

(Preliminary, Subject to Change)



Employees' Pension System

City of Knoxville

Employees' Pension System

Executive Summary

December 31, 2023

Manager Status

Market Value: \$685.9 Million and 100.0% of Fund

Investment Manager	Asset Class	Status	Reason
IR+M Core Fixed	Core Fixed Income	In Compliance	
Schroders (STW) Fixed Income	Long-Term Govt. Fixed Income	In Compliance	
IR+M TIPS	TIPS	In Compliance	
Ninety One EMD Blend	EM Fixed Income	In Compliance	
Parametric Defensive Equity	Defensive Equity	In Compliance	
Eagle Capital Management	Large-Cap Value	In Compliance	
NT Russell 1000 Growth Index Fund	Large-Cap Growth	In Compliance	
Pinnacle Associates Small Mid Cap	Smid-Cap Growth	In Compliance	
William Blair Small Cap Value	Small-Cap Value	In Compliance	
Silchester International Value	Non-U.S. Large-Cap Value	In Compliance	
Acadian Emerging Markets	Emerging Markets	In Compliance	
NT Quality Low Volatility	Global Low-Volatility	In Compliance	
Neuberger Berman Crossroads IXX (2010)	Global Divers. Private Equity FoF	In Compliance	
Fort Washington Private Equity Fund III	Secondary Private Equity FoF	In Compliance	
Fort Washington Private Equity Fund IX	Global Divers. Private Equity FoF	In Compliance	
Aberdeen Private Equity VII	LBO Private Equity FoF	In Compliance	
57 Stars Global Opportunity Fund	Global Divers. Private Equity FoF	In Compliance	
Top Tier Venture Velocity Fund I	Venture Private Equity FoF	In Compliance	
Top Tier Venture Velocity Fund IV	Venture Private Equity FoF	In Compliance	
Neuberger Berman Crossroads XXI	Global Divers. Private Equity FoF	In Compliance	
Partners Group II	Global Divers. Private Equity FoF	In Compliance	
Fort Washington Private Equity Fund X	Global Divers. Private Equity FoF	In Compliance	
Adams Street Direct 2009	Divers. Private Equity	In Compliance	
Adams Street US	U.S. Divers. Private Equity	In Compliance	
Adams Street Non-US Developed	Non-U.S. Divers. Private Equity FoF	In Compliance	
Adams Street Non-US Emerging	Non-U.S. Divers. Private Equity FoF	In Compliance	
Adams Street US SMB II	U.S. Divers. Private Equity	In Compliance	
Adams Street Co-Investment V	Private Equity Co-Investment	In Compliance	
Principal Global Investors	Core Real Estate	In Compliance	
RREEF America II	Core Real Estate	In Compliance	
Aether Real Assets II	Real Assets	In Compliance	
DWS RREEF Global Infrastructure	Global Infrastructure	In Compliance	
ULLICO Infrastructure	Core Infrastructure	In Compliance	
IFM Global Infrastructure	Core Infrastructure	In Compliance	

Open-End Investment Manager Evaluation Terminology

The following terminology has been developed by Marquette Associates to facilitate efficient communication among the Investment Manager, Investment Consultant, and the Plan Sponsor. Each term signifies a particular status with the Fund and any conditions that may require improvement. In each case, communication is made only after consultation with the Trustees and/or the Investment Committee of the Plan.

In Compliance – The investment manager states it is acting in accordance with the Investment Policy Guidelines.

Alert – The investment manager is notified of a problem in performance (usually related to a benchmark or volatility measure), a change in investment characteristics, an alteration in management style or key investment professionals, and/or any other irregularities.

On Notice – The investment manager is notified of continued concern with one or more Alert issues. Failure to improve upon stated issues within a specific time frame justifies termination.

Termination - The Trustees have decided to terminate the investment manager. The investment manager is notified and transition plans are in place.

Closed-End Investment Manager Evaluation Terminology

Exceeds Expections – Ranks in the 1st quartile of the respective vintage year and asset class universe.

Meets Expections – Ranks in the 2nd or 3rd quartile of the respective vintage year and asset class universe.

Below Expections - Ranks in the 3rd or 4th quartile of the respective vintage year and asset class universe.



Market Value: \$685.9 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Total Fund Composite		685,932,444	-5,437,921	100.0	100.0	0
Total Fixed Income Composite		176,959,726	79,880	25.8	29.0	-21,960,682
Traditional Fixed Income Composite		147,324,330	79,880	21.5	24.0	-17,299,456
Core Fixed Income Composite		67,465,088	-13,176	9.8	10.0	-1,128,156
IR+M Core Fixed	Core Fixed Income	67,465,088	-238	9.8		
Long Fixed Income Composite		57,021,088	80,130	8.3	10.0	-11,572,156
Schroders (STW) Fixed Income	Long-Term Govt. Fixed Income	57,021,088	80,130	8.3		
TIPS Composite		22,838,154	-13	3.3	4.0	-4,599,144
IR+M TIPS	TIPS	22,838,154	-13	3.3		
Emerging Debt Composite		29,635,396	0	4.3	5.0	-4,661,226
Ninety One EMD Blend	EM Fixed Income	29,635,396	0	4.3		
Total Equity Composite		395,251,911	-4,571,810	57.6	51.0	45,426,365
US Equity Composite		177,544,895	-5,530,100	25.9	24.0	12,921,108
Total Large Cap Composite		144,526,692	-5,529,669	21.1	19.0	14,199,528
Parametric Defensive Equity	Defensive Equity	32,381,452	-25,153	4.7		
Large Cap Equity Composite		112,145,240	-5,504,516	16.3	15.0	9,255,373
Eagle Capital Management	Large-Cap Value	60,008,671	-2,504,516	8.7		
NT Russell 1000 Growth Index Fund	Large-Cap Growth	52,136,569	-3,000,000	7.6		
Small/Mid Cap Composite		33,018,203	-432	4.8	5.0	-1,278,420
Pinnacle Associates Small Mid Cap	Smid-Cap Growth	16,295,411	-290	2.4		
William Blair Small Cap Value	Small-Cap Value	16,722,792	-142	2.4		
International Equity Composite		145,309,452	-88,402	21.2	19.0	14,982,287
Silchester International Value	Non-U.S. Large-Cap Value	77,522,452	-88,402	11.3		
Emerging Markets Composite		33,176,793	0	4.8	4.0	5,739,495
Acadian Emerging Markets	Emerging Markets	33,176,793	0	4.8		
Global Equity Composite		34,610,207	0	5.0	5.0	313,585
NT Quality Low Volatility	Global Low-Volatility	34,610,207	0	5.0		

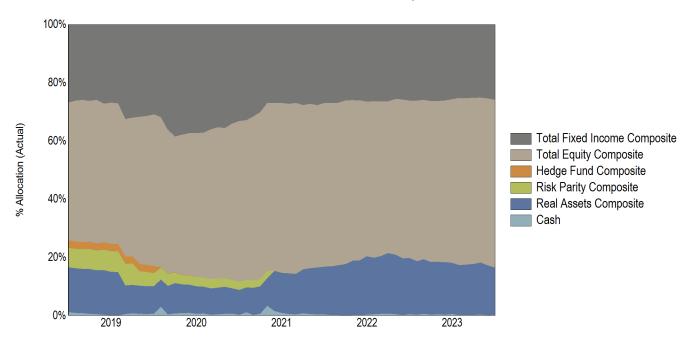
Market Value: \$685.9 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Private Equity Composite		72,397,565	1,046,693	10.6	8.0	17,522,969
Neuberger Berman Crossroads IXX (2010)	Global Divers. Private Equity FoF	549,353	0	0.1		
Fort Washington Private Equity Fund III	Secondary Private Equity FoF	1,441,006	-175,000	0.2		
Fort Washington Private Equity Fund IX	Global Divers. Private Equity FoF	6,730,716	0	1.0		
Aberdeen Private Equity VII	LBO Private Equity FoF	7,191,390	0	1.0		
57 Stars Global Opportunity Fund	Global Divers. Private Equity FoF	6,746,913	-50,468	1.0		
Top Tier Venture Velocity Fund I	Venture Private Equity FoF	3,133,725	0	0.5		
Top Tier Venture Velocity Fund IV	Venture Private Equity FoF	2,567,411	299,860	0.4		
Neuberger Berman Crossroads XXI	Global Divers. Private Equity FoF	4,826,767	-149,985	0.7		
Partners Group II	Global Divers. Private Equity FoF	25,279,941	0	3.7		
Fort Washington Private Equity Fund X	Global Divers. Private Equity FoF	7,870,485	247,500	1.1		
Adams Street Composite		6,059,858	874,786	0.9	-	6,059,858
Adams Street Direct 2009	Divers. Private Equity	93,610	-1,949	0.0		
Adams Street US	U.S. Divers. Private Equity	1,007,001	-28,287	0.1		
Adams Street Non-US Developed	Non-U.S. Divers. Private Equity FoF	459,030	-27,682	0.1		
Adams Street Non-US Emerging	Non-U.S. Divers. Private Equity FoF	264,804	-12,296	0.0		
Adams Street US SMB II	U.S. Divers. Private Equity	2,368,709	570,000	0.3		
Adams Street Co-Investment V	Private Equity Co- Investment	1,866,704	375,000	0.3		
Real Assets Composite		111,914,153	-943,852	16.3	20.0	-25,272,336
Core Real Estate Composite		66,919,241	-369,969	9.8	10.0	-1,674,003
Principal Global Investors	Core Real Estate	32,719,092	0	4.8		
RREEF America II	Core Real Estate	34,200,150	-369,969	5.0		
Non-Core Real Estate		-			-	0
Energy/Natural Resources Composite		2,334,573	-153,814	0.3	0.0	2,334,573
Private Real Assets Composite		2,334,573	-153,814	0.3	-	2,334,573
Aether Real Assets II	Real Assets	2,334,573	-153,814	0.3		
Global Infrastructure Composite		42,660,339	-420,070	6.2	5.0	8,363,716
DWS RREEF Global Infrastructure	Global Infrastructure	8,147,194	-49,400	1.2		
ULLICO Infrastructure	Core Infrastructure	10,756,740	-183,894	1.6		
IFM Global Infrastructure	Core Infrastructure	23,756,405	-186,775	3.5		
Cash	Cash & Equivalents	1,806,653	-2,139	0.3	0.0	1,806,653

Asset Allocation

Market Value: \$685.9 Million and 100.0% of Fund

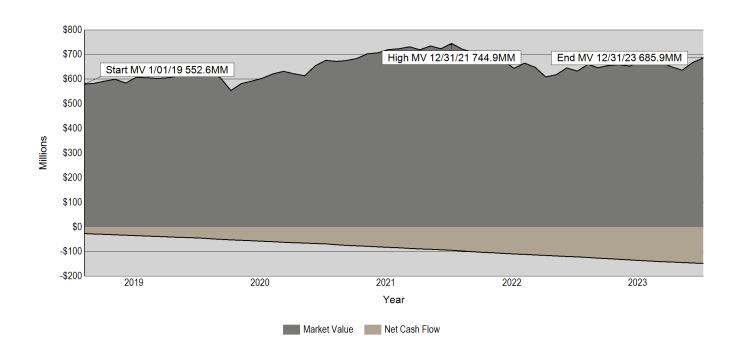
Asset Allocation History



	Current	Policy	Difference	%
Fixed Income	\$176,959,726	\$198,920,409	-\$21,960,682	-3.2%
U.S. Equity	\$177,544,895	\$164,623,786	\$12,921,108	1.9%
Non-U.S. Equity	\$145,309,452	\$130,327,164	\$14,982,287	2.2%
Hedge Funds		\$0	\$0	0.0%
Real Assets	\$111,914,153	\$137,186,489	-\$25,272,336	-3.7%
Private Equity	\$72,397,565	\$54,874,595	\$17,522,969	2.6%
Other	\$1,806,653	\$0	\$1,806,653	0.3%
Total	\$685,932,444	\$685,932,444		

Market Value History

Market Value: \$685.9 Million and 100.0% of Fund



Summary of Cash Flows

	Year-To-Date	Fiscal Year-To-Date	One Year	Three Years	Five Years
Beginning Market Value	\$632,854,170	\$669,314,537	\$632,854,170	\$676,320,886	\$552,646,986
Net Cash Flow	-\$24,938,935	-\$11,124,804	-\$24,938,935	-\$73,551,844	-\$114,154,916
Net Investment Change	\$78,017,209	\$27,742,710	\$78,017,209	\$83,163,402	\$247,440,374
Ending Market Value	\$685,932,444	\$685,932,444	\$685,932,444	\$685,932,444	\$685,932,444

