

(Preliminary, Subject to Change)



Employees' Pension System

City of Knoxville

Employees' Pension System

Executive Summary

June 30, 2022

Manager Status

Market Value: \$645.1 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 I	Real Assets	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: \$645.1 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Total Fund Composite		645,140,453	-6,318,434	100.0	100.0	0
Total Fixed Income Composite		169,840,749	-467	26.3	29.0	-17,249,982
Traditional Fixed Income Composite		144,535,906	-467	22.4	24.0	-10,297,802
Core Fixed Income Composite		65,227,645	-301	10.1	10.0	713,599
IR+M Core Fixed	Core Fixed Income	65,227,645	-301	10.1		
Long Fixed Income Composite		56,922,440	-151	8.8	10.0	-7,591,605
Schroders (STW) Fixed Income	Long-Term Govt. Fixed Income	56,922,440	-151	8.8		
TIPS Composite		22,385,821	-15	3.5	4.0	-3,419,797
IR+M TIPS	TIPS	22,385,821	-15	3.5		
Emerging Debt Composite		25,304,843	0	3.9	5.0	-6,952,180
Ninety One EMD Blend	EM Fixed Income	25,304,843	0	3.9		
Total Equity Composite		343,461,008	-6,539,077	53.2	51.0	14,439,377
US Equity Composite		148,849,233	-1,527,671	23.1	24.0	-5,984,476
Total Large Cap Composite		118,336,556	-1,527,256	18.3	19.0	-4,240,130
Parametric Defensive Equity	Defensive Equity	31,178,889	-26,920	4.8		
Large Cap Equity Composite		87,157,667	-1,500,336	13.5	15.0	-9,613,401
Eagle Capital Management	Large-Cap Value	44,600,494	-336	6.9		
NT Russell 1000 Growth Index Fund	Large-Cap Growth	42,557,173	-1,500,000	6.6		
Small/Mid Cap Composite		30,512,677	-415	4.7	5.0	-1,744,345
Pinnacle Associates Small Mid Cap	Smid-Cap Growth	14,972,872	-281	2.3		
William Blair Small Cap Value	Small-Cap Value	15,539,805	-134	2.4		
International Equity Composite		127,357,227	-4,233,223	19.7	19.0	4,780,540
Silchester International Value	Non-U.S. Large-Cap Value	68,700,475	-133,223	10.6		
Emerging Markets Composite		29,742,352	-4,141,100	4.6	4.0	3,936,734
Acadian Emerging Markets	Emerging Markets	29,742,352	-4,100,000	4.6		
Global Equity Composite		28,914,400	0	4.5	5.0	-3,342,623
NT Quality Low Volatility	Global Low-Volatility	28,914,400	0	4.5		

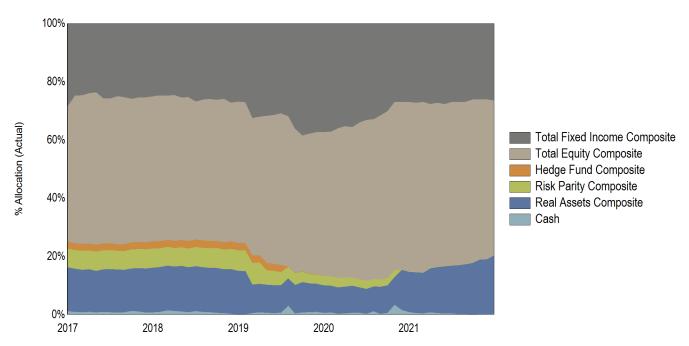
Market Value: \$645.1 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Private Equity Composite		67,254,548	-778,183	10.4	8.0	15,643,312
Neuberger Berman Crossroads IXX (2010)	Global Divers. Private Equity FoF	951,042	-50,000	0.1		
Fort Washington Private Equity Fund III	Secondary Private Equity FoF	1,726,438	-25,000	0.3		
Fort Washington Private Equity Fund IX	Global Divers. Private Equity FoF	7,280,286	0	1.1		
Aberdeen Private Equity VII	LBO Private Equity FoF	6,848,581	-707,969	1.1		
57 Stars Global Opportunity Fund	Global Divers. Private Equity FoF	7,342,583	-65,230	1.1		
Top Tier Venture Velocity Fund I	Venture Private Equity FoF	3,688,393	-49,263	0.6		
Top Tier Venture Velocity Fund IV	Venture Private Equity FoF	1,178,207	0	0.2		
Neuberger Berman Crossroads XXI	Global Divers. Private Equity FoF	6,273,278	0	1.0		
Partners Group II	Global Divers. Private Equity FoF	22,596,515	0	3.5		
Fort Washington Private Equity Fund X	Global Divers. Private Equity FoF	5,544,834	0	0.9		
Adams Street Composite		3,824,392	119,279	0.6	-	3,824,392
Adams Street Direct 2009	Divers. Private Equity	216,432	0	0.0		
Adams Street US	U.S. Divers. Private Equity	1,489,427	-78,775	0.2		
Adams Street Non-US Developed	Non-U.S. Divers. Private Equity FoF	634,973	-51,946	0.1		
Adams Street Non-US Emerging	Non-U.S. Divers. Private Equity FoF	372,039	0	0.1		
Adams Street US SMB II	U.S. Divers. Private Equity	861,521	0	0.1		
Adams Street Co-Investment V	Private Equity Co- Investment	250,000	250,000	0.0		
Real Assets Composite		129,370,990	-1,009,523	20.1	20.0	342,899
Core Real Estate Composite		83,146,572	-383,183	12.9	10.0	18,632,527
Principal Global Investors	Core Real Estate	38,985,371	0	6.0		
RREEF America II	Core Real Estate	44,161,201	-383,183	6.8		
Non-Core Real Estate				•••	-	0
Energy/Natural Resources Composite		5,161,398	0	0.8	0.0	5,161,398
Private Real Assets Composite		5,161,398	0	0.8	-	5,161,398
Aether Real Assets I	Real Assets	2,064,419	0	0.3		
Aether Real Assets II	Real Assets	3,096,979	0	0.5		
Global Infrastructure Composite		41,063,020	-626,341	6.4	5.0	8,805,997
DWS RREEF Global Infrastructure	Global Infrastructure	9,164,905	-194,685	1.4		
ULLICO Infrastructure	Core Infrastructure	10,484,132	-300,538	1.6		
IFM Global Infrastructure	Core Infrastructure	21,413,983	-131,117	3.3		
Cash	Cash & Equivalents	2,467,706	2,104,667	0.4	0.0	2,467,706

Asset Allocation

Market Value: \$645.1 Million and 100.0% of Fund

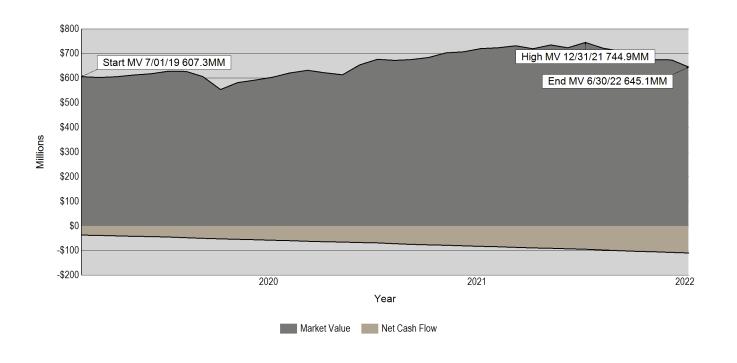
Asset Allocation History



	Current	Policy	Difference	%
Fixed Income	\$169,840,749	\$187,090,731	-\$17,249,982	-2.7%
U.S. Equity	\$148,849,233	\$154,833,709	-\$5,984,476	-0.9%
Non-U.S. Equity	\$127,357,227	\$122,576,686	\$4,780,540	0.7%
Hedge Funds		\$0	\$0	0.0%
Real Assets	\$129,370,990	\$129,028,091	\$342,899	0.1%
Private Equity	\$67,254,548	\$51,611,236	\$15,643,312	2.4%
Other	\$2,467,706	\$0	\$2,467,706	0.4%
Total	\$645,140,453	\$645,140,453		

Market Value History

Market Value: \$645.1 Million and 100.0% of Fund



Summary of Cash Flows

	Last Month	Year-To-Date	Fiscal Year-To-Date	One Year	Two Years
Beginning Market Value	\$674,014,036	\$744,903,712	\$719,775,809	\$719,775,809	\$603,658,778
Net Cash Flow	-\$2,167,992	-\$14,232,484	-\$24,849,964	-\$24,849,964	-\$47,533,228
Net Investment Change	-\$26,705,591	-\$85,530,774	-\$49,785,392	-\$49,785,392	\$89,014,904
Ending Market Value	\$645,140,453	\$645,140,453	\$645,140,453	\$645,140,453	\$645,140,453

Annualized Performance (Gross of Fees)

