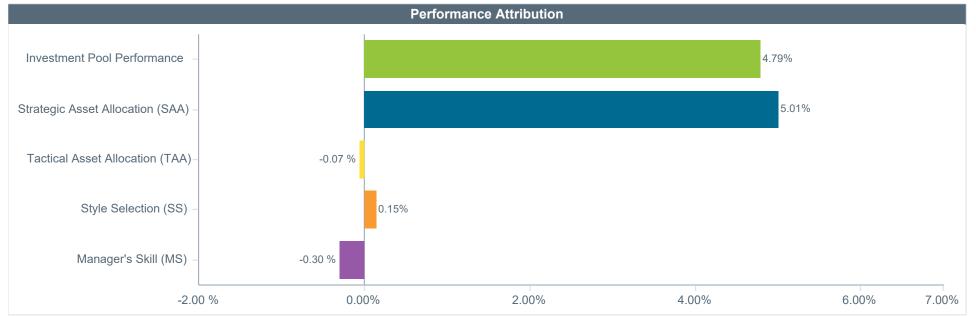
See addendum for custom index comments. 6.75% annualized return represents the System's long-term return goal based on the System's current actuarial assumed rate of return.

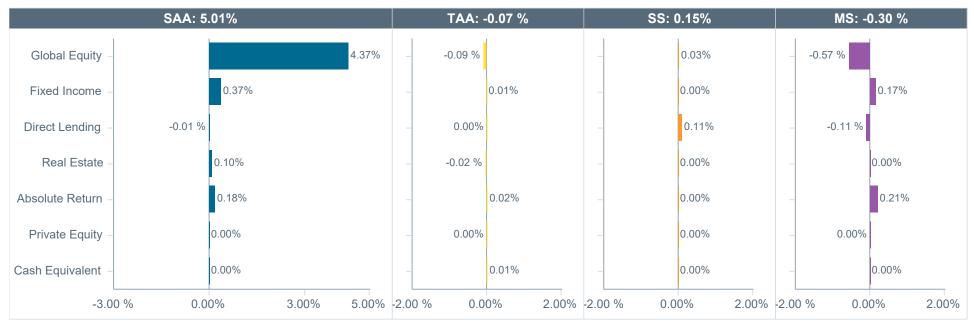
Performance shown is net of fees, unless otherwise noted. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. Direct Lending performance is currently unavailable.



## **Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees**

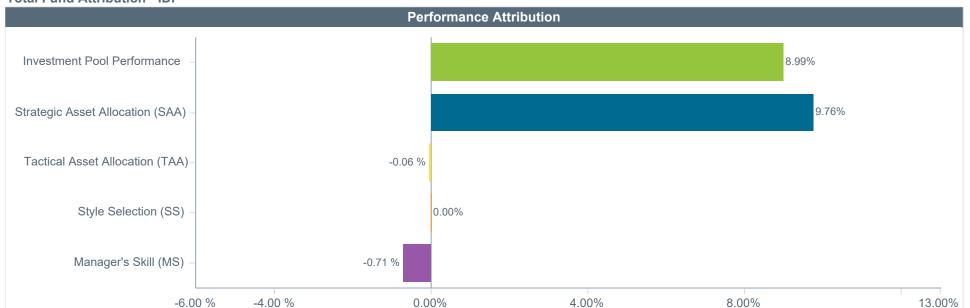
**Total Fund Attribution - IDP** 

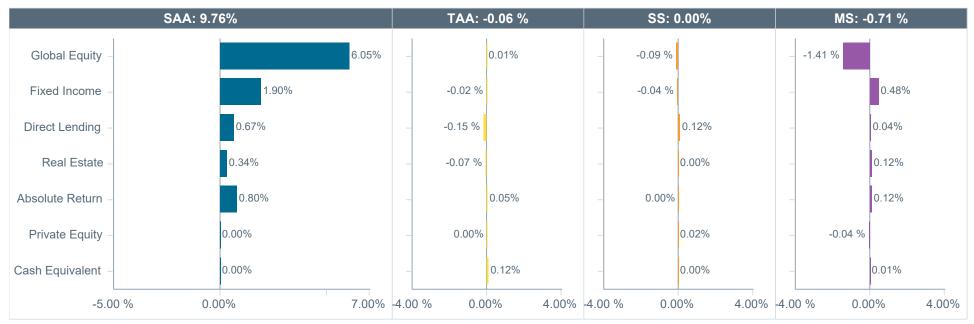




Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.



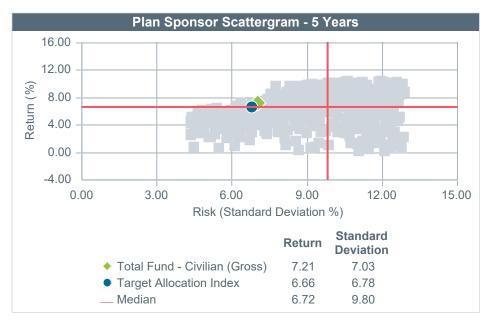


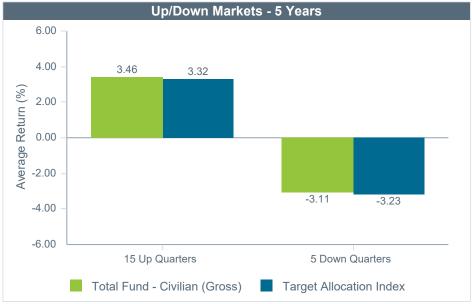


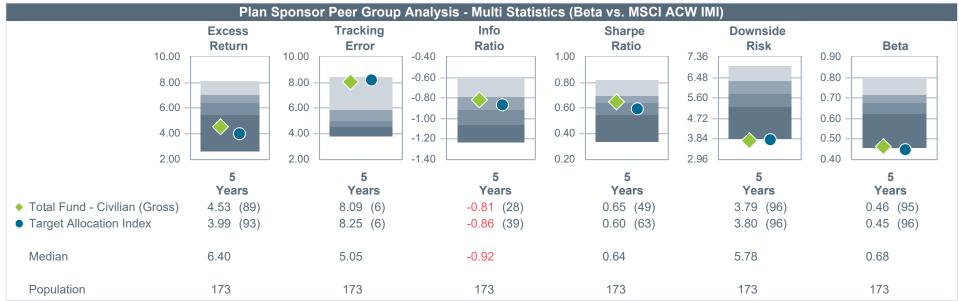
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Total Fund - Civilian (Gross) vs. All Public Plans (<\$250 Million)



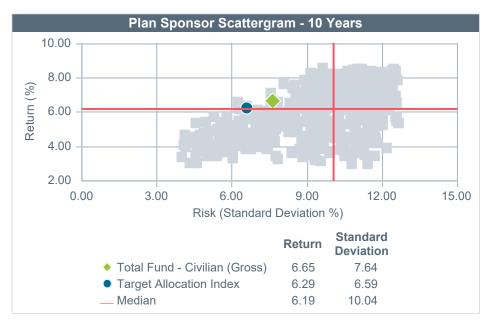


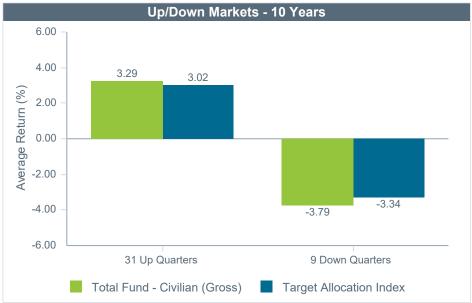


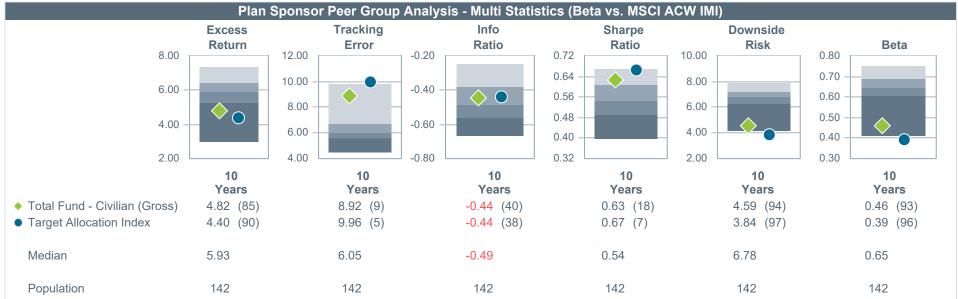
Performance shown is gross of fees. Calculation is based on quarterly periodicity. Parentheses contain percentile ranks.



Total Fund - Civilian (Gross) vs. All Public Plans (<\$250 Million)



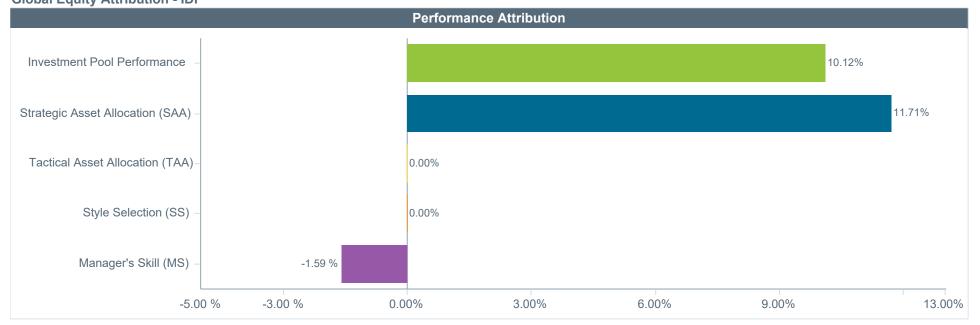


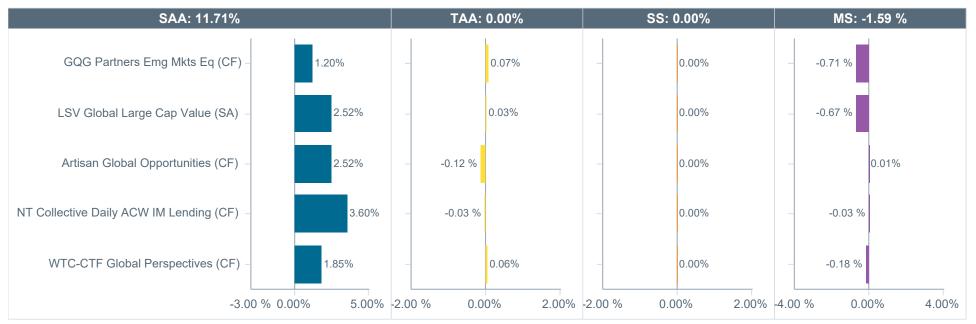


Performance shown is gross of fees. Calculation is based on quarterly periodicity. Parentheses contain percentile ranks.



### Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees Global Equity Attribution - IDP

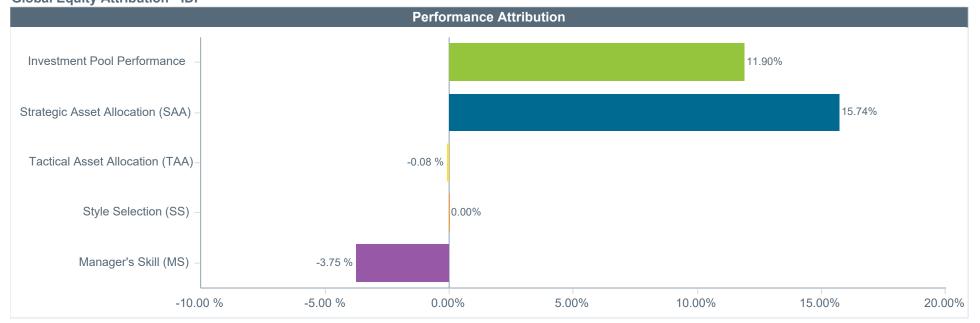


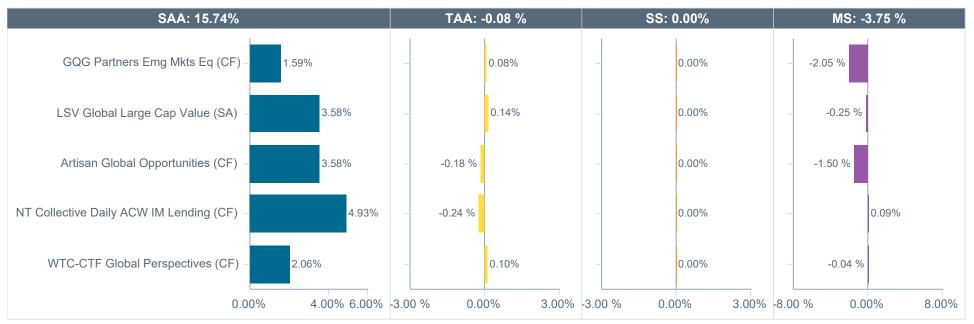


Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.



### Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees Global Equity Attribution - IDP





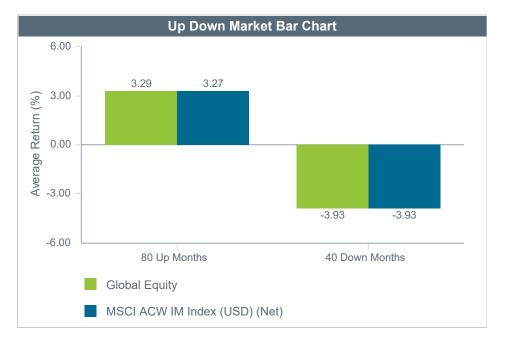
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## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees

Global Equity vs. IM Global Large Cap Equity (SA + CF)







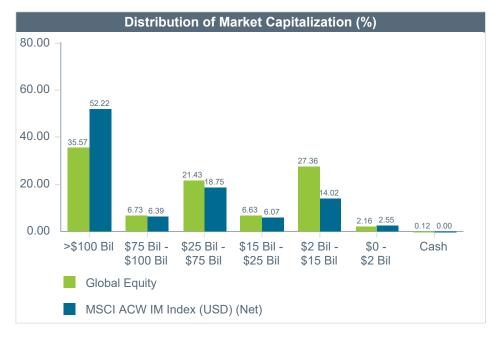
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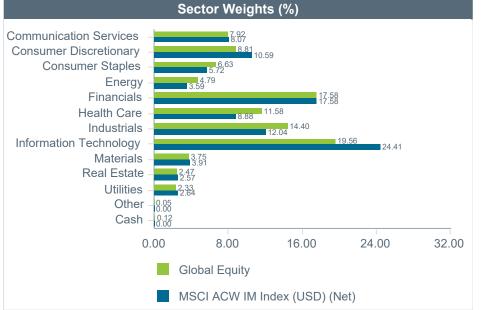


### Kansas City Police Employees' Retirement Systems Global Equity vs. MSCI ACW IM Index (USD) (Net) Portfolio Characteristics

Top Ter	n Equity H	oldings		
	Portfolio Weight (%)	Benchmark Weight (%)	Active Weight (%)	Quarterly Return (%)
Netflix Inc	1.52	0.61	0.91	43.60
Amazon.com Inc	1.49	2.22	-0.73	15.31
NVIDIA Corporation	1.26	4.09	-2.83	45.78
Apple Inc	1.23	3.27	-2.04	-7.52
Microsoft Corp	1.15	3.72	-2.57	32.75
Taiwan Semiconductor Mfg	1.12	0.95	0.17	32.97
Boston Scientific Corp	1.06	0.17	0.89	6.47
Tencent Holdings LTD	0.96	0.44	0.52	1.20
Oracle Corp	0.91	0.39	0.52	56.96
London Stock Exchange Group PLC	0.86	0.07	0.79	-0.70
% of Portfolio	11.56	15.93	-4.37	

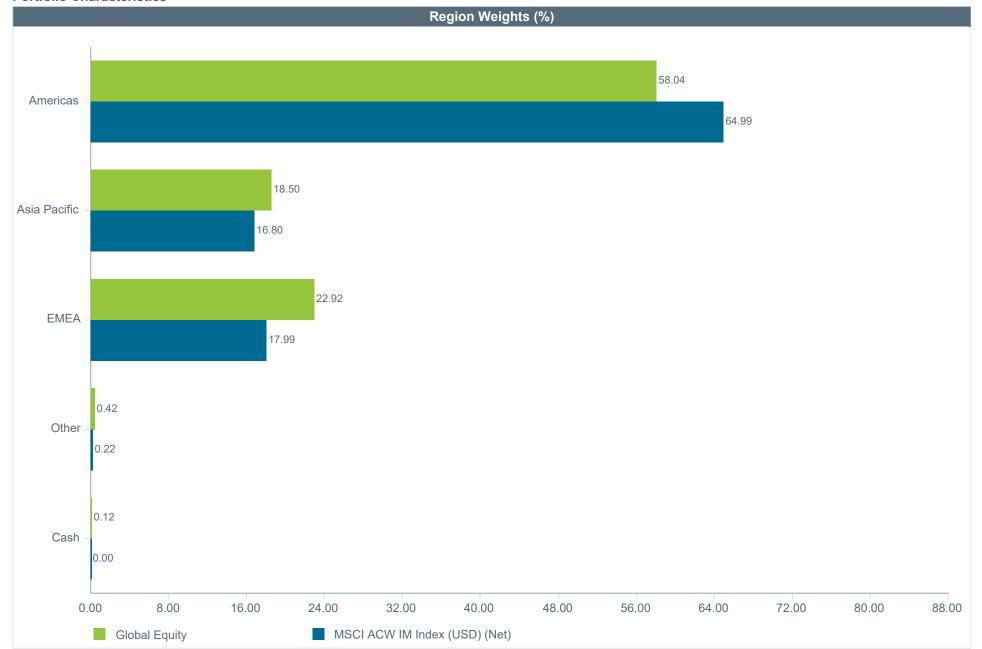
Portfo	lio Characteristics	
	Portfolio	Benchmark
Vtd. Avg. Mkt. Cap (\$M)	303,656	661,264
Median Mkt. Cap (\$M)	2,783	2,777
Price/Earnings Ratio	19.51	21.70
Price/Book Ratio	3.18	3.76
5 Yr. EPS Growth Rate (%)	17.58	20.50
Current Yield (%)	2.13	1.88
Beta (5 Years, Monthly)	0.98	1.00
Number of Securities	8,452	8,274