Annualized Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

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	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	3.1%	6.4%	12.6%	4.2%	12.6%	4.2%	8.2%	6.4%	6.9%	Aug-00
Total Fund Policy Index	3.1%	6.2%	9.2%	3.2%	9.2%	2.9%	7.4%	6.1%	5.6%	Aug-00
Total Fund Allocation Index	3.7%	7.1%	9.4%	3.8%	9.4%	2.7%	7.2%	5.4%	5.9%	Aug-00
Total Fixed Income Composite	4.9%	8.8%	7.4%	3.5%	7.4%	-4.2%	2.6%	2.9%	5.4%	Aug-00
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	3.4%	Aug-00
	3.070		0.070		0.070		1.170	1.070		
Traditional Fixed Income Composite	5.2%	8.7%	6.5%	3.1%	6.5%	-4.7%	2.5%		2.6%	Nov-14
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.4%	Nov-14
Core Fixed Income Composite	4.0%	6.9%	6.4%	3.6%	6.4%	-2.9%	1.9%	2.5%	2.5%	Sep-13
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.8%	Sep-13
Long Fixed Income Composite	7.9%	13.1%	7.5%	2.7%	7.5%	-8.5%	2.2%	4.0%	7.3%	Sep-91
Bloomberg US Govt/Credit Long TR	7.9%	13.1%	7.1%	2.6%	7.1%	-8.7%	1.1%	3.2%	6.4%	Sep-91
bloomberg 03 Govt/Credit Long TA	1.970	13.270	1.170	2.070	1.170	-0.1 /0	1.170		0.470	·
TIPS Composite	2.0%	3.8%	4.5%	2.8%	4.5%	0.8%	3.5%	2.3%	2.5%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	2.1%	3.9%	4.4%	2.8%	4.4%	0.7%	3.4%	2.3%	2.4%	Jul-10
Emerging Debt Composite	3.9%	8.9%	12.1%	5.5%	12.1%	-1.7%	3.2%	1.6%	1.6%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	3.6%	7.6%	8.8%	5.6%	8.8%	-2.3%	1.7%	1.6%	1.6%	Nov-13
Bloomberg Emerging Markets TR	4.2%	8.1%	9.1%	5.6%	9.1%	-3.1%	1.8%	3.0%	3.0%	Nov-13
Total Equity Composite	3.8%	7.7%	21.5%	6.8%	21.5%	8.2%	11.9%	8.8%	9.5%	Oct-91
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	7.5%	Oct-91
US Equity Composite	4.6%	10.7%	30.5%	8.4%	30.5%	8.3%	14.7%	11.2%	8.6%	Apr-00
Russell 3000	5.3%	12.1%	26.0%	8.4%	26.0%	8.5%	15.2%	11.5%	7.1%	Apr-00
Total Large Cap Composite	3.4%	10.6%	34.9%	9.4%	34.9%	9.5%	15.8%	12.2%	10.7%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	Mar-08
Large Cap Equity Composite	3.7%	12.0%	40.8%	10.8%	40.8%	9.6%	17.5%	13.1%	11.2%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	Mar-08
Small/Mid Cap Composite	10.7%	11.4%	13.1%	3.7%	13.1%	3.3%	10.1%	7.2%	7.6%	Sep-07
Russell 2500	10.7%	13.4%	17.4%	7.9%	17.4%	4.2%	11.7%	8.4%	8.2%	Sep-07
International Equity Composite	4.6%	7.9%	20.0%	8.0%	20.0%	6.5%	7.6%	5.2%	6.4%	Apr-00
International Equity Policy Index	5.0%	9.8%	15.6%	5.6%	15.6%	1.5%	7.1%	3.8%	3.4%	Apr-00
Emerging Markets Composite	4.6%	8.8%	22.7%	9.5%	22.7%	2.2%	7.2%	4.4%	5.6%	Jan-10
MSCI Emerging Markets	3.9%	7.9%	9.8%	4.7%	9.8%	-5.1%	3.7%	2.7%	3.1%	Jan-10
Global Equity Composite	4.0%	9.7%	16.6%	6.4%	16.6%	6.4%			3.2%	Oct-19
S&P Global Low Volatility Index	4.2%	8.2%	8.3%	4.7%	8.3%	5.5%			3.3%	Oct-19
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	9.5%	Oct-19

Annualized Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Private Equity Composite	0.0%	0.3%	5.5%	1.0%	5.5%	12.7%	15.0%	13.2%	-2.3%	May-09
Cambridge Associates All PE	0.0%	0.0%	3.1%	-0.6%	3.1%	9.2%	15.4%	14.1%	15.1%	<i>May-09</i>
Real Assets Composite	-1.8%	-1.1%	-4.9%	-3.1%	-4.9%	6.2%	4.6%	4.6%	5.8%	Apr-04
Real Assets Policy Index	-0.6%	-0.8%	-8.5%	-4.5%	-8.5%	7.4%	4.1%	3.8%	5.4%	Apr-04
Core Real Estate Composite	-4.0%	-4.1%	-12.4%	-6.9%	-12.4%	5.2%	4.9%	7.9%	7.3%	Mar-04
NFI-ODCE	-1.6%	-4.8%	-12.1%	-6.7%	-12.1%	4.9%	4.2%	7.3%	7.2%	Mar-04
Non-Core Real Estate		-		-		-				Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-5.0%		-6.1%	Jun-15
S&P MLP Index	-2.0%	3.1%	22.9%	14.2%	22.9%	32.6%	12.8%	2.6%	2.2%	Jun-15
Private Real Assets Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-6.1%	-5.5%	-0.9%	Dec-10
Global Infrastructure Composite	1.7%	4.0%	9.1%	3.2%	9.1%				7.7%	May-21

Calendar Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

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	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Fund Composite	12.6%	-11.8%	13.9%	11.6%	17.3%	-5.6%	16.2%	8.6%	-1.1%	6.6%
Total Fund Policy Index	9.2%	-11.3%	12.4%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%
Total Fund Allocation Index	9.4%	-12.2%	12.9%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%
Total Fixed Income Composite	7.4%	-17.5%	-1.0%	13.8%	14.0%	-2.3%	7.6%	7.1%	-3.1%	6.7%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
Traditional Fixed Income Composite	6.5%	-18.5%	-0.4%	14.7%	13.9%	-1.9%	6.9%	7.3%	-1.4%	
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
Core Fixed Income Composite	6.4%	-12.9%	-1.0%	9.6%	9.2%	0.2%	3.9%	3.8%	0.4%	7.0%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
Long Fixed Income Composite	7.5%	-27.6%	-1.4%	21.3%	19.6%	-4.5%	10.4%	7.8%	-3.4%	20.9%
Bloomberg US Govt/Credit Long TR	7.1%	-27.1%	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%
TIPS Composite	4.5%	-7.2%	5.7%	8.5%	6.9%	-0.4%	1.9%	4.0%	-0.5%	0.9%
Bloomberg US TIPS 1-10 Yr TR	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%
Emerging Debt Composite	12.1%	-11.7%	-4.0%	6.8%	15.3%	-3.0%	13.3%	9.3%	-12.4%	-4.4%
50% JPM GBI EM / 50% JPM EMBI	8.8%	-12.6%	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%
Bloomberg Emerging Markets TR	9.1%	-15.3%	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%
Total Equity Composite	21.5%	-14.1%	21.4%	12.2%	23.2%	-8.7%	27.0%	9.4%	0.4%	3.7%
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
US Equity Composite	30.5%	-21.7%	24.3%	20.1%	30.2%	-4.9%	23.8%	10.5%	2.9%	9.0%
Russell 3000	26.0%	-19.2%	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%
Total Large Cap Composite	34.9%	-22.7%	25.9%	21.8%	30.2%	-3.1%	25.5%	9.5%	4.4%	9.4%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Large Cap Equity Composite	40.8%	-27.0%	27.9%	26.6%	34.5%	-3.4%	26.7%	9.5%	4.4%	9.4%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Small/Mid Cap Composite	13.1%	-17.6%	18.3%	12.8%	30.4%	-12.9%	17.4%	14.6%	-1.7%	7.5%
Russell 2500	17.4%	-18.4%	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%
International Equity Composite	20.0%	-11.3%	13.5%	1.8%	17.1%	-15.8%	31.9%	8.8%	-2.9%	-1.7%
International Equity Policy Index	15.6%	-16.0%	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%
Emerging Markets Composite	22.7%	-19.8%	8.6%	12.5%	17.8%	-18.3%	38.9%	13.9%	-17.5%	2.3%
MSCI Emerging Markets	9.8%	-20.1%	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%
Global Equity Composite	16.6%	-15.2%	22.0%	-6.9%		-		-		
S&P Global Low Volatility Index	8.3%	-7.1%	16.7%	-3.7%						
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%



Calendar Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

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	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Private Equity Composite	5.5%	1.5%	33.5%	20.4%	16.9%	8.2%	14.0%	6.5%	15.2%	13.4%
Cambridge Associates All PE	3.1%	-9.3%	39.1%	33.6%	17.9%	11.2%	21.1%	9.2%	10.0%	12.6%
Real Assets Composite	-4.9%	5.2%	19.6%	-0.5%	5.0%	-2.1%	3.6%	10.5%	-2.2%	14.9%
Real Assets Policy Index	-8.5%	3.6%	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%
Core Real Estate Composite	-12.4%	6.9%	24.4%	1.9%	7.2%	8.4%	7.9%	8.4%	16.5%	13.5%
NFI-ODCE	-12.1%	7.5%	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%
Non-Core Real Estate				-						
Energy/Natural Resources Composite	1.4%	-14.0%	11.3%	-15.5%	-5.7%	-13.5%	-1.1%	13.2%		
S&P MLP Index	22.9%	33.7%	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%
Private Real Assets Composite	1.4%	-14.0%	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.3%	12.2%
Global Infrastructure Composite	9.1%	4.5%								

Fiscal Year Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

Fiscal Year (July 1)

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	Fiscal YTD	Fiscal 2023	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014
Total Fund Composite	4.2%	8.0%	-7.3%	23.4%	3.0%	6.0%	7.0%	13.0%	0.4%	2.0%	18.5%
Total Fund Policy Index	3.2%	5.7%	-6.8%	21.5%	4.6%	6.5%	7.2%	10.3%	2.3%	3.3%	15.8%
Total Fund Allocation Index	3.8%	5.0%	-7.7%	23.0%	2.4%	5.5%	7.0%	11.4%	-0.6%	-0.4%	18.4%
Total Fixed Income Composite	3.5%	0.6%	-14.2%	2.7%	13.0%	10.6%	-0.2%	3.5%	6.3%	-1.4%	9.7%
Bloomberg US Aggregate TR	3.4%	-0.9%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%
Traditional Fixed Income Composite	3.1%	-1.2%	-13.4%	1.6%	14.9%	10.8%	-0.1%	3.2%	7.3%	-	
Bloomberg US Aggregate TR	3.4%	-0.9%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%
Core Fixed Income Composite	3.6%	-0.1%	-10.5%	1.2%	10.0%	8.1%	0.0%	0.6%	6.0%	2.4%	
Bloomberg US Aggregate TR	3.4%	-0.9%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%
Long Fixed Income Composite	2.7%	-2.6%	-20.2%	0.7%	21.5%	14.2%	-0.9%	-0.2%	15.8%	2.4%	16.0%
Bloomberg US Govt/Credit Long TR	2.6%	-2.6%	-20.1%	-1.9%	18.9%	13.8%	-0.8%	-1.1%	15.7%	1.9%	10.8%
TIPS Composite	2.8%	-0.7%	-1.9%	6.7%	5.7%	4.6%	1.4%	-0.3%	3.4%	-1.9%	3.7%
Bloomberg US TIPS 1-10 Yr TR	2.8%	-0.9%	-2.0%	6.6%	5.7%	4.7%	1.5%	-0.3%	3.3%	-1.9%	3.6%
Emerging Debt Composite	5.5%	11.0%	-18.6%	11.4%	-0.2%	11.5%	-0.1%	4.9%	4.5%	-14.0%	
50% JPM GBI EM / 50% JPM EMBI	5.6%	4.9%	-15.4%	8.3%	-2.5%	10.7%	-2.2%	6.3%	5.7%	-9.9%	9.7%
Bloomberg Emerging Markets TR	5.6%	5.6%	-18.0%	6.3%	3.0%	11.0%	-1.0%	5.6%	7.8%	0.2%	10.2%
Total Equity Composite	6.8%	16.6%	-11.6%	41.5%	-1.2%	4.0%	12.1%	24.1%	-4.9%	4.1%	22.2%
MSCI ACWI	7.3%	16.5%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%
US Equity Composite	8.4%	22.3%	-17.1%	45.2%	5.0%	8.4%	15.6%	23.9%	-1.4%	8.9%	23.1%
Russell 3000	8.4%	19.0%	-13.9%	44.2%	6.5%	9.0%	14.8%	18.5%	2.1%	7.3%	25.2%
Total Large Cap Composite	9.4%	24.7%	-16.8%	43.5%	7.7%	9.9%	16.5%	23.4%	0.6%	9.4%	22.4%
Russell 1000	8.4%	19.4%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%
Large Cap Equity Composite	10.8%	27.8%	-20.6%	48.5%	10.3%	11.3%	18.6%	23.4%	0.6%	9.4%	22.4%
Russell 1000	8.4%	19.4%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%
Small/Mid Cap Composite	3.7%	12.4%	-18.6%	54.8%	-7.4%	1.7%	11.1%	25.7%	-7.0%	6.9%	25.9%
Russell 2500	7.9%	13.6%	-21.0%	57.8%	-4.7%	1.8%	16.2%	19.8%	-3.7%	5.9%	25.6%
International Equity Composite	8.0%	14.6%	-13.8%	35.4%	-9.5%	-2.3%	7.5%	26.3%	-8.7%	-0.8%	21.5%
International Equity Policy Index	5.6%	12.7%	-19.4%	35.7%	-4.8%	1.3%	7.3%	20.5%	-10.2%	-5.3%	21.8%
Emerging Markets Composite	9.5%	8.9%	-21.9%	45.8%	-5.1%	-1.4%	4.8%	28.8%	-12.8%	-5.0%	14.6%
MSCI Emerging Markets	4.7%	1.7%	-25.3%	40.9%	-3.4%	1.2%	8.2%	23.7%	-12.1%	-5.1%	14.3%
Global Equity Composite	6.4%	12.5%	-8.8%	22.8%	-	-	-	-	-	-	-
S&P Global Low Volatility Index	4.7%	4.3%	-0.6%	21.0%							
MSCI ACWI	7.3%	16.5%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%