Market Value: \$645.1 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	-4.0%	-8.7%	-11.6%	-7.1%	-7.1%	5.7%	6.0%	7.7%	6.8%	Aug-00
Total Fund Policy Index	-3.9%	-7.6%	-10.5%	-6.2%	-6.2%	6.0%	6.3%	7.5%	5.6%	Aug-00
Total Fund Allocation Index	-4.8%	-8.6%	-11.2%	-7.0%	-7.0%	5.4%	5.7%	6.9%	5.9%	Aug-00
Total Fixed Income Composite	-2.9%	-8.3%	-14.9%	-14.2%	-14.2%	-0.2%	1.9%	2.7%	5.6%	Aug-00
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	4.1%	Aug-00
Traditional Fixed Income Composite	-2.4%	-8.1%	-14.8%	-13.4%	-13.4%	0.3%	2.3%		2.8%	Nov-14
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.4%	Nov-14
Core Fixed Income Composite	-1.5%	-4.8%	-10.4%	-10.5%	-10.5%	-0.1%	1.5%		2.5%	Sep-13
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.9%	Sep-13
Long Fixed Income Composite	-3.4%	-13.1%	-22.2%	-20.2%	-20.2%	-0.8%	2.0%	4.1%	7.7%	Sep-91
Bloomberg US Govt/Credit Long TR	-3.4% -3.0%	-13.1%	-21.9%	-20.2%	-20.2% -20.1%	-2.3%	1.0%	2.6%	6.7%	Sep-91
	-3.070	-12.570	-21.370	-20.170	-20.170				0.1 70	
TIPS Composite	-2.4%	-3.6%	-5.0%	-1.9%	-1.9%	3.4%	3.3%	1.8%	2.7%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	-2.5%	-3.4%	-5.1%	-2.0%	-2.0%	3.4%	3.2%	1.7%	2.6%	Jul-10
Emerging Debt Composite	-5.8%	-9.6%	-15.5%	-18.6%	-18.6%	-3.3%	0.1%		0.0%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	-4.1%	-8.5%	-14.1%	-15.4%	-15.4%	-3.7%	-0.7%	0.9%	0.7%	Nov-13
Bloomberg Emerging Markets TR	-4.6%	-8.7%	-17.1%	-18.0%	-18.0%	-3.5%	-0.3%	2.5%	2.3%	Nov-13
Total Equity Composite	-6.5%	-12.6%	-15.9%	-11.4%	-11.4%	7.4%	7.6%	9.9%	9.3%	Oct-91
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	7.1%	Oct-91
US Equity Composite	-8.1%	-17.2%	-22.9%	-17.1%	-17.1%	8.1%	9.6%	11.9%	7.8%	Apr-00
Russell 3000	-8.4%	-16.7%	-21.1%	-13.9%	-13.9%	9.8%	10.6%	12.6%	6.4%	Apr-00
Total Large Cap Composite	-7.8%	-17.5%	-23.6%	-16.8%	-16.8%	8.8%	10.5%	12.6%	9.4%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	Mar-08
Large Cap Equity Composite	-8.9%	-20.3%	-27.4%	-20.6%	-20.6%	9.2%	11.4%	13.1%	9.8%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	Mar-08
Small/Mid Cap Composite	-9.4%	-16.2%	-20.1%	-18.6%	-18.6%	5.3%	5.7%	9.8%	7.3%	Sep-07
Russell 2500	-9.6%	-17.0%	-21.8%	-21.0%	-21.0%	5.9%	7.0%	10.5%	7.6%	Sep-07
International Equity Composite	-7.9%	-12.6%	-14.1%	-13.8%	-13.8%	1.8%	2.1%	6.3%	5.8%	Apr-00
International Equity Policy Index	-8.6%	-13.7%	-18.4%	-19.4%	-19.4%	1.4%	2.5%	4.8%	2.8%	Apr-00
Emercina Marketa Composito	44.00/	46 40/	47 50/	24.00/	24.00/	2 60/	2 20/	4.00/	A 00/	Ion 10
Emerging Markets Composite MSCI Emerging Markets	-11.9% -6.6%	-16.1% -11.4%	-17.5%	-21.9%	-21.9% -25.3%	2.6% 0.6%	2.2% 2.2%	4.0% 3.1%	4.8% 3.0%	Jan-10
			-17.6%	-25.3%		0.0%	2.270	3.170		Jan-10
Global Equity Composite	-5.8%	-12.4%	-17.4%	-8.8%	-8.8%				-1.9%	Oct-19
S&P Global Low Volatility Index	-5.9%	-8.8%	-7.9%	-0.6%	-0.6%				1.8%	Oct-19
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	5.9%	Oct-19

Annualized Performance (Gross of Fees)

Market Value: \$645.1 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%	-0.6%	0.2%	12.0%	12.0%	20.2%	17.5%	14.3%	-3.1%	May-09
Cambridge Associates All PE	0.0%	0.0%	0.0%	10.8%	10.8%	25.1%	21.5%	17.7%	17.3%	May-09
Real Assets Composite	2.1%	3.0%	8.4%	21.3%	21.3%	8.0%	6.1%	8.1%	6.7%	Apr-04
Real Assets Policy Index	-0.7%	1.6%	7.9%	21.5%	21.5%	8.6%	7.4%	7.6%	6.6%	Apr-04
Core Real Estate Composite	3.5%	4.9%	12.2%	31.2%	31.2%	13.7%	11.4%	12.0%	9.0%	Mar-04
NFI-ODCE	1.6%	4.8%	12.5%	29.5%	29.5%	12.7%	10.5%	11.2%	8.8%	Mar-04
Non-Core Real Estate		-		-		-				Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-6.6%	-4.8%		-5.0%	Jun-15
S&P MLP Index	-13.6%	-6.7%	12.5%	9.0%	9.0%	1.9%	1.4%	1.9%	-2.7%	Jun-15
Private Real Assets Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-3.8%	-6.1%	-3.0%	0.5%	Dec-10
Global Infrastructure Composite	-0.4%	-0.4%	1.9%	8.2%	8.2%				7.5%	May-21

Calendar Performance (Gross of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

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	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Fund Composite	13.9%	11.6%	17.3%	-5.6%	16.2%	8.6%	-1.1%	6.6%	17.1%	13.8%
Total Fund Policy Index	12.3%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%	14.9%	13.2%
Total Fund Allocation Index	12.8%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%	16.1%	12.6%
Total Fixed Income Composite	-1.0%	13.8%	14.0%	-2.3%	7.6%	7.1%	-3.1%	6.7%	-1.7%	9.7%
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Traditional Fixed Income Composite	-0.4%	14.7%	13.9%	-1.9%	6.9%	7.3%	-1.4%	-		
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Core Fixed Income Composite	-1.0%	9.6%	9.2%	0.2%	3.9%	3.8%	0.4%	7.0%		
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Long Fixed Income Composite	-1.4%	21.3%	19.6%	-4.5%	10.4%	7.8%	-3.4%	20.9%	-5.7%	15.1%
Bloomberg US Govt/Credit Long TR	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%	8.8%
TIPS Composite	5.7%	8.5%	6.9%	-0.4%	1.9%	4.0%	-0.5%	0.9%	-5.2%	4.9%
Bloomberg US TIPS 1-10 Yr TR	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
Emerging Debt Composite	-4.0%	6.8%	15.3%	-3.0%	13.3%	9.3%	-12.4%	-4.4%		
50% JPM GBI EM / 50% JPM EMBI	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%	-6.0%	19.4%
Bloomberg Emerging Markets TR	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%	-4.1%	17.9%
Total Equity Composite	21.4%	12.2%	23.2%	-8.7%	27.0%	9.4%	0.4%	3.7%	25.0%	17.2%
MSCIACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
US Equity Composite	24.3%	20.1%	30.2%	-4.9%	23.8%	10.5%	2.9%	9.0%	32.0%	15.3%
Russell 3000	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%
Total Large Cap Composite	25.9%	21.8%	30.2%	-3.1%	25.5%	9.5%	4.4%	9.4%	33.7%	15.9%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Large Cap Equity Composite	27.9%	26.6%	34.5%	-3.4%	26.7%	9.5%	4.4%	9.4%	33.7%	15.9%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Small/Mid Cap Composite	18.3%	12.8%	30.4%	-12.9%	17.4%	14.6%	-1.7%	7.5%	35.7%	18.8%
Russell 2500	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%	36.8%	17.9%
International Equity Composite	13.5%	1.8%	17.1%	-15.8%	31.9%	8.8%	-2.9%	-1.7%	18.7%	19.5%
International Equity Policy Index	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%
Emerging Markets Composite	8.6%	12.5%	17.8%	-18.3%	38.9%	13.9%	-17.5%	2.3%	-1.6%	23.4%
MSCI Emerging Markets	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%
Global Equity Composite	22.0%	-6.9%		-		-		-		
S&P Global Low Volatility Index	16.7%	-3.7%								
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%

Calendar Performance (Gross of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

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	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Private Equity Composite	33.5%	20.4%	16.9%	8.2%	14.0%	6.5%	15.2%	13.4%	16.3%	9.0%
Cambridge Associates All PE	37.7%	32.9%	17.7%	11.2%	21.0%	9.1%	9.9%	12.5%	21.8%	13.2%
Real Assets Composite	19.6%	-0.5%	5.0%	-2.1%	3.6%	10.5%	-2.2%	14.9%	20.7%	10.9%
Real Assets Policy Index	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%	19.2%	8.3%
Core Real Estate Composite	24.4%	1.9%	7.2%	8.4%	7.9%	8.4%	16.5%	13.5%	15.1%	12.7%
NFI-ODCE	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%	13.9%	10.9%
Non-Core Real Estate										
Energy/Natural Resources Composite	11.3%	-15.5%	-5.7%	-13.5%	-1.1%	13.2%				
S&P MLP Index	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%	29.7%	5.0%
Private Real Assets Composite	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.3%	12.2%	7.2%	15.3%
Global Infrastructure Composite						-				

Fiscal Year Performance (Gross of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

Fiscal Year (July 1)

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	Fiscal YTD	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014	Fiscal 2013
Total Fund Composite	-7.1%	-7.1%	23.4%	3.0%	6.0%	7.0%	13.0%	0.4%	2.0%	18.5%	14.4%
Total Fund Policy Index	-6.2%	-6.2%	21.4%	4.6%	6.5%	7.2%	10.3%	2.3%	3.3%	15.8%	12.2%
Total Fund Allocation Index	-7.0%	-7.0%	23.0%	2.4%	5.5%	7.0%	11.4%	-0.6%	-0.4%	18.4%	12.8%
T (F;											
Total Fixed Income Composite	-14.2%	-14.2%	2.7%	13.0%	10.6%	-0.2%	3.5%	6.3%	-1.4%	9.7%	0.1%
Bloomberg US Aggregate TR	-10.3%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%	-0.7%
Traditional Fixed Income Composite	-13.4%	-13.4%	1.6%	14.9%	10.8%	-0.1%	3.2%	7.3%			
Bloomberg US Aggregate TR	-10.3%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%	-0.7%
Core Fixed Income Composite	-10.5%	-10.5%	1.2%	10.0%	8.1%	0.0%	0.6%	6.0%	2.4%	-	-
Bloomberg US Aggregate TR	-10.3%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%	-0.7%
Long Fixed Income Composite	-20.2%	-20.2%	0.7%	21.5%	14.2%	-0.9%	-0.2%	15.8%	2.4%	16.0%	-1.9%
Bloomberg US Govt/Credit Long TR	-20.1%	-20.1%	-1.9%	18.9%	13.8%	-0.8%	-1.1%	15.7%	1.9%	10.8%	-4.7%
TIPS Composite	-1.9%	-1.9%	6.7%	5.7%	4.6%	1.4%	-0.3%	3.4%	-1.9%	3.7%	-2.9%
Bloomberg US TIPS 1-10 Yr TR	-2.0%	-2.0%	6.6%	5.7%	4.7%	1.5%	-0.3%	3.3%	-1.9%	3.6%	-3.1%
Emerging Debt Composite	-18.6%	-18.6%	11.4%	-0.2%	11.5%	-0.1%	4.9%	4.5%	-14.0%		
50% JPM GBI EM / 50% JPM EMBI	-15.4%	-15.4%	8.3%	-2.5%	10.7%	-2.2%	6.3%	5.7%	-9.9%	9.7%	2.1%
Bloomberg Emerging Markets TR	-18.0%	-18.0%	6.3%	3.0%	11.0%	-1.0%	5.6%	7.8%	0.2%	10.2%	3.1%
Total Equity Composite	-11.4%	-11.4%	41.5%	-1.2%	4.0%	12.1%	24.1%	-4.9%	4.1%	22.2%	18.9%
MSCI ACWI	-15.8%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%	16.6%
US Equity Composite	-17.1%	-17.1%	45.2%	5.0%	8.4%	15.6%	23.9%	-1.4%	8.9%	23.1%	18.8%
Russell 3000	-13.9%	-13.9%	44.2%	6.5%	9.0%	14.8%	18.5%	2.1%	7.3%	25.2%	21.5%
Total Large Cap Composite	-16.8%	-16.8%	43.5%	7.7%	9.9%	16.5%	23.4%	0.6%	9.4%	22.4%	20.1%
Russell 1000	-13.0%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%	21.2%
Large Cap Equity Composite	-20.6%	-20.6%	48.5%	10.3%	11.3%	18.6%	23.4%	0.6%	9.4%	22.4%	20.1%
Russell 1000	-13.0%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%	21.2%
Small/Mid Cap Composite	-18.6%	-18.6%	54.8%	-7.4%	1.7%	11.1%	25.7%	-7.0%	6.9%	25.9%	23.3%
Russell 2500	-21.0%	-21.0%	57.8%	-4.7%	1.8%	16.2%	19.8%	-3.7%	5.9%	25.6%	25.6%
International Equity Composite	-13.8%	-13.8%	35.4%	-9.5%	-2.3%	7.5%	26.3%	-8.7%	-0.8%	21.5%	19.5%
International Equity Policy Index	-19.4%	-19.4%	35.7%	-4.8%	1.3%	7.3%	20.5%	-10.2%	-5.3%	21.8%	13.6%
Emerging Markets Composite	-21.9%	-21.9%	45.8%	-5.1%	-1.4%	4.8%	28.8%	-12.8%	-5.0%	14.6%	8.1%
MSCI Emerging Markets	-25.3%	-25.3%	40.9%	-3.4%	1.2%	8.2%	23.7%	-12.1%	-5.1%	14.3%	2.9%
Global Equity Composite	-8.8%	-8.8%	22.8%			-	-	-	-		
S&P Global Low Volatility Index	-0.6%	-0.6%	21.0%								
MSCI ACWI	-15.8%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%	16.6%