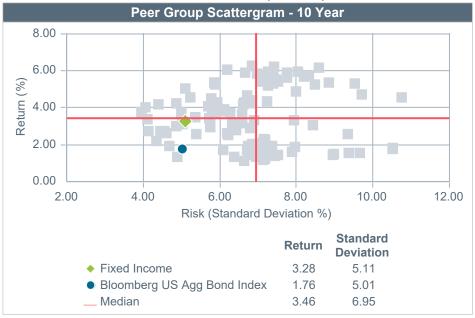


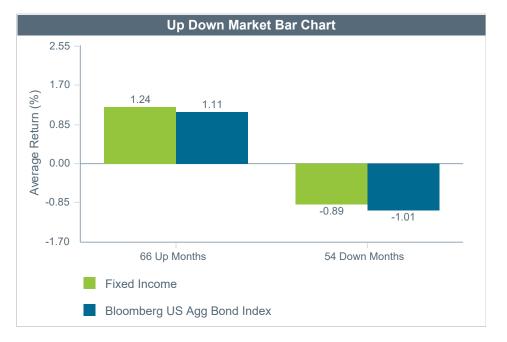




## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees

Fixed Income vs. IM Global Fixed Income (SA + CF)





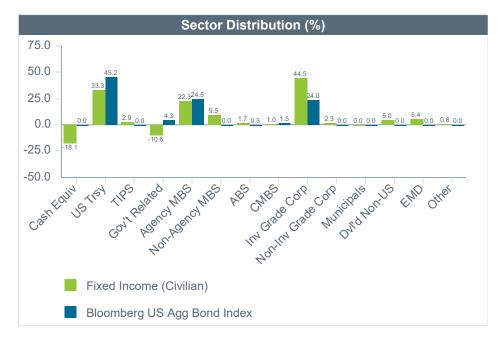


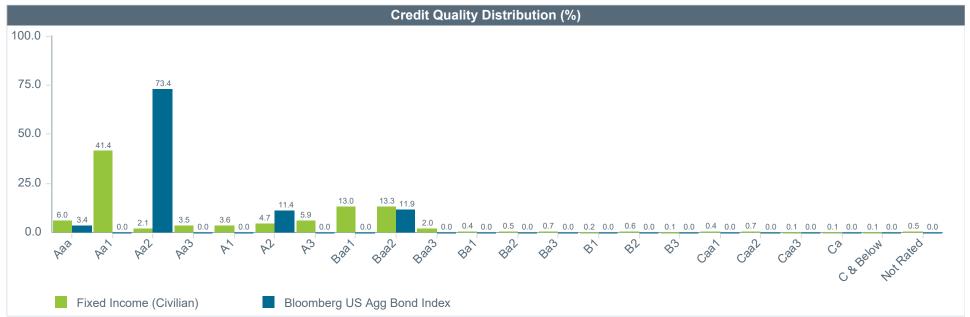
Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.



#### Kansas City Police Employees' Retirement Systems Fixed Income (Civilian) vs. Bloomberg US Agg Bond Index Portfolio Characteristics

F	Portfolio Characteristics	
	Portfolio	Benchmark
Effective Duration	5.80	6.06
Avg. Maturity	8.07	8.33
Avg. Quality	A2	Aa2/Aa3
Coupon Rate (%)	3.92	3.56
Yield To Maturity (%)	4.76	4.51
Holdings Count	9,746	13,874





Allocation to "Other" consists of Convertible Bonds, Preferred Stock, and Euro/Yankee Bonds. PIMCO:Income;Inst (PIMIX) effective duration is used as modified duration.



## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees Asset Allocation & Performance - Gross of Fees