Fiscal Year Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

Fiscal Year (July 1)

	Fiscal YTD	Fiscal 2023	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014
Private Equity Composite	1.0%	7.7%	10.1%	44.3%	7.5%	11.1%	15.8%	10.8%	5.4%	13.4%	17.7%
Cambridge Associates All PE	-0.6%	2.2%	2.7%	63.6%	9.0%	13.3%	19.4%	16.5%	4.6%	12.5%	24.2%
Real Assets Composite	-3.1%	-4.7%	21.2%	8.9%	-4.6%	2.7%	3.9%	8.1%	2.0%	1.6%	21.4%
Real Assets Policy Index	-4.5%	-8.0%	21.5%	23.1%	-14.4%	3.3%	8.0%	5.3%	0.6%	-1.7%	19.0%
Core Real Estate Composite	-6.9%	-10.3%	31.2%	8.2%	3.7%	7.6%	8.6%	8.6%	12.2%	15.6%	13.3%
NFI-ODCE	-6.7%	-10.0%	29.5%	8.0%	2.2%	6.4%	8.4%	7.9%	11.8%	14.4%	12.7%
Non-Core Real Estate				-		-	-		-	-	
Energy/Natural Resources Composite	1.6%	-13.6%	-3.3%	18.5%	-31.9%	-3.0%	-1.2%	7.3%	-12.5%		
S&P MLP Index	14.2%	27.9%	9.0%	62.2%	-40.2%	3.2%	-1.8%	3.2%	-18.9%	-16.5%	24.9%
Private Real Assets Composite	1.6%	-13.6%	-3.3%	18.5%	-25.7%	-16.8%	-1.5%	9.8%	-9.5%	-9.0%	3.4%
Global Infrastructure Composite	3.2%	8.1%	8.6%			-	-		-		

Annualized Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	3.1%	6.4%	12.6%	4.2%	12.6%	4.2%	8.2%	6.4%	6.9%	Aug-00
Total Fund Policy Index	3.1%	6.2%	9.2%	3.2%	9.2%	2.9%	7.4%	6.1%	5.6%	Aug-00
Total Fund Allocation Index	3.7%	7.1%	9.4%	3.8%	9.4%	2.7%	7.2%	5.4%	5.9%	Aug-00
Total Fixed Income Composite	4.9%	8.8%	7.4%	3.5%	7.4%	-4.2%	2.6%	2.9%	5.4%	Aug-00
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	3.9%	Aug-00
Traditional Fixed Income Composite	5.2%	8.7%	6.5%	3.1%	6.5%	-4.7%	2.5%		2.6%	Nov-14
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.4%	Nov-14
Core Fixed Income Composite	4.0%	6.9%	6.4%	3.6%	6.4%	-2.9%	1.9%	2.5%	2.5%	Sep-13
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.8%	Sep-13
IR+M Core Fixed	4.0%	6.9%	6.4%	3.6%	6.4%	-2.9%	1.9%	2.4%	2.7%	Jul-11
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	2.0%	Jul-11
Long Fixed Income Composite	7.9%	13.1%	7.5%	2.7%	7.5%	-8.5%	2.2%	4.0%	7.3%	Sep-91
Bloomberg US Govt/Credit Long TR	7.9%	13.2%	7.1%	2.6%	7.1%	-8.7%	1.1%	3.2%	6.4%	Sep-91
Schroders (STW) Fixed Income	7.9%	13.1%	7.5%	2.7%	7.5%	-8.5%	2.2%	4.0%	7.3%	Sep-91
Bloomberg US Govt/Credit Long TR	7.9%	13.2%	7.1%	2.6%	7.1%	-8.7%	1.1%	3.2%	6.4%	Sep-91
TIPS Composite	2.0%	3.8%	4.5%	2.8%	4.5%	0.8%	3.5%	2.3%	2.5%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	2.1%	3.9%	4.4%	2.8%	4.4%	0.7%	3.4%	2.3%	2.4%	Jul-10
IR+M TIPS	2.0%	3.8%	4.5%	2.8%	4.5%	0.8%	3.5%	2.3%	2.5%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	2.1%	3.9%	4.4%	2.8%	4.4%	0.7%	3.4%	2.3%	2.4%	Jul-10
Emerging Debt Composite	3.9%	8.9%	12.1%	5.5%	12.1%	-1.7%	3.2%	1.6%	1.6%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	3.6%	7.6%	8.8%	5.6%	8.8%	-2.3%	1.7%	1.6%	1.6%	Nov-13
Bloomberg Emerging Markets TR	4.2%	8.1%	9.1%	5.6%	9.1%	-3.1%	1.8%	3.0%	3.0%	Nov-13
Ninety One EMD Blend	3.9%	8.9%	12.1%	5.5%	12.1%	-1.7%	3.2%	-	3.2%	Nov-18
50% JPM GBI EM / 50% JPM EMBI	3.6%	7.6%	8.8%	5.6%	8.8%	-2.3%	1.7%	1.6%	1.9%	Nov-18
Bloomberg Emerging Markets TR	4.2%	8.1%	9.1%	5.6%	9.1%	-3.1%	1.8%	3.0%	2.1%	Nov-18



Annualized Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Equity Composite	3.8%	7.7%	21.5%	6.8%	21.5%	8.2%	11.9%	8.8%	9.5%	Oct-91
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	7.5%	Oct-91
US Equity Composite	4.6%	10.7%	30.5%	8.4%	30.5%	8.3%	14.7%	11.2%	8.6%	Apr-00
Russell 3000	5.3%	12.1%	26.0%	8.4%	26.0%	8.5%	15.2%	11.5%	7.1%	Apr-00
Total Large Cap Composite	3.4%	10.6%	34.9%	9.4%	34.9%	9.5%	15.8%	12.2%	10.7%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	Mar-08
Parametric Defensive Equity	2.3%	5.6%	17.2%	4.8%	17.2%	8.7%	9.5%		8.7%	Aug-17
S&P 500	4.5%	11.7%	26.3%	8.0%	26.3%	10.0%	15.7%	12.0%	12.9%	Aug-17
CBOE Put Write Index	1.4%	4.6%	14.3%	1.6%	14.3%	8.7%	8.3%	6.6%	6.0%	Aug-17
Large Cap Equity Composite	3.7%	12.0%	40.8%	10.8%	40.8%	9.6%	17.5%	13.1%	11.2%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	Mar-08
Eagle Capital Management	3.0%	10.3%	39.6%	11.4%	39.6%	10.3%	15.4%	12.1%	14.2%	Sep-10
Russell 1000 Value	5.5%	9.5%	11.5%	6.0%	11.5%	8.9%	10.9%	8.4%	10.8%	Sep-10
NT Russell 1000 Growth Index Fund	4.4%	14.2%	42.7%	10.6%	42.7%	8.9%	19.5%		15.1%	May-15
Russell 1000 Growth	4.4%	14.2%	42.7%	10.6%	42.7%	8.9%	19.5%	14.9%	15.1%	May-15
Small/Mid Cap Composite	10.7%	11.4%	13.1%	3.7%	13.1%	3.3%	10.1%	7.2%	7.6%	Sep-07
Russell 2500	10.7%	13.4%	17.4%	7.9%	17.4%	4.2%	11.7%	8.4%	8.2%	Sep-07
Pinnacle Associates Small Mid Cap	10.3%	11.7%	14.9%	-1.2%	14.9%	-0.6%	13.0%	9.1%	9.4%	Sep-07
Russell 2500 Growth	11.1%	12.6%	18.9%	4.9%	18.9%	-2.7%	11.4%	8.8%	8.7%	Sep-07
William Blair Small Cap Value	11.1%	11.2%	11.5%	9.0%	11.5%	7.6%	7.8%	5.8%	7.2%	May-13
Russell 2000 Value	12.4%	15.3%	14.6%	11.8%	14.6%	7.9%	10.0%	6.8%	8.0%	<i>May-13</i>
International Equity Composite	4.6%	7.9%	20.0%	8.0%	20.0%	6.5%	7.6%	5.2%	6.4%	Apr-00
International Equity Policy Index	5.0%	9.8%	15.6%	5.6%	15.6%	1.5%	7.1%	3.8%	3.4%	Apr-00
Silchester International Value	4.9%	6.8%	20.5%	8.1%	20.5%	8.7%	8.7%	6.3%	10.2%	Nov-01
MSCI EAFE Value	4.9%	8.2%	18.9%	8.9%	18.9%	7.6%	7.1%	3.2%	5.5%	Nov-01
Emerging Markets Composite	4.6%	8.8%	22.7%	9.5%	22.7%	2.2%	7.2%	4.4%	5.6%	Jan-10
MSCI Emerging Markets	3.9%	7.9%	9.8%	4.7%	9.8%	-5.1%	3.7%	2.7%	3.1%	Jan-10
Acadian Emerging Markets	4.6%	8.8%	22.7%	9.5%	22.7%	2.2%	7.2%	4.4%	5.6%	Jan-10
MSCI Emerging Markets	3.9%	7.9%	9.8%	4.7%	9.8%	-5.1%	3.7%	2.7%	3.1%	Jan-10
Global Equity Composite	4.0%	9.7%	16.6%	6.4%	16.6%	6.4%		-	3.2%	Oct-19
S&P Global Low Volatility Index	4.2%	8.2%	8.3%	4.7%	8.3%	5.5%			3.3%	Oct-19
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	9.5%	Oct-19
NT Quality Low Volatility	4.0%	9.7%	16.6%	6.4%	16.6%	6.4%			6.4%	Dec-20
S&P Global Low Volatility Index	4.2%	8.2%	8.3%	4.7%	8.3%	5.5%			5.5%	Dec-20

Annualized Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Private Equity Composite	0.0%	0.3%	5.5%	1.0%	5.5%	12.7%	15.0%	13.2%	-2.3%	May-09
Cambridge Associates All PE	0.0%	0.0%	3.1%	-0.6%	3.1%	9.2%	15.4%	14.1%	15.1%	May-09
Partners Group II	0.0%	0.7%	8.3%	2.8%	8.3%	10.4%			11.1%	Sep-20
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	9.8%	Sep-20
Cambridge Associates All PE	0.0%	0.0%	3.1%	-0.6%	3.1%	9.2%	15.4%	14.1%	13.9%	Sep-20
Real Assets Composite	-1.8%	-1.1%	-4.9%	-3.1%	-4.9%	6.2%	4.6%	4.6%	5.8%	Apr-04
Real Assets Policy Index	-0.6%	-0.8%	-8.5%	-4.5%	-8.5%	7.4%	4.1%	3.8%	5.4%	Apr-04
Core Real Estate Composite	-4.0%	-4.1%	-12.4%	-6.9%	-12.4%	5.2%	4.9%	7.9%	7.3%	Mar-04
NFI-ODCE	-1.6%	-4.8%	-12.1%	-6.7%	-12.1%	4.9%	4.2%	7.3%	7.2%	Mar-04
Principal Global Investors	-1.9%	-2.1%	-10.0%	-5.7%	-10.0%	5.4%	4.9%	8.1%	7.1%	Mar-05
NFI-ODCE	-1.6%	-4.8%	-12.1%	-6.7%	-12.1%	4.9%	4.2%	7.3%	6.8%	Mar-05
RREEF America II	-5.9%	-5.9%	-14.6%	-8.0%	-14.6%	5.1%	4.9%	7.9%	7.2%	Mar-04
NFI-ODCE	-4.8%	-4.8%	-12.1%	-6.7%	-12.1%	4.9%	4.2%	7.3%	7.2%	Mar-04
Non-Core Real Estate	-							-		Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-5.0%	-	-6.1%	Jun-15
S&P MLP Index	-2.0%	3.1%	22.9%	14.2%	22.9%	32.6%	12.8%	2.6%	2.2%	Jun-15
Private Real Assets Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-6.1%	-5.5%	-0.9%	Dec-10
Global Infrastructure Composite	1.7%	4.0%	9.1%	3.2%	9.1%				7.7%	May-21
DWS RREEF Global Infrastructure	2.1%	11.5%	1.9%	1.4%	1.9%				0.4%	May-21
Dow Jones Brookfield Global Infrastructure Index	2.6%	12.1%	4.5%	3.1%	4.5%	5.4%	7.0%	5.3%	1.7%	May-21
ULLICO Infrastructure	0.0%	0.0%	10.3%	1.9%	10.3%				9.0%	Jul-21
CPI +4%	0.2%	0.6%	7.5%	2.5%	7.5%	9.8%	8.2%	6.9%	9.1%	Jul-21
IFM Global Infrastructure	2.3%	3.4%	11.2%	4.3%	11.2%				12.2%	Nov-21
CPI +4%	0.2%	0.6%	7.5%	2.5%	7.5%	9.8%	8.2%	6.9%	9.0%	Nov-21