Fiscal Year Performance (Gross of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

Fiscal Year (July 1)

	Fiscal YTD	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014	Fiscal 2013
Private Equity Composite	12.0%	12.0%	44.3%	7.5%	11.1%	15.8%	10.8%	5.4%	13.4%	17.7%	9.0%
Cambridge Associates All PE	10.8%	10.8%	62.3%	8.8%	13.2%	19.3%	16.4%	4.6%	12.4%	24.1%	13.8%
Real Assets Composite	21.3%	21.3%	8.9%	-4.6%	2.7%	3.9%	8.1%	2.0%	1.6%	21.4%	19.7%
Real Assets Policy Index	21.5%	21.5%	23.1%	-14.4%	3.3%	8.0%	5.3%	0.6%	-1.7%	19.0%	17.0%
Core Real Estate Composite	31.2%	31.2%	8.2%	3.7%	7.6%	8.6%	8.6%	12.2%	15.6%	13.3%	13.8%
NFI-ODCE	29.5%	29.5%	8.0%	2.2%	6.4%	8.4%	7.9%	11.8%	14.4%	12.7%	12.2%
Non-Core Real Estate		-		-		-	-		-	-	
Energy/Natural Resources Composite	1.1%	1.1%	18.5%	-31.9%	-3.0%	-1.2%	7.3%	-12.5%			
S&P MLP Index	9.0%	9.0%	62.2%	-40.2%	3.2%	-1.8%	3.2%	-18.9%	-16.5%	24.9%	29.5%
Private Real Assets Composite	1.1%	1.1%	18.5%	-25.7%	-16.8%	-1.5%	9.8%	-9.5%	-9.0%	3.4%	8.4%
Global Infrastructure Composite	8.2%	8.2%									

Annualized Performance (Gross of Fees)

Market Value: \$645.1 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	-4.0%	-8.7%	-11.6%	-7.1%	-7.1%	5.7%	6.0%	7.7%	6.8%	Aug-00
Total Fund Policy Index	-3.9%	-7.6%	-10.5%	-6.2%	-6.2%	6.0%	6.3%	7.5%	5.6%	Aug-00
Total Fund Allocation Index	-4.8%	-8.6%	-11.2%	-7.0%	-7.0%	5.4%	5.7%	6.9%	5.9%	Aug-00
Total Fixed Income Composite	-2.9%	-8.3%	-14.9%	-14.2%	-14.2%	-0.2%	1.9%	2.7%	5.6%	Aug-00
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	4.1%	Aug-00
Traditional Fixed Income Composite	-2.4%	-8.1%	-14.8%	-13.4%	-13.4%	0.3%	2.3%	-	2.8%	Nov-14
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.4%	Nov-14
Core Fixed Income Composite	-1.5%	-4.8%	-10.4%	-10.5%	-10.5%	-0.1%	1.5%		2.5%	Sep-13
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.9%	Sep-13
IR+M Core Fixed	-1.5%	-4.8%	-10.4%	-10.5%	-10.5%	-0.1%	1.5%	2.3%	2.8%	Jul-11
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	2.1%	Jul-11
Long Fixed Income Composite	-3.4%	-13.1%	-22.2%	-20.2%	-20.2%	-0.8%	2.0%	4.1%	7.7%	Sep-91
Bloomberg US Govt/Credit Long TR	-3.0%	-12.3%	-21.9%	-20.1%	-20.1%	-2.3%	1.0%	2.6%	6.7%	Sep-91
Schroders (STW) Fixed Income	-3.4%	-13.1%	-22.2%	-20.2%	-20.2%	-0.8%	2.1%	4.1%	7.7%	Sep-91
Bloomberg US Govt/Credit Long TR	-3.0%	-12.3%	-21.9%	-20.1%	-20.1%	-2.3%	1.0%	2.6%	6.7%	Sep-91
TIPS Composite	-2.4%	-3.6%	-5.0%	-1.9%	-1.9%	3.4%	3.3%	1.8%	2.7%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	-2.5%	-3.4%	-5.1%	-2.0%	-2.0%	3.4%	3.2%	1.7%	2.6%	Jul-10
IR+M TIPS	-2.4%	-3.6%	-5.0%	-1.9%	-1.9%	3.4%	3.3%	1.8%	2.6%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	-2.5%	-3.4%	-5.1%	-2.0%	-2.0%	3.4%	3.2%	1.7%	2.6%	Jul-10
Emerging Debt Composite	-5.8%	-9.6%	-15.5%	-18.6%	-18.6%	-3.3%	0.1%		0.0%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	-4.1%	-8.5%	-14.1%	-15.4%	-15.4%	-3.7%	-0.7%	0.9%	0.7%	Nov-13
Bloomberg Emerging Markets TR	-4.6%	-8.7%	-17.1%	-18.0%	-18.0%	-3.5%	-0.3%	2.5%	2.3%	Nov-13
Ninety One EMD Blend	-5.8%	-9.6%	-15.5%	-18.6%	-18.6%	-3.3%	-	-	0.1%	Nov-18
50% JPM GBI EM / 50% JPM EMBI	-4.1%	-8.5%	-14.1%	-15.4%	-15.4%	-3.7%	-0.7%	0.9%	-0.1%	Nov-18
Bloomberg Emerging Markets TR	-4.6%	-8.7%	-17.1%	-18.0%	-18.0%	-3.5%	-0.3%	2.5%	-0.1%	Nov-18



Annualized Performance (Gross of Fees)

Market Value: \$645.1 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	-6.5%	-12.6%	-15.9%	-11.4%	-11.4%	7.4%	7.6%	9.9%	9.3%	Oct-91
MSCIACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	7.1%	Oct-91
US Equity Composite	-8.1%	-17.2%	-22.9%	-17.1%	-17.1%	8.1%	9.6%	11.9%	7.8%	Apr-00
Russell 3000	-8.4%	-16.7%	-21.1%	-13.9%	-13.9%	9.8%	10.6%	12.6%	6.4%	Apr-00
Total Large Cap Composite	-7.8%	-17.5%	-23.6%	-16.8%	-16.8%	8.8%	10.5%	12.6%	9.4%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	<i>Mar-08</i>
Parametric Defensive Equity	-4.6%	-8.6%	-10.1%	-3.7%	-3.7%	5.9%			7.3%	Aug-17
S&P 500	-8.3%	-16.1%	-20.0%	-10.6%	-10.6%	10.6%	11.3%	13.0%	11.2%	Aug-17
CBOE Put Write Index	-3.1%	-8.8%	-7.3%	1.0%	1.0%	6.6%	5.1%	6.7%	5.1%	Aug-17
Large Cap Equity Composite	-8.9%	-20.3%	-27.4%	-20.6%	-20.6%	9.2%	11.4%	13.1%	9.8%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	Mar-08
Eagle Capital Management	-9.8%	-19.7%	-26.7%	-22.5%	-22.5%	5.5%	8.6%	12.5%	12.6%	Sep-10
Russell 1000 Value	-8.7%	-12.2%	-12.9%	-6.8%	-6.8%	6.9%	7.2%	10.5%	10.6%	Sep-10
NT Russell 1000 Growth Index Fund	-7.9%	-20.9%	-28.0%	-18.7%	-18.7%	12.5%	14.2%		13.0%	May-15
Russell 1000 Growth	-7.9%	-20.9%	-28.1%	-18.8%	-18.8%	12.6%	14.3%	14.8%	13.0%	May-15
Small/Mid Cap Composite	-9.4%	-16.2%	-20.1%	-18.6%	-18.6%	5.3%	5.7%	9.8%	7.3%	Sep-07
Russell 2500	-9.6%	-17.0%	-21.8%	-21.0%	-21.0%	5.9%	7.0%	10.5%	7.6%	Sep-07
Pinnacle Associates Small Mid Cap	-9.2%	-20.6%	-25.0%	-25.7%	-25.7%	9.4%	9.0%	12.5%	9.3%	Sep-07
Russell 2500 Growth	-6.9%	-19.6%	-29.4%	-31.8%	-31.8%	3.7%	7.5%	10.9%	8.1%	Sep-07
William Blair Small Cap Value	-9.5%	-11.4%	-14.7%	-10.3%	-10.3%	1.8%	2.9%		6.5%	May-13
Russell 2000 Value	-9.9%	-15.3%	-17.3%	-16.3%	-16.3%	6.2%	4.9%	9.1%	7.3%	<i>May-13</i>
International Equity Composite	-7.9%	-12.6%	-14.1%	-13.8%	-13.8%	1.8%	2.1%	6.3%	5.8%	Apr-00
International Equity Policy Index	-8.6%	-13.7%	-18.4%	-19.4%	-19.4%	1.4%	2.5%	4.8%	2.8%	Apr-00
Silchester International Value	-6.7%	-10.9%	-10.7%	-11.4%	-11.4%	2.8%	2.8%	8.1%	9.7%	Nov-01
MSCI EAFE Value	-10.0%	-12.4%	-12.1%	-11.9%	-11.9%	0.2%	0.5%	4.2%	4.6%	Nov-01
Emerging Markets Composite	-11.9%	-16.1%	-17.5%	-21.9%	-21.9%	2.6%	2.2%	4.0%	4.8%	Jan-10
MSCI Emerging Markets	-6.6%	-11.4%	-17.6%	-25.3%	-25.3%	0.6%	2.2%	3.1%	3.0%	Jan-10
Acadian Emerging Markets	-11.9%	-16.1%	-17.5%	-21.9%	-21.9%	2.6%	2.2%	3.9%	4.8%	Jan-10
MSCI Emerging Markets	-6.6%	-11.4%	-17.6%	-25.3%	-25.3%	0.6%	2.2%	3.1%	3.0%	Jan-10
Global Equity Composite	-5.8%	-12.4%	-17.4%	-8.8%	-8.8%				-1.9%	Oct-19
S&P Global Low Volatility Index	-5.9%	-8.8%	-7.9%	-0.6%	-0.6%				1.8%	Oct-19
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	5.9%	Oct-19
NT Quality Low Volatility	-5.8%	-12.4%	-17.4%	-8.8%	-8.8%				0.5%	Dec-20
S&P Global Low Volatility Index	-5.9%	-8.8%	-7.9%	-0.6%	-0.6%				4.9%	Dec-20