State   Stat		Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
MSCI Wrid Index (USD) (Net)  10.49 11.47 9.47 16.26 18.31 14.55 11.61 10.66 18.67 23.79 -18.14 10.00  Difference  1.11 2.81 2.19 0.54 13.47 13.47 13.47 13.27 16.26 18.31 14.55 1.61 8.57 7.79 10.13 1.44  MSCI Wrid Val Index (USD) (Net) 6.84 5.38 10.45 15.40 13.47 13.47 13.27 16.20 11.47 11.51 6.55 6.88  Difference  2.54 3.28 1.21 0.021 1.44 1.88 1.53 1.36 1.37 13.7 13.7 13.7 13.7 13.7 13.7 13.7	Global Equity														
Difference	LSV Global Large Cap Value (SA)	\$16.50	9.38	8.66	11.66	15.72	14.92	15.35	9.75	9.05	10.10	15.86	-8.02	8.55	05/01/2014
MSCI Wrid Val Index (USD) (Net) 6.84 5.38 10.45 15.94 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 13.47 14.55 1.50 167 1016rence 2.54 3.28 12.1 12.1 12.1 12.1 14.1 18.8 1.53 1.38 1.39 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30	MSCI Wrld Index (USD) (Net)		10.49		9.47	16.26		14.55	11.61	10.66	18.67	23.79	-18.14		
Difference   2.54   3.28   1.21   -0.21   1.44   1.88   1.53   1.36   -1.37   4.35   -1.50   1.67	Difference		-1.11	-2.81	2.19	-0.54	-3.39	0.80	-1.85	-1.61	-8.57	-7.92	10.13	-1.44	
M Global Large Cap Value Equity (SA+CF) Median   8.32   8.44   12.32   16.13   15.42   14.01   9.85   9.10   10.53   19.37   -10.19   8.37	MSCI Wrld Val Index (USD) (Net)		6.84	5.38	10.45	15.94	13.47	13.47	8.23	7.69	11.47	11.51	-6.52	6.88	
Rank    Same   S	Difference		2.54	3.28	1.21	-0.21	1.44	1.88	1.53	1.36	-1.37	4.35	-1.50	1.67	
Artisan Global Opportunities (CF) \$15.56 9.25 11.74 6.86 10.06 16.39 9.68 11.47 11.99 16.27 24.47 -29.59 12.22 05/01/2014 MSCI Wrid Index (USD) (Net) 10.49 11.47 9.47 16.26 18.31 14.55 11.61 10.66 18.67 23.79 -18.14 10.00 Difference -1.24 0.27 -2.61 -6.20 -1.92 -4.67 -0.14 1.34 -2.40 0.68 -11.45 2.22 MSCI Wrid Grith Index (USD) (Net) 14.04 17.67 8.55 16.59 23.02 15.09 14.45 13.23 25.92 37.00 -29.21 12.77 Difference -4.79 -5.93 -1.69 -6.53 -6.63 -5.41 -2.99 -1.24 -9.65 1-2.53 -0.38 -0.54 IM Global Large Cap Growth Equity (SA+CF) Median 10.40 12.28 9.73 13.20 16.74 12.46 11.68 11.65 16.08 22.60 -23.19 11.20 Rank 61 56 78 74 51 83 56 42 49 39 78 29   NT Collective Daily ACW IM Lending (CF) \$23.01 10.55 11.56 10.01 16.18 17.05 13.68 10.69 16.62 21.70 -17.76 9.49 03/01/2014 MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07 Difference -0.03 -0.06 0.18 0.29 0.25 0.28 0.35 0.40 0.25 0.12 0.64 0.42 IM Global Large Cap Cap Cap Equity (SA+CF) Median 9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94 Rank 42 44 53 42 49 51 55 61 42 48 56 63   WTC-CTF Global Perspectives (CF) \$11.51 10.25 11.40 9.66 14.35 14.41 9.11 16.75 13.89 14.20 11/01/2020 MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39 Difference -1.02 -0.97 1.66 0.69 39 35 23 58 54 27 38   GQG Partners Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.99 4.77 Difference -5.23 6.45 9.61 -17.43 3.24 5.88 54 2.71 3.81 II 11/01/2020 MSCI Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.99 4.77 Difference -5.23 6.45 9.61 -17.43 3.24 5.88 54 2.71 3.81 II 11/01/2020 MSCI Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.99 4.77 Difference -5.23 6.45 9.61 -17.43 3.24 5.00 7.00 7.21.19 0.55 1.34 II 11/01/2020 MSCI Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.99 4.77 Difference -	IM Global Large Cap Value Equity (SA+CF) Median		8.32	8.44	12.32	16.13	15.42	14.01	9.85	9.10	10.53	19.37	-10.19	8.37	
MSCI Wrid Index (USD) (Net)	Rank		36	46	61	54	62	30	53	52	54	69	35	46	
Difference   -1.24   0.27   -2.61   -6.20   -1.92   -4.87   -0.14   1.34   -2.40   0.68   -11.45   2.22     MSCI Wrid Grith Index (USD) (Net)   14.04   17.67   8.55   16.59   23.02   15.09   14.45   13.23   25.92   37.00   -29.21   12.77     Difference   -4.79   -5.93   -1.69   -6.53   -6.63   -6.61   -6.20   -1.45   -1.28   -1.28   -1.28     IM Global Large Cap Growth Equity (SA+CF) Median   10.40   12.28   9.73   13.20   16.74   12.46   11.68   11.65   16.08   22.60   -23.19   11.20     Rank   61   56   78   74   51   83   56   42   49   39   78   29     NT Collective Daily ACW IM Lending (CF)   \$23.01   10.55   11.56   10.01   16.18   17.05   13.68   10.63   10.09   16.62   21.70   -17.76   9.49   03/01/2014     MSCI ACW IM Index (USD) (Net)   10.58   11.62   9.82   15.89   16.80   13.40   10.28   9.69   16.37   21.58   -18.40   9.07     IM Global Large Cap Core Equity (SA+CF) Median   9.99   10.99   10.07   15.62   16.95   13.75   10.77   10.53   15.09   21.08   -16.80   9.94     Rank   42   44   53   42   49   51   55   61   42   48   56   63    WTC-CTF Global Perspectives (CF)   \$11.51   10.25   11.40   9.56   14.35   14.41   -	Artisan Global Opportunities (CF)	\$15.56	9.25	11.74	6.86	10.06	16.39	9.68	11.47	11.99	16.27	24.47	-29.59	12.22	05/01/2014
MSCI Wrld Grth Index (USD) (Net)  14.04 17.67 8.55 16.59 23.02 15.09 14.45 13.23 25.92 37.00 -29.21 12.77  Difference  4.79 -5.93 -1.69 -6.53 -6.63 -5.41 -2.99 -1.24 -9.65 -12.53 -0.38 -0.54  IM Global Large Cap Growth Equity (SA+CF) Median  10.40 12.28 9.73 13.20 16.74 12.46 11.68 11.65 16.08 22.60 -23.19 11.20  Rank  6.61 5.6 78 74 51 83 56 42 49 39 78 29  NT Collective Daily ACW IM Lending (CF)  \$23.01 10.55 11.56 10.01 16.18 17.05 13.68 10.63 10.09 16.62 21.70 -17.76 9.49 03/01/2014  MSCI ACW IM Index (USD) (Net)  10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07  Difference  -0.03 -0.06 0.18 0.29 0.25 0.28 0.35 0.40 0.25 0.12 0.64 0.42  IM Global Large Cap Core Equity (SA+CF) Median  9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank  42 44 53 42 49 51 55 61 42 48 56 63  WTC-CTF Global Perspectives (CF)  \$11.51 10.25 11.40 9.56 14.35 14.41 -	MSCI Wrld Index (USD) (Net)		10.49	11.47	9.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	10.00	
Difference   4.79   -5.93   -1.69   -6.53   -6.63   -5.41   -2.99   -1.24   -9.65   -12.53   -0.38   -0.54     IM Global Large Cap Growth Equity (SA+CF) Median   10.40   12.28   9.73   13.20   16.74   12.46   11.68   11.65   16.08   22.60   -23.19   11.20     Rank   61   56   78   74   51   83   56   42   49   39   78   29     NT Collective Daily ACW IM Lending (CF)   \$23.01   10.55   11.56   10.01   16.18   17.05   13.68   10.63   10.09   16.62   21.70   -17.76   9.49   03/01/2014     MSCI ACW IM Index (USD) (Net)   10.58   11.62   9.82   15.89   16.80   13.40   10.28   9.69   16.37   21.58   -18.40   9.07     Difference   -0.03   -0.06   0.18   0.29   0.25   0.28   0.35   0.40   0.25   0.12   0.64   0.42     IM Global Large Cap Core Equity (SA+CF) Median   9.99   10.07   15.62   16.95   13.75   10.77   10.53   15.09   21.08   -16.80   9.94     Rank   42   44   53   42   49   51   55   61   42   48   56   63    WTC-CTF Global Perspectives (CF)   \$11.51   10.25   11.40   9.56   14.35   14.41   -	Difference		-1.24	0.27	-2.61	-6.20	-1.92	-4.87	-0.14	1.34	-2.40	0.68	-11.45	2.22	
IM Global Large Cap Growth Equity (SA+CF) Median  10.40 12.28 9.73 13.20 16.74 12.46 11.68 11.65 16.08 22.60 -23.19 11.20 Rank 61 56 78 74 51 83 56 42 49 39 78 29  NT Collective Daily ACW IM Lending (CF) \$23.01 10.55 11.56 10.01 16.18 17.05 13.68 10.63 10.09 16.62 21.70 -17.76 9.49 03/01/2014 MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07 Difference -0.03 -0.06 0.18 0.29 0.25 0.28 0.35 0.40 0.25 0.12 0.64 0.42 IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94 Rank 42 44 53 42 49 51 55 61 42 48 56 63  WTC-CTF Global Perspectives (CF) \$11.51 10.25 11.40 9.56 14.35 14.41 9.11 16.75 -13.89 14.20 11/01/2020 MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39 Difference -1.02 -0.97 1.66 0.78 2.01 1.45 -0.08 4.78 3.80 IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 -20.79 11.21 Rank 60 60 69 39 35 23 58 54 27 38  GQG Partners Emg Mkts Eq (CF) \$7.63 5.31 5.54 5.66 -2.14 12.94	MSCI Wrld Grth Index (USD) (Net)		14.04	17.67	8.55	16.59	23.02	15.09	14.45	13.23	25.92	37.00	-29.21	12.77	
Rank  61 56 78 74 51 83 56 42 49 39 78 29  NT Collective Daily ACW IM Lending (CF) \$23.01 10.55 11.56 10.01 16.18 17.05 13.68 10.63 10.09 16.62 21.70 -17.76 9.49 03/01/2014  MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07  Difference -0.03 -0.06 0.18 0.29 0.25 0.28 0.35 0.40 0.25 0.12 0.64 0.42  IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank 42 44 53 42 49 51 55 61 42 48 56 63  WTC-CTF Global Perspectives (CF) \$11.51 10.25 11.40 9.56 14.35 14.41 9.11 16.75 -13.89 14.20 11/01/2020  MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39  Difference -1.02 -0.97 1.66 0.78 2.01 1.45 -0.08 4.78 3.80  IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 -20.79 11.21  Rank 60 69 39 35 523 5 58 54 27 38  GQG Partners Emg Mkts Eq (CF) \$7.63 5.31 5.54 5.66 -2.14 12.94 5 7.58 31.02 -20.64 6.11 11/01/2020  MSCI Eng Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77  Difference -5.23 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34  IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	Difference		-4.79	-5.93	-1.69	-6.53	-6.63	-5.41	-2.99	-1.24	-9.65	-12.53	-0.38	-0.54	
NT Collective Daily ACW IM Lending (CF) \$23.01 10.55 11.56 10.01 16.18 17.05 13.68 10.63 10.09 16.62 21.70 -17.76 9.49 03/01/2014 MSCI ACW IM Index (USD) (Net) 10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07 Difference -0.03 -0.06 0.18 0.29 0.25 0.28 0.35 0.40 0.25 0.12 0.64 0.42 IM Global Large Cap Core Equity (SA+CF) Median 9.99 10.99 10.97 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94 Rank 42 44 53 42 49 51 55 61 42 48 56 63   WTC-CTF Global Perspectives (CF) \$11.51 10.25 11.40 9.56 14.35 14.41 9.11 16.75 -13.89 14.20 11/01/2020 MSCI ACW Sm Cap Index (USD) (Net) 11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39 Difference -1.02 -0.97 1.66 0.78 2.01 1.45 -0.08 4.78 3.80 IM Global Small Cap Equity (SA+CF) Median 10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 -20.79 11.21 Rank 60 69 39 35 23 58 54 27 38   GQG Partners Emg Mkts Eq (CF) \$7.63 5.31 5.54 5.66 -2.14 12.94 58 54 27 38   GQG Partners Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77 Difference -5.23 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34   IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	IM Global Large Cap Growth Equity (SA+CF) Median		10.40	12.28	9.73	13.20	16.74	12.46	11.68	11.65	16.08	22.60	-23.19	11.20	
MSCI ACW IM Index (USD) (Net)  10.58 11.62 9.82 15.89 16.80 13.40 10.28 9.69 16.37 21.58 -18.40 9.07  Difference  -0.03 -0.06 0.18 0.29 0.25 0.28 0.35 0.40 0.25 0.12 0.64 0.42  IM Global Large Cap Core Equity (SA+CF) Median  9.99 10.99 10.07 15.62 16.95 13.75 10.77 10.53 15.09 21.08 -16.80 9.94  Rank  42 44 53 42 49 51 55 61 42 48 56 63  WTC-CTF Global Perspectives (CF)  \$11.51 10.25 11.40 9.56 14.35 14.41 9.11 16.75 -13.89 14.20 11/01/2020  MSCI ACW Sm Cap Index (USD) (Net)  11.28 12.37 7.90 13.57 12.40 11.33 6.64 7.44 7.66 16.84 -18.67 10.39  Difference  -1.02 -0.97 1.66 0.78 2.01 1.45 -0.08 4.78 3.80  IM Global Small Cap Equity (SA+CF) Median  10.88 12.50 8.33 12.70 13.13 11.93 9.22 10.32 10.23 18.14 -20.79 11.21  Rank  60 69 39 35 23 5 58 54 27 38  GQG Partners Emg Mkts Eq (CF)  \$7.63 5.31 5.54 5.66 -2.14 12.94 7.58 31.02 -20.64 6.11 11/01/2020  MSCI Emg Mkts Index (USD) (Net)  10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77  Difference  -5.23 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34  IM Emerging Markets Equity (SA+CF) Median  10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	Rank		61	56	78	74	51	83	56	42	49	39	78	29	
Difference   -0.03	NT Collective Daily ACW IM Lending (CF)	\$23.01	10.55	11.56	10.01	16.18	17.05	13.68	10.63	10.09	16.62	21.70	-17.76	9.49	03/01/2014
IM Global Large Cap Core Equity (SA+CF) Median       9.99       10.99       10.07       15.62       16.95       13.75       10.77       10.53       15.09       21.08       -16.80       9.94         Rank       42       44       53       42       49       51       55       61       42       48       56       63         WTC-CTF Global Perspectives (CF)       \$11.51       10.25       11.40       9.56       14.35       14.41       -       -       -       9.11       16.75       -13.89       14.20       11/01/2020         MSCI ACW Sm Cap Index (USD) (Net)       11.28       12.37       7.90       13.57       12.40       11.33       6.64       7.44       7.66       16.84       -18.67       10.39         Difference       -1.02       -0.97       1.66       0.78       2.01       -       -       -       1.45       -0.08       4.78       3.80         IM Global Small Cap Equity (SA+CF) Median       10.88       12.50       8.33       12.70       13.13       11.93       9.22       10.32       10.23       18.14       -20.79       11.21         Rank       60       69       39       35       23       -       -	MSCI ACW IM Index (USD) (Net)		10.58	11.62	9.82	15.89	16.80	13.40	10.28	9.69	16.37	21.58	-18.40	9.07	
Rank         42         44         53         42         49         51         55         61         42         48         56         63           WTC-CTF Global Perspectives (CF)         \$11.51         10.25         11.40         9.56         14.35         14.41         -         -         -         9.11         16.75         -13.89         14.20         11/01/2020           MSCI ACW Sm Cap Index (USD) (Net)         11.28         12.37         7.90         13.57         12.40         11.33         6.64         7.44         7.66         16.84         -18.67         10.39           Difference         -1.02         -0.97         1.66         0.78         2.01         -         -         1.45         -0.08         4.78         3.80           IM Global Small Cap Equity (SA+CF) Median         10.88         12.50         8.33         12.70         13.13         11.93         9.22         10.32         10.23         18.14         -20.79         11.21           Rank         60         69         39         35         23         -         -         58         54         27         38           GQG Partners Emg Mkts Eq (CF)         \$7.63         5.31         5	Difference		-0.03	-0.06	0.18	0.29	0.25	0.28	0.35	0.40	0.25	0.12	0.64	0.42	
WTC-CTF Global Perspectives (CF)         \$11.51         10.25         11.40         9.56         14.35         14.41         -         -         9.11         16.75         -13.89         14.20         11/01/2020           MSCI ACW Sm Cap Index (USD) (Net)         11.28         12.37         7.90         13.57         12.40         11.33         6.64         7.44         7.66         16.84         -18.67         10.39           Difference         -1.02         -0.97         1.66         0.78         2.01         -         -         -         1.45         -0.08         4.78         3.80           IM Global Small Cap Equity (SA+CF) Median         10.88         12.50         8.33         12.70         13.13         11.93         9.22         10.32         10.23         18.14         -20.79         11.21           Rank         60         69         39         35         23         -         -         -         58         54         27         38           GQG Partners Emg Mkts Eq (CF)         \$7.63         5.31         5.54         5.66         -2.14         12.94         -         -         -         7.58         31.02         -20.64         6.11         11/01/2020	IM Global Large Cap Core Equity (SA+CF) Median		9.99	10.99	10.07	15.62	16.95	13.75	10.77	10.53	15.09	21.08	-16.80	9.94	
MSCI ACW Sm Cap Index (USD) (Net)       11.28       12.37       7.90       13.57       12.40       11.33       6.64       7.44       7.66       16.84       -18.67       10.39         Difference       -1.02       -0.97       1.66       0.78       2.01       -       -       -       1.45       -0.08       4.78       3.80         IM Global Small Cap Equity (SA+CF) Median       10.88       12.50       8.33       12.70       13.13       11.93       9.22       10.32       10.23       18.14       -20.79       11.21         Rank       60       69       39       35       23       -       -       -       58       54       27       38         GQG Partners Emg Mkts Eq (CF)       \$7.63       5.31       5.54       5.66       -2.14       12.94       -       -       -       7.58       31.02       -20.64       6.11       11/01/2020         MSCI Emg Mkts Index (USD) (Net)       10.54       11.99       15.27       15.29       9.70       6.81       4.48       4.81       7.50       9.83       -20.09       4.77         Difference       -5.23       -6.45       -9.61       -17.43       3.24       -       -       - <td>Rank</td> <td></td> <td>42</td> <td>44</td> <td>53</td> <td>42</td> <td>49</td> <td>51</td> <td>55</td> <td>61</td> <td>42</td> <td>48</td> <td>56</td> <td>63</td> <td></td>	Rank		42	44	53	42	49	51	55	61	42	48	56	63	
Difference         -1.02         -0.97         1.66         0.78         2.01         -         -         1.45         -0.08         4.78         3.80           IM Global Small Cap Equity (SA+CF) Median         10.88         12.50         8.33         12.70         13.13         11.93         9.22         10.32         10.23         18.14         -20.79         11.21           Rank         60         69         39         35         23         -         -         58         54         27         38           GQG Partners Emg Mkts Eq (CF)         \$7.63         5.31         5.54         5.66         -2.14         12.94         -         -         -         7.58         31.02         -20.64         6.11         11/01/2020           MSCI Emg Mkts Index (USD) (Net)         10.54         11.99         15.27         15.29         9.70         6.81         4.48         4.81         7.50         9.83         -20.09         4.77           Difference         -5.23         -6.45         -9.61         -17.43         3.24         -         -         -         0.07         21.19         -0.55         1.34           IM Emerging Markets Equity (SA+CF) Median         10.90         12.60	WTC-CTF Global Perspectives (CF)	\$11.51	10.25	11.40	9.56	14.35	14.41	-	-	-	9.11	16.75	-13.89	14.20	11/01/2020
IM Global Small Cap Equity (SA+CF) Median       10.88       12.50       8.33       12.70       13.13       11.93       9.22       10.32       10.23       18.14       -20.79       11.21         Rank       60       69       39       35       23       -       -       -       58       54       27       38    GQG Partners Emg Mkts Eq (CF)       \$7.63       5.31       5.54       5.66       -2.14       12.94       -       -       -       7.58       31.02       -20.64       6.11       11/01/2020          MSCI Emg Mkts Index (USD) (Net)       10.54       11.99       15.27       15.29       9.70       6.81       4.48       4.81       7.50       9.83       -20.09       4.77         Difference       -5.23       -6.45       -9.61       -17.43       3.24       -       -       -       0.07       21.19       -0.55       1.34         IM Emerging Markets Equity (SA+CF) Median       10.90       12.60       15.11       15.35       12.00       9.04       6.17       6.23       8.18       12.91       -19.50       6.76	MSCI ACW Sm Cap Index (USD) (Net)		11.28	12.37	7.90	13.57	12.40	11.33	6.64	7.44	7.66	16.84	-18.67	10.39	
Rank       60       69       39       35       23       -       -       58       54       27       38         GQG Partners Emg Mkts Eq (CF)       \$7.63       5.31       5.54       5.66       -2.14       12.94       -       -       -       7.58       31.02       -20.64       6.11       11/01/2020         MSCI Emg Mkts Index (USD) (Net)       10.54       11.99       15.27       15.29       9.70       6.81       4.48       4.81       7.50       9.83       -20.09       4.77         Difference       -5.23       -6.45       -9.61       -17.43       3.24       -       -       -       0.07       21.19       -0.55       1.34         IM Emerging Markets Equity (SA+CF) Median       10.90       12.60       15.11       15.35       12.00       9.04       6.17       6.23       8.18       12.91       -19.50       6.76	Difference		-1.02	-0.97	1.66	0.78	2.01	-	-	-	1.45	-0.08	4.78	3.80	
GQG Partners Emg Mkts Eq (CF)         \$7.63         5.31         5.54         5.66         -2.14         12.94         -         -         -         7.58         31.02         -20.64         6.11         11/01/2020           MSCI Emg Mkts Index (USD) (Net)         10.54         11.99         15.27         15.29         9.70         6.81         4.48         4.81         7.50         9.83         -20.09         4.77           Difference         -5.23         -6.45         -9.61         -17.43         3.24         -         -         -         0.07         21.19         -0.55         1.34           IM Emerging Markets Equity (SA+CF) Median         10.90         12.60         15.11         15.35         12.00         9.04         6.17         6.23         8.18         12.91         -19.50         6.76	IM Global Small Cap Equity (SA+CF) Median		10.88	12.50	8.33	12.70	13.13	11.93	9.22	10.32	10.23	18.14	-20.79	11.21	
MSCI Emg Mkts Index (USD) (Net) 10.54 11.99 15.27 15.29 9.70 6.81 4.48 4.81 7.50 9.83 -20.09 4.77  Difference -5.23 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34  IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	Rank		60	69	39	35	23	-	-	-	58	54	27	38	
Difference -5.23 -6.45 -9.61 -17.43 3.24 0.07 21.19 -0.55 1.34 IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	GQG Partners Emg Mkts Eq (CF)	\$7.63	5.31	5.54	5.66	-2.14	12.94	-	-	-	7.58	31.02	-20.64	6.11	11/01/2020
IM Emerging Markets Equity (SA+CF) Median 10.90 12.60 15.11 15.35 12.00 9.04 6.17 6.23 8.18 12.91 -19.50 6.76	MSCI Emg Mkts Index (USD) (Net)		10.54	11.99	15.27	15.29	9.70	6.81	4.48	4.81	7.50	9.83	-20.09	4.77	
	Difference		-5.23	-6.45	-9.61	-17.43	3.24	-	-	-	0.07	21.19	-0.55	1.34	
Rank 97 95 94 99 37 56 4 59 54	IM Emerging Markets Equity (SA+CF) Median		10.90	12.60	15.11	15.35	12.00	9.04	6.17	6.23	8.18	12.91	-19.50	6.76	
	Rank		97	95	94	99	37	-	-	-	56	4	59	54	

Performance shown is gross of fees, unless otherwise noted. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Fixed Income performance is currently unavailable.



## **Kansas City Police Employees' Retirement Systems** KCPERS Civilian Employees Asset Allocation & Performance - Gross of Fees

	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Fixed Income														
FCI Advisors (SA)	\$39.19	1.10	1.49	4.30	6.56	3.27	-0.57	2.41	2.31	1.79	6.09	-13.42	4.03	03/01/2001
Bloomberg US Govt Crdt Bond Index		0.79	1.22	3.95	5.89	2.61	-0.83	1.96	1.92	1.18	5.72	-13.58	3.73	
Difference		0.30	0.27	0.35	0.67	0.66	0.26	0.45	0.39	0.61	0.37	0.16	0.29	
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	3.64	
Difference		0.29	0.28	0.28	0.48	0.72	0.16	0.64	0.55	0.54	0.56	-0.41	0.39	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median		0.93	1.28	4.17	6.42	3.06	-0.19	2.30	2.28	1.91	6.00	-12.95	4.16	
Rank		20	14	34	41	32	80	36	49	57	48	79	60	
PIMCO:Income;Inst (PIMIX)	\$21.73	2.06	2.34	5.84	9.85	7.82	4.89	4.71	-	5.94	9.86	-7.34	4.38	09/01/2017
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.36	
Difference		1.25	1.14	1.82	3.78	5.27	5.62	2.94	-	4.69	4.33	5.67	3.02	
IM Multi-Sector General Bond (MF) Median		2.12	2.43	4.46	8.48	6.70	4.08	4.26	4.28	5.95	9.12	-10.80	3.90	
Rank		52	53	10	16	30	18	27	-	51	37	20	23	
Direct Lending														
White Oak Fixed Income C LP	\$10.62	0.00	0.00	0.41	9.07	6.41	6.04	6.25	-	8.07	11.56	-1.77	6.62	04/01/2018
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	7.10	
Difference		0.00	0.00	-0.70	2.45	-4.28	-2.89	-0.92	-	-3.16	-3.74	-2.69	-0.48	
Ares Pathfinder Core LP	\$7.04	0.00	0.00	2.15	7.81	-	-	-	-	-	-	-	7.81	07/01/2024
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	6.63	
Difference		0.00	0.00	1.04	1.19	-	-	-	-	-	-	-	1.19	
Real Estate														
Morgan Stanley Prime Property LLC	\$10.33	0.58	0.58	2.05	3.41	-2.05	5.72	5.68	7.19	0.21	-4.98	7.38	7.87	10/01/2014
NCREIF ODCE Index (AWA) (Gross)		1.03	1.03	2.10	3.54	-5.43	3.43	3.67	5.35	-1.43	-12.02	7.47	5.98	
Difference		-0.45	-0.45	-0.06	-0.14	3.38	2.29	2.01	1.84	1.64	7.03	-0.08	1.89	
PGIM Real Estate PRISA II (CF)	\$9.41	1.67	1.67	2.99	6.58	-5.43	3.69	4.07	6.22	-1.45	-12.28	7.02	6.72	10/01/2004
NCREIF ODCE Index (AWA) (Gross)		1.03	1.03	2.10	3.54	-5.43	3.43	3.67	5.35	-1.43	-12.02	7.47	6.54	
Difference		0.64	0.64	0.89	3.03	0.00	0.27	0.40	0.87	-0.02	-0.26	-0.44	0.18	
Absolute Return														
Grosvenor FOB (CF) (Net)	\$16.66	3.51	4.65	4.48	11.28	9.74	8.05	5.87	5.00	13.90	9.33	-6.52	4.98	08/01/2014
HFN FOF Multi-Strat Index (Net)		2.56	2.52	2.65	6.62	5.84	6.11	4.48	3.57	7.25	4.80	-1.35	3.63	
Difference		0.95	2.13	1.82	4.66	3.90	1.94	1.38	1.43	6.65	4.53	-5.17	1.35	
ICE BofA 3 Mo US T-Bill Index+5%		1.52	2.28	4.59	9.91	9.78	7.90	7.66	7.07	10.51	10.27	6.53	6.90	
Difference		1.99	2.37	-0.12	1.37	-0.04	0.15	-1.80	-2.07	3.39	-0.94	-13.05	-1.92	

Performance shown is gross of fees, unless otherwise noted. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Fixed Income performance is currently unavailable.