Calendar Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Fund Composite	12.6%	-11.8%	13.9%	11.6%	17.3%	-5.6%	16.2%	8.6%	-1.1%	6.6%
Total Fund Policy Index	9.2%	-11.3%	12.4%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%
Total Fund Allocation Index	9.4%	-12.2%	12.9%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%
Total Fixed Income Composite	7.4%	-17.5%	-1.0%	13.8%	14.0%	-2.3%	7.6%	7.1%	-3.1%	6.7%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
Traditional Fixed Income Composite	6.5%	-18.5%	-0.4%	14.7%	13.9%	-1.9%	6.9%	7.3%	-1.4%	
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
Core Fixed Income Composite	6.4%	-12.9%	-1.0%	9.6%	9.2%	0.2%	3.9%	3.8%	0.4%	7.0%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
IR+M Core Fixed	6.4%	-12.9%	-1.0%	9.6%	9.2%	0.1%	4.0%	3.8%	0.3%	7.1%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
Long Fixed Income Composite	7.5%	-27.6%	-1.4%	21.3%	19.6%	-4.5%	10.4%	7.8%	-3.4%	20.9%
Bloomberg US Govt/Credit Long TR	7.1%	-27.1%	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%
Schroders (STW) Fixed Income	7.5%	-27.6%	-1.4%	21.3%	19.6%	-4.5%	10.6%	7.8%	-3.4%	20.9%
Bloomberg US Govt/Credit Long TR	7.1%	-27.1%	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%
TIPS Composite	4.5%	-7.2%	5.7%	8.5%	6.9%	-0.4%	1.9%	4.0%	-0.5%	0.9%
Bloomberg US TIPS 1-10 Yr TR	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%
IR+M TIPS	4.5%	-7.2%	5.7%	8.5%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%
Bloomberg US TIPS 1-10 Yr TR	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%
Emerging Debt Composite	12.1%	-11.7%	-4.0%	6.8%	15.3%	-3.0%	13.3%	9.3%	-12.4%	-4.4%
50% JPM GBI EM / 50% JPM EMBI	8.8%	-12.6%	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%
Bloomberg Emerging Markets TR	9.1%	-15.3%	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%
Ninety One EMD Blend	12.1%	-11.7%	-4.0%	6.8%	15.3%					
50% JPM GBI EM / 50% JPM EMBI	8.8%	-12.6%	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%
Bloomberg Emerging Markets TR	9.1%	-15.3%	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%

Calendar Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Equity Composite	21.5%	-14.1%	21.4%	12.2%	23.2%	-8.7%	27.0%	9.4%	0.4%	3.7%
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
US Equity Composite	30.5%	-21.7%	24.3%	20.1%	30.2%	-4.9%	23.8%	10.5%	2.9%	9.0%
Russell 3000	26.0%	-19.2%	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%
Total Large Cap Composite	34.9%	-22.7%	25.9%	21.8%	30.2%	-3.1%	25.5%	9.5%	4.4%	9.4%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Parametric Defensive Equity	17.2%	-7.3%	18.1%	5.0%	16.6%	3.8%				
S&P 500	26.3%	-18.1%	28.7%	18.4%	31.5%	-4.4%	21.8%	12.0%	1.4%	13.7%
CBOE Put Write Index	14.3%	-7.7%	21.8%	2.1%	13.5%	-5.9%	10.8%	7.8%	6.4%	6.3%
Large Cap Equity Composite	40.8%	-27.0%	27.9%	26.6%	34.5%	-3.4%	26.7%	9.5%	4.4%	9.4%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Eagle Capital Management	39.6%	-24.8%	27.9%	14.8%	32.6%	-4.8%	24.0%	11.4%	2.9%	13.5%
Russell 1000 Value	11.5%	-7.5%	25.2%	2.8%	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%
NT Russell 1000 Growth Index Fund	42.7%	-29.1%	27.6%	38.3%	36.3%	-1.5%	30.1%	7.2%		
Russell 1000 Growth	42.7%	-29.1%	27.6%	38.5%	36.4%	-1.5%	30.2%	7.1%	5.7%	13.0%
Small/Mid Cap Composite	13.1%	-17.6%	18.3%	12.8%	30.4%	-12.9%	17.4%	14.6%	-1.7%	7.5%
Russell 2500	17.4%	-18.4%	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%
Pinnacle Associates Small Mid Cap	14.9%	-24.5%	13.2%	32.6%	41.3%	-10.6%	26.4%	5.0%	0.4%	8.6%
Russell 2500 Growth	18.9%	-26.2%	5.0%	40.5%	32.7%	-7.5%	24.5%	9.7%	-0.2%	7.1%
William Blair Small Cap Value	11.5%	-10.1%	24.3%	-4.5%	22.1%	-14.6%	9.2%	27.0%	-4.3%	6.2%
Russell 2000 Value	14.6%	-14.5%	28.3%	4.6%	22.4%	-12.9%	7.8%	31.7%	-7.5%	4.2%
International Equity Composite	20.0%	-11.3%	13.5%	1.8%	17.1%	-15.8%	31.9%	8.8%	-2.9%	-1.7%
International Equity Policy Index	15.6%	-16.0%	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%
Silchester International Value	20.5%	-5.2%	12.5%	0.2%	18.0%	-13.7%	28.1%	8.3%	2.3%	-0.9%
MSCI EAFE Value	18.9%	-5.6%	10.9%	-2.6%	16.1%	-14.8%	21.4%	5.0%	-5.7%	-5.4%
Emerging Markets Composite	22.7%	-19.8%	8.6%	12.5%	17.8%	-18.3%	38.9%	13.9%	-17.5%	2.3%
MSCI Emerging Markets	9.8%	-20.1%	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%
Acadian Emerging Markets	22.7%	-19.8%	8.6%	12.5%	17.8%	-18.4%	38.7%	13.9%	-17.5%	2.3%
MSCI Emerging Markets	9.8%	-20.1%	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%
Global Equity Composite	16.6%	-15.2%	22.0%	-6.9%		-		-		-
S&P Global Low Volatility Index	8.3%	-7.1%	16.7%	-3.7%						
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
NT Quality Low Volatility	16.6%	-15.2%	22.0%					-		-
S&P Global Low Volatility Index	8.3%	-7.1%	16.7%	-3.7%						



Calendar Performance (Gross of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Private Equity Composite	5.5%	1.5%	33.5%	20.4%	16.9%	8.2%	14.0%	6.5%	15.2%	13.4%
Cambridge Associates All PE	3.1%	-9.3%	39.1%	33.6%	17.9%	11.2%	21.1%	9.2%	10.0%	12.6%
Partners Group II	8.3%	2.9%	20.9%	-	-			-		
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
Cambridge Associates All PE	3.1%	-9.3%	39.1%	33.6%	17.9%	11.2%	21.1%	9.2%	10.0%	12.6%
Real Assets Composite	-4.9%	5.2%	19.6%	-0.5%	5.0%	-2.1%	3.6%	10.5%	-2.2%	14.9%
Real Assets Policy Index	-8.5%	3.6%	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%
Core Real Estate Composite	-12.4%	6.9%	24.4%	1.9%	7.2%	8.4%	7.9%	8.4%	16.5%	13.5%
NFI-ODCE	-12.1%	7.5%	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%
Principal Global Investors	-10.0%	5.1%	23.8%	1.6%	7.1%	9.2%	9.1%	10.0%	14.7%	13.9%
NFI-ODCE	-12.1%	7.5%	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%
RREEF America II	-14.6%	8.7%	25.0%	2.1%	7.3%	8.4%	7.4%	9.1%	16.7%	13.0%
NFI-ODCE	-12.1%	7.5%	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%
Non-Core Real Estate										
Energy/Natural Resources Composite	1.4%	-14.0%	11.3%	-15.5%	-5.7%	-13.5%	-1.1%	13.2%		
S&P MLP Index	22.9%	33.7%	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%
Private Real Assets Composite	1.4%	-14.0%	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.3%	12.2%
Global Infrastructure Composite	9.1%	4.5%						-		
DWS RREEF Global Infrastructure	1.9%	-7.7%		-		-		-		
Dow Jones Brookfield Global Infrastructure Index	4.5%	-6.6%	19.9%	-7.0%	28.7%	-7.9%	15.8%	12.5%	-14.4%	16.3%
ULLICO Infrastructure	10.3%	5.1%	-	-	-	-		_		
CPI +4%	7.5%	10.7%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%
IFM Global Infrastructure	11.2%	10.0%								
CPI +4%	7.5%	10.7%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%

Annualized Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

Ending December 31, 2023

	Ending December 51, 2025									
	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	3.0%	6.2%	12.0%	4.0%	12.0%	3.7%	7.7%	5.9%	6.4%	Aug-00
Total Fund Policy Index	3.1%	6.2%	9.2%	3.2%	9.2%	2.9%	7.4%	6.1%	5.6%	Aug-00
Total Fund Allocation Index	3.7%	7.1%	9.4%	3.8%	9.4%	2.7%	7.2%	5.4%	5.9%	Aug-00
Total Fixed Income Composite	4.9%	8.7%	7.1%	3.3%	7.1%	-4.5%	2.3%	2.5%	5.1%	Aug-00
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	3.9%	Aug-00
Traditional Fixed Income Composite	5.1%	8.7%	6.2%	3.0%	6.2%	-5.0%	2.2%		2.3%	Nov-14
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.4%	Nov-14
Core Fixed Income Composite	4.0%	6.9%	6.1%	3.4%	6.1%	-3.1%	1.6%	2.2%	2.3%	Sep-13
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.8%	Sep-13
Long Fixed Income Composite	7.9%	13.0%	7.2%	2.5%	7.2%	-8.7%	1.9%	3.7%	7.1%	Sep-91
Bloomberg US Govt/Credit Long TR	7.9%	13.2%	7.1%	2.6%	7.1%	-8.7%	1.1%	3.2%	6.4%	Sep-91
TIPS Composite	2.0%	3.8%	4.4%	2.7%	4.4%	0.8%	3.5%	2.3%	2.5%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	2.1%	3.9%	4.4%	2.8%	4.4%	0.7%	3.4%	2.3%	2.4%	Jul-10
Emerging Debt Composite	3.9%	8.7%	11.5%	5.2%	11.5%	-2.2%	2.6%	0.9%	0.8%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	3.6%	7.6%	8.8%	5.6%	8.8%	-2.3%	1.7%	1.6%	1.6%	Nov-13
Bloomberg Emerging Markets TR	4.2%	8.1%	9.1%	5.6%	9.1%	-3.1%	1.8%	3.0%	3.0%	Nov-13
Total Equity Composite	3.7%	7.5%	21.0%	6.6%	21.0%	7.7%	11.3%	8.2%	9.1%	Oct-91
MSCIACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	7.5%	Oct-91
US Equity Composite	4.6%	10.6%	29.8%	8.1%	29.8%	7.7%	14.1%	10.7%	8.1%	Apr-00
Russell 3000	5.3%	12.1%	26.0%	8.4%	26.0%	8.5%	15.2%	11.5%	7.1%	Apr-00
Total Large Cap Composite	3.3%	10.4%	34.3%	9.2%	34.3%	9.1%	15.3%	11.8%	10.2%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	Mar-08
Large Cap Equity Composite	3.6%	11.9%	40.2%	10.6%	40.2%	9.1%	17.0%	12.6%	10.8%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	Mar-08
Small/Mid Cap Composite	10.6%	11.2%	12.0%	3.2%	12.0%	2.3%	9.0%	6.3%	6.7%	Sep-07
Russell 2500	10.7%	13.4%	17.4%	7.9%	17.4%	4.2%	11.7%	8.4%	8.2%	Sep-07
International Equity Composite	4.6%	7.8%	19.3%	7.7%	19.3%	5.8%	6.9%	4.5%	5.7%	Apr-00
International Equity Policy Index	5.0%	9.8%	15.6%	5.6%	15.6%	1.5%	7.1%	3.8%	3.4%	Apr-00
Emerging Markets Composite	4.5%	8.6%	21.8%	9.1%	21.8%	1.4%	6.4%	3.7%	4.9%	Jan-10
MSCI Emerging Markets	3.9%	7.9%	9.8%	4.7%	9.8%	-5.1%	3.7%	2.7%	3.1%	Jan-10
Global Equity Composite	4.0%	9.6%	16.2%	6.2%	16.2%	6.1%			2.9%	Oct-19
S&P Global Low Volatility Index	4.2%	8.2%	8.3%	4.7%	8.3%	5.5%			3.3%	Oct-19
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	9.5%	Oct-19

The new policy benchmark is comprised of the approximate weightings in the following indices: Russell 3000 Index (22.5%), MSCI ACWI ex-US Index (16.5%), 50% 91 Day T-Bill/50% S&P 500 Index (4.0%), Cambridge All Private Equity Index (8.0%), Bloomberg Barclays Aggregate Index (29.0%), JOM GBI-EM Global Diversified Index (5.0%), and the NCREIF Fund Index – ODCE (15.0%).