Annualized Performance (Gross of Fees)

Market Value: \$645.1 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%	-0.6%	0.2%	12.0%	12.0%	20.2%	17.5%	14.3%	-3.1%	May-09
Cambridge Associates All PE	0.0%	0.0%	0.0%	10.8%	10.8%	25.1%	21.5%	17.7%	17.3%	<i>May-09</i>
Partners Group II	0.0%	-1.7%	-0.4%	6.7%	6.7%				14.1%	Sep-20
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	4.8%	Sep-20
Cambridge Associates All PE	0.0%	0.0%	0.0%	10.8%	10.8%	25.1%	21.5%	17.7%	31.2%	Sep-20
Real Assets Composite	2.1%	3.0%	8.4%	21.3%	21.3%	8.0%	6.1%	8.1%	6.7%	Apr-04
Real Assets Policy Index	-0.7%	1.6%	7.9%	21.5%	21.5%	8.6%	7.4%	7.6%	6.6%	Apr-04
Core Real Estate Composite	3.5%	4.9%	12.2%	31.2%	31.2%	13.7%	11.4%	12.0%	9.0%	Mar-04
NFI-ODCE	1.6%	4.8%	12.5%	29.5%	29.5%	12.7%	10.5%	11.2%	8.8%	Mar-04
Principal Global Investors	0.4%	3.3%	11.1%	28.9%	28.9%	13.0%	11.3%	12.0%	8.8%	Mar-05
NFI-ODCE	1.6%	4.8%	12.5%	29.5%	29.5%	12.7%	10.5%	11.2%	8.5%	Mar-05
RREEF America II	6.4%	6.4%	13.2%	33.3%	33.3%	14.4%	11.8%	12.2%	9.0%	Mar-04
NFI-ODCE	1.6%	4.8%	12.5%	29.5%	29.5%	12.7%	10.5%	11.2%	8.8%	Mar-04
Non-Core Real Estate	-	-	-	-	-	-	-	-	-	Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-6.6%	-4.8%		-5.0%	Jun-15
S&P MLP Index	-13.6%	-6.7%	12.5%	9.0%	9.0%	1.9%	1.4%	1.9%	-2.7%	Jun-15
Private Real Assets Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-3.8%	-6.1%	-3.0%	0.5%	Dec-10
Global Infrastructure Composite	-0.4%	-0.4%	1.9%	8.2%	8.2%	-	-	-	7.5%	May-21
DWS RREEF Global Infrastructure	-7.1%	-7.5%	-4.9%	2.4%	2.4%	-			2.1%	May-21
Dow Jones Brookfield Global Infrastructure Index	-7.4%	-7.1%	-4.1%	2.1%	2.1%	4.4%	5.6%	7.6%	2.4%	May-21
ULLICO Infrastructure	0.0%	0.0%	2.6%						9.1%	Jul-21
CPI +4%	1.7%	4.1%	8.4%	13.4%	13.4%	9.2%	8.0%	6.7%	12.5%	Jul-21
IFM Global Infrastructure	2.6%	2.9%	4.8%						8.8%	Nov-21
CPI +4%	1.7%	4.1%	8.4%	13.4%	13.4%	9.2%	8.0%	6.7%	9.1%	Nov-21

Calendar Performance (Gross of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Fund Composite	13.9%	11.6%	17.3%	-5.6%	16.2%	8.6%	-1.1%	6.6%	17.1%	13.8%
Total Fund Policy Index	12.3%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%	14.9%	13.2%
Total Fund Allocation Index	12.8%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%	16.1%	12.6%
Total Fixed Income Composite	-1.0%	13.8%	14.0%	-2.3%	7.6%	7.1%	-3.1%	6.7%	-1.7%	9.7%
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Traditional Fixed Income Composite	-0.4%	14.7%	13.9%	-1.9%	6.9%	7.3%	-1.4%			
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Core Fixed Income Composite	-1.0%	9.6%	9.2%	0.2%	3.9%	3.8%	0.4%	7.0%		
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
IR+M Core Fixed	-1.0%	9.6%	9.2%	0.1%	4.0%	3.8%	0.3%	7.1%	-1.5%	7.4%
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Long Fixed Income Composite	-1.4%	21.3%	19.6%	-4.5%	10.4%	7.8%	-3.4%	20.9%	-5.7%	15.1%
Bloomberg US Govt/Credit Long TR	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%	8.8%
Schroders (STW) Fixed Income	-1.4%	21.3%	19.6%	-4.5%	10.6%	7.8%	-3.4%	20.9%	-5.7%	15.1%
Bloomberg US Govt/Credit Long TR	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%	8.8%
TIPS Composite	5.7%	8.5%	6.9%	-0.4%	1.9%	4.0%	-0.5%	0.9%	-5.2%	4.9%
Bloomberg US TIPS 1-10 Yr TR	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
IR+M TIPS	5.7%	8.5%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
Bloomberg US TIPS 1-10 Yr TR	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
Emerging Debt Composite	-4.0%	6.8%	15.3%	-3.0%	13.3%	9.3%	-12.4%	-4.4%	-	
50% JPM GBI EM / 50% JPM EMBI	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%	-6.0%	19.4%
Bloomberg Emerging Markets TR	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%	-4.1%	17.9%
Ninety One EMD Blend	-4.0%	6.8%	15.3%							
50% JPM GBI EM / 50% JPM EMBI	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%	-6.0%	19.4%
Bloomberg Emerging Markets TR	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%	-4.1%	17.9%

Calendar Performance (Gross of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Equity Composite	21.4%	12.2%	23.2%	-8.7%	27.0%	9.4%	0.4%	3.7%	25.0%	17.2%
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
US Equity Composite	24.3%	20.1%	30.2%	-4.9%	23.8%	10.5%	2.9%	9.0%	32.0%	15.3%
Russell 3000	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%
Total Large Cap Composite	25.9%	21.8%	30.2%	-3.1%	25.5%	9.5%	4.4%	9.4%	33.7%	15.9%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Parametric Defensive Equity	18.1%	5.0%	16.6%	3.8%						-
S&P 500	28.7%	18.4%	31.5%	-4.4%	21.8%	12.0%	1.4%	13.7%	32.4%	16.0%
CBOE Put Write Index	21.8%	2.1%	13.5%	-5.9%	10.8%	7.8%	6.4%	6.3%	12.3%	8.1%
Large Cap Equity Composite	27.9%	26.6%	34.5%	-3.4%	26.7%	9.5%	4.4%	9.4%	33.7%	15.9%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Eagle Capital Management	27.9%	14.8%	32.6%	-4.8%	24.0%	11.4%	2.9%	13.5%	37.0%	18.1%
Russell 1000 Value	25.2%	2.8%	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%	32.5%	17.5%
NT Russell 1000 Growth Index Fund	27.6%	38.3%	36.3%	-1.5%	30.1%	7.2%		-		-
Russell 1000 Growth	27.6%	38.5%	36.4%	-1.5%	30.2%	7.1%	5.7%	13.0%	33.5%	15.3%
Small/Mid Cap Composite	18.3%	12.8%	30.4%	-12.9%	17.4%	14.6%	-1.7%	7.5%	35.7%	18.8%
Russell 2500	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%	36.8%	17.9%
Pinnacle Associates Small Mid Cap	13.2%	32.6%	41.3%	-10.6%	26.4%	5.0%	0.4%	8.6%	38.7%	25.3%
Russell 2500 Growth	5.0%	40.5%	32.7%	-7.5%	24.5%	9.7%	-0.2%	7.1%	40.6%	16.1%
William Blair Small Cap Value	24.3%	-4.5%	22.1%	-14.6%	9.2%	27.0%	-4.3%	6.2%		
Russell 2000 Value	28.3%	4.6%	22.4%	-12.9%	7.8%	31.7%	-7.5%	4.2%	34.5%	18.0%
International Equity Composite	13.5%	1.8%	17.1%	-15.8%	31.9%	8.8%	-2.9%	-1.7%	18.7%	19.5%
International Equity Policy Index	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%
Silchester International Value	12.5%	0.2%	18.0%	-13.7%	28.1%	8.3%	2.3%	-0.9%	30.1%	17.3%
MSCI EAFE Value	10.9%	-2.6%	16.1%	-14.8%	21.4%	5.0%	-5.7%	-5.4%	23.0%	17.7%
Emerging Markets Composite	8.6%	12.5%	17.8%	-18.3%	38.9%	13.9%	-17.5%	2.3%	-1.6%	23.4%
MSCI Emerging Markets	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%
Acadian Emerging Markets	8.6%	12.5%	17.8%	-18.4%	38.7%	13.9%	-17.5%	2.3%	-1.6%	23.4%
MSCI Emerging Markets	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%
Global Equity Composite	22.0%	-6.9%	-			-	-	-		
S&P Global Low Volatility Index	16.7%	-3.7%								
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
NT Quality Low Volatility	22.0%							-		
S&P Global Low Volatility Index	16.7%	-3.7%								