## **Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees**

**Asset Allocation & Performance - Net of Fees** 

	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Global Equity														
LSV Global Large Cap Value (SA)	\$16.50	9.38	8.49	11.31	15.02	14.22	14.65	9.07	8.37	9.43	15.15	-8.58	7.88	05/01/2014
MSCI Wrld Index (USD) (Net)		10.49	11.47	9.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	10.00	
Difference		-1.11	-2.98	1.84	-1.24	-4.09	0.09	-2.53	-2.29	-9.24	-8.64	9.57	-2.12	
MSCI Wrld Val Index (USD) (Net)		6.84	5.38	10.45	15.94	13.47	13.47	8.23	7.69	11.47	11.51	-6.52	6.88	
Difference		2.54	3.11	0.86	-0.91	0.74	1.17	0.85	0.67	-2.03	3.64	-2.06	1.00	
Artisan Global Opportunities (CF)	\$15.56	9.10	11.52	6.41	9.14	15.42	8.75	10.53	11.05	15.30	23.43	-30.20	11.28	05/01/2014
MSCI Wrld Index (USD) (Net)		10.49	11.47	9.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	10.00	
Difference		-1.39	0.04	-3.06	-7.12	-2.89	-5.80	-1.08	0.39	-3.37	-0.36	-12.06	1.28	
MSCI Wrld Grth Index (USD) (Net)		14.04	17.67	8.55	16.59	23.02	15.09	14.45	13.23	25.92	37.00	-29.21	12.77	
Difference		-4.94	-6.16	-2.14	-7.46	-7.60	-6.34	-3.93	-2.18	-10.62	-13.57	-0.99	-1.49	
NT Collective Daily ACW IM Lending (CF)	\$23.01	10.54	11.53	9.96	16.09	16.96	13.59	10.54	10.01	16.53	21.61	-17.83	9.40	03/01/2014
MSCI ACW IM Index (USD) (Net)		10.58	11.62	9.82	15.89	16.80	13.40	10.28	9.69	16.37	21.58	-18.40	9.07	
Difference		-0.04	-0.08	0.14	0.19	0.16	0.19	0.27	0.31	0.16	0.02	0.58	0.33	
WTC-CTF Global Perspectives (CF)	\$11.51	10.10	11.17	9.11	13.38	13.45	-	-	-	8.18	15.78	-14.63	13.24	11/01/2020
MSCI ACW Sm Cap Index (USD) (Net)		11.28	12.37	7.90	13.57	12.40	11.33	6.64	7.44	7.66	16.84	-18.67	10.39	
Difference		-1.17	-1.20	1.20	-0.19	1.05	-	-	-	0.52	-1.06	4.04	2.84	
GQG Partners Emg Mkts Eq (CF)	\$7.63	5.17	5.33	5.24	-2.92	12.05	-	-	-	6.72	30.00	-21.28	5.27	11/01/2020
MSCI Emg Mkts Index (USD) (Net)		10.54	11.99	15.27	15.29	9.70	6.81	4.48	4.81	7.50	9.83	-20.09	4.77	
Difference		-5.37	-6.65	-10.03	-18.21	2.34	-	-	-	-0.78	20.17	-1.19	0.49	
Fixed Income														
FCI Advisors (SA)	\$39.19	1.07	1.45	4.23	6.41	3.12	-0.71	2.26	2.15	1.65	5.94	-13.55	2.31	07/01/2013
Bloomberg US Govt Crdt Bond Index		0.79	1.22	3.95	5.89	2.61	-0.83	1.96	1.92	1.18	5.72	-13.58	2.09	
Difference		0.28	0.24	0.28	0.52	0.52	0.11	0.30	0.24	0.47	0.22	0.03	0.21	
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.98	
Difference		0.26	0.25	0.20	0.33	0.57	0.01	0.49	0.40	0.39	0.41	-0.54	0.33	
PIMCO:Income;Inst (PIMIX)	\$21.73	1.98	2.22	5.58	9.31	7.29	4.37	4.19	-	5.42	9.32	-7.81	3.85	09/01/2017
Bloomberg US Agg Bond Index		0.81	1.21	4.02	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	1.36	
Difference		1.17	1.01	1.56	3.23	4.74	5.10	2.41	-	4.17	3.79	5.20	2.49	

Performance shown is net of fees. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Fixed Income performance is currently unavailable.



## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees

**Asset Allocation & Performance - Net of Fees** 

	Market Value (\$M)	FYTD	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Direct Lending														
White Oak Fixed Income C LP	\$10.62	0.00	0.00	0.17	7.80	5.00	4.54	4.64	-	6.54	9.56	-2.75	4.97	04/01/2018
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	7.10	
Difference		0.00	0.00	-0.95	1.18	-5.69	-4.39	-2.54	-	-4.69	-5.74	-3.68	-2.13	
Ares Pathfinder Core LP	\$7.04	0.00	0.00	2.15	7.81	-	-	-	-	-	-	-	7.81	07/01/2024
S&P UBS Lvg'd Loan Index+2%		0.00	0.00	1.11	6.63	10.69	8.93	7.17	6.94	11.23	15.30	0.92	6.63	
Difference		0.00	0.00	1.04	1.19	-	-	-	-	-	-	-	1.19	
Real Estate														
Morgan Stanley Prime Property LLC	\$10.33	0.30	0.30	1.51	2.28	-2.97	4.64	4.57	6.06	-0.77	-5.79	6.14	6.73	10/01/2014
NCREIF ODCE Index (AWA) (Net)		0.81	0.81	1.67	2.67	-6.21	2.54	2.78	4.42	-2.27	-12.73	6.55	5.04	
Difference		-0.51	-0.51	-0.16	-0.39	3.24	2.11	1.80	1.64	1.49	6.94	-0.41	1.69	
PGIM Real Estate PRISA II (CF)	\$9.41	1.38	1.38	2.40	5.38	-6.51	2.53	2.91	5.06	-2.58	-13.29	5.86	6.57	07/01/2013
NCREIF ODCE Index (AWA) (Net)		0.81	0.81	1.67	2.67	-6.21	2.54	2.78	4.42	-2.27	-12.73	6.55	5.74	
Difference		0.57	0.57	0.73	2.70	-0.29	0.00	0.14	0.64	-0.31	-0.56	-0.69	0.83	
Absolute Return														
Grosvenor FOB (CF)	\$16.66	3.51	4.65	4.48	11.28	9.74	8.05	5.87	5.00	13.90	9.33	-6.52	4.98	08/01/2014
HFN FOF Multi-Strat Index (Net)		2.56	2.52	2.65	6.62	5.84	6.11	4.48	3.57	7.25	4.80	-1.35	3.63	
Difference		0.95	2.13	1.82	4.66	3.90	1.94	1.38	1.43	6.65	4.53	-5.17	1.35	
ICE BofA 3 Mo US T-Bill Index+5%		1.52	2.28	4.59	9.91	9.78	7.90	7.66	7.07	10.51	10.27	6.53	6.90	
Difference		1.99	2.37	-0.12	1.37	-0.04	0.15	-1.80	-2.07	3.39	-0.94	-13.05	-1.92	

Performance shown is net of fees. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30. White Oak Fixed Income performance is currently unavailable.



### Kansas City Police Employees' Retirement Systems KCPERS Civilian Private Investment Lagged Performance Asset Allocation & Performance

	Market Value (M)	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	Since Incep.	Inception Date
Civilian - Direct Lending	\$17.79	0.95	0.95	7.87	7.87	4.17	5.13	5.18	-	5.89	9.56	-2.75	5.18	04/01/2018
White Oak Fixed Income C LP	\$10.62	0.17	0.17	7.69	7.69	4.11	5.10	5.15	-	6.54	9.56	-2.75	5.15	04/01/2018
S&P UBS Lvg'd Loan Index+2%		1.11	1.11	8.24	9.16	9.24	11.07	7.37	7.08	11.23	15.30	0.92	7.37	
Difference		-0.95	-0.95	-0.55	-1.47	-5.13	-5.98	-2.21	-	-4.69	-5.74	-3.68	-2.21	
Ares Pathfinder Core LP	\$7.18	2.15	2.15	-	-	-	-	-	-	-	-	-	7.81	07/01/2024
S&P UBS Lvg'd Loan Index+2%		1.11	1.11	8.24	9.16	9.24	11.07	7.37	7.08	11.23	15.30	0.92	6.63	
Difference		1.04	1.04	-	-	-	-	-	-	-	-	-	1.19	

Performance shown is net of fees, unless otherwise noted. Performance and market values are preliminary and subject to change. Performance is annualized for periods greater than one year. Manager inception dates shown represent the first full month of performance following initial funding. Fiscal year ends 04/30.



### Civilian Employees' Retirement System of the Police Department of Kansas City Alternative Investment Private Equity Fund Performance Listing

Fund Name	Vintage	Asset Class	Commitment (\$)	Paid In Capital (\$)	Distributions (\$)	Valuation (\$)	Fund IRR (%)	Quartile	Index IRR (%)	Fund Multiple
JP Morgan European Corporate Finance Investors III	e 2006	Private Equity - Non-US Private Equity	187,500	181,318	278,982	1,531	7.56	2nd	10.70	1.55
JP Morgan U.S. Corporate Finance Investors III	2006	Private Equity - Buyout	750,000	759,187	1,513,543	29,188	13.28	1st	8.83	2.03
JP Morgan Venture Capital Investors III	2006	Private Equity - Venture	312,500	320,793	516,560	63,959	8.77	1st	11.95	1.81
Abbott Capital Private Equity VI LP	2008	Private Equity - Fund of Funds	1,250,000	1,243,761	2,101,637	241,304	12.20	2nd	13.62	1.88
			2,500,000	2,505,059	4,410,722	335,982	11.69		11.54	1.89

Certain valuations (marked with a \*\*') are preliminary estimates of valuation as of the date of reporting and reflect the estimated impact of subsequent net cash contributions/distributions. These figures may be used in calculations contained in this report. Index IRR represents the dollar-weighted returns calculated using the S&P 500 Index (Cap Wtd) assuming an index investment with the same cash flow timing. IRRs are shown only for investments with one year or more of cash flows and for which an accurate IRR could be calculated. Applicable IRRs are marked with 'N/M' for not material. Fund IRR is the annualized since-inception net internal rate for the indicated fund or composite. Fund Multiple is the since inception sum of distributions and valuation divided by paid in capital. Quartile data is based on information provided by Preqin.



#### Civilian Employees' Retirement System of the Police Department of Kansas City Alternative Investment Private Credit Fund Performance Listing

Fund Name	Vintage	Asset Class	Commitment (\$)	Paid In Capital (\$)	Distributions (\$)	Valuation (\$)	Fund IRR (%)	Quartile	Index IRR (%)	Fund Multiple
White Oak Fixed Income Fund C, LP-Si	2014	Private Credit - Direct Lending	9,400,000	9,400,000	1,801,554	10,616,734	4.88	4th	7.57	1.32
Ares Pathfinder Core Fund LP	2021	Private Credit - Specialty Finance	7,000,000	7,000,000	107,877	7,176,606	N/M	N/A	N/M	1.04
			16,400,000	16,400,000	1,909,432	17,793,340	5.11		7.54	1.20

Certain valuations (marked with a '\*') are preliminary estimates of valuation as of the date of reporting and reflect the estimated impact of subsequent net cash contributions/distributions. These figures may be used in calculations contained in this report. Index IRR represents the dollar-weighted returns calculated using the S&P UBS Leveraged Loan Index+2% assuming an index investment with the same cash flow timing. IRRs are shown only for investments with one year or more of cash flows and for which an accurate IRR could be calculated. Applicable IRRs are marked with 'N/M' for not material. Fund IRR is the annualized since-inception net internal rate for the indicated fund or composite. Fund Multiple is the since inception sum of distributions and valuation divided by paid in capital. Quartile data is based on information provided by Preqin.



LSV Global Large Cap Value (SA)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	15,186,931	23,171	1,291,519	16,501,621	8.49	

Artisan Global Opportunities (CF)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	13,951,070	-	1,606,636	15,557,706	11.52	

NT Collective Daily ACW IM Lending (CF)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	20,627,676	4,157	2,379,331	23,011,164	11.53	

WTC-CTF Global Perspectives (CF)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return	
Quarter	10,351,984	-	1,156,457	11,508,441	11.17	

	GQG Partners Emg Mkts Eq (CF)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return		
Quarter	7,240,657	-	386,165	7,626,822	5.33		

	FCI Advisors (SA)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return		
Quarter	38,616,525	13,487	560,763	39,190,775	1.45		

Performance shown is net of fees and will not match subsequent comparative performance gross of fees.



## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees Schedule of Investable Assets by Manager

	PIMCO:Income;Inst (PIMIX)						
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return		
Quarter	21,255,506	-	471,094	21,726,600	2.22		

Morgan Stanley Prime Property LLC						
Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return		
10,403,519	-102,170	30,914	10,332,264	0.30		
	Market Value (\$)	Beginning Net Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Ending Market Value (\$) Cash Flow (\$) Market Value (\$)		

PGIM Real Estate PRISA II (CF)						
Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return		
9,331,955	-54,630	128,591	9,405,916	1.38		
	Market Value (\$)	Beginning Net Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Market Value (\$) Cash Flow (\$)	Beginning Net Gain/Loss (\$) Ending Market Value (\$) Cash Flow (\$) Market Value (\$)		

Grosvenor FOB (CF)										
Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return						
15,919,260	-	739,726	16,658,986	4.65						
	Market Value (\$)	Market Value (\$) Cash Flow (\$)	Market Value (\$) Cash Flow (\$)	Market Value (\$) Cash Flow (\$) Gain/Loss (\$) Market Value (\$)						

## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees Fee Schedule

Manager	Fee Schedule	Aggregate Assets (\$)	Estimated Annual Fee (%)	Market Value as of 06/30/2025	Estimated Annual Fee (\$)
LSV Global Large Cap Value (SA)	0.75 % of First \$25 M 0.65 % of Next \$25 M 0.55 % of Next \$50 M 0.45 % Thereafter	107,207,171	0.61	16,501,621	101,194
Artisan Global Opportunities (CF)	0.85% of Assets	15,557,706	0.85	15,557,706	132,241
NT Collective Daily ACW IM Lending (CF)	0.08 % of First \$50 M 0.05 % Thereafter	148,851,644	0.06	23,011,164	13,824
WTC-CTF Global Perspectives (CF)	1.00 % of Assets	75,399,398	1.00	11,508,441	115,084
GQG Partners Emg Mkts Eq (CF)	0.85 % of First \$25 M 0.80 % Thereafter	52,041,231	0.82	7,626,822	62,846
FCI Advisors (SA)	0.50 % of First \$5 M 0.40 % of Next \$5 M 0.30 % of Next \$10 M 0.20 % of Next \$10 M 0.12 % Thereafter	269,954,409	0.14	39,190,775	55,594
PIMCO:Income;Inst (PIMIX)	0.50 % of Assets	125,550,191	0.50	21,726,600	108,633
White Oak Fixed Income C LP	1.00% of Assets	73,637,137	1.00	10,616,734	106,167
Ares Pathfinder Core LP	1.05% of Assets	47,244,275	1.05	7,036,381	73,882
Morgan Stanley Prime Property LLC	0.84 % of Assets	70,959,666	0.84	10,332,264	86,791



## Kansas City Police Employees' Retirement Systems KCPERS Civilian Employees Fee Schedule

Manager	Fee Schedule	Aggregate Assets (\$)	Estimated Annual Fee (%)	Market Value as of 06/30/2025	Estimated Annual Fee (\$)
PGIM Real Estate PRISA II (CF)	1.20 % of First \$25 M 1.15 % of Next \$25 M 1.05 % of Next \$50 M 0.95 % of Next \$100 M 0.90 % of Next \$100 M 0.85 % Thereafter	64,646,616	1.15	9,405,916	107,856
Grosvenor FOB (CF)	1.15 % of First \$25 M 1.00 % of Next \$25 M 0.80 % of Next \$50 M 0.60 % Thereafter	114,430,303	0.89	16,658,986	149,088
Coltv. Short Term Invt. Fund	0.15 % of Assets	9,899,652	0.15	2,662,031	3,993

#### Fee Notes:

White Oak Fixed Income C LP - Fee structure is 1.25% when aggregate assets are below \$10M, and 1.00% when aggregate assets are above \$10M.

Ares Pathfinder Core LP has an incentive fee of 15% over a 6% annualized hurdle.

The incentive fee for Morgan Stanley Prime Property LLC for each calendar year is capped at 35 basis points per annum.

The fee schedule shown for PGIM Real Estate PRISA II (CF) represents the maximum annual fee and may be lower depending on the fund's operating cash flow.

Grosvenor FOB (CF) fee has a 75 basis point minimum. The fee schedule shown for Grosvenor FOB (CF) excludes the underlying manager's fees.

The annual management fee for Abbott Capital Private Equity VI LP is 1.00% with 0% carried interest for initial 8 years thereafter the fee is reduced by 10% per year.

JP Morgan Private Equity III (CF) consists of three separate funds: European Corporate Finance Investors III, U.S. Corporate Finance Investors III, and Venture Capital Investors III. The annual management fee pertains to the percentage of committed capital, is level for the first eight years, and is then reduced each successive year by 10% of the preceding year's fee. Each fund is also subject to an incentive/carried interest fee, which is 10% for secondary partnership investments and 20% for direct co-investments.