Annualized Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Private Equity Composite	0.0%	0.2%	5.4%	0.9%	5.4%	12.6%	15.0%	13.2%	-2.4%	May-09
Cambridge Associates All PE	0.0%	0.0%	3.1%	-0.6%	3.1%	9.2%	15.4%	14.1%	15.1%	<i>May-09</i>
Real Assets Composite	-2.0%	-1.4%	-6.1%	-3.6%	-6.1%	5.1%	3.6%	3.8%	5.1%	Apr-04
Real Assets Policy Index	-0.6%	-0.8%	-8.5%	-4.5%	-8.5%	7.4%	4.1%	3.8%	5.4%	Apr-04
Core Real Estate Composite	-4.1%	-4.3%	-13.3%	-7.3%	-13.3%	4.2%	3.9%	6.9%	6.3%	Mar-04
NFI-ODCE	-1.7%	-5.0%	-12.8%	-7.1%	-12.8%	4.0%	3.3%	6.3%	6.2%	Mar-04
Non-Core Real Estate						-				Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-5.1%		-6.3%	Jun-15
S&P MLP Index	-2.0%	3.1%	22.9%	14.2%	22.9%	32.6%	12.8%	2.6%	2.2%	Jun-15
Private Real Assets Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-6.1%	-5.5%	-0.9%	Dec-10
Global Infrastructure Composite	1.3%	3.5%	7.4%	2.5%	7.4%	-			6.3%	May-21

Calendar Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

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	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Fund Composite	12.0%	-12.3%	13.4%	11.1%	16.7%	-5.9%	15.7%	8.2%	-1.7%	6.0%
Total Fund Policy Index	9.2%	-11.3%	12.4%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%
Total Fund Allocation Index	9.4%	-12.2%	12.9%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%
InvMetrics Public DB Net Rank	79	29	56	74	85	89	29	24	78	37
Total Fixed Income Composite	7.1%	-17.7%	-1.2%	13.4%	13.7%	-2.4%	7.3%	6.8%	-3.5%	6.1%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
InvMetrics Public DB Total Fix Inc Net Rank	30	99	63	2	1	98	13	17	94	6
Traditional Fixed Income Composite	6.2%	-18.7%	-0.6%	14.4%	13.6%	-2.0%	6.6%	7.1%	-1.7%	-
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
InvMetrics Public DB US Fix Inc Net Rank	25	99	17	1	1	99	5	16	83	
Core Fixed Income Composite	6.1%	-13.1%	-1.3%	9.3%	8.9%	0.2%	3.7%	3.6%	0.1%	6.8%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
Long Fixed Income Composite	7.2%	-27.9%	-1.7%	20.9%	19.3%	-4.6%	10.1%	7.6%	-3.7%	20.5%
Bloomberg US Govt/Credit Long TR	7.1%	-27.1%	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%
TIPS Composite	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.4%	1.8%	4.0%	-0.5%	0.8%
Bloomberg US TIPS 1-10 Yr TR	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%
Emerging Debt Composite	11.5%	-12.2%	-4.6%	6.2%	14.7%	-3.4%	12.5%	8.6%	-13.5%	-6.3%
50% JPM GBI EM / 50% JPM EMBI	8.8%	-12.6%	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%
Bloomberg Emerging Markets TR	9.1%	-15.3%	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%
Total Equity Composite	21.0%	-14.5%	20.8%	11.7%	22.5%	-9.1%	26.3%	8.8%	-0.2%	3.0%
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
InvMetrics Public DB Total Eq Net Rank	44	3	32	98	99	65	8	57	15	84
US Equity Composite	29.8%	-22.1%	23.7%	19.6%	29.6%	-5.2%	23.1%	10.0%	2.3%	8.3%
Russell 3000	26.0%	-19.2%	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%
InvMetrics Public DB US Eq Net Rank	1	97	83	24	63	31	7	87	1	86
Total Large Cap Composite	34.3%	-23.0%	25.4%	21.3%	29.7%	-3.3%	24.9%	9.1%	4.0%	8.8%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Large Cap Equity Composite	40.2%	-27.3%	27.4%	26.1%	33.9%	-3.6%	26.2%	9.1%	4.0%	8.8%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Small/Mid Cap Composite	12.0%	-18.4%	17.1%	11.6%	29.1%	-13.3%	16.3%	13.8%	-2.6%	6.5%
Russell 2500	17.4%	-18.4%	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%



Calendar Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

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	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
International Equity Composite	19.3%	-11.9%	12.7%	1.2%	16.3%	-16.4%	31.1%	8.0%	-3.7%	-2.4%
International Equity Policy Index	15.6%	-16.0%	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%
InvMetrics Public DB ex-US Eq Net Rank	4	2	2	99	99	74	14	5	50	25
Emerging Markets Composite	21.8%	-20.4%	7.8%	11.6%	17.0%	-18.6%	38.4%	13.2%	-18.1%	1.5%
MSCI Emerging Markets	9.8%	-20.1%	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%
InvMetrics Public DB Emg Mkt Eq Net Rank		46	1	76	61	89	15	12	94	17
Global Equity Composite	16.2%	-15.5%	21.6%	-7.0%						
S&P Global Low Volatility Index	8.3%	-7.1%	16.7%	-3.7%						
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
InvMetrics Public DB Glbl Eq Net Rank	97	39	4	99						
Private Equity Composite	5.4%	1.5%	33.5%	20.4%	16.8%	8.2%	14.0%	6.5%	15.1%	13.4%
Cambridge Associates All PE	3.1%	-9.3%	39.1%	33.6%	17.9%	11.2%	21.1%	9.2%	10.0%	12.6%
InvMetrics Public DB Private Eq Net Rank		56	67	20	12	96	58	58	13	44
Real Assets Composite	-6.1%	4.2%	18.6%	-1.3%	4.2%	-2.6%	2.8%	10.0%	-2.8%	14.2%
Real Assets Policy Index	-8.5%	3.6%	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%
InvMetrics Public DB Real Assets/Commodities Net Rank		65	34	64	78	61	79	47	35	6
Core Real Estate Composite	-13.3%	5.9%	23.2%	0.9%	6.1%	7.6%	6.9%	7.8%	15.4%	12.3%
NFI-ODCE	-12.8%	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%
InvMetrics Public DB Real Estate Priv Net Rank	66	72	19	31	34	55	55	56	5	49
Non-Core Real Estate						-		-		-
Energy/Natural Resources Composite	1.4%	-14.0%	11.3%	-15.5%	-6.1%	-13.7%	-1.7%	12.7%		
S&P MLP Index	22.9%	33.7%	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%
InvMetrics Public DB Real Assets/Commodities Net Rank		98	83	89	99	96	95	42		
Private Real Assets Composite	1.4%	-14.0%	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.5%	12.2%
Global Infrastructure Composite	7.4%	3.1%						-		

Fiscal Year Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

Fiscal Year (July 1)

	Fiscal YTD	Fiscal 2023	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014
Total Fund Composite	4.0%	7.4%	-7.8%	22.9%	2.5%	5.5%	6.6%	12.6%	-0.1%	1.5%	17.8%
Total Fund Policy Index	3.2%	5.7%	-6.8%	21.5%	4.6%	6.5%	7.2%	10.3%	2.3%	3.3%	15.8%
Total Fund Allocation Index	3.8%	5.0%	-7.7%	23.0%	2.4%	5.5%	7.0%	11.4%	-0.6%	-0.4%	18.4%
InvMetrics Public DB Net Rank	92	81	16	88	66	73	81	34	62	77	12
Total Fixed Income Composite	3.3%	0.3%	-14.5%	2.4%	12.6%	10.4%	-0.4%	3.2%	5.9%	-1.8%	9.2%
Bloomberg US Aggregate TR	3.4%	-0.9%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%
InvMetrics Public DB Total Fix Inc Net Rank	79	66	99	58	1	1	78	42	4	89	6
Traditional Fixed Income Composite	3.0%	-1.4%	-13.7%	1.4%	14.6%	10.5%	-0.2%	2.9%	7.0%	-	
Bloomberg US Aggregate TR	3.4%	-0.9%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%
InvMetrics Public DB US Fix Inc Net Rank	99	97	99	40	1	2	53	31	6		-
Core Fixed Income Composite	3.4%	-0.4%	-10.7%	0.9%	9.7%	7.9%	-0.1%	0.4%	5.8%	2.2%	
Bloomberg US Aggregate TR	3.4%	-0.9%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%
Long Fixed Income Composite	2.5%	-2.9%	-20.4%	0.5%	21.2%	13.9%	-1.0%	-0.3%	15.5%	2.1%	15.7%
Bloomberg US Govt/Credit Long TR	2.6%	-2.6%	-20.1%	-1.9%	18.9%	13.8%	-0.8%	-1.1%	15.7%	1.9%	10.8%
TIPS Composite	2.7%	-0.8%	-2.0%	6.7%	5.7%	4.6%	1.4%	-0.3%	3.3%	-1.9%	3.7%
Bloomberg US TIPS 1-10 Yr TR	2.8%	-0.9%	-2.0%	6.6%	5.7%	4.7%	1.5%	-0.3%	3.3%	-1.9%	3.6%
Emerging Debt Composite	5.2%	10.4%	-19.1%	10.8%	-0.8%	11.1%	-0.8%	4.4%	3.5%	-15.3%	
50% JPM GBI EM / 50% JPM EMBI	5.6%	4.9%	-15.4%	8.3%	-2.5%	10.7%	-2.2%	6.3%	5.7%	-9.9%	9.7%
Bloomberg Emerging Markets TR	5.6%	5.6%	-18.0%	6.3%	3.0%	11.0%	-1.0%	5.6%	7.8%	0.2%	10.2%
Total Equity Composite	6.6%	16.1%	-12.1%	40.8%	-1.7%	3.5%	11.6%	23.5%	-5.5%	3.4%	21.4%
MSCI ACWI	7.3%	16.5%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%
InvMetrics Public DB Total Eq Net Rank	99	41	2	51	95	86	48	2	84	46	88
US Equity Composite	8.1%	21.6%	-17.5%	44.5%	4.4%	8.0%	15.1%	23.4%	-2.0%	8.2%	22.3%
Russell 3000	8.4%	19.0%	-13.9%	44.2%	6.5%	9.0%	14.8%	18.5%	2.1%	7.3%	25.2%
InvMetrics Public DB US Eq Net Rank	62	1	97	46	28	53	28	2	75	12	93
Total Large Cap Composite	9.2%	24.2%	-17.1%	43.0%	7.3%	9.6%	16.1%	23.0%	0.1%	8.8%	21.7%
Russell 1000	8.4%	19.4%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%
Large Cap Equity Composite	10.6%	27.3%	-20.9%	48.0%	9.9%	10.9%	18.2%	23.0%	0.1%	8.8%	21.7%
Russell 1000	8.4%	19.4%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%
Small/Mid Cap Composite	3.2%	11.3%	-19.4%	53.3%	-8.3%	0.8%	10.4%	24.8%	-7.9%	5.9%	24.7%
Russell 2500	7.9%	13.6%	-21.0%	57.8%	-4.7%	1.8%	16.2%	19.8%	-3.7%	5.9%	25.6%

Fiscal Year Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

Fiscal Year (July 1)

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	Fiscal YTD	Fiscal 2023	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014
International Equity Composite	7.7%	13.9%	-14.4%	34.5%	-10.1%	-3.0%	6.9%	25.4%	-9.4%	-1.6%	20.6%
International Equity Policy Index	5.6%	12.7%	-19.4%	35.7%	-4.8%	1.3%	7.3%	20.5%	-10.2%	-5.3%	21.8%
InvMetrics Public DB ex-US Eq Net Rank	2	47	2	83	99	96	59	9	54	18	60
Emerging Markets Composite	9.1%	8.0%	-22.5%	44.8%	-5.8%	-2.1%	4.6%	28.1%	-13.5%	-5.8%	13.8%
MSCI Emerging Markets	4.7%	1.7%	-25.3%	40.9%	-3.4%	1.2%	8.2%	23.7%	-12.1%	-5.1%	14.3%
InvMetrics Public DB Emg Mkt Eq Net Rank		21	33	49	52	95	56	2	97	41	55
Global Equity Composite	6.2%	12.2%	-9.1%	22.5%							
S&P Global Low Volatility Index	4.7%	4.3%	-0.6%	21.0%							
MSCI ACWI	7.3%	16.5%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%
InvMetrics Public DB Glbl Eq Net Rank	97	89	14	97	-	-	-			-	-
Private Equity Composite	0.9%	7.7%	10.1%	44.3%	7.4%	11.1%	15.8%	10.8%	5.3%	13.4%	17.7%
Cambridge Associates All PE	-0.6%	2.2%	2.7%	63.6%	9.0%	13.3%	19.4%	16.5%	4.6%	12.5%	24.2%
InvMetrics Public DB Private Eq Net Rank		13	60	58	12	52	42	59	32	30	35
Real Assets Composite	-3.6%	-5.7%	20.0%	8.0%	-5.4%	1.9%	3.3%	7.5%	1.4%	1.0%	20.8%
Real Assets Policy Index	-4.5%	-8.0%	21.5%	23.1%	-14.4%	3.3%	8.0%	5.3%	0.6%	-1.7%	19.0%
•		-8.0% 90	21.5% 14	23.1% 83		3.3% 67	8.0% 78	5.3% 22	0.6%	-1.7% 33	19.0% 1
Real Assets Policy Index InvMetrics Public DB Real					-14.4%						
Real Assets Policy Index InvMetrics Public DB Real Assets/Commodities Net Rank	-4.5% 	90	14	83	-14.4% 58	67	78	22	33	33	1
Real Assets Policy Index InvMetrics Public DB Real Assets/Commodities Net Rank Core Real Estate Composite	-4.5% 	90 -11.2%	14 30.0%	83 7.2 %	-14.4% 58 2.6 %	6.6%	78 7.6 %	22 7.8%	33 11.4%	33 14.4%	1 12.5%
Real Assets Policy Index InvMetrics Public DB Real Assets/Commodities Net Rank Core Real Estate Composite NFI-ODCE InvMetrics Public DB Real Estate	-4.5% -7.3% -7.1%	90 -11.2% -10.7%	30.0% 28.4%	83 7.2% 7.1%	-14.4% 58 2.6% 1.3%	6.6% 5.5%	78 7.6% 7.5%	7.8% 6.9%	33 11.4% 10.8%	33 14.4% 13.4%	1 12.5% 11.7%
Real Assets Policy Index InvMetrics Public DB Real Assets/Commodities Net Rank Core Real Estate Composite NFI-ODCE InvMetrics Public DB Real Estate Priv Net Rank	-4.5% -7.3% -7.1% 91	90 -11.2% -10.7%	30.0% 28.4%	83 7.2% 7.1%	-14.4% 58 2.6% 1.3%	6.6% 5.5%	78 7.6% 7.5%	7.8% 6.9%	33 11.4% 10.8%	33 14.4% 13.4%	1 12.5% 11.7%
Real Assets Policy Index InvMetrics Public DB Real Assets/Commodities Net Rank Core Real Estate Composite NFI-ODCE InvMetrics Public DB Real Estate Priv Net Rank Non-Core Real Estate	-4.5% -7.3% -7.1% 91	90 -11.2% -10.7% 49	30.0% 28.4% 33	7.2% 7.1% 59	-14.4% 58 2.6% 1.3% 22	67 6.6% 5.5% 50	78 7.6% 7.5% 54	7.8% 6.9% 48	33 11.4% 10.8% 21	33 14.4% 13.4%	1 12.5% 11.7%
Real Assets Policy Index InvMetrics Public DB Real Assets/Commodities Net Rank Core Real Estate Composite NFI-ODCE InvMetrics Public DB Real Estate Priv Net Rank Non-Core Real Estate Energy/Natural Resources Composite	-4.5% -7.3% -7.1% 91 1.6%	90 -11.2% -10.7% 4913.6%	30.0% 28.4% 33 	7.2% 7.1% 59 	-14.4% 58 2.6% 1.3% 22 -31.9%	67 6.6% 5.5% 50 	78 7.6% 7.5% 541.5%	7.8% 6.9% 48 6.9%	33 11.4% 10.8% 21 -12.9%	33 14.4% 13.4% 11	1 12.5% 11.7% 22
Real Assets Policy Index InvMetrics Public DB Real Assets/Commodities Net Rank Core Real Estate Composite NFI-ODCE InvMetrics Public DB Real Estate Priv Net Rank Non-Core Real Estate Energy/Natural Resources Composite S&P MLP Index InvMetrics Public DB Real	-4.5% -7.3% -7.1% 91 1.6% 14.2%	90 -11.2% -10.7% 4913.6% 27.9%	30.0% 28.4% 33 -3.3% 9.0%	83 7.2% 7.1% 59 18.5% 62.2%	-14.4% 58 2.6% 1.3% 22 -31.9% -40.2%	67 6.6% 5.5% 503.4% 3.2%	7.6% 7.5% 54 -1.5% -1.8%	7.8% 6.9% 48 6.9% 3.2%	33 11.4% 10.8% 2112.9% -18.9%	33 14.4% 13.4% 11	1 12.5% 11.7% 22