Calendar Performance (Gross of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Private Equity Composite	33.5%	20.4%	16.9%	8.2%	14.0%	6.5%	15.2%	13.4%	16.3%	9.0%
Cambridge Associates All PE	37.7%	32.9%	17.7%	11.2%	21.0%	9.1%	9.9%	12.5%	21.8%	13.2%
Partners Group II	20.9%	-	-			-		-		
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
Cambridge Associates All PE	37.7%	32.9%	17.7%	11.2%	21.0%	9.1%	9.9%	12.5%	21.8%	13.2%
Real Assets Composite	19.6%	-0.5%	5.0%	-2.1%	3.6%	10.5%	-2.2%	14.9%	20.7%	10.9%
Real Assets Policy Index	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%	19.2%	8.3%
Core Real Estate Composite	24.4%	1.9%	7.2%	8.4%	7.9%	8.4%	16.5%	13.5%	15.1%	12.7%
NFI-ODCE	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%	13.9%	10.9%
Principal Global Investors	23.8%	1.6%	7.1%	9.2%	9.1%	10.0%	14.7%	13.9%	14.6%	12.8%
NFI-ODCE	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%	13.9%	10.9%
RREEF America II	25.0%	2.1%	7.3%	8.4%	7.4%	9.1%	16.7%	13.0%	15.1%	12.4%
NFI-ODCE	22.2%	1.2%	5.3%	8.3%	7.6%	8.8%	15.0%	12.5%	13.9%	10.9%
Non-Core Real Estate	-						-	-	-	-
Energy/Natural Resources Composite	11.3%	-15.5%	-5.7%	-13.5%	-1.1%	13.2%				
S&P MLP Index	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%	29.7%	5.0%
Private Real Assets Composite	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.3%	12.2%	7.2%	15.3%
Global Infrastructure Composite										
DWS RREEF Global Infrastructure						-		-		
Dow Jones Brookfield Global Infrastructure Index	19.9%	-7.0%	28.7%	-7.9%	15.8%	12.5%	-14.4%	16.3%	15.9%	16.0%
ULLICO Infrastructure						-				-
CPI +4%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%
IFM Global Infrastructure								-		
CPI +4%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%

Annualized Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

Ending June 30, 2022

						9	-,			
	1 Mo	3 Mo	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	-4.0%	-8.8%	-11.8%	-7.6%	-7.6%	5.2%	5.5%	7.2%	6.4%	Aug-00
Total Fund Policy Index	-3.9%	-7.6%	-10.5%	-6.2%	-6.2%	6.0%	6.3%	7.5%	5.6%	Aug-00
Total Fund Allocation Index	-4.8%	-8.6%	-11.2%	-7.0%	-7.0%	5.4%	5.7%	6.9%	5.9%	Aug-00
Total Fixed Income Composite	2.00/	0.40/	45.00/	44 50/	44 50/	0.50/	4 60/	2.40/	E 20/	Aug-00
Total Fixed Income Composite	-2.9% -1.6%	-8.4%	-15.0% -10.3%	-14.5% -10.3%	-14.5% -10.3%	-0.5% -0.9%	1.6% 0.9%	2.4% 1.5%	5.3% 4.1%	_
Bloomberg US Aggregate TR	-1.0%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	4.170	Aug-00
Traditional Fixed Income Composite	-2.4%	-8.1%	-14.9%	-13.7%	-13.7%	0.1%	2.0%		2.6%	Nov-14
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.4%	Nov-14
Core Fixed Income Composite	-1.5%	-4.8%	-10.5%	-10.7%	-10.7%	-0.4%	1.3%		2.3%	Sep-13
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.9%	Sep-13
										·
Long Fixed Income Composite	-3.4%	-13.2%	-22.4%	-20.4%	-20.4%	-1.1%	1.8%	3.8%	7.5%	Sep-91
Bloomberg US Govt/Credit Long TR	-3.0%	-12.3%	-21.9%	-20.1%	-20.1%	-2.3%	1.0%	2.6%	6.7%	Sep-91
TIPS Composite	-2.4%	-3.6%	-5.0%	-2.0%	-2.0%	3.4%	3.2%	1.8%	2.6%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	-2.5%	-3.4%	-5.1%	-2.0%	-2.0%	3.4%	3.2%	1.7%	2.6%	Jul-10
Emerging Debt Composite	-5.9%	-9.7%	-15.7%	-19.1%	-19.1%	-3.8%	-0.4%		-0.8%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	-4.1%	-8.5%	-14.1%	-15.4%	-15.4%	-3.7%	-0.7%	0.9%	0.7%	Nov-13
Bloomberg Emerging Markets TR	-4.6%	-8.7%	-17.1%	-18.0%	-18.0%	-3.5%	-0.3%	2.5%	2.3%	Nov-13
Total Equity Composite	-6.6%	-12.7%	-16.1%	-11.8%	-11.8%	6.9%	7.1%	9.3%	8.8%	Oct-91
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	7.1%	Oct-91
110.5 % 0 %	0.00/	47.00/	00.40/	47 50/	47 50/		0.40/	44.00/	7.00/	4 00
US Equity Composite	-8.2%	-17.3%	-23.1%	-17.5%	-17.5%	7.6%	9.1%	11.3%	7.3%	Apr-00
Russell 3000	-8.4%	-16.7%	-21.1%	-13.9%	-13.9%	9.8%	10.6%	12.6%	6.4%	Apr-00
Total Large Cap Composite	-7.9%	-17.6%	-23.7%	-17.1%	-17.1%	8.3%	10.1%	12.1%	9.0%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	Mar-08
Large Cap Equity Composite	-8.9%	-20.4%	-27.5%	-20.9%	-20.9%	8.7%	11.0%	12.6%	9.3%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	Mar-08
Small/Mid Cap Composite	-9.5%	-16.4%	-20.5%	-19.4%	-19.4%	4.3%	4.8%	8.9%	6.4%	Sep-07
Russell 2500	-9.6%	-17.0%	-21.8%	-21.0%	-21.0%	5.9%	7.0%	10.5%	7.6%	Sep-07
International Equity Composite	-7.9%	-12.8%	-14.3%	-14.4%	-14.4%	1.2%	1.4%	5.6%	5.1%	Apr-00
International Equity Policy Index	-8.6%	-13.7%	-18.4%	-19.4%	-19.4%	1.4%	2.5%	4.8%	2.8%	Apr-00
Emerging Markets Composite	-11.9%	-16.3%	-17.8%	-22.5%	-22.5%	1.9%	1.6%	3.3%	4.2%	Jan-10
MSCI Emerging Markets	-6.6%	-11.4%	-17.6%	-25.3%	-25.3%	0.6%	2.2%	3.1%	3.0%	Jan-10
Global Equity Composite	-5.9%	-12.4%	-17.6%	-9.1%	-9.1%		-		-2.1%	Oct-19
S&P Global Low Volatility Index	-5.9%	-8.8%	-7.9%	-0.6%	-0.6%				1.8%	Oct-19
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	5.9%	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: \$645.1 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%	-0.6%	0.2%	12.0%	12.0%	20.2%	17.4%	14.3%	-3.1%	May-09
Cambridge Associates All PE	0.0%	0.0%	0.0%	10.8%	10.8%	25.1%	21.5%	17.7%	17.3%	May-09
Real Assets Composite	2.0%	2.8%	7.8%	20.2%	20.2%	7.1%	5.3%	7.4%	6.1%	Apr-04
Real Assets Policy Index	-0.7%	1.6%	7.9%	21.5%	21.5%	8.6%	7.4%	7.6%	6.6%	Apr-04
Core Real Estate Composite	3.3%	4.7%	11.7%	30.0%	30.0%	12.6%	10.4%	11.0%	8.0%	Mar-04
NFI-ODCE	1.5%	4.6%	12.0%	28.4%	28.4%	11.7%	9.6%	10.2%	7.8%	Mar-04
Non-Core Real Estate		-		-		-				Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-6.6%	-4.9%		-5.2%	Jun-15
S&P MLP Index	-13.6%	-6.7%	12.5%	9.0%	9.0%	1.9%	1.4%	1.9%	-2.7%	Jun-15
Private Real Assets Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-3.8%	-6.1%	-3.0%	0.5%	Dec-10
Global Infrastructure Composite	-0.5%	-0.6%	1.3%	7.1%	7.1%				6.5%	May-21

Calendar Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

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	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Fund Composite	13.4%	11.1%	16.7%	-5.9%	15.7%	8.2%	-1.7%	6.0%	16.5%	13.1%
Total Fund Policy Index	12.3%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%	14.9%	13.2%
Total Fund Allocation Index	12.8%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%	16.1%	12.6%
InvMetrics Public DB Net Rank	56	74	85	89	29	24	78	37	32	21
Total Fixed Income Composite	-1.2%	13.4%	13.7%	-2.4%	7.3%	6.8%	-3.5%	6.1%	-2.0%	9.4%
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
InvMetrics Public DB Total Fix Inc Net Rank	63	2	1	98	13	17	94	6	69	30
Traditional Fixed Income Composite	-0.6%	14.4%	13.6%	-2.0%	6.6%	7.1%	-1.7%	-		
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
InvMetrics Public DB US Fix Inc Net Rank	17	1	1	99	5	16	83			
Core Fixed Income Composite	-1.3%	9.3%	8.9%	0.2%	3.7%	3.6%	0.1%	6.8%		
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
Long Fixed Income Composite	-1.7%	20.9%	19.3%	-4.6%	10.1%	7.6%	-3.7%	20.5%	-6.0%	14.7%
Bloomberg US Govt/Credit Long TR	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%	8.8%
TIPS Composite	5.7%	8.4%	6.9%	-0.4%	1.8%	4.0%	-0.5%	0.8%	-5.2%	4.9%
Bloomberg US TIPS 1-10 Yr TR	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
Emerging Debt Composite	-4.6%	6.2%	14.7%	-3.4%	12.5%	8.6%	-13.5%	-6.3%		
50% JPM GBI EM / 50% JPM EMBI	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%	-6.0%	19.4%
Bloomberg Emerging Markets TR	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%	-4.1%	17.9%
Total Equity Composite	20.8%	11.7%	22.5%	-9.1%	26.3%	8.8%	-0.2%	3.0%	24.2%	16.3%
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
InvMetrics Public DB Total Eq Net Rank	33	98	99	65	8	57	15	84	86	57
US Equity Composite	23.7%	19.6%	29.6%	-5.2%	23.1%	10.0%	2.3%	8.3%	31.3%	14.5%
Russell 3000	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%
InvMetrics Public DB US Eq Net Rank	83	24	63	31	7	87	1	86	96	83
Total Large Cap Composite	25.4%	21.3%	29.7%	-3.3%	24.9%	9.1%	4.0%	8.8%	33.0%	15.1%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Large Cap Equity Composite	27.4%	26.1%	33.9%	-3.6%	26.2%	9.1%	4.0%	8.8%	33.0%	15.1%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Small/Mid Cap Composite	17.1%	11.6%	29.1%	-13.3%	16.3%	13.8%	-2.6%	6.5%	34.8%	17.7%
Russell 2500	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%	36.8%	17.9%