European and U.S. Corporate Finance Investors III

Management fee for initial 8 years: 0.90%

Average fee over 15 years: 0.76%

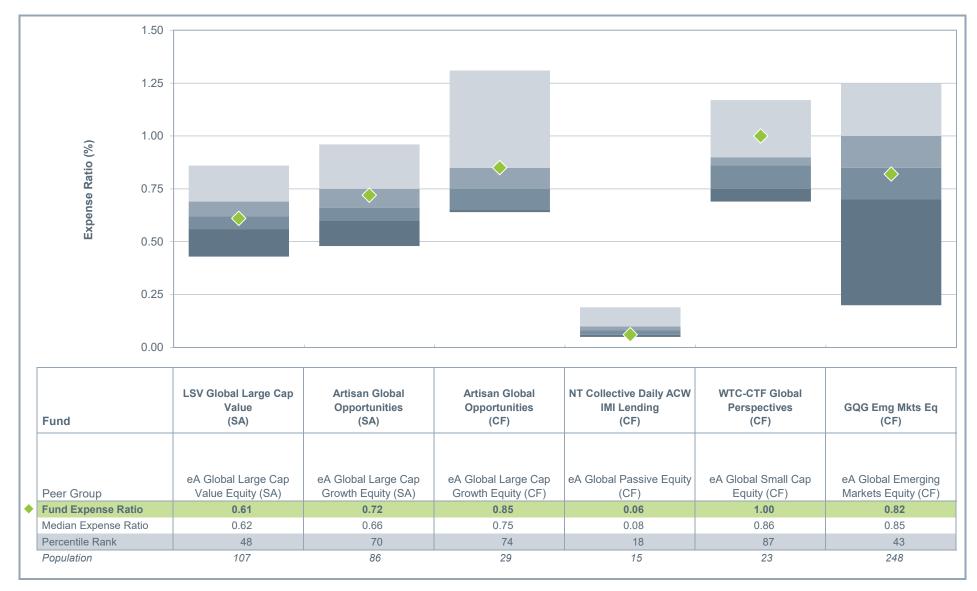
Venture Capital Investors III

Management fee for initial 8 years: 1.10%

Average fee over 15 years: 0.93%

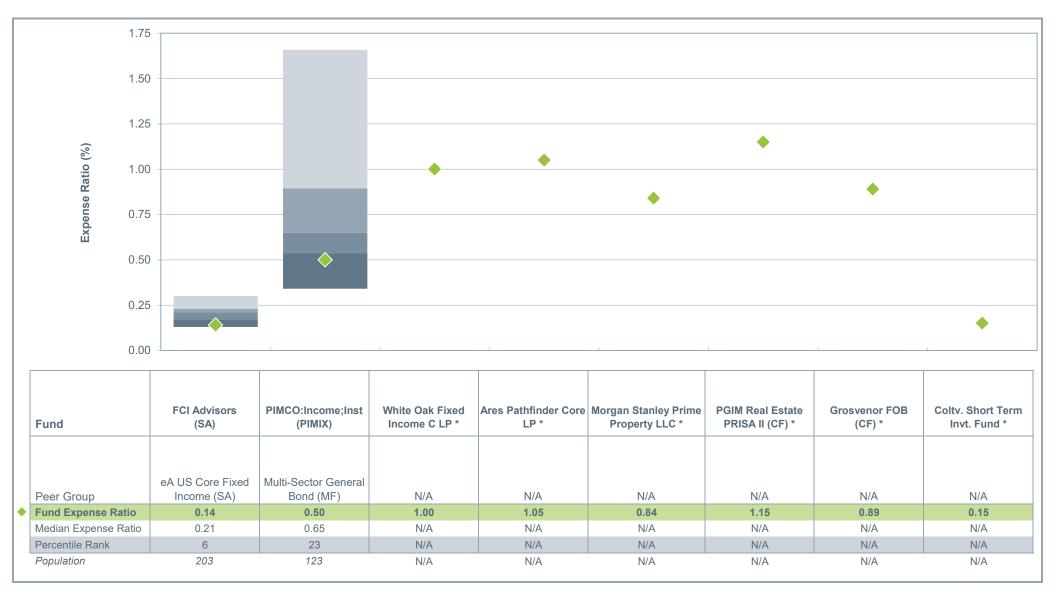
Mutual fund fees are sourced from Morningstar and/or the investment manager.





Fund Expense Ratios are intuitively ranked (i.e., a lower expense ratio yields a better percentile rank than a higher expense ratio). The fee peer groups consist of only institutional share classes.





Fund Expense Ratios are intuitively ranked (i.e., a lower expense ratio yields a better percentile rank than a higher expense ratio). The fee peer groups consist of only institutional share classes. Funds with no applicable fee peer groups are denoted with an asterisk (\*).



# **Investment Manager Profiles**

Manager: LSV Global Large Cap Value (SA) Benchmark: MSCI Wrld Index (USD) (Net)

Peer Group: IM Global Large Cap Value Equity (SA+CF)

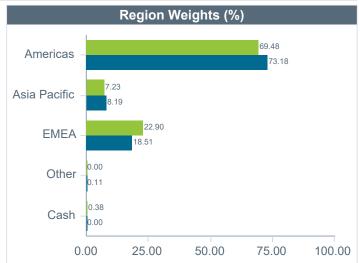
				P	Performa	псе					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	8.36	14.59	14.64	14.98	9.42	8.87	10.56	16.57	-8.13	22.90	2.87
Benchmark	11.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	21.82	15.90
Difference	-3.11	-1.66	-3.67	0.43	-2.19	-1.78	-8.11	-7.22	10.01	1.08	-13.03
Peer Group Median	8.44	16.13	15.42	14.01	9.85	9.10	10.53	19.37	-10.19	19.28	6.89
Rank	52	65	65	34	56	54	50	66	35	14	70
Population	114	114	110	105	98	89	124	132	133	133	141







			Port	folio	В	enchmark
Vtd. Avg. Mkt. Cap (\$	M)		74,	844		806,844
Median Mkt. Cap (\$M)			11,	696		24,916
Price/Earnings Ratio			13	3.71		23.79
Price/Book Ratio			4	2.08		4.12
Yr. EPS Growth Rate	€ (%)		12	2.85		21.18
Current Yield (%)			3	3.13		1.74
Beta (5 Years, Monthly	/)		(	).94		1.00
Number of Securities				241		1,325
Active Share			89	9.06		N/A
80.00 – 60.00 –						
40.00				34.56		
20.00 — 21.12	3.16 <sup>7.34</sup>	24.40 <sub>20.82</sub>	11.28	4.20	5.10	
0.00	3.16		0.01	4.20	0.00	0.38 0.00
>\$100 Bil	\$75 Bil -	\$25 Bil -	\$15 Bil -	\$2 Bil -	\$0 -	Cash
	\$100 Bil	\$75 Bil	\$25 Bil	\$15 Bil	\$2 Bil	



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.



Manager: Artisan Global Opportunities (SA) Benchmark: MSCI Wrld Index (USD) (Net)

Peer Group: IM Global Large Cap Growth Equity (SA+CF)

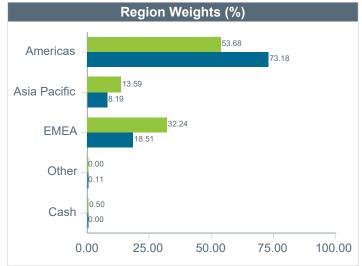
				F	Performai	псе					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	11.67	10.34	16.57	9.86	11.62	12.11	16.63	24.57	-29.41	15.26	41.63
Benchmark	11.47	16.26	18.31	14.55	11.61	10.66	18.67	23.79	-18.14	21.82	15.90
Difference	0.20	-5.92	-1.74	-4.69	0.02	1.46	-2.04	0.78	-11.27	-6.55	25.73
Peer Group Median	12.28	13.20	16.74	12.46	11.68	11.65	16.08	22.60	-23.19	17.78	29.21
Rank	56	71	51	80	52	38	47	38	77	63	24
Population	125	123	119	112	104	87	137	144	141	138	137







Portfolio Cha	racteri	istics an	d Dist.	of Mark	et Cap (%)
			Portfolio		Benchmark
Wtd. Avg. Mkt. Cap (\$M)			298,870		806,844
Median Mkt. Cap (\$M)			99,093		24,916
Price/Earnings Ratio			36.26		23.79
Price/Book Ratio			5.99		4.12
5 Yr. EPS Growth Rate (9	%)		16.52		21.18
Current Yield (%)			0.80		1.74
Beta (5 Years, Monthly)			1.02		1.00
Number of Securities			56		1,325
Active Share			90.39		N/A
80.00 - 61.79 40.00 - 20.00 - 1	5.85	28.46	3.61 5.84	0.00 4.20	0.50 0.00
>\$100 Bil	\$75 Bil - \$100 Bil	\$25 Bil - \$75 Bil	\$15 Bil - \$25 Bil	\$2 Bil - \$15 Bil	Cash



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.



Manager: WTC-CTF Global Perspectives (CF)
Benchmark: MSCI ACW Sm Cap Index (USD) (Net)
Peer Group: IM Global Small Cap Equity (SA+CF)

				P	erforma	псе					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	11.17	13.39	13.45	14.48	7.76	8.99	8.19	15.78	-14.63	21.78	14.66
Benchmark	12.37	13.57	12.40	11.33	6.64	7.44	7.66	16.84	-18.67	16.10	16.33
Difference	-1.20	-0.18	1.05	3.14	1.12	1.55	0.53	-1.06	4.04	5.68	-1.67
Peer Group Median	12.50	12.70	13.13	11.93	9.22	10.32	10.23	18.14	-20.79	21.36	17.53
Rank	71	39	41	42	68	61	63	76	28	46	56
Population	23	21	19	16	12	10	25	27	28	27	28





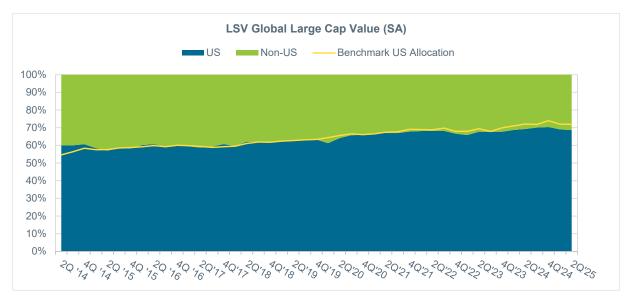


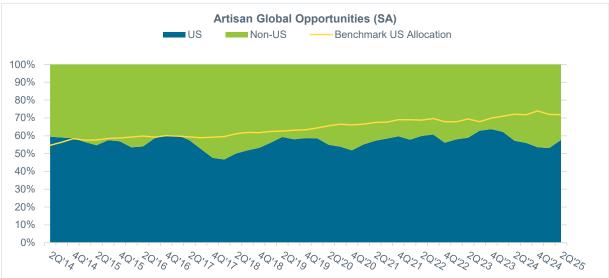
			Portfolio	1	Benchmark
Ntd. Avg. Mkt. Cap (\$	M)		7,001		5,204
Median Mkt. Cap (\$M	)		6,038		1,609
Price/Earnings Ratio			17.85		17.34
Price/Book Ratio			2.36		2.50
5 Yr. EPS Growth Rat	e (%)		17.59		13.53
Current Yield (%)			1.91		2.19
Beta (5 Years, Monthl	y)		1.02		1.00
Number of Securities			117		5,746
Active Share			95.86		N/A
60.00- <sub> </sub>					
45.00		43.94			
30.00-		29.00	24.94	30.01	
15.00	13.47		21.18	16.18	
0.00					0.00
>\$15 Bil	\$10 Bil - \$15 Bil	\$5 Bil - \$10 Bil	\$3 Bil - \$5 Bil	\$1 Bil - \$3 Bil	\$0 - \$1 Bil

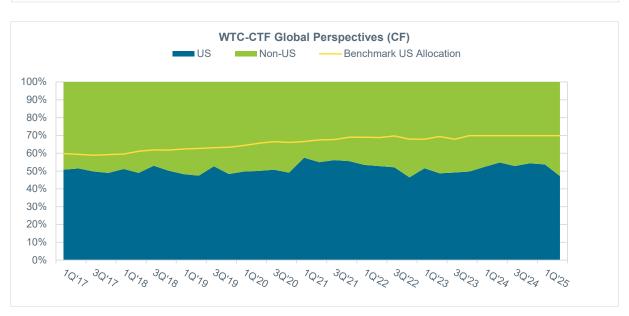


Performance shown is gross of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.









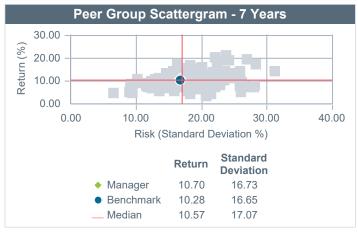
Global allocations shown for WTC-CTF Global Perspectives (CF) prior to KCPERS inception are provided by the manager.



Manager: NT Collective Daily ACW IM Lending (CF)

**Benchmark:** MSCI ACW IM Index (USD) (Net) **Peer Group:** IM Global Equity (SA+CF)

				P	erformar	ісе					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	11.65	16.29	17.19	13.79	10.70	N/A	16.74	21.91	-17.95	18.55	16.75
Benchmark	11.62	15.89	16.80	13.40	10.28	9.69	16.37	21.58	-18.40	18.22	16.25
Difference	0.04	0.39	0.39	0.39	0.43	N/A	0.37	0.33	0.46	0.33	0.50
Peer Group Median	10.56	15.21	15.53	13.21	10.57	10.20	12.53	20.16	-16.65	19.09	15.88
Rank	39	39	38	44	48	N/A	32	42	57	55	46
Population	466	462	448	420	392	331	533	568	583	578	609







Wtd. Avg. Mkt. Cap (\$M)     660,533     661,264       Median Mkt. Cap (\$M)     2,774     2,777       Price/Earnings Ratio     21.70     21.70       Price/Book Ratio     3.76     3.76       5 Yr. EPS Growth Rate (%)     20.51     20.50       Current Yield (%)     1.89     1.88       Beta (5 Years, Monthly)     1.01     1.00       Number of Securities     8,400     8,274       Active Share     0.62     N/A				Portfolio	I	Benchmark
Price/Earnings Ratio 21.70 21.70 Price/Book Ratio 3.76 3.76 5 Yr. EPS Growth Rate (%) 20.51 20.50 Current Yield (%) 1.89 1.88 3eta (5 Years, Monthly) 1.01 1.00 Number of Securities 8,400 8,274 Active Share 0.62 N/A	Vtd. Avg. Mkt. Cap (\$1	M)		660,533		661,264
Price/Book Ratio 3.76 3.76 3.76 5.7r. EPS Growth Rate (%) 20.51 20.50 Current Yield (%) 1.89 1.88 Beta (5 Years, Monthly) 1.01 1.00 Number of Securities 8,400 8,274 Active Share 0.62 N/A	Median Mkt. Cap (\$M)			2,774		2,777
5 Yr. EPS Growth Rate (%) Current Yield (%) 1.89 1.88 Beta (5 Years, Monthly) 1.01 1.00 Number of Securities 8,400 8,274 Active Share 0.62 N/A	Price/Earnings Ratio			21.70		21.70
Current Yield (%) 1.89 1.88 Beta (5 Years, Monthly) 1.01 1.00 Number of Securities 8,400 8,274 Active Share 0.62 N/A	Price/Book Ratio			3.76		3.76
Beta (5 Years, Monthly) 1.01 1.00 Number of Securities 8,400 8,274 Active Share 0.62 N/A  80.00 60.00 52.22 52.22 40.00 20.00 18.78 18.75 6.40 6.39 6.05 6.07 13.99 14.02	Yr. EPS Growth Rate	e (%)		20.51		20.50
Number of Securities 8,400 8,274 Active Share 0.62 N/A  80.00 60.00 52.22 52.22 40.00 18.78 18.75 6.40 6.39 6.05 6.07	Current Yield (%)			1.89		1.88
Active Share 0.62 N/A  80.00 - 60.00 - 52.22 52.22  40.00 - 20.00 - 6.40 6.39 6.05 6.07	Beta (5 Years, Monthly	')		1.01		1.00
80.00 - 60.00 - 52.22 52.22 40.00 - 20.00 - 18.78 18.75 6.40 6.39 6.05 6.07 13.99 14.02	Number of Securities			8,400		8,274
60.00 - 52.22 52.22 40.00 - 20.00 - 18.78 18.75 6.40 6.39 6.05 6.07 13.99 14.02	Active Share			0.62		N/A
	60.00 – 52.22 52.22 40.00 – 20.00 –	6.40 6.39	18.78 18.75	6.05 6.07	13.99 14.02	2.56 2.55
	>\$100 Bil	\$75 Bil -	\$25 Bil -	\$15 Bil -	\$2 Bil -	\$0 -



Performance shown is gross of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.