Annualized Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	3.0%	6.2%	12.0%	4.0%	12.0%	3.7%	7.7%	5.9%	6.4%	Aug-00
Total Fund Policy Index	3.1%	6.2%	9.2%	3.2%	9.2%	2.9%	7.4%	6.1%	5.6%	Aug-00
Total Fund Allocation Index	3.7%	7.1%	9.4%	3.8%	9.4%	2.7%	7.2%	5.4%	5.9%	Aug-00
Total Fixed Income Composite	4.9%	8.7%	7.1%	3.3%	7.1%	-4.5%	2.3%	2.5%	5.1%	Aug-00
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	3.9%	Aug-00
Traditional Fixed Income Composite	5.1%	8.7%	6.2%	3.0%	6.2%	-5.0%	2.2%		2.3%	Nov-14
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.4%	Nov-14
Core Fixed Income Composite	4.0%	6.9%	6.1%	3.4%	6.1%	-3.1%	1.6%	2.2%	2.3%	Sep-13
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	1.8%	Sep-13
IR+M Core Fixed	4.0%	6.9%	6.1%	3.4%	6.1%	-3.1%	1.6%	2.2%	2.5%	Jul-11
Bloomberg US Aggregate TR	3.8%	6.8%	5.5%	3.4%	5.5%	-3.3%	1.1%	1.8%	2.0%	Jul-11
Long Fixed Income Composite	7.9%	13.0%	7.2%	2.5%	7.2%	-8.7%	1.9%	3.7%	7.1%	Sep-91
Bloomberg US Govt/Credit Long TR	7.9%	13.2%	7.1%	2.6%	7.1%	-8.7%	1.1%	3.2%	6.4%	Sep-91
Schroders (STW) Fixed Income	7.9%	13.0%	7.2%	2.5%	7.2%	-8.7%	1.9%	3.7%	7.1%	Sep-91
Bloomberg US Govt/Credit Long TR	7.9%	13.2%	7.1%	2.6%	7.1%	-8.7%	1.1%	3.2%	6.4%	Sep-91
TIPS Composite	2.0%	3.8%	4.4%	2.7%	4.4%	0.8%	3.5%	2.3%	2.5%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	2.1%	3.9%	4.4%	2.8%	4.4%	0.7%	3.4%	2.3%	2.4%	Jul-10
IR+M TIPS	2.0%	3.8%	4.4%	2.7%	4.4%	0.8%	3.5%	2.3%	2.4%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	2.1%	3.9%	4.4%	2.8%	4.4%	0.7%	3.4%	2.3%	2.4%	Jul-10
Emerging Debt Composite	3.9%	8.7%	11.5%	5.2%	11.5%	-2.2%	2.6%	0.9%	0.8%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	3.6%	7.6%	8.8%	5.6%	8.8%	-2.3%	1.7%	1.6%	1.6%	Nov-13
Bloomberg Emerging Markets TR	4.2%	8.1%	9.1%	5.6%	9.1%	-3.1%	1.8%	3.0%	3.0%	Nov-13
Ninety One EMD Blend	3.9%	8.7%	11.5%	5.2%	11.5%	-2.2%	2.6%		2.7%	Nov-18
50% JPM GBI EM / 50% JPM EMBI	3.6%	7.6%	8.8%	5.6%	8.8%	-2.3%	1.7%	1.6%	1.9%	Nov-18
Bloomberg Emerging Markets TR	4.2%	8.1%	9.1%	5.6%	9.1%	-3.1%	1.8%	3.0%	2.1%	Nov-18



Annualized Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Equity Composite	3.7%	7.5%	21.0%	6.6%	21.0%	7.7%	11.3%	8.2%	9.1%	Oct-91
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	7.5%	Oct-91
US Equity Composite	4.6%	10.6%	29.8%	8.1%	29.8%	7.7%	14.1%	10.7%	8.1%	Apr-00
Russell 3000	5.3%	12.1%	26.0%	8.4%	26.0%	8.5%	15.2%	11.5%	7.1%	Apr-00
Total Large Cap Composite	3.3%	10.4%	34.3%	9.2%	34.3%	9.1%	15.3%	11.8%	10.2%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	<i>Mar-</i> 08
Parametric Defensive Equity	2.3%	5.5%	16.8%	4.6%	16.8%	8.3%	9.1%		8.4%	Aug-17
S&P 500	4.5%	11.7%	26.3%	8.0%	26.3%	10.0%	15.7%	12.0%	12.9%	Aug-17
CBOE Put Write Index	1.4%	4.6%	14.3%	1.6%	14.3%	8.7%	8.3%	6.6%	6.0%	Aug-17
Large Cap Equity Composite	3.6%	11.9%	40.2%	10.6%	40.2%	9.1%	17.0%	12.6%	10.8%	Mar-08
Russell 1000	4.9%	12.0%	26.5%	8.4%	26.5%	9.0%	15.5%	11.8%	10.6%	Mar-08
Eagle Capital Management	2.9%	10.1%	38.5%	10.9%	38.5%	9.5%	14.5%	11.2%	13.3%	Sep-10
Russell 1000 Value	5.5%	9.5%	11.5%	6.0%	11.5%	8.9%	10.9%	8.4%	10.8%	Sep-10
NT Russell 1000 Growth Index Fund	4.4%	14.2%	42.6%	10.6%	42.6%	8.8%	19.4%		15.0%	May-15
Russell 1000 Growth	4.4%	14.2%	42.7%	10.6%	42.7%	8.9%	19.5%	14.9%	15.1%	May-15
Small/Mid Cap Composite	10.6%	11.2%	12.0%	3.2%	12.0%	2.3%	9.0%	6.3%	6.7%	Sep-07
Russell 2500	10.7%	13.4%	17.4%	7.9%	17.4%	4.2%	11.7%	8.4%	8.2%	Sep-07
Pinnacle Associates Small Mid Cap	10.3%	11.4%	13.8%	-1.6%	13.8%	-1.6%	11.9%	8.0%	8.4%	Sep-07
Russell 2500 Growth	11.1%	12.6%	18.9%	4.9%	18.9%	-2.7%	11.4%	8.8%	8.7%	Sep-07
William Blair Small Cap Value	11.0%	10.9%	10.4%	8.5%	10.4%	6.5%	6.7%	4.7%	6.1%	May-13
Russell 2000 Value	12.4%	15.3%	14.6%	11.8%	14.6%	7.9%	10.0%	6.8%	8.0%	<i>May-13</i>
International Equity Composite	4.6%	7.8%	19.3%	7.7%	19.3%	5.8%	6.9%	4.5%	5.7%	Apr-00
International Equity Policy Index	5.0%	9.8%	15.6%	5.6%	15.6%	1.5%	7.1%	3.8%	3.4%	Apr-00
Silchester International Value	4.9%	6.7%	19.6%	7.8%	19.6%	7.9%	7.9%	5.5%	9.4%	Nov-01
MSCI EAFE Value	4.9%	8.2%	18.9%	8.9%	18.9%	7.6%	7.1%	3.2%	5.5%	Nov-01
Emerging Markets Composite	4.5%	8.6%	21.8%	9.1%	21.8%	1.4%	6.4%	3.7%	4.9%	Jan-10
MSCI Emerging Markets	3.9%	7.9%	9.8%	4.7%	9.8%	-5.1%	3.7%	2.7%	3.1%	Jan-10
Acadian Emerging Markets	4.5%	8.6%	21.8%	9.1%	21.8%	1.4%	6.4%	3.6%	4.8%	Jan-10
MSCI Emerging Markets	3.9%	7.9%	9.8%	4.7%	9.8%	-5.1%	3.7%	2.7%	3.1%	Jan-10
Global Equity Composite	4.0%	9.6%	16.2%	6.2%	16.2%	6.1%			2.9%	Oct-19
S&P Global Low Volatility Index	4.2%	8.2%	8.3%	4.7%	8.3%	5.5%			3.3%	Oct-19
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	9.5%	Oct-19
NT Quality Low Volatility	4.0%	9.6%	16.2%	6.2%	16.2%	6.1%		-	6.1%	Dec-20
S&P Global Low Volatility Index	4.2%	8.2%	8.3%	4.7%	8.3%	5.5%			5.5%	Dec-20

Annualized Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Private Equity Composite	0.0%	0.2%	5.4%	0.9%	5.4%	12.6%	15.0%	13.2%	-2.4%	May-09
Cambridge Associates All PE	0.0%	0.0%	3.1%	-0.6%	3.1%	9.2%	15.4%	14.1%	15.1%	<i>May-09</i>
Partners Group II	0.0%	0.7%	8.3%	2.8%	8.3%	10.4%	-		11.1%	Sep-20
MSCI ACWI	4.8%	11.0%	22.2%	7.3%	22.2%	5.7%	11.7%	7.9%	9.8%	Sep-20
Cambridge Associates All PE	0.0%	0.0%	3.1%	-0.6%	3.1%	9.2%	15.4%	14.1%	13.9%	Sep-20
Real Assets Composite	-2.0%	-1.4%	-6.1%	-3.6%	-6.1%	5.1%	3.6%	3.8%	5.1%	Apr-04
Real Assets Policy Index	-0.6%	-0.8%	-8.5%	-4.5%	-8.5%	7.4%	4.1%	3.8%	5.4%	Apr-04
Core Real Estate Composite	-4.1%	-4.3%	-13.3%	-7.3%	-13.3%	4.2%	3.9%	6.9%	6.3%	Mar-04
NFI-ODCE	-1.7%	-5.0%	-12.8%	-7.1%	-12.8%	4.0%	3.3%	6.3%	6.2%	Mar-04
Principal Global Investors	-1.9%	-2.3%	-10.9%	-6.1%	-10.9%	4.4%	3.9%	7.0%	6.1%	Mar-05
NFI-ODCE	-1.7%	-5.0%	-12.8%	-7.1%	-12.8%	4.0%	3.3%	6.3%	5.8%	Mar-05
RREEF America II	-6.2%	-6.2%	-15.4%	-8.5%	-15.4%	4.1%	3.9%	6.9%	6.3%	Mar-04
NFI-ODCE	-5.0%	-5.0%	-12.8%	-7.1%	-12.8%	4.0%	3.3%	6.3%	6.2%	Mar-04
Non-Core Real Estate								-		Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-5.1%	-	-6.3%	Jun-15
S&P MLP Index	-2.0%	3.1%	22.9%	14.2%	22.9%	32.6%	12.8%	2.6%	2.2%	Jun-15
Private Real Assets Composite	0.0%	0.0%	1.4%	1.6%	1.4%	-1.0%	-6.1%	-5.5%	-0.9%	Dec-10
Global Infrastructure Composite	1.3%	3.5%	7.4%	2.5%	7.4%			-	6.3%	May-21
DWS RREEF Global Infrastructure	2.1%	11.5%	1.9%	1.4%	1.9%				0.4%	May-21
Dow Jones Brookfield Global Infrastructure Index	2.6%	12.1%	4.5%	3.1%	4.5%	5.4%	7.0%	5.3%	1.7%	May-21
ULLICO Infrastructure	0.0%	0.0%	9.0%	1.5%	9.0%				7.4%	Jul-21
CPI +4%	0.2%	0.6%	7.5%	2.5%	7.5%	9.8%	8.2%	6.9%	9.1%	Jul-21
IFM Global Infrastructure	1.7%	2.6%	8.6%	3.3%	8.6%				9.8%	Nov-21
CPI +4%	0.2%	0.6%	7.5%	2.5%	7.5%	9.8%	8.2%	6.9%	9.0%	Nov-21