Calendar Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

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	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
International Equity Composite	12.7%	1.2%	16.3%	-16.4%	31.1%	8.0%	-3.7%	-2.4%	17.9%	18.5%
International Equity Policy Index	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%
InvMetrics Public DB Dev Mkt ex-US Eq Net Rank	10	99	99	91	13	7	61	15	83	38
Emerging Markets Composite	7.8%	11.6%	17.0%	-18.6%	38.4%	13.2%	-18.1%	1.5%	-2.2%	22.3%
MSCI Emerging Markets	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%
InvMetrics Public DB Emg Mkt Eq Net Rank	1	76	61	89	15	12	94	17	39	9
Global Equity Composite	21.6%	-7.0%								
S&P Global Low Volatility Index	16.7%	-3.7%								
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
InvMetrics Public DB Glbl Eq Net Rank	4	99								
Private Equity Composite	33.5%	20.4%	16.8%	8.2%	14.0%	6.5%	15.1%	13.4%	16.3%	9.0%
Cambridge Associates All PE	37.7%	32.9%	17.7%	11.2%	21.0%	9.1%	9.9%	12.5%	21.8%	13.2%
InvMetrics Public DB Private Eq Net Rank	67	20	12	96	58	58	13	44	13	56
Real Assets Composite	18.6%	-1.3%	4.2%	-2.6%	2.8%	10.0%	-2.8%	14.2%	20.2%	10.2%
Real Assets Policy Index	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%	19.2%	8.3%
InvMetrics Public DB Real Assets/Commodities Net Rank	34	64	78	61	79	47	35	6	1	19
Core Real Estate Composite	23.2%	0.9%	6.1%	7.6%	6.9%	7.8%	15.4%	12.3%	14.3%	10.6%
NFI-ODCE	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
InvMetrics Public DB Real Estate Priv Net Rank	19	31	34	55	55	56	5	49	15	49
Non-Core Real Estate	-			-	-	-	-	-		-
Energy/Natural Resources Composite	11.3%	-15.5%	-6.1%	-13.7%	-1.7%	12.7%				
S&P MLP Index	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%	29.7%	5.0%
InvMetrics Public DB Real Assets/Commodities Net Rank	83	89	99	96	95	42				
Private Real Assets Composite	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.5%	12.2%	7.2%	15.3%
Global Infrastructure Composite				-		-				

Fiscal Year Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

Fiscal Year (July 1)

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	Fiscal YTD	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014	Fiscal 2013
Total Fund Composite	-7.6%	-7.6%	22.9%	2.5%	5.5%	6.6%	12.6%	-0.1%	1.5%	17.8%	13.8%
Total Fund Policy Index	-6.2%	-6.2%	21.4%	4.6%	6.5%	7.2%	10.3%	2.3%	3.3%	15.8%	12.2%
Total Fund Allocation Index	-7.0%	-7.0%	23.0%	2.4%	5.5%	7.0%	11.4%	-0.6%	-0.4%	18.4%	12.8%
InvMetrics Public DB Net Rank			88	66	73	81	34	62	77	12	15
Total Fixed Income Composite	-14.5%	-14.5%	2.4%	12.6%	10.4%	-0.4%	3.2%	5.9%	-1.8%	9.2%	-0.2%
Bloomberg US Aggregate TR	-10.3%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%	-0.7%
InvMetrics Public DB Total Fix Inc Net Rank			58	1	1	78	42	4	89	6	69
Traditional Fixed Income Composite	-13.7%	-13.7%	1.4%	14.6%	10.5%	-0.2%	2.9%	7.0%			
Bloomberg US Aggregate TR	-10.3%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%	-0.7%
InvMetrics Public DB US Fix Inc Net Rank		-	40	1	2	53	31	6			
Core Fixed Income Composite	-10.7%	-10.7%	0.9%	9.7%	7.9%	-0.1%	0.4%	5.8%	2.2%		
Bloomberg US Aggregate TR	-10.3%	-10.3%	-0.3%	8.7%	7.9%	-0.4%	-0.3%	6.0%	1.9%	4.4%	-0.7%
Long Fixed Income Composite	-20.4%	-20.4%	0.5%	21.2%	13.9%	-1.0%	-0.3%	15.5%	2.1%	15.7%	-2.3%
Bloomberg US Govt/Credit Long TR	-20.1%	-20.1%	-1.9%	18.9%	13.8%	-0.8%	-1.1%	15.7%	1.9%	10.8%	-4.7%
TIPS Composite	-2.0%	-2.0%	6.7%	5.7%	4.6%	1.4%	-0.3%	3.3%	-1.9%	3.7%	-3.0%
Bloomberg US TIPS 1-10 Yr TR	-2.0%	-2.0%	6.6%	5.7%	4.7%	1.5%	-0.3%	3.3%	-1.9%	3.6%	-3.1%
Emerging Debt Composite	-19.1%	-19.1%	10.8%	-0.8%	11.1%	-0.8%	4.4%	3.5%	-15.3%	-	
50% JPM GBI EM / 50% JPM EMBI	-15.4%	-15.4%	8.3%	-2.5%	10.7%	-2.2%	6.3%	5.7%	-9.9%	9.7%	2.1%
Bloomberg Emerging Markets TR	-18.0%	-18.0%	6.3%	3.0%	11.0%	-1.0%	5.6%	7.8%	0.2%	10.2%	3.1%
Total Equity Composite	-11.8%	-11.8%	40.8%	-1.7%	3.5%	11.6%	23.5%	-5.5%	3.4%	21.4%	18.0%
MSCI ACWI	-15.8%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%	16.6%
InvMetrics Public DB Total Eq Net Rank			51	95	86	48	2	84	46	88	85
US Equity Composite	-17.5%	-17.5%	44.5%	4.4%	8.0%	15.1%	23.4%	-2.0%	8.2%	22.3%	18.1%
Russell 3000	-13.9%	-13.9%	44.2%	6.5%	9.0%	14.8%	18.5%	2.1%	7.3%	25.2%	21.5%
InvMetrics Public DB US Eq Net Rank			46	28	53	28	2	75	12	93	96
Total Large Cap Composite	-17.1%	-17.1%	43.0%	7.3%	9.6%	16.1%	23.0%	0.1%	8.8%	21.7%	19.3%
Russell 1000	-13.0%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%	21.2%
Large Cap Equity Composite	-20.9%	-20.9%	48.0%	9.9%	10.9%	18.2%	23.0%	0.1%	8.8%	21.7%	19.3%
Russell 1000	-13.0%	-13.0%	43.1%	7.5%	10.0%	14.5%	18.0%	2.9%	7.4%	25.4%	21.2%
Small/Mid Cap Composite	-19.4%	-19.4%	53.3%	-8.3%	0.8%	10.4%	24.8%	-7.9%	5.9%	24.7%	22.4%
Russell 2500	-21.0%	-21.0%	57.8%	-4.7%	1.8%	16.2%	19.8%	-3.7%	5.9%	25.6%	25.6%



Fiscal Year Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

Fiscal Year (July 1)

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	Fiscal YTD	Fiscal 2022	Fiscal 2021	Fiscal 2020	Fiscal 2019	Fiscal 2018	Fiscal 2017	Fiscal 2016	Fiscal 2015	Fiscal 2014	Fiscal 2013
International Equity Composite	-14.4%	-14.4%	34.5%	-10.1%	-3.0%	6.9%	25.4%	-9.4%	-1.6%	20.6%	18.6%
International Equity Policy Index	-19.4%	-19.4%	35.7%	-4.8%	1.3%	7.3%	20.5%	-10.2%	-5.3%	21.8%	13.6%
InvMetrics Public DB Dev Mkt ex- US Eq Net Rank		-	70	99	95	41	4	34	26	68	46
Emerging Markets Composite	-22.5%	-22.5%	44.8%	-5.8%	-2.1%	4.6%	28.1%	-13.5%	-5.8%	13.8%	7.1%
MSCI Emerging Markets	-25.3%	-25.3%	40.9%	-3.4%	1.2%	8.2%	23.7%	-12.1%	-5.1%	14.3%	2.9%
InvMetrics Public DB Emg Mkt Eq Net Rank			49	52	95	56	2	97	41	55	28
Global Equity Composite	-9.1%	-9.1%	22.5%								
S&P Global Low Volatility Index	-0.6%	-0.6%	21.0%								
MSCI ACWI	-15.8%	-15.8%	39.3%	2.1%	5.7%	10.7%	18.8%	-3.7%	0.7%	22.9%	16.6%
InvMetrics Public DB Glbl Eq Net Rank			97								-
Private Equity Composite	12.0%	12.0%	44.3%	7.4%	11.1%	15.8%	10.8%	5.3%	13.4%	17.7%	9.0%
Cambridge Associates All PE	10.8%	10.8%	62.3%	8.8%	13.2%	19.3%	16.4%	4.6%	12.4%	24.1%	13.8%
InvMetrics Public DB Private Eq Net Rank			58	12	52	42	59	32	30	35	50
Real Assets Composite	20.2%	20.2%	8.0%	-5.4%	1.9%	3.3%	7.5%	1.4%	1.0%	20.8%	19.0%
Real Assets Policy Index	21.5%	21.5%	23.1%	-14.4%	3.3%	8.0%	5.3%	0.6%	-1.7%	19.0%	17.0%
InvMetrics Public DB Real Assets/Commodities Net Rank			83	58	67	78	22	33	33	1	1
Core Real Estate Composite	30.0%	30.0%	7.2%	2.6%	6.6%	7.6%	7.8%	11.4%	14.4%	12.5%	12.4%
NFI-ODCE	28.4%	28.4%	7.1%	1.3%	5.5%	7.5%	6.9%	10.8%	13.4%	11.7%	11.1%
InvMetrics Public DB Real Estate Priv Net Rank			59	22	50	54	48	21	11	22	37
Non-Core Real Estate							-	-			
					2 40/	-1.5%	6.9%	-12.9%	-		
Energy/Natural Resources Composite	1.1%	1.1%	18.5%	-31.9%	-3.4%	-1.3/0	0.070	,			
S&P MLP Index	1.1% 9.0%	1.1% 9.0%	18.5% 62.2%	-31.9% -40.2%	3.2%	-1.8%	3.2%	-18.9%	-16.5%	24.9%	29.5%
									-16.5% 	24.9%	29.5%
S&P MLP Index InvMetrics Public DB Real	9.0%	9.0%	62.2%	-40.2%	3.2%	-1.8%	3.2%	-18.9%	-16.5% -9.2%	24.9% 3.4%	29.5%

Annualized Performance (Net of Fees)