Manager: GQG Partners Emg Mkts Eq (CF)
Benchmark: MSCI Emg Mkts Index (USD) (Net)
Peer Group: IM Emerging Markets Equity (SA+CF)

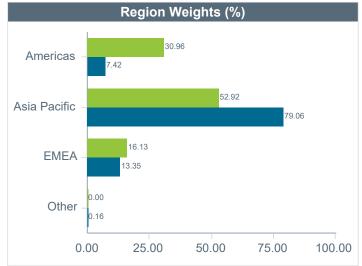
				Р	erformar	nce					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	5.66	-2.38	13.27	10.06	8.82	N/A	6.46	33.36	-20.68	-0.61	34.80
Benchmark	11.99	15.29	9.70	6.81	4.48	4.81	7.50	9.83	-20.09	-2.54	18.31
Difference	-6.33	-17.66	3.57	3.25	4.34	N/A	-1.05	23.53	-0.59	1.94	16.50
Peer Group Median	12.60	15.35	12.00	9.04	6.17	6.23	8.18	12.91	-19.50	1.15	18.40
Rank	94	99	33	37	16	N/A	68	2	59	61	15
Population	262	260	252	235	212	188	291	317	324	331	354







			Portfolio		Benchmark
Wtd. Avg. Mkt. Cap (\$M)			167,937		183,581
Median Mkt. Cap (\$M)			29,100		8,662
Price/Earnings Ratio			16.23		14.02
Price/Book Ratio			3.06		2.87
5 Yr. EPS Growth Rate (%)			20.69		20.82
Current Yield (%)		3.65		2.79	
Beta (5 Years, Monthly		0.72		1.00	
Number of Securities			81		1,203
Active Share			83.42		N/A
60.00					
45.00		37.21			
30.00 – 34.17		22.95		27.40	
15.00-			9.85 12.08	12.26	
0.00	6.51 5.77				0.00 0.28
>\$100 Bil	\$75 Bil -	\$25 Bil -	\$15 Bil -	\$2 Bil -	\$0 -
	\$100 Bil	\$75 Bil	\$25 Bil	\$15 Bil	\$2 Bil



Performance shown is gross of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.



As of June 30, 2025

Manager: FCI Advisors (SA)

Benchmark: Bloomberg US Govt Crdt Bond Index

Peer Group: IM U.S. Broad Market Core Fixed Income (SA+CF)

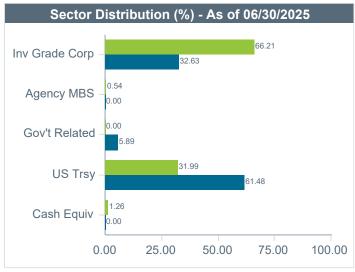
				F	Performar	псе					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	1.48	6.52	3.24	-0.57	2.42	2.32	1.73	6.08	-13.41	-1.92	10.49
Benchmark	1.22	5.89	2.61	-0.83	1.96	1.92	1.18	5.72	-13.58	-1.75	8.93
Difference	0.26	0.63	0.63	0.26	0.46	0.40	0.55	0.36	0.17	-0.17	1.56
Peer Group Median	1.28	6.42	3.06	-0.19	2.30	2.28	1.91	6.00	-12.95	-1.23	8.34
Rank	16	44	33	80	35	48	60	49	79	94	6
Population	116	116	115	114	111	110	133	143	151	157	164







Effective Duration       6.19       6.15         Spread Duration       N/A       6.04         Avg. Maturity       8.54       8.62         Avg. Quality       A2       Aa2/Aa3         Yield To Maturity (%)       4.62       4.37         Coupon Rate (%)       3.81       3.60         Current Yield (%)       4.10       N/A		eristics (%) - As o	
Spread Duration         N/A         6.04           Avg. Maturity         8.54         8.62           Avg. Quality         A2         Aa2/Aa3           Yield To Maturity (%)         4.62         4.37           Coupon Rate (%)         3.81         3.60           Current Yield (%)         4.10         N/A		Portfolio	Benchmark
Avg. Maturity 8.54 8.62 Avg. Quality A2 Aa2/Aa3 Yield To Maturity (%) 4.62 4.37 Coupon Rate (%) 3.81 3.60 Current Yield (%) 4.10 N/A	Effective Duration	6.19	6.15
Avg. Quality A2 Aa2/Aa3 Yield To Maturity (%) 4.62 4.37 Coupon Rate (%) 3.81 3.60 Current Yield (%) 4.10 N/A	Spread Duration	N/A	6.04
Yield To Maturity (%)       4.62       4.37         Coupon Rate (%)       3.81       3.60         Current Yield (%)       4.10       N/A	Avg. Maturity	8.54	8.62
Coupon Rate (%) 3.81 3.60 Current Yield (%) 4.10 N/A	Avg. Quality	A2	Aa2/Aa3
Current Yield (%) 4.10 N/A	Yield To Maturity (%)	4.62	4.37
	Coupon Rate (%)	3.81	3.60
Holdings Count 99 9.897	Current Yield (%)	4.10	N/A
3	Holdings Count	99	9,897



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity.



Manager: PIMCO:Income;Inst (PIMIX)
Benchmark: Bloomberg US Agg Bond Index
Peer Group: IM Multi-Sector General Bond (MF)

				P	erformar	псе					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	2.22	9.31	7.29	4.37	4.20	4.53	5.42	9.32	-7.81	2.61	5.80
Benchmark	1.21	6.08	2.55	-0.73	1.77	1.76	1.25	5.53	-13.01	-1.55	7.51
Difference	1.01	3.23	4.74	5.10	2.42	2.78	4.17	3.79	5.20	4.15	-1.71
Peer Group Median	2.14	7.38	5.74	3.03	3.14	3.28	4.87	8.17	-11.73	1.51	6.54
Rank	48	10	21	11	13	6	43	30	18	33	59
Population	475	458	432	371	304	240	467	465	470	446	402







Portfolio Characte	eristics (%) - As o	of 06/30/2025
	Portfolio	Benchmark
Effective Duration	5.10	6.06
Spread Duration	3.13	5.88
Avg. Maturity	7.28	8.33
Avg. Quality	Aa3	Aa2/Aa3
Yield To Maturity (%)	5.01	4.51
Coupon Rate (%)	4.05	3.56
Current Yield (%)	N/A	N/A
Holdings Count	9,644	13,874

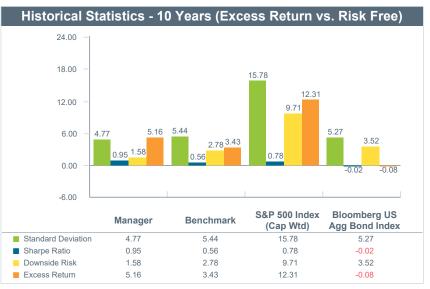


Performance shown is net of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

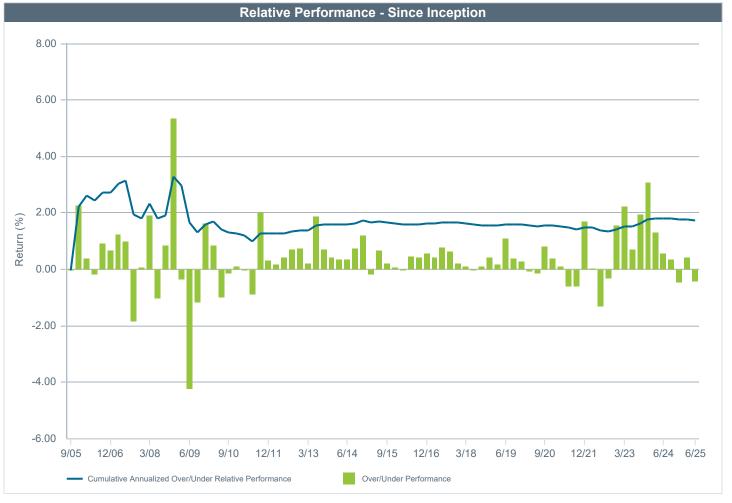


Manager: Morgan Stanley Prime Property LLC Benchmark: NCREIF ODCE Index (AWA) (Gross)

				Pe	rforman	се					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	0.60	3.44	-1.95	5.79	5.70	7.20	0.29	-4.80	7.38	22.87	2.18
Benchmark	1.03	3.54	-5.43	3.43	3.67	5.35	-1.43	-12.02	7.47	22.17	1.19
Difference	-0.43	-0.10	3.47	2.37	2.03	1.85	1.72	7.21	-0.09	0.71	0.99



	Actual Correlation
NCREIF ODCE Index (AWA) (Gross)	0.96
S&P 500 Index (Cap Wtd)	-0.23
Russell 2000 Index	-0.25
MSCI EAFE Index (USD) (Net)	-0.31
MSCI Emg Mkts Index (USD) (Net)	-0.30
Bloomberg US Agg Bond Index	-0.31
Bloomberg US Trsy US TIPS Index	-0.16
Wilshire US REIT Index	0.04
HFRI FOF Comp Index	-0.29
Bloomberg Cmdty Index (TR)	0.19
ICE BofA 3 Mo US T-Bill Index	-0.64
Cons Price Index (Unadjusted)	0.34



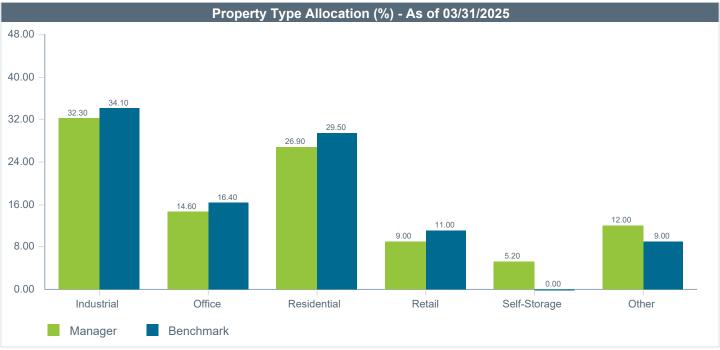


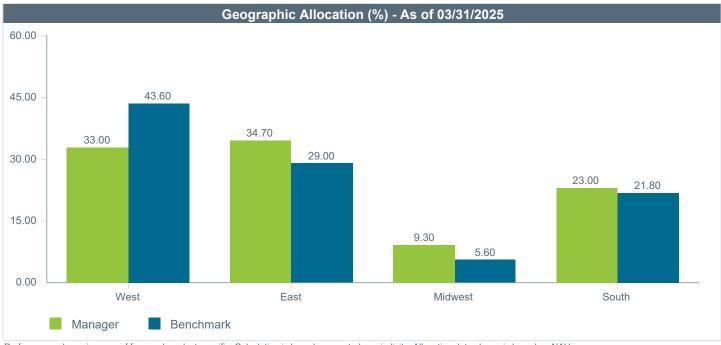
Manager: Morgan Stanley Prime Property LLC Benchmark: NCREIF ODCE Index (AWA) (Gross)

# **Investment Strategy**

The Fund pursues a diversified core real estate strategy that invests in assets with stable, highly predictable cash flow returns. The Fund targets high quality warehouse distribution and storage facilities, Class A multifamily communities, office buildings, top tier malls, retail, student housing, healthcare-related real estate, and self-storage assets in targeted primary markets. The Fund favors investing in major metropolitan markets and secondary markets expected to achieve above-average economic performance and believes that those cities offer better liquidity, more diverse tenant bases, and stronger resilience to market cycles. It operates with leverage of 50% or less and may invest up to 15% of its gross assets in higher-risk, value-added real estate investment opportunities.

Investment Profile - As of 03	3/31/2025
Fund Inception	1973
Legal Structure	LLC
Fund Structure	Open-End
Gross Real Estate Assets (mm) \$	41,021
Fund Leverage %	26.10
Portfolio Occupancy %	91.20
Cash Reserve %	0.32
Number of Investments	516
Number of Limited Partners	477





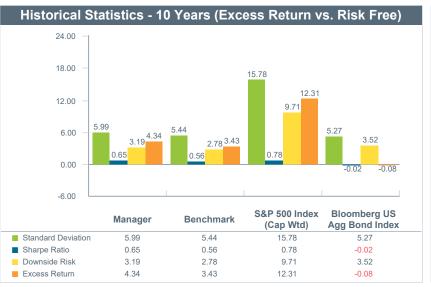
Performance shown is gross of fees and product specific. Calculation is based on quarterly periodicity. Allocation data shown is based on NAV. Allocation to "Other" consists of entertainment, parking, data center, and operating land.



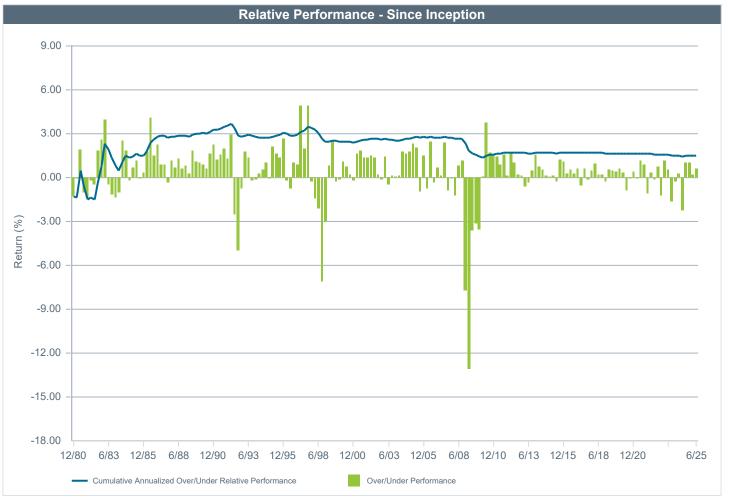
Manager: PGIM Real Estate PRISA II (CF)

Benchmark: NCREIF ODCE Index (AWA) (Gross)

				Pe	rforman	се					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	1.65	6.59	-5.36	3.78	4.14	6.27	-1.37	-12.17	7.13	23.30	1.03
Benchmark	1.03	3.54	-5.43	3.43	3.67	5.35	-1.43	-12.02	7.47	22.17	1.19
Difference	0.62	3.04	0.07	0.36	0.47	0.92	0.06	-0.16	-0.34	1.13	-0.16



Actual Correlation - 10	Years
	Actual Correlation
NCREIF ODCE Index (AWA) (Gross)	0.97
S&P 500 Index (Cap Wtd)	-0.28
Russell 2000 Index	-0.24
MSCI EAFE Index (USD) (Net)	-0.36
MSCI Emg Mkts Index (USD) (Net)	-0.35
Bloomberg US Agg Bond Index	-0.33
Bloomberg US Trsy US TIPS Index	-0.23
Wilshire US REIT Index	-0.06
HFRI FOF Comp Index	-0.29
Bloomberg Cmdty Index (TR)	0.14
ICE BofA 3 Mo US T-Bill Index	-0.67
Cons Price Index (Unadjusted)	0.32



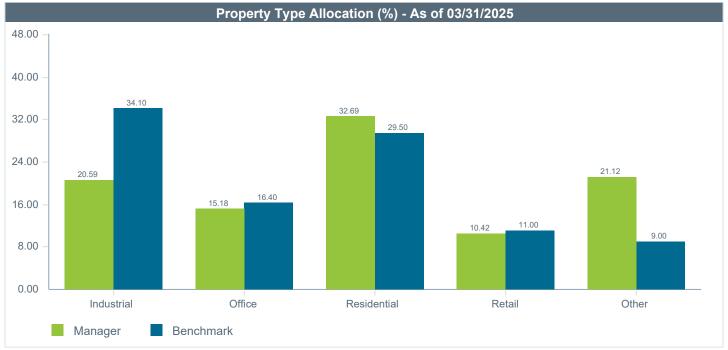


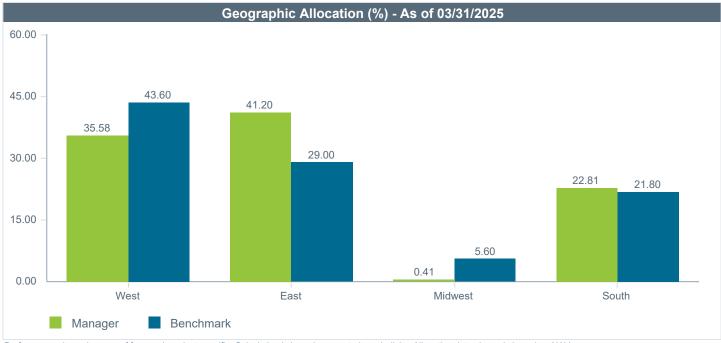
Manager: PGIM Real Estate PRISA II (CF)
Benchmark: NCREIF ODCE Index (AWA) (Gross)

# **Investment Strategy**

The Fund pursues a diversified core-plus real estate strategy that seeks to generate a total return before fees of 9.0% to 12.0% annually by structuring investments to enhance risk-adjusted returns. Investments may be made through direct property ownership or indirectly through such vehicles as joint ventures, general or limited partnerships, limited liability companies, mortgage loans and other loan types, including mezzanine debt, and debt secured by an interest in the borrowing entity or interests in companies or entities that directly or indirectly hold real estate or real estate interests. It operates with a leverage limit of 40% and may invest up to 35% of its gross assets in higher-risk, non-core real estate investment opportunities.