Calendar Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Fund Composite	12.0%	-12.3%	13.4%	11.1%	16.7%	-5.9%	15.7%	8.2%	-1.7%	6.0%
Total Fund Policy Index	9.2%	-11.3%	12.4%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%
Total Fund Allocation Index	9.4%	-12.2%	12.9%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%
InvMetrics Public DB Net Rank	79	29	56	74	85	89	29	24	78	37
Total Fixed Income Composite	7.1%	-17.7%	-1.2%	13.4%	13.7%	-2.4%	7.3%	6.8%	-3.5%	6.1%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
InvMetrics Public DB Total Fix Inc Net Rank	30	99	63	2	1	98	13	17	94	6
Traditional Fixed Income Composite	6.2%	-18.7%	-0.6%	14.4%	13.6%	-2.0%	6.6%	7.1%	-1.7%	
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
InvMetrics Public DB US Fix Inc Net Rank	25	99	17	1	1	99	5	16	83	
Core Fixed Income Composite	6.1%	-13.1%	-1.3%	9.3%	8.9%	0.2%	3.7%	3.6%	0.1%	6.8%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
IR+M Core Fixed	6.1%	-13.1%	-1.3%	9.3%	8.9%	-0.1%	3.8%	3.5%	0.1%	6.8%
Bloomberg US Aggregate TR	5.5%	-13.0%	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%
eV US Core Fixed Inc Net Rank	32	58	40	18	51	44	52	32	79	12
Long Fixed Income Composite	7.2%	-27.9%	-1.7%	20.9%	19.3%	-4.6%	10.1%	7.6%	-3.7%	20.5%
Bloomberg US Govt/Credit Long TR	7.1%	-27.1%	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%
Schroders (STW) Fixed Income	7.2%	-27.9%	-1.7%	20.9%	19.3%	-4.8%	10.3%	7.5%	-3.7%	20.6%
Bloomberg US Govt/Credit Long TR	7.1%	-27.1%	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%
eV US Long Duration - Gov/Cred Fixed Inc Net Rank	68	82	20	3	77	36	77	39	60	9
TIPS Composite	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.4%	1.8%	4.0%	-0.5%	0.8%
Bloomberg US TIPS 1-10 Yr TR	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%
IR+M TIPS	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.4%	1.9%	4.0%	-0.5%	0.9%
Bloomberg US TIPS 1-10 Yr TR	4.4%	-7.3%	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%
eV US TIPS / Inflation Fixed Inc Net Rank	24	19	56	80	72	12	85	73	1	79
Emerging Debt Composite	11.5%	-12.2%	-4.6%	6.2%	14.7%	-3.4%	12.5%	8.6%	-13.5%	-6.3%
50% JPM GBI EM / 50% JPM EMBI	8.8%	-12.6%	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%
Bloomberg Emerging Markets TR	9.1%	-15.3%	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%
Ninety One EMD Blend	11.5%	-12.2%	-4.6%	6.2%	14.7%			-		
50% JPM GBI EM / 50% JPM EMBI	8.8%	-12.6%	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%
Bloomberg Emerging Markets TR	9.1%	-15.3%	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%
eV Emg Mkts Fixed Inc - Blended Currency Net Rank	66	31	54	49	40					

Calendar Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total Equity Composite	21.0%	-14.5%	20.8%	11.7%	22.5%	-9.1%	26.3%	8.8%	-0.2%	3.0%
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
InvMetrics Public DB Total Eq Net Rank	44	3	32	98	99	65	8	57	15	84
US Equity Composite	29.8%	-22.1%	23.7%	19.6%	29.6%	-5.2%	23.1%	10.0%	2.3%	8.3%
Russell 3000	26.0%	-19.2%	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%
InvMetrics Public DB US Eq Net Rank	1	97	83	24	63	31	7	87	1	86
Total Large Cap Composite	34.3%	-23.0%	25.4%	21.3%	29.7%	-3.3%	24.9%	9.1%	4.0%	8.8%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Parametric Defensive Equity	16.8%	-7.6%	17.7%	4.6%	16.3%	3.6%				
S&P 500	26.3%	-18.1%	28.7%	18.4%	31.5%	-4.4%	21.8%	12.0%	1.4%	13.7%
CBOE Put Write Index	14.3%	-7.7%	21.8%	2.1%	13.5%	-5.9%	10.8%	7.8%	6.4%	6.3%
Large Cap Equity Composite	40.2%	-27.3%	27.4%	26.1%	33.9%	-3.6%	26.2%	9.1%	4.0%	8.8%
Russell 1000	26.5%	-19.1%	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%
Eagle Capital Management	38.5%	-25.4%	27.0%	13.9%	31.6%	-5.6%	23.0%	10.5%	2.1%	12.6%
Russell 1000 Value	11.5%	-7.5%	25.2%	2.8%	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%
eV US Large Cap Value Equity Net Rank	2	99	48	11	13	23	6	75	6	35
NT Russell 1000 Growth Index Fund	42.6%	-29.1%	27.5%	38.2%	36.3%	-1.6%	30.1%	7.2%		
Russell 1000 Growth	42.7%	-29.1%	27.6%	38.5%	36.4%	-1.5%	30.2%	7.1%	5.7%	13.0%
eV US Large Cap Growth Equity Net Rank	29	46	25	34	28	53	41	19		
Small/Mid Cap Composite	12.0%	-18.4%	17.1%	11.6%	29.1%	-13.3%	16.3%	13.8%	-2.6%	6.5%
Russell 2500	17.4%	-18.4%	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%
Pinnacle Associates Small Mid Cap	13.8%	-25.3%	12.1%	31.3%	39.9%	-11.5%	25.2%	4.0%	-0.5%	7.7%
Russell 2500 Growth	18.9%	-26.2%	5.0%	40.5%	32.7%	-7.5%	24.5%	9.7%	-0.2%	7.1%
eV US Small-Mid Cap Growth Equity Net Rank	76	38	54	70	4	90	47	84	40	26
William Blair Small Cap Value	10.4%	-11.0%	23.1%	-5.4%	21.0%	-15.5%	8.1%	25.6%	-5.2%	5.1%
Russell 2000 Value	14.6%	-14.5%	28.3%	4.6%	22.4%	-12.9%	7.8%	31.7%	-7.5%	4.2%
eV US Small Cap Value Equity Net Rank	89	43	82	97	73	56	67	54	56	50



Calendar Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
International Equity Composite	19.3%	-11.9%	12.7%	1.2%	16.3%	-16.4%	31.1%	8.0%	-3.7%	-2.4%
International Equity Policy Index	15.6%	-16.0%	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%
InvMetrics Public DB ex-US Eq Net Rank	4	2	2	99	99	74	14	5	50	25
Silchester International Value	19.6%	-5.9%	11.7%	-0.6%	17.2%	-14.4%	27.2%	7.4%	1.6%	-1.6%
MSCI EAFE Value	18.9%	-5.6%	10.9%	-2.6%	16.1%	-14.8%	21.4%	5.0%	-5.7%	-5.4%
eV EAFE Large Cap Value Net Rank	32	31	52	82	98	30	22	17	19	1
Emerging Markets Composite	21.8%	-20.4%	7.8%	11.6%	17.0%	-18.6%	38.4%	13.2%	-18.1%	1.5%
MSCI Emerging Markets	9.8%	-20.1%	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%
InvMetrics Public DB Emg Mkt Eq Net Rank		46	1	76	61	89	15	12	94	17
Acadian Emerging Markets	21.8%	-20.4%	7.8%	11.6%	17.0%	-19.0%	37.7%	13.0%	-18.1%	1.4%
MSCI Emerging Markets	9.8%	-20.1%	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%
eV Emg Mkts Equity Net Rank	18	56	26	76	69	80	44	22	92	37
Global Equity Composite	16.2%	-15.5%	21.6%	-7.0%		-				
S&P Global Low Volatility Index	8.3%	-7.1%	16.7%	-3.7%						
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
InvMetrics Public DB Glbl Eq Net Rank	97	39	4	99						
NT Quality Low Volatility	16.2%	-15.5%	21.6%							
S&P Global Low Volatility Index	8.3%	-7.1%	16.7%	-3.7%						
eV Global Low Volatility Equity Net Rank	5	94	4							
Private Equity Composite	5.4%	1.5%	33.5%	20.4%	16.8%	8.2%	14.0%	6.5%	15.1%	13.4%
Cambridge Associates All PE	3.1%	-9.3%	39.1%	33.6%	17.9%	11.2%	21.1%	9.2%	10.0%	12.6%
InvMetrics Public DB Private Eq Net Rank		56	67	20	12	96	58	58	13	44
Partners Group II	8.3%	2.9%	20.9%		-	-				
MSCI ACWI	22.2%	-18.4%	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%
Cambridge Associates All PE	3.1%	-9.3%	39.1%	33.6%	17.9%	11.2%	21.1%	9.2%	10.0%	12.6%

Calendar Performance (Net of Fees)

Market Value: \$685.9 Million and 100.0% of Fund

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Real Assets Composite	-6.1%	4.2%	18.6%	-1.3%	4.2%	-2.6%	2.8%	10.0%	-2.8%	14.2%
Real Assets Policy Index	-8.5%	3.6%	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%
InvMetrics Public DB Real Assets/Commodities Net Rank		65	34	64	78	61	79	47	35	6
Core Real Estate Composite	-13.3%	5.9%	23.2%	0.9%	6.1%	7.6%	6.9%	7.8%	15.4%	12.3%
NFI-ODCE	-12.8%	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%
InvMetrics Public DB Real Estate Priv Net Rank	66	72	19	31	34	55	55	56	5	49
Principal Global Investors	-10.9%	4.1%	22.6%	0.6%	6.0%	8.0%	8.0%	9.0%	13.6%	12.7%
NFI-ODCE	-12.8%	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%
RREEF America II	-15.4%	7.7%	23.9%	1.1%	6.3%	7.4%	6.4%	8.1%	15.7%	12.0%
NFI-ODCE	-12.8%	6.5%	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%
Non-Core Real Estate	-	-	-	-	-	-	-	-		
Energy/Natural Resources Composite	1.4%	-14.0%	11.3%	-15.5%	-6.1%	-13.7%	-1.7%	12.7%		
S&P MLP Index	22.9%	33.7%	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%
InvMetrics Public DB Real Assets/Commodities Net Rank		98	83	89	99	96	95	42		
Private Real Assets Composite	1.4%	-14.0%	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.5%	12.2%
Global Infrastructure Composite	7.4%	3.1%								
DWS RREEF Global Infrastructure	1.9%	-7.7%		-		-		-		
Dow Jones Brookfield Global Infrastructure Index	4.5%	-6.6%	19.9%	-7.0%	28.7%	-7.9%	15.8%	12.5%	-14.4%	16.3%
eV Infrastructure Net Rank	89	68								
ULLICO Infrastructure	9.0%	3.3%								
CPI +4%	7.5%	10.7%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%
IFM Global Infrastructure	8.6%	8.2%	-	-		-		-		
CPI +4%	7.5%	10.7%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%



Private Equity Composite

Market Value: \$72.4 Million and 10.6% of Fund

Private Equity Investments Overview

Investments		Comm	itments	Contribu Distrib		Valua	ations	ı	Perfori	mance	9
Investment Name	Vintage Year	Commitment (\$)	Unfunded Commitment (\$)	Cumulative Contributions (\$)	Cumulative Distributions (\$)	Valuation (\$)	Total Value (\$)	DPI	RVPI	TVPI	IRR (%)
2009											
Adams Street Partnership Fund 2009 US Fund, L.P.	2009	2,000,000	164,000	1,836,000	3,414,824	1,007,001	4,421,825	1.9	0.5	2.4	15.1
Adams Street Partnership Fund 2009 Non US Emerging Markets Fund, L.P.	2009	400,000	32,600	367,400	422,297	264,804	687,101	1.1	0.7	1.9	8.4
Adams Street Partnership Fund 2009 Non US Developed Markets Fund, L.P.	2009	1,200,000	132,600	1,067,400	1,620,997	459,030	2,080,027	1.5	0.4	1.9	12.4
Adams Street 2009 Direct Fund, L.P.	2009	400,000	7,920	392,080	675,514	93,610	769,124	1.7	0.2	2.0	12.7
2010											
NB Crossroads 2010 Fund, L.P.	2010	5,000,000	1,475,000	3,525,000	3,686,042	549,353	4,235,395	1.0	0.2	1.2	3.2
2014											
Top Tier Venture Velocity Fund, L.P.	2014	5,000,000	1,238	4,999,278	5,903,281	3,133,725	9,037,006	1.2	0.6	1.8	13.9
Fort Washington Private Equity Opportunities Fund III, L.P.	2014	5,000,000	1,300,000	3,700,000	4,672,500	1,441,006	6,113,506	1.3	0.4	1.7	14.0
2015											
NB Crossroads Fund XXI, L.P.	2015	5,000,000	1,750,000	3,250,000	3,383,996	4,826,767	8,210,763	1.0	1.5	2.5	18.1
57 Stars Global Opportunity Fund 4, L.P.	2015	5,000,000	550,814	4,857,492	1,786,556	6,746,913	8,533,469	0.4	1.4	1.8	11.2
2016											
Fort Washington Private Equity Investors IX, L.P.	2016	6,000,000	1,530,000	4,470,000	1,680,000	6,730,716	8,410,716	0.4	1.5	1.9	15.8
2017											
Aberdeen U.S. Private Equity VII, L.P.	2017	6,000,000	719,986	5,280,014	6,222,952	7,191,390	13,414,342	1.2	1.4	2.5	33.2
2020											
Fort Washington Private Equity Investors X, L.P.	2020	9,000,000	3,172,500	5,827,500	675,000	7,870,485	8,545,485	0.1	1.4	1.5	20.3
Adams Street US SMB Fund II, L.P.	2020	6,000,000	3,798,000	2,202,000	67,044	2,368,709	2,435,753	0.0	1.1	1.1	7.9
2021											
Top Tier Venture Velocity Fund 4, L.P.	2021	5,000,000	2,551,556	2,448,444	23,412	2,567,411	2,590,822	0.0	1.0	1.1	
2022											
Adams Street Co-Investment V, L.P.	2022	5,000,000	3,375,000	1,625,000	0	1,866,704	1,866,704	0.0	1.1	1.1	
Total		66,000,000	20,561,214	45,847,608	34,234,414	47,117,624	81,352,037	0.7	1.0	1.8	14.2