Market Value: \$645.1 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	-4.0%	-8.8%	-11.8%	-7.6%	-7.6%	5.2%	5.5%	7.2%	6.4%	Aug-00
Total Fund Policy Index	-3.9%	-7.6%	-10.5%	-6.2%	-6.2%	6.0%	6.3%	7.5%	5.6%	Aug-00
Total Fund Allocation Index	-4.8%	-8.6%	-11.2%	-7.0%	-7.0%	5.4%	5.7%	6.9%	5.9%	Aug-00
Total Fixed Income Composite	-2.9%	-8.4%	-15.0%	-14.5%	-14.5%	-0.5%	1.6%	2.4%	5.3%	Aug-00
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	4.1%	Aug-00
Traditional Fixed Income Composite	-2.4%	-8.1%	-14.9%	-13.7%	-13.7%	0.1%	2.0%	-	2.6%	Nov-14
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.4%	Nov-14
Core Fixed Income Composite	-1.5%	-4.8%	-10.5%	-10.7%	-10.7%	-0.4%	1.3%		2.3%	Sep-13
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	1.9%	Sep-13
IR+M Core Fixed	-1.5%	-4.8%	-10.5%	-10.7%	-10.7%	-0.4%	1.2%	2.0%	2.5%	Jul-11
Bloomberg US Aggregate TR	-1.6%	-4.7%	-10.3%	-10.3%	-10.3%	-0.9%	0.9%	1.5%	2.1%	Jul-11
Long Fixed Income Composite	-3.4%	-13.2%	-22.4%	-20.4%	-20.4%	-1.1%	1.8%	3.8%	7.5%	Sep-91
Bloomberg US Govt/Credit Long TR	-3.0%	-12.3%	-21.9%	-20.1%	-20.1%	-2.3%	1.0%	2.6%	6.7%	Sep-91
Schroders (STW) Fixed Income	-3.4%	-13.2%	-22.4%	-20.4%	-20.4%	-1.1%	1.8%	3.8%	7.5%	Sep-91
Bloomberg US Govt/Credit Long TR	-3.0%	-12.3%	-21.9%	-20.1%	-20.1%	-2.3%	1.0%	2.6%	6.7%	Sep-91
TIPS Composite	-2.4%	-3.6%	-5.0%	-2.0%	-2.0%	3.4%	3.2%	1.8%	2.6%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	-2.5%	-3.4%	-5.1%	-2.0%	-2.0%	3.4%	3.2%	1.7%	2.6%	Jul-10
IR+M TIPS	-2.4%	-3.6%	-5.0%	-2.0%	-2.0%	3.4%	3.2%	1.7%	2.6%	Jul-10
Bloomberg US TIPS 1-10 Yr TR	-2.5%	-3.4%	-5.1%	-2.0%	-2.0%	3.4%	3.2%	1.7%	2.6%	Jul-10
Emerging Debt Composite	-5.9%	-9.7%	-15.7%	-19.1%	-19.1%	-3.8%	-0.4%		-0.8%	Nov-13
50% JPM GBI EM / 50% JPM EMBI	-4.1%	-8.5%	-14.1%	-15.4%	-15.4%	-3.7%	-0.7%	0.9%	0.7%	Nov-13
Bloomberg Emerging Markets TR	-4.6%	-8.7%	-17.1%	-18.0%	-18.0%	-3.5%	-0.3%	2.5%	2.3%	Nov-13
Ninety One EMD Blend	-5.9%	-9.7%	-15.7%	-19.1%	-19.1%	-3.8%			-0.4%	Nov-18
50% JPM GBI EM / 50% JPM EMBI	-4.1%	-8.5%	-14.1%	-15.4%	-15.4%	-3.7%	-0.7%	0.9%	-0.1%	Nov-18
Bloomberg Emerging Markets TR	-4.6%	-8.7%	-17.1%	-18.0%	-18.0%	-3.5%	-0.3%	2.5%	-0.1%	Nov-18



Annualized Performance (Net of Fees)

Market Value: \$645.1 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	-6.6%	-12.7%	-16.1%	-11.8%	-11.8%	6.9%	7.1%	9.3%	8.8%	Oct-91
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	7.1%	Oct-91
US Equity Composite	-8.2%	-17.3%	-23.1%	-17.5%	-17.5%	7.6%	9.1%	11.3%	7.3%	Apr-00
Russell 3000	-8.4%	-16.7%	-21.1%	-13.9%	-13.9%	9.8%	10.6%	12.6%	6.4%	Apr-00
Total Large Cap Composite	-7.9%	-17.6%	-23.7%	-17.1%	-17.1%	8.3%	10.1%	12.1%	9.0%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	Mar-08
Developatio Defensive Family	4 70/				4.40/				7.00/	A 17
Parametric Defensive Equity S&P 500	-4.7% -8.3%	-8.7% -16.1%	-10.2% -20.0%	-4.1% -10.6%	-4.1% -10.6%	5.6% 10.6%	 11.3%	13.0%	7.0% 11.2%	Aug-17 Aug-17
CBOE Put Write Index	-0.5% -3.1%	-10.1% -8.8%	-20.0% -7.3%	1.0%	1.0%	6.6%	5.1%	6.7%	5.1%	Aug-17 Aug-17
Large Cap Equity Composite	-8.9%	-20.4%	-27.5%	-20.9%	-20.9%	8.7%	11.0%	12.6%	9.3%	Mar-08
Russell 1000	-8.4%	-16.7%	-20.9%	-13.0%	-13.0%	10.2%	11.0%	12.8%	9.7%	Mar-08
Eagle Capital Management	-9.9%	-19.9%	-27.0%	-23.1%	-23.1%	4.7%	7.7%	11.6%	11.8%	Sep-10
Russell 1000 Value	-8.7%	-12.2%	-12.9%	-6.8%	-6.8%	6.9%	7.2%	10.5%	10.6%	Sep-10
NT Russell 1000 Growth Index										
Fund	-7.9%	-20.9%	-28.0%	-18.8%	-18.8%	12.5%	14.2%		12.9%	May-15
Russell 1000 Growth	-7.9%	-20.9%	-28.1%	-18.8%	-18.8%	12.6%	14.3%	14.8%	13.0%	May-15
Small/Mid Cap Composite	-9.5%	-16.4%	-20.5%	-19.4%	-19.4%	4.3%	4.8%	8.9%	6.4%	Sep-07
Russell 2500	-9.6%	-17.0%	-21.8%	-21.0%	-21.0%	5.9%	7.0%	10.5%	7.6%	Sep-07
Pinnacle Associates Small Mid Cap	-9.3%	-20.8%	-25.4%	-26.4%	-26.4%	8.4%	8.0%	11.5%	8.3%	Sep-07
Russell 2500 Growth	-6.9%	-19.6%	-29.4%	-31.8%	-31.8%	3.7%	7.5%	10.9%	8.1%	Sep-07
William Blair Small Cap Value	-9.6%	-11.6%	-15.1%	-11.2%	-11.2%	0.8%	1.9%		5.5%	May-13
Russell 2000 Value	-9.9%	-15.3%	-17.3%	-16.3%	-16.3%	6.2%	4.9%	9.1%	7.3%	May-13
International Equity Composite	-7.9%	-12.8%	-14.3%	-14.4%	-14.4%	1.2%	1.4%	5.6%	5.1%	Apr-00
International Equity Policy Index	-8.6%	-13.7%	-18.4%	-19.4%	-19.4%	1.4%	2.5%	4.8%	2.8%	Apr-00
Silchester International Value	-6.8%	-11.1%	-11.0%	-12.0%	-12.0%	2.0%	2.0%	7.3%	8.8%	Nov-01
MSCI EAFE Value	-10.0%	-12.4%	-12.1%	-11.9%	-11.9%	0.2%	0.5%	4.2%	4.6%	Nov-01
Emerging Markets Composite	-11.9%	-16.3%	-17.8%	-22.5%	-22.5%	1.9%	1.6%	3.3%	4.2%	Jan-10
MSCI Emerging Markets	-6.6%	-10.3%	-17.6%	-25.3%	-25.3%	0.6%	2.2%	3.1%	3.0%	Jan-10 Jan-10
				-20.070	-20.070	0.070				
Acadian Emerging Markets	-11.9%	-16.3%	-17.8%	-22.5%	-22.5%	1.9%	1.4%	3.2%	4.0%	Jan-10
MSCI Emerging Markets	-6.6%	-11.4%	-17.6%	-25.3%	-25.3%	0.6%	2.2%	3.1%	3.0%	Jan-10
Global Equity Composite	-5.9%	-12.4%	-17.6%	-9.1%	-9.1%	-		-	-2.1%	Oct-19
S&P Global Low Volatility Index	-5.9%	-8.8%	-7.9%	-0.6%	-0.6%				1.8%	Oct-19
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	5.9%	Oct-19
NT Quality Low Volatility	-5.9%	-12.4%	-17.6%	-9.1%	-9.1%				0.2%	Dec-20
S&P Global Low Volatility Index	-5.9%	-8.8%	-7.9%	-0.6%	-0.6%				4.9%	Dec-20

Annualized Performance (Net of Fees)

Market Value: \$645.1 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%	-0.6%	0.2%	12.0%	12.0%	20.2%	17.4%	14.3%	-3.1%	May-09
Cambridge Associates All PE	0.0%	0.0%	0.0%	10.8%	10.8%	25.1%	21.5%	17.7%	17.3%	<i>May-09</i>
Partners Group II	0.0%	-1.7%	-0.4%	6.7%	6.7%				14.1%	Sep-20
MSCI ACWI	-8.4%	-15.7%	-20.2%	-15.8%	-15.8%	6.2%	7.0%	8.8%	4.8%	Sep-20
Cambridge Associates All PE	0.0%	0.0%	0.0%	10.8%	10.8%	25.1%	21.5%	17.7%	31.2%	Sep-20
Real Assets Composite	2.0%	2.8%	7.8%	20.2%	20.2%	7.1%	5.3%	7.4%	6.1%	Apr-04
Real Assets Policy Index	-0.7%	1.6%	7.9%	21.5%	21.5%	8.6%	7.4%	7.6%	6.6%	Apr-04
Core Real Estate Composite	3.3%	4.7%	11.7%	30.0%	30.0%	12.6%	10.4%	11.0%	8.0%	Mar-04
NFI-ODCE	1.5%	4.6%	12.0%	28.4%	28.4%	11.7%	9.6%	10.2%	7.8%	Mar-04
Principal Global Investors	0.3%	3.0%	10.5%	27.7%	27.7%	11.9%	10.1%	10.9%	7.7%	Mar-05
NFI-ODCE	1.5%	4.6%	12.0%	28.4%	28.4%	11.7%	9.6%	10.2%	7.5%	Mar-05
RREEF America II	6.2%	6.2%	12.7%	32.1%	32.1%	13.3%	10.8%	11.2%	8.1%	Mar-04
NFI-ODCE	1.5%	4.6%	12.0%	28.4%	28.4%	11.7%	9.6%	10.2%	7.8%	Mar-04
Non-Core Real Estate	-	-	-	-	-	-	-	-	-	Apr-19
Energy/Natural Resources Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-6.6%	-4.9%		-5.2%	Jun-15
S&P MLP Index	-13.6%	-6.7%	12.5%	9.0%	9.0%	1.9%	1.4%	1.9%	-2.7%	Jun-15
Private Real Assets Composite	0.0%	0.0%	3.9%	1.1%	1.1%	-3.8%	-6.1%	-3.0%	0.5%	Dec-10
Global Infrastructure Composite	-0.5%	-0.6%	1.3%	7.1%	7.1%	-		-	6.5%	May-21
DWS RREEF Global Infrastructure	-7.1%	-7.5%	-4.9%	2.4%	2.4%	-	-		2.1%	May-21
Dow Jones Brookfield Global Infrastructure Index	-7.4%	-7.1%	-4.1%	2.1%	2.1%	4.4%	5.6%	7.6%	2.4%	May-21
ULLICO Infrastructure	0.0%	0.0%	2.1%						7.8%	Jul-21
CPI +4%	1.7%	4.1%	8.4%	13.4%	13.4%	9.2%	8.0%	6.7%	12.5%	Jul-21
IFM Global Infrastructure	2.5%	2.5%	3.8%			-			7.3%	Nov-21
CPI +4%	1.7%	4.1%	8.4%	13.4%	13.4%	9.2%	8.0%	6.7%	9.1%	Nov-21