Investment Profile - As of 0	3/31/2025
Fund Inception	1980
Legal Structure	REIT
Fund Structure	Open-End
Gross Real Estate Assets (mm) \$	15,193
Fund Leverage %	41.63
Portfolio Occupancy %	87.70
Cash Reserve %	1.30
Number of Investments	126
Number of Limited Partners	117





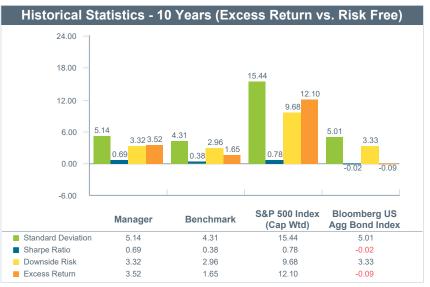
Performance shown is gross of fees and product specific. Calculation is based on quarterly periodicity. Allocation data shown is based on NAV. Allocation to "Other" consists of entertainment, parking, data center, and operating land.



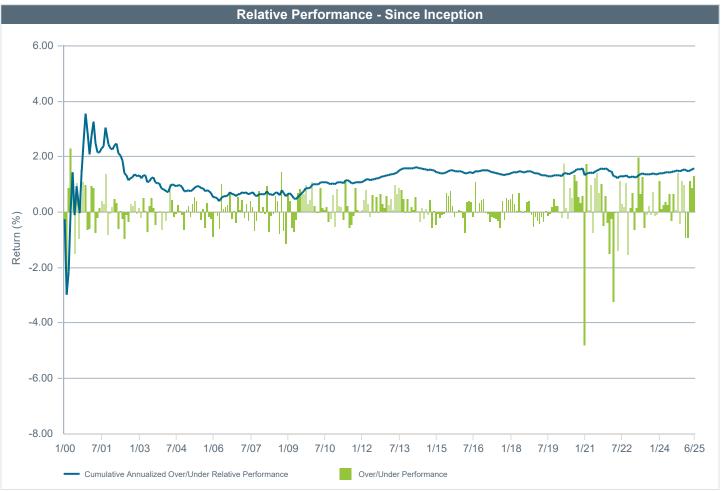
# **Manager: Grosvenor Institutional Partners (CF)**

Benchmark: HFN FOF Multi-Strat Index (Net)

				Pe	rforman	се					
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2024	2023	2022	2021	2020
Manager	5.95	11.94	10.03	8.62	6.51	5.48	13.01	8.26	-5.76	7.87	17.24
Benchmark	2.55	6.65	5.85	6.12	4.49	3.57	7.25	4.80	-1.35	6.77	9.79
Difference	3.40	5.28	4.18	2.50	2.02	1.91	5.76	3.46	-4.41	1.10	7.46



	Actual Correlation
HFN FOF Multi-Strat Index (Net)	0.82
S&P 500 Index (Cap Wtd)	0.59
Russell 2000 Index	0.55
MSCI EAFE Index (USD) (Net)	0.56
MSCI Emg Mkts Index (USD) (Net)	0.47
Bloomberg US Agg Bond Index	0.11
Bloomberg US Trsy US TIPS Index	0.18
Wilshire US REIT Index	0.37
HFRI FOF Comp Index	0.82
Bloomberg Cmdty Index (TR)	0.30
ICE BofA 3 Mo US T-Bill Index	0.06
Cons Price Index (Unadjusted)	-0.07



Performance shown is net of fees and product specific. Calculation is based on monthly periodicity.



### Investment Strategy

Grosvenor manages a customized hedge fund of fund portfolio for KCPERS, Grosvenor FOB Fund. The customized portfolio is structured to meet KCPERS specific needs of seeking a superior absolute and risk-adjusted rate of return, with low performance volatility, low correlations with global equity and fixed-income markets, over a full market cycle, and to preserve capital during challenging market environments. Specifically, the Fund seeks to generate a return of treasury bills + 600 basis points over a full market cycle, an annualized standard deviation of less than 10%, and a beta to equity markets of less than 0.4.

### Fund Details as of 06/30/2025

Fund Assets (USD millions): 115 Inception Date: August 1, 2014

Currency: USD

Number of Investment Managers: 22 Number of Portfolio Funds: 22

Style Mandate: Broad Mandate Multi-Strategy Portfolios

Portfolio Type: Offshore Non-Plan Asset Top 10 Investment Managers % of NAV: 66.18 Top 20 Investment Managers % of NAV: 94.68

Strategy	Allocation as of 06/30/2025			
Equities	34.8%			
Macro	2.3%			
Credit	14.3%			
Relative Value	28.4%			
Multi-Strategy	12.7%			
Quantitative	5.0%			
Uninvested	2.1%			
Other	0.5%			
Strategy Performance Attribution				
OTD Contrib VTD Contrib				

Other	0.5%				
Strategy Performance Attribution					
	QTD Rate Of Return	QTD Contrib to Rate Of Return	YTD Contrib to Rate Of Return	Allocation as of 06/30/2025	
Equities	8.13%	2.76%	4.96%	34.8%	
Macro	2.90%	0.07%	5.82%	2.3%	
Credit	1.02%	0.15%	3.12%	14.3%	
Relative Value	3.79%	1.05%	3.71%	28.4%	
Multi-Strategy	5.00%	0.63%	7.29%	12.7%	
Quantitative	4.67%	0.23%	19.59%	5.0%	
Commodities				0.0%	
Uninvested				2.1%	
Other	-2.20%	-0.01%	-4.45%	0.5%	
TOTAL	4.65%	4.88%	40.04%	100%	

IUIAL	4.65%	4.88%	40.04%	100%
	Derivatives I	Report - Expos	sure Table	
Eveneura Catagoni			Notional	
Exposure Category	Long	Short	Gross	Net
U.S. / Canada	120.8	94.8	215.6	26.0
Latin America	0.9	0.4	1.3	0.5
Europe - Developed	44.5	40.2	84.7	4.3
Europe - Emerging	0.9	1.3	2.2	-0.4
Asia - Japan	5.3	5.8	11.1	-0.5
Asia - Developed ex Japan	8.8	4.7	13.5	4.1
Asia - Emerging	2.2	1.9	4.1	0.3
Middle East/Africa	0.3	0.2	0.5	0.1
Global	25.8	25.8	51.6	0.0
Portfolio Fund Cash	-	-	-	-
Grosvenor Fund Cash	-	-	-	-
Tail Risk Protection	-	-	-	-
Total Grosvenor Fund	209.5	175 1	384.6	

Asset Allocation	
5.0% 2.1% 0.5%	■Equities
12.7%_	■Macro
34.8%	■ Credit
	■Relative Value
	■ Multi-Strategy
28.4%_	<ul><li>Quantatative</li><li>Uninvested</li></ul>
14.3%	Other
	_ 34101

Fund Liquidity Schedule as of 06/30/2025 - (with lockup)				
	Amount	%	Cumulative %	
Daily	2,402	2.10	2.10	
Monthly	11,770	10.28	12.37	
Quarterly	42,050	36.72	49.09	
Semi-annually	13,070	11.41	60.50	
Annually	21,244	18.55	79.05	
Every 18 Months	2,969	2.59	81.65	
Biannually	2,969	2.59	84.24	
Triannually	1,119	0.98	85.22	
Other	8,625	7.53	92.75	
Designated/Illiquid	8,305	7.25	100.00	

Data is as of 06/30/2025 unless otherwise noted. Notional exposures will differ slightly from Grosvenor due to rounding.



# Addendum & Glossary

## As of June 30, 2025

# Kansas City Police Employees' Retirement Systems Addendum

## Performance Related Comments

- Performance shown for composites is net of fees, unless otherwise noted. Performance shown for managers is gross of fees except for Grosvenor Institutional Partners (CF) which is shown net of fees.
- RVK began monitoring the assets and performance of Kansas City Police Employees' Retirement System in 07/2013.
- Performance shown on manager pages reflect the Police Retirement System for all funds.
- Gross performance shown for White Oak Fixed Income C LP differs from the manager's due to a difference in performance calculation methods.
- Performance shown for Financial Counselors may differ from what is reported by the manager due to differences in bond pricing between the manager and the custodian.
- Performance for White Oak Fixed Income C LP, Morgan Stanley Prime Property LLC, PGIM Real Estate PRISA II (CF), Abbott
  Capital Private Equity LP (CF), and J.P. Morgan Private Equity III (CF) is reported on a quarterly basis. Performance for Direct
  Lending is not yet available.

## **Index Comments**

- The Target Allocation Indices are calculated monthly and currently consists of 38% MSCI ACW IM Index (USD) (Net), 31% Bloomberg US Agg Bond Index, 10% S&P UBS Leveraged Loan Index +2%, 13% NCREIF ODCE Index (AWA) (Net), and 8% Long Term Absolute Return Custom Benchmark.
  - Prior to 09/2023, the Target Allocation Indices consisted of 38% MSCI ACW IM Index (USD) (Net), 31% Bloomberg US Agg Bond Index, 7% ICE BofA 3 Mo US T-Bill Index+5%, 13% NCREIF ODCE Index (AWA) (Net), and 11% Long Term Absolute Return Custom Benchmark.
  - Prior to 07/2020, the Target Allocation Indices consisted of 37% MSCI ACW IM Index (USD) (Net), 30% Bloomberg US Agg Bond Index, 5% ICE BofA 3 Mo US T-Bill Index+5%, 11% NCREIF ODCE Index (AWA) (Net), 15% Long Term Absolute Return Custom Benchmark, and 2% Cambridge US Prvt Eq Index (1 Qtr Lag).
  - Prior to 04/2018, the Target Allocation Indices consisted of 37% MSCI ACW IM Index (USD) (Net), 30% Bloomberg US Agg Bond Index, 5% Real Return Custom Benchmark, 11% NCREIF ODCE Index (AWA) (Net), 15% Long Term Absolute Return Custom Benchmark, and 2% Cambridge US Prvt Eq Index (1 Qtr Lag).
  - Prior to 07/2017, the Target Allocation Indices consisted of 35% MSCI ACW IM Index (USD) (Net), 30% Bloomberg US Agg Bond Index, 5% Real Return Custom Benchmark, 10% NCREIF ODCE Index (AWA) (Net), 15% Long Term Absolute Return Custom Benchmark, and 5% Cambridge US Prvt Eq Index (1 Qtr Lag).
  - Prior to 11/2014, the Target Allocation Indices consisted of 35% MSCI ACW IM Index (USD) (Net), 30% Bloomberg US Agg Bond Index, 5% Real Return Custom Benchmark, 10% NCREIF Property Index, 15% Long Term Absolute Return Custom Benchmark, and 5% Cambridge US Prvt Eq Index (1 Qtr Lag).
  - Prior to 07/2014, the Target Allocation Indices consisted of 35% MSCI ACW IM Index (USD) (Net), 30% Bloomberg US Agg Bond Index, 5% Real Return Custom Benchmark, 10% NCREIF Property Index, 15% HFRI FOF Comp Index, and 5% Cambridge US Prvt Eq Index (1 Qtr Lag).
  - Prior to 03/2014, the Target Allocation Indices consisted of 15% S&P 500 Index (Cap Wtd), 11% Russell 2000 Index, 10% MSCI EAFE Index (USD) (Net), 10% MSCI Emg Mkts Index (USD) (Net), 24% Bloomberg A+ US Gov't/Crdt Index, 5% ICE BofA US Hi Yld Master II Index, 5% Real Return Custom Benchmark, 5% NCREIF Property Index, 10% HFRI FOF Composite Index, 3% Venture Economics All Private Equity Index (1 Qtr Lag), and 2% FTSE 3 Mo T-Bill Index.
- The Long Term Absolute Return Custom Benchmark consists of 100% ICE BofA 3 Mo US T-Bill Index+5.
  - Prior to 07/2020, the Long Term Absolute Return Custom Benchmark consisted of 70% ICE BofA 3 Mo US T-Bill Index+5% and 30% Consumer Price Index+5%.
- The Absolute Return Custom Benchmark is calculated monthly using beginning of month manager weights applied to each corresponding benchmark return.
- S&P UBS Leveraged Loan Index +2% benchmark for Direct Lending and White Oak Fixed Income Fund C L.P. assumes a 0.00% return during interim quarter months and when corresponding fund performance is not yet available.

# Market Value Comments

- Market values shown for White Oak Fixed Income C LP is as of 03/31/2025.
- Market values shown for Ares Pathfinder Core LP is as of 03/31/2025.
- Market values shown for Abbott Capital Private Equity LP (CF) are as of 03/31/2025, adjusted for subsequent cash flows.
- Market values shown for J.P. Morgan Private Equity III (CF) are as of 03/31/2025, adjusted for subsequent cash flows.

## Miscellaneous Comments

- Fidelity Strat RI Rtn (FSRRX) was liquidated on 03/30/2018 and White Oak Fixed Income C LP was funded with the proceeds.
- S&P UBS Leveraged Loan Index +2% benchmark for Direct Lending, White Oak Fixed Income C LP, and Ares Pathfinder Core LP assumes a 0.00% return during interim quarter months and when corresponding fund performance is not yet available.
- GMO:Bchmk-Fr All;III (GBMFX) was liquidated on 06/24/2020.
- GQG Partners Emg Mkts Eq (CF) was incepted on 10/21/2020.
- On 10/30/2020, assets invested in WTC-CIF II US Sm Cap 2000 Series 1 (CF) and WTC-CTF Intl Sm Cap Research Equity (CF) were liquidated and used to fund WTC-CTF Global Perspectives (CF). LSV Emg Mkts Equity (CF) and LSV Emg Mkts Sm Cap Equity (CF) were liquidated on 11/23/2020 and 11/20/2020, respectively.
- Ares Pathfinder Core was incepted on 07/01/2024.



Active Return - The difference between the investment manager/composite performance relative to the performance of an appropriate market benchmark.

Active Share - Measures the degree to which the holdings of a fund differ from the holdings of the benchmark. Active share is calculated by taking the sum of the absolute value of the differences of the weight of each holding in the fund versus the weight of each holding in the benchmark and dividing by two

**Alpha** - A measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. It is a measure of the portfolio's historical performance not explained by movements of the market or a portfolio's non-systematic return.

**Alpha Ratio** - A measure of a portfolio's non-systematic return per unit of downside risk. It is measured by dividing the alpha of a portfolio by the downside risk. The non-systematic return is a measure of a portfolio's historical performance not explained by movements of the market.

Average Quality - Bond quality ratings are reported using the investment managers' and the index providers' preferred rating agency. Average Quality for managers unable to provide this statistic is instead provided by Morningstar; if unavailable on Morningstar, it has been estimated using a credit quality distribution provided by the manager. There are two primary rating agencies in the US. Moody's assigns ratings on a system that employs up to four symbols (consisting of letters and numbers), such as, Aaa, Aa2, etc., with Aaa being the highest or safest rating. Standard & Poor's (S&P) employs a system that uses + and - along with letters, such as AAA, AA+, etc. The two rating agencies' systems are summarized below:

S&P	Moody's	<u>Explanation</u>	S&P	Moody's	<b>Explanation</b>
Higher Cr	edit Quality – I	nvestment Grade	Lower Cr	edit Quality – E	Below Investment Grade
AAA	Aaa	Prime/Highest credit quality	BB+	Ba1	Speculative/Low credit quality
AA+	Aa1	High credit quality	BB	Ba2	
AA	Aa2		BB-	Ba3	
AA-	Aa3		B+	B1	Highly speculative
A+	A1	Upper-medium credit quality	В	B2	
Α	A2		B-	B3	
A-	A3		CCC+	Caa1	Substantial credit/default risk
BBB+	Baa1	Lower-medium credit quality	CCC	Caa2	Extremely speculative
BBB	Baa2		CCC-	Caa3	
BBB-	Baa3		CC	Ca	Vulnerable to default
			С	Ca	
			D	С	In default

Benchmark Effect - The difference between the blended return of each respective managers' benchmark within a composite and the composite's benchmark return.

Beta - A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of a portfolio's non-diversifiable or systematic risk.

**Box Plots** - A graphical representation of the distribution of observations. From top to bottom, the four boxes represent the spread between the maximum value and the minimum value in each quartile. A quartile represents the values that divide the observations into four quarters (i.e., 1<sup>st</sup> quartile, 2<sup>nd</sup> quartile, 3<sup>rd</sup> quartile, and 4<sup>th</sup> quartile). The median observation is where the 2<sup>nd</sup> quartile and 3<sup>rd</sup> quartile meet.

Buy and Hold Attribution - At the beginning of the time period under analysis, the manager and benchmark portfolios are broken down into segments (i.e., styles, sectors, countries, and regions) based on the desired type of attribution. The formula assumes zero turn-over to the manager and benchmark portfolios throughout the period and calculates the segment returns ("buy and hold returns") to arrive at performance attribution. Due to portfolio turnover, buy and hold attribution may not accurately represent quarterly performance relative to the benchmark. Country, region, sector, and style allocations are as of the date one quarter prior to the reporting date, and the returns shown are for those segments throughout the quarter reported. Due to disclosure guidelines set by each investment manager, equity characteristics shown are as of the most recent date available. The following is the methodology for segment classification:

Sector - Attribution is calculated using the Global Industry Classification Standard (GICS), which is a detailed and comprehensive structure for sector and industry analysis. Stocks are classified by their primary sector as defined by S&P Capital IQ data. Attribution to "Other" is the result of securities based in industries that do not fit into any GICS classification.