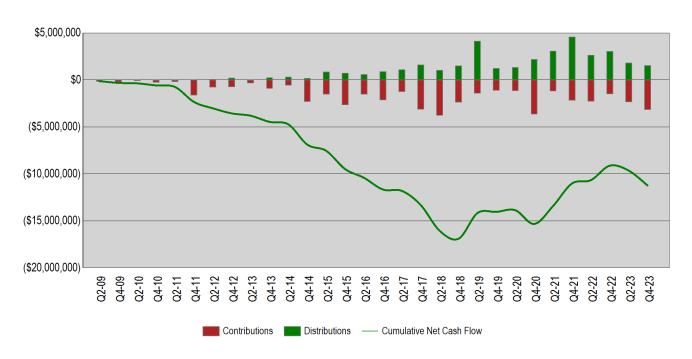
Private Equity Composite

Market Value: \$72.4 Million and 10.6% of Fund

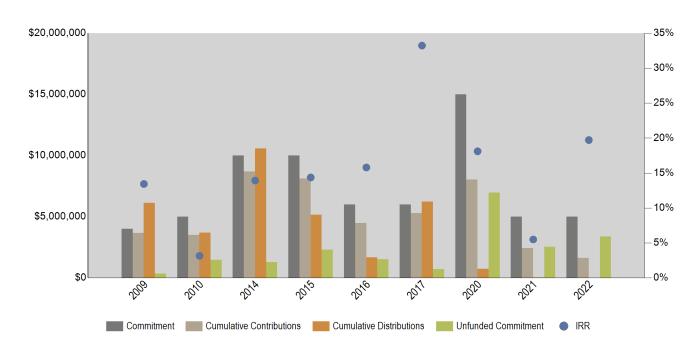
Private Equity Investments Overview

Investments		Tr	ailing Return	S	Public	Market Equ	ivalents	
Investment Name	Vintage Year	IRR (1 Yr) I (%)	RR (3 Yrs) (%)	IRR (5 Yrs) (%)	IRR (%)	Long Nickels (%)	Kaplan Schoar	Primary PME Benchmark
2009								
Adams Street Partnership Fund 2009 US Fund, L.P.	2009	-4.8	10.4	21.6	15.1	13.9	1.1	S&P 500
Adams Street Partnership Fund 2009 Non US Emerging Markets Fund, L.P.	2009	-4.5	-1.3	7.2	8.4	3.9	1.4	MSCI Emerging Markets
Adams Street Partnership Fund 2009 Non US Developed Markets Fund, L.P.	2009	-2.0	6.7	15.1	12.4	5.6	1.4	MSCI EAFE
Adams Street 2009 Direct Fund, L.P.	2009	-11.8	-11.3	0.7	12.7	14.4	0.9	S&P 500
2010								
NB Crossroads 2010 Fund, L.P.	2010	-6.2	-5.1	-8.0	3.2	13.8	0.6	S&P 500
2014								
Top Tier Venture Velocity Fund, L.P.	2014	-8.1	3.8	18.2	13.9	12.2	1.1	S&P 500
Fort Washington Private Equity Opportunities Fund III, L.P.	2014	6.8	9.8	-0.6	14.0	12.2	1.1	S&P 500
2015								
NB Crossroads Fund XXI, L.P.	2015	6.3	16.7	19.0	18.1	13.4	1.2	S&P 500
57 Stars Global Opportunity Fund 4, L.P.	2015	0.7	8.5	12.9	11.2	3.8	1.4	MSCI Emerging Markets
2016								
Fort Washington Private Equity Investors IX, L.P.	2016	3.9	13.1	16.4	15.8	13.1	1.1	S&P 500
2017								
Aberdeen U.S. Private Equity VII, L.P.	2017	7.6	34.3	32.6	33.2	14.1	1.7	S&P 500
2020								
Fort Washington Private Equity Investors X, L.P.	2020	8.3	16.8		20.3	9.3	1.2	S&P 500
Adams Street US SMB Fund II, L.P.	2020	1.8	4.4		7.9	14.1	0.9	S&P 500
2021								
Top Tier Venture Velocity Fund 4, L.P.	2021							S&P 500
2022								
Adams Street Co-Investment V, L.P.	2022							S&P 500
Total		3.9	14.2	16.3	14.2	11.8	1.1	

Private Equity Cash Flow Analysis As of December 31, 2023



Private Equity Investments as of December 31, 2023 By Vintage Year



Private Real Assets Composite

Market Value: \$2.3 Million and 0.3% of Fund

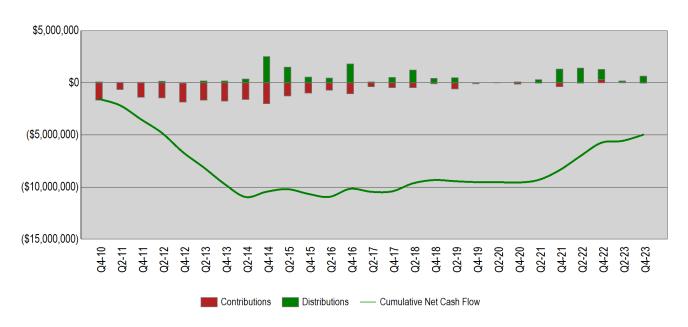
Private Real Assets Investments Overview

Investments	Investments Commitments		Contribu Distrib		Valuations		Performance				
Investment Name	Vintage Year	Commitment (\$)	Unfunded Commitment (\$)	Cumulative Contributions (\$)	Cumulative Distributions (\$)	Valuation (\$)	Total Value (\$)	DPI	RVPI	TVPI	IRR (%)
2010											
Aether Real Assets I, L.P.	2010	11,000,000	472,881	12,440,464	10,240,957	0	10,240,957	0.8	0.0	0.8	-4.9
2012											
Aether Real Assets II, L.P.	2012	7,500,000	804,511	7,649,222	4,866,397	2,334,573	7,200,970	0.6	0.3	0.9	-1.1
Total		18,500,000	1,277,392	20,089,686	15,107,354	2,334,573	17,441,927	8.0	0.1	0.9	-3.0

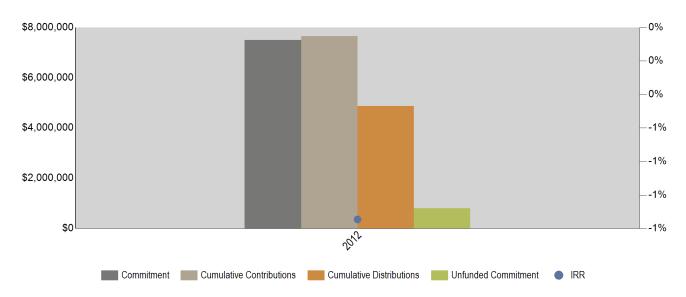
Private Real Assets Investments Overview

Investments		Trailing Returns			Public	Public Market Equivalents			
Investment Name	Vintage Year	IRR (1 Yr) (%)	IRR (3 Yrs) (%)	IRR (5 Yrs) (%)	IRR (%)	Long Nickels (%)	Kaplan Schoar	Primary PME Benchmark	
2010									
Aether Real Assets I, L.P.	2010				-4.9	4.6	0.7	S&P 500 Energy	
2012									
Aether Real Assets II, L.P.	2012	1.2	4.3	-4.0	-1.1	3.9	0.8	S&P 500 Energy	
Total		1.3	1.2	-6.7	-3.0	4.3	0.8		

Private Real Assets Cash Flow Analysis As of December 31, 2023



Private Real Assets Investments as of December 31, 2023 By Vintage Year



Fee Schedule

Market Value: \$685.9 Million and 100.0% of Fund

			,	
Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Median ²
Core Fixed Income	IR+M Core Fixed	0.25% on the Balance	0.25% \$168,663	0.25%
Long-Term Govt. Fixed Income	Schroders (STW) Fixed Income	0.375% on the first \$30 million 0.25% on the next \$70 million 0.125% on the next \$100 million 0.10% on the next \$500 million 0.08% on the Balance	0.32% \$180,053	0.28%
TIPS	IR+M TIPS	0.05% on the Balance	0.05% \$11,419	0.30%
EM Fixed Income	Ninety One EMD Blend	0.55% on the Balance (0.40% management fee with additional operating expenses capped at 0.15%)	0.55% \$162,995	0.65%
Defensive Equity	Parametric Defensive Equity	0.325% on the first \$50 million 0.30% on the next \$50 million	0.32% \$105,240	0.75%
Large-Cap Value	Eagle Capital Management	1.00% on the first \$5 million 0.75% on the Balance	0.77% \$462,565	0.50%
Large-Cap Growth	NT Russell 1000 Growth Index Fund	0.04% on the Balance	0.04% \$20,855	0.06%
Smid-Cap Growth	Pinnacle Associates Small Mid Cap	1.0% on the first \$25 million 0.85% on the next \$25 million 0.70% on the Balance	1.00% \$162,954	0.90%
Small-Cap Value	William Blair Small Cap Value	0.85% on the first \$50 million 0.60% on the next \$50 million 0.55% on the next \$150 million 0.50% on the Balance	0.85% \$142,144	0.90%
Non-U.S. Large-Cap Value	Silchester International Value	1.0% on the first \$25 million 0.65% on the next \$25 million 0.55% on the next \$25 million 0.50% on the Balance	0.73% \$562,612	0.62%
Emerging Markets	Acadian Emerging Markets	0.75% on the Balance	0.75% \$248,826	0.90%
Global Low-Volatility	NT Quality Low Volatility	0.32% on the first \$50 million 0.27% on the next \$50 million 0.22% on the Balance	0.32% \$110,753	0.45%
Global Divers. Private Equity FoF	Neuberger Berman Crossroads IXX (2010)	0.80% on Committed Capital	7.28% \$40,000	5.46%
Global Divers. Private Equity FoF	Neuberger Berman Crossroads XXI	0.50% on Committed Capital	0.52% \$25,000	1.04%
Secondary Private Equity FoF	Fort Washington Private Equity Fund III	0.75% on Committed Capital	2.60% \$37,500	3.47%
Global Divers. Private Equity FoF	Fort Washington Private Equity Fund IX	0.42% on Committed Capital	0.37% \$25,200	0.89%

Fee Schedule Cont.

Market Value: \$685.9 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Median ²
LBO Private Equity FoF	Aberdeen Private Equity VII	0.75% on Committed Capital	0.63% \$45,000	1.67%
Global Divers. Private Equity FoF	57 Stars Global Opportunity Fund	0.86% on Committed Capital	0.64% \$43,000	0.74%
Venture Private Equity FoF	Top Tier Venture Velocity Fund I	1.00% on Committed Capital	1.60% \$50,000	3.59%
Venture Private Equity FoF	Top Tier Venture Velocity Fund IV	1.00% on Committed Capital	1.95% \$50,000	4.38%
Global Divers. Private Equity FoF	Partners Group II	1.35% on the Balance	1.35% \$341,279	1.00%
Global Divers. Private Equity FoF	Fort Washington Private Equity Fund X	0.51% on Committed Capital	0.58% \$ 45,900	1.14%
Divers. Private Equity	Adams Street Direct 2009	1.40% on Committed Capital	5.98% \$5,600	2.56%
U.S. Divers. Private Equity	Adams Street US	0.70% on Committed Capital	1.39% \$14,000	1.19%
Non-U.S. Divers. Private Equity FoF	Adams Street Non-US Developed	0.70% on Committed Capital	1.83% \$8,400	1.57%
Non-U.S. Divers. Private Equity FoF	Adams Street Non-US Emerging	0.70% on Committed Capital	1.06% \$2,800	0.91%
U.S. Divers. Private Equity	Adams Street US SMB II	0.87% on Committed Capital	2.20% \$52,200	2.53%
Private Equity Co-Investment	Adams Street Co-Investment V	1.00% on Committed Capital	2.68% \$50,000	6.03%
Core Real Estate	Principal Global Investors	0.95% on the Balance	0.95% \$310,831	1.00%
Core Real Estate	RREEF America II	0.95% on the Balance	0.95% \$324,901	1.00%
Real Assets	Aether Real Assets II	0.85% on Committed Capital	2.73% \$63,750	1.93%
Global Infrastructure	DWS RREEF Global Infrastructure	1.03% on the Balance	1.03% \$83,916	0.85%
Core Infrastructure	ULLICO Infrastructure	1.60% on the first \$75 million 1.25% on the next \$175 million 1.00% on the Balance	1.60% \$172,108	1.07%
Core Infrastructure	IFM Global Infrastructure	0.77% on the first \$300 million 0.65% on the Balance	0.77% \$182,924	1.07%
Total Investment Management Fees			0.63% \$4,313,388	0.68%

¹ Expense Ratio & Estimated Annual Fee are Based on Market Value at Month End.



² Source: 2019 Marquette Associates Investment Management Fee Study.

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