Country/Region - Attribution is calculated using the Morgan Stanley Capital International (MSCI) region standards. Stocks are classified by their domicile country/region, as defined by S&P Capital IQ data, and thus may differ from the classification of the investment manager and/or index provider. Attribution to "EMEA" represents securities based in Europe, the Middle East, and Africa. Attribution to "Other" is the result of securities based in countries/regions that do not fit into any MSCI classification.

Style - Stocks are classified into the following style boxes: large/mid/small vs. growth/neutral/value. Stocks are classified along large/mid/small categories at the time of the Russell index rebalancing, using the index market cap boundaries as cutoff points. Stocks are classified along growth/neutral/value categories at the time of the Russell index rebalancing, using the price/book ratio as supplied by S&P Capital IQ. Stocks in the Russell 3000 Index portfolio are sorted by price/book ratio; names with the highest price/book ratio that make up 1/3 of the total market capitalization are assigned to the growth category, and names that make up the subsequent 1/3 of the total market capitalization are assigned to the names are assigned to the value category. Stocks are unclassified when there is not enough data to determine a size and style metric.

Portfolio Characteristics and Buy and Hold Attribution reports utilize product-specific data for all mutual funds and commingled funds.



#### **Capital Markets Review -**

Breakeven Inflation - Measures the expected inflation rate at each stated maturity by taking the difference between the real yield of the inflation-linked maturity curve and the yield of the closest nominal Treasury maturity.

**Consumer Confidence** - Measures domestic consumer confidence as defined by the degree of optimism on the state of the economy that consumers express through saving and spending.

Consumer Price Index (CPI) - Measures the change in the price level of consumer goods and services.

Federal Funds Rate - The interest rate at which a depository institution lends funds maintained at the Federal Reserve to another depository institution overnight. It is one of the most influential interest rates in the US economy, since it affects monetary and financial conditions, which in turn have a bearing on key aspects of the broad economy including employment, growth and inflation.

Option-Adjusted Spread - Measures the flat spread of an index or bond to the Treasury yield curve after removing the effect of any embedded options.

Purchasing Managers Index (PMI) - Measures economic activity by surveying purchasing managers on a monthly basis as to whether business conditions have improved, worsened, or stayed the same.

Real Gross Domestic Product (Real GDP) - An inflation-adjusted measure that reflects the value of all goods and services produced by an economy in a given year.

Unemployment Rate - The percentage of the total labor force that is unemployed but actively seeking employment.

US Dollar Total Weighted Index - Measures the value of the US Dollar relative to a basket of other world currencies. It is calculated as the weighted geometric mean of the dollar's value versus the EUR, GBP, CAD, SEK, CHF, and JPY.

VIX - Measures the implied volatility of S&P 500 Index options by looking at the market's expectation of the S&P 500 Index volatility over the next 30 day period. Commonly referred to as the "fear index" or the "fear gauge."

Cash Flow Effect - The composite's active return minus the sum of each managers' active return minus the benchmark effect.

Consistency - The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. The higher the consistency figure, the more value a manager has contributed to the product's performance.

Convexity - A measure of the shape of the curve that describes the relationship between bond prices and bond yields.

**Correlation** - A statistical measure of the relationship between asset class returns. A value of 1.00 is a perfect correlation; that is, the asset classes always move in the same direction. A value of -1.00 indicates a perfect negative correlation, in which the asset classes always move in opposite directions of each other. A value of 0 indicates there is no relationship between the direction of returns of the two asset classes. Correlation calculations only consider the direction of changes relative to two variables and not the magnitude of those changes.

Coupon Rate - The percentage rate of interest paid on a bond or fixed income security; it is typically paid twice per year.

Current Yield - The annual income of a security divided by the security's current price.

**Down Market Capture** - Down market by definition is negative benchmark return and down market capture represents the ratio in % terms of the average portfolios return over the benchmark during the down market period. The lower the value of the down market capture the better the product's performance.

**Downside Risk** - A measure similar to standard deviation that focuses only on the negative movements of the return series. It is calculated by taking the standard deviation of the negative returns for the selected periodicity. The higher the factor, the riskier the product.

Earnings Per Share - It is backward looking, calculated using the one year current EPS divided by the one year EPS five years ago.

Effective Duration - The approximate percentage change in a bond's price for a 100 basis point change in yield.

Excess Return vs. Market - Average of the monthly arithmetic difference between the manager's return and the benchmark return over a specified time period, shown on an annualized basis.

Excess Return vs. Risk Free - Average of the monthly arithmetic difference between the manager's return and the risk-free return (i.e., ICE BofA 3 Mo US T-Bill Index unless specified otherwise) over a specified time period, shown on an annualized basis.

Excess Risk - A measure of the standard deviation of a portfolio's performance relative to the risk-free return.

Expense Ratios - Morningstar is the source for mutual fund expense ratios.

Gain/Loss - The net increase or decrease in the market value of a portfolio excluding its Net Cash Flow for a given period.

Indices - All indices and related information are considered intellectual property and are licensed by each index provider. The indices may not be copied, used, or distributed without the index provider's prior written approval. Index providers make no warranties and bear no liability with respect to the indices, any related data, their quality, accuracy, suitability, and/or completeness.

**Information Ratio** - Measured by dividing the active rate of return by the tracking error. The higher the information ratio, the more value-added contribution by the manager.



Liability Driven Investing (LDI) - A method to optimally structure asset investments relative to liabilities. The change in liabilities is estimated by the Ryan Labs Generic PPA Index of appropriate duration for that Plan. This benchmark is based on generic data and is therefore an approximation. RVK is not an actuarial firm, and does not have actuarial expertise.

**Estimated Funded Status** - The estimated ratio of a Plan's assets relative to its future liabilities. This is calculated by dividing the Plan's asset market value by the estimated present value of its liabilities. The higher the estimated funded status, the better the Plan's ability to cover its projected benefit obligations. An estimated funded status of 100% indicates a Plan that is fully funded.

**Estimated PV of Liabilities** - An estimate of a Plan's future liabilities in present value terms. The beginning of the period liability is provided by the Plan's actuary. The period-end present value liability estimate provided in this report is derived by applying the estimated percentage change generated using the Ryan Labs Generic PPA Index with duration similar to that reported on the most recent actuarial valuation report. **Duration of Liabilities** - The sensitivity of the value of a Plan's liabilities to changes in interest rates, as calculated by the Plan's actuary.

Duration of Assets - The dollar-weighted average duration of all the individual Plan assets.

**Estimated Plan Hedge Ratio** - The estimate of how well a Plan's investment portfolio is hedged against changes in interest rates - a primary driver of funded status movements. This is calculated by dividing the dollar-weighted values of both the Plan asset duration by the liability duration and multiplying by the estimated funded status. An estimated plan hedge ratio of zero indicates that the Plan's liabilities have not been hedged, whereas a value of one indicates fully hedged.

Modified Duration - The approximate percentage change in a bond's price for a 100 basis point change in yield, assuming the bonds' expected cash flows do not change.

**Mutual Fund Performance** - Whenever possible, manager performance is extended for any share class that does not have 10 years of history. Using Morningstar's methodology, a single ticker within the same fund family (often the oldest share class) is chosen to append historical performance.

Net Cash Flow - The sum, in dollars, of a portfolio's contributions and withdrawals. This includes all management fees and expenses only when performance shown is gross of fees.

#### Peer Groups -

Plan Sponsor Peer Groups - RVK utilizes the Mellon Analytical Solutions Trust Universe along with the Investment Metrics Plan Sponsor Universe. The combined Mellon Analytical Solutions Trust Universe and Investment Metrics Plan Sponsor Universe is used for comparison of total fund composite results and utilizes actual client performance compiled from consultant and custodian data. The Plan Sponsor Peer Group database includes performance and other quantitative data for over 2,100 plans which include corporate, endowment, foundation, public, and Taft Hartley plans. Investment Manager Peer Groups - RVK utilizes Investment Metrics' Peer Groups for investment manager peer comparison and ranking. The Investment Metrics Peer Group database includes performance and other quantitative data for over 840 investment management firms and 29,000 investments products, across more than 160 standard peer groups. Mutual Fund Peer Groups are net of fees.

Percentile Rankings - Percentile rank compares an individual fund's performance with those of other funds within a defined peer group of managers possessing a similar investment style. Percentile rank identifies the percentage of a fund's peer group that has a higher return (or other comparative measurement) than the fund being ranked. Conversely, 100 minus the individual fund's ranking will identify the percentage of funds within the peer group that have a lower return than the fund being ranked.

1 - Highest Statistical Value 100 - Lowest Statistical Value

Example: American Funds AMCP;R-4 (RAFEX) is ranked in the 4<sup>th</sup> percentile within the IM US Equity Large-Cap Growth Funds (MF) Peer Group for the Sharpe Ratio. Within the IM US Equity Large-Cap Growth Funds peer group, 4% of the other funds performed better than American Funds AMCP;R-4 (RAFEX), while 96% of the funds performed worse.

Performance Methodology - RVK calculates performance for investment managers and composites using different methodologies.

Investment Managers - Performance is calculated for interim periods between all large external cash flows for a given month and geometrically linked to calculate period returns. An external cash flow is defined as cash, securities, or assets that enter or exit a portfolio. RVK defines a "large cash flow" as a net aggregate cash flow of ≥10% of the beginning-period portfolio market value or any cash flow that causes RVK calculated performance to deviate from manager/custodian reported performance in excess of 5 basis points for a given month.

Composites - The Modified Dietz methodology is utilized to calculate asset class, sub-asset class, and total fund composite performance. The

Composites - The Modified Dietz methodology is utilized to calculate asset class, sub-asset class, and total fund composite performance. The Modified Dietz method calculates a time-weighted total rate of return that considers the timing of external cash flows; however, it does not utilize interim period performance to mitigate the impact of significant cash in- and outflows to the composite.

RVK calculates performance beginning with the first full month following inception. Since inception performance may vary from manager reported performance due to RVK using the first full month of returns as the inception date. Performance for both managers and composites is annualized for periods greater than one year.

Portfolio Characteristics & Distribution (%) - Due to disclosure guidelines set by each investment manager, portfolio characteristics and distribution percentages shown are as of the most recent date available.

Price to Earnings Ratio - The ratio valuing a company's current share price relative to its trailing 12-month per-share earnings (EPS).

Private Equity Quartile Ranks - Private Equity quartile ranks are generated using vintage year peer group data provided by Thomson Reuters, and are based on each fund's annualized, since inception internal rate of return (IRR). Three Private Equity peer groups are available via Thomson Reuters: Buyout, Venture, and All Private Equity. Ranks are available quarterly, at a one-quarter lag.

**R-Squared** - The percentage of a portfolio's performance explained by the behavior of the appropriate benchmark. High R-Squared means a higher correlation of the portfolio's performance to the appropriate benchmark.

Return - Compounded rate of return for the period.

% Return - The time-weighted rate of return of a portfolio for a given period.

Risk Free Benchmark - ICE BofA 3 Mo US T-Bill Index unless specified otherwise.



**RVK Liquidity Rating** - A qualitative method for determining the relative amount of liquidity in a portfolio. The characteristics considered when determining relative liquidity include trading volume, gates for redemption, leverage, nature of transactions, and pricing mechanisms. The RVK Liquidity Rating is calculated using beginning of month investment weights applied to each corresponding asset class liquidity rating.

Asset Class	<b>RVK Liquidity Rating</b>	Asset Class	<b>RVK Liquidity Rating</b>
<u>Liquid Investments</u>		Less Liquid Investments	
T-Bills and Treasurys	100	Fixed Income Plus Sector	50
Cash Equivalents	98	Stable Value (Plan Sponsor Directed)	50
TIPS	95	Hedge Funds of Funds	35
US Large Cap Equity	95	0	
Diversified Real Return	93		
Stable Value (Participant Directed)	91		
Global Equity	90	Not Liquid Investments	
Non-US Large Cap Equity	90	Core Real Estate	25
Global Tactical Asset Allocation	88	Core Plus Real Estate	15
MLPs	85	Non-Core Real Estate	5
US Mid Cap Equity	85	Private Equity	5
US SMid Cap Equity	85	Private Credit	5
US Small Cap Equity	85		
REITs	85		
Non-US Small Cap Equity	85		
Emerging Markets Equity	85		
Core Fixed Income	85		
Core Plus Fixed Income	80		

Sector Allocation - Negative fixed income sector allocation reflects manager's use of derivatives, short selling, or interest rate swaps. An allocation to "Other" is the result of securities that do not fit into RVK's standardized classification, such as Catastrophe, CLOs, Common Stock, Convertibles, CRTs, Derivatives, Direct Loans, Emerging Markets Local Corporates, ETFs, FX Forwards, Infrastructure Debt, Reverse Repo, Swaps, Trade Finance, Unsecured Bonds, and Other Assets.

Sharpe Ratio - Represents the excess rate of return over the risk-free return (i.e., ICE BofA 3 Mo US T-Bill Index unless specified otherwise), divided by the standard deviation of the excess return to the risk free asset. The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical risk-adjusted performance.

Simple Alpha - The difference between the manager's return and the benchmark's return.

**Spread Duration** - The approximate percentage change in a bond's price for a 100 basis point change in its spread over a Treasury of the same maturity.

**Standard Deviation -** A statistical measure of the range of a portfolio's performance. The variability of a return around its average return over a specified time period.

Thematic Classification - Represents dedicated manager allocations; as such, thematic allocations are approximations. RVK categorizes the following asset classes as Alpha, Capital Appreciation, Capital Preservation, and Inflation:

Alpha Absolute Return Strategies Currency Overlay	Capital Appreciation Public Equity Private Equity Preferred Securities High Yield Convertible Fixed Income TALF Funds Distressed Debt Emerging Market Fixed Income Value Added Real Estate	Capital Preservation Core Fixed Income CMBS Fixed Income Asset Backed Fixed Income Domestic Core Plus Fixed Income Mortgage Backed Fixed Income International Developed Fixed Income Cash Equivalents Stable Value	Inflation TIPS Bank Loans Core Real Estate Real Return Inflation Hedges REITs Commodities
	Value Added Real Estate Opportunistic Real Estate		

Time Period Abbreviations - QTD - Quarter-to-Date, CYTD - Calendar Year-to-Date, FYTD - Fiscal Year-to-Date, YOY - Year Over Year,

Total Fund Attribution – The Investment Decision Process (IDP) model provides an approach to evaluating investment performance that applies to all asset classes and investment styles. The IDP model is based on a top-down hierarchy framework of investment decisions, with each decision contributing to the overall profit or loss. The IDP approach starts from the strategic asset allocation and follows the flow of the investments down to the manager's skill.

Strategic Asset Allocation (SAA) – The percentage return gained or lost from the long-term strategic asset allocation decision, the most significant determinant of long-term performance. SAA is the product of the target asset allocation multiplied by the corresponding benchmark returns.

Tactical Asset Allocation (TAA) – The percentage return gained or lost from not having been precisely allocated at the target asset allocation mix, whether by deviations that are tactical in nature or a by-product of moving towards the target mix. TAA is the product of the actual asset allocation multiplied by the broad asset class benchmarks, less the SAA.

Style Selection (SS) – The percentage return gained or lost from intentional style biases within each asset class (e.g. value rather than core or overweight to emerging markets relative to benchmark). SS is the product of the actual manager allocation within each asset class multiplied by their specific benchmark, less TAA.

Manager's Skill (MS) – The percentage return gained or lost from manager value added relative to their specific benchmark. MS is the product of the actual manager allocation multiplied by their achieved excess return.



**Total Fund Beta** - Total Fund Beta is calculated using the S&P 500 as the benchmark. It represents a measure of the sensitivity of the total fund to movements in the S&P 500 and is a measure of the Total Fund's non-diversifiable or systematic risk.

Tracking Error - A measure of the standard deviation of a portfolio's performance relative to the performance of an appropriate market benchmark.

**Treynor Ratio** - Similar to Sharpe ratio, but focuses on beta rather than excess risk (standard deviation). Treynor ratio represents the excess rate of return over the risk-free rate (i.e., ICE BofA 3 Mo US T-Bill Index unless specified otherwise) divided by the beta. The result is the absolute rate of return per unit of risk. The higher the value, the better historical risk-adjusted performance.

Unit Value - The dollar value of a portfolio, assuming an initial nominal investment of \$100, growing at the compounded rate of %Return for a given period.

**Up Market Capture** - Up market by definition is positive benchmark return and up market capture represents the ratio in % terms of the average portfolio's return over the benchmark during the up market period. The higher the value of the up market capture the better the product's performance.

Yield to Maturity - The rate of return achieved on a bond or other fixed income security assuming the security is bought and held to maturity and that the coupon interest paid over the life of the bond will be reinvested at the same rate of return. The 30-Day SEC Yield is similar to the Yield to Maturity and is reported for mutual funds.

Yield to Worst - The bond yield calculated by using the worst possible yield taking into consideration all call, put, and optional sink dates.





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