Calendar Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Fund Composite	13.4%	11.1%	16.7%	-5.9%	15.7%	8.2%	-1.7%	6.0%	16.5%	13.1%
Total Fund Policy Index	12.3%	12.5%	16.4%	-3.2%	14.2%	7.0%	1.3%	6.0%	14.9%	13.2%
Total Fund Allocation Index	12.8%	11.0%	17.7%	-6.1%	14.9%	9.0%	-3.6%	5.1%	16.1%	12.6%
InvMetrics Public DB Net Rank	56	74	85	89	29	24	78	37	32	21
Total Fixed Income Composite	-1.2%	13.4%	13.7%	-2.4%	7.3%	6.8%	-3.5%	6.1%	-2.0%	9.4%
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
InvMetrics Public DB Total Fix Inc Net Rank	63	2	1	98	13	17	94	6	69	30
Traditional Fixed Income Composite	-0.6%	14.4%	13.6%	-2.0%	6.6%	7.1%	-1.7%	-		
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
InvMetrics Public DB US Fix Inc Net Rank	17	1	1	99	5	16	83			
Core Fixed Income Composite	-1.3%	9.3%	8.9%	0.2%	3.7%	3.6%	0.1%	6.8%		
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
IR+M Core Fixed	-1.3%	9.3%	8.9%	-0.1%	3.8%	3.5%	0.1%	6.8%	-1.7%	7.1%
Bloomberg US Aggregate TR	-1.5%	7.5%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%
eV US Core Fixed Inc Net Rank	40	18	51	44	52	32	79	12	48	23
Long Fixed Income Composite	-1.7%	20.9%	19.3%	-4.6%	10.1%	7.6%	-3.7%	20.5%	-6.0%	14.7%
Bloomberg US Govt/Credit Long TR	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%	8.8%
Schroders (STW) Fixed Income	-1.7%	20.9%	19.3%	-4.8%	10.3%	7.5%	-3.7%	20.6%	-6.0%	14.8%
Bloomberg US Govt/Credit Long TR	-2.5%	16.1%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%	8.8%
eV US Long Duration - Gov/Cred Fixed Inc Net Rank	20	3	77	36	77	39	60	9	12	2
TIPS Composite	5.7%	8.4%	6.9%	-0.4%	1.8%	4.0%	-0.5%	0.8%	-5.2%	4.9%
Bloomberg US TIPS 1-10 Yr TR	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
IR+M TIPS	5.7%	8.4%	6.9%	-0.4%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
Bloomberg US TIPS 1-10 Yr TR	5.7%	8.4%	6.9%	-0.3%	1.9%	4.0%	-0.5%	0.9%	-5.6%	5.0%
eV US TIPS / Inflation Fixed Inc Net Rank	56	80	72	12	85	73	1	79	4	87
Emerging Debt Composite	-4.6%	6.2%	14.7%	-3.4%	12.5%	8.6%	-13.5%	-6.3%		
50% JPM GBI EM / 50% JPM EMBI	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%	-6.0%	19.4%
Bloomberg Emerging Markets TR	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%	-4.1%	17.9%
Ninety One EMD Blend	-4.6%	6.2%	14.7%							
50% JPM GBI EM / 50% JPM EMBI	-2.1%	2.3%	13.9%	-4.5%	12.3%	11.0%	-8.8%	-0.4%	-6.0%	19.4%
Bloomberg Emerging Markets TR	-1.7%	6.5%	13.1%	-2.5%	8.2%	9.9%	1.3%	4.8%	-4.1%	17.9%
eV Emg Mkts Fixed Inc - Blended Currency Net Rank	54	49	40							

Calendar Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Equity Composite	20.8%	11.7%	22.5%	-9.1%	26.3%	8.8%	-0.2%	3.0%	24.2%	16.3%
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
InvMetrics Public DB Total Eq Net Rank	33	98	99	65	8	57	15	84	86	57
US Equity Composite	23.7%	19.6%	29.6%	-5.2%	23.1%	10.0%	2.3%	8.3%	31.3%	14.5%
Russell 3000	25.7%	20.9%	31.0%	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%
InvMetrics Public DB US Eq Net Rank	83	24	63	31	7	87	1	86	96	83
Total Large Cap Composite	25.4%	21.3%	29.7%	-3.3%	24.9%	9.1%	4.0%	8.8%	33.0%	15.1%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Parametric Defensive Equity	17.7%	4.6%	16.3%	3.6%						
S&P 500	28.7%	18.4%	31.5%	-4.4%	21.8%	12.0%	1.4%	13.7%	32.4%	16.0%
CBOE Put Write Index	21.8%	2.1%	13.5%	-5.9%	10.8%	7.8%	6.4%	6.3%	12.3%	8.1%
Large Cap Equity Composite	27.4%	26.1%	33.9%	-3.6%	26.2%	9.1%	4.0%	8.8%	33.0%	15.1%
Russell 1000	26.5%	21.0%	31.4%	-4.8%	21.7%	12.1%	0.9%	13.2%	33.1%	16.4%
Eagle Capital Management	27.0%	13.9%	31.6%	-5.6%	23.0%	10.5%	2.1%	12.6%	36.0%	17.1%
Russell 1000 Value	25.2%	2.8%	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%	32.5%	17.5%
eV US Large Cap Value Equity Net Rank	48	11	13	23	6	75	6	35	33	29
NT Russell 1000 Growth Index Fund	27.5%	38.2%	36.3%	-1.6%	30.1%	7.2%				
Russell 1000 Growth	27.6%	38.5%	36.4%	-1.5%	30.2%	7.1%	5.7%	13.0%	33.5%	15.3%
eV US Large Cap Growth Equity Net Rank	25	34	28	53	41	19				
Small/Mid Cap Composite	17.1%	11.6%	29.1%	-13.3%	16.3%	13.8%	-2.6%	6.5%	34.8%	17.7%
Russell 2500	18.2%	20.0%	27.8%	-10.0%	16.8%	17.6%	-2.9%	7.1%	36.8%	17.9%
Pinnacle Associates Small Mid Cap	12.1%	31.3%	39.9%	-11.5%	25.2%	4.0%	-0.5%	7.7%	37.5%	24.3%
Russell 2500 Growth	5.0%	40.5%	32.7%	-7.5%	24.5%	9.7%	-0.2%	7.1%	40.6%	16.1%
eV US Small-Mid Cap Growth Equity Net Rank	54	70	4	90	47	84	40	26	71	1
William Blair Small Cap Value	23.1%	-5.4%	21.0%	-15.5%	8.1%	25.6%	-5.2%	5.1%		
Russell 2000 Value	28.3%	4.6%	22.4%	-12.9%	7.8%	31.7%	-7.5%	4.2%	34.5%	18.0%
eV US Small Cap Value Equity Net Rank	82	97	73	56	67	54	56	50		



Calendar Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
International Equity Composite	12.7%	1.2%	16.3%	-16.4%	31.1%	8.0%	-3.7%	-2.4%	17.9%	18.5%
International Equity Policy Index	7.8%	10.7%	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%
InvMetrics Public DB Dev Mkt ex-US Eq Net Rank	10	99	99	91	13	7	61	15	83	38
Silchester International Value	11.7%	-0.6%	17.2%	-14.4%	27.2%	7.4%	1.6%	-1.6%	29.1%	16.4%
MSCI EAFE Value	10.9%	-2.6%	16.1%	-14.8%	21.4%	5.0%	-5.7%	-5.4%	23.0%	17.7%
eV EAFE Large Cap Value Net Rank	52	82	98	30	22	17	19	1	11	74
Emerging Markets Composite	7.8%	11.6%	17.0%	-18.6%	38.4%	13.2%	-18.1%	1.5%	-2.2%	22.3%
MSCI Emerging Markets	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%
InvMetrics Public DB Emg Mkt Eq Net Rank	1	76	61	89	15	12	94	17	39	9
Acadian Emerging Markets	7.8%	11.6%	17.0%	-19.0%	37.7%	13.0%	-18.1%	1.4%	-2.4%	22.5%
MSCI Emerging Markets	-2.5%	18.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%
eV Emg Mkts Equity Net Rank	26	76	69	80	44	22	92	37	71	20
Global Equity Composite	21.6%	-7.0%		-				-		
S&P Global Low Volatility Index	16.7%	-3.7%								
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
InvMetrics Public DB Glbl Eq Net Rank	4	99						-		-
NT Quality Low Volatility	21.6%									
S&P Global Low Volatility Index	16.7%	-3.7%								
eV Global Low Volatility Equity Net Rank	4									
Private Equity Composite	33.5%	20.4%	16.8%	8.2%	14.0%	6.5%	15.1%	13.4%	16.3%	9.0%
Cambridge Associates All PE	37.7%	32.9%	17.7%	11.2%	21.0%	9.1%	9.9%	12.5%	21.8%	13.2%
InvMetrics Public DB Private Eq Net Rank	67	20	12	96	58	58	13	44	13	56
Partners Group II	20.9%									
MSCI ACWI	18.5%	16.3%	26.6%	-9.4%	24.0%	7.9%	-2.4%	4.2%	22.8%	16.1%
Cambridge Associates All PE	37.7%	32.9%	17.7%	11.2%	21.0%	9.1%	9.9%	12.5%	21.8%	13.2%

Calendar Performance (Net of Fees)

Market Value: \$645.1 Million and 100.0% of Fund

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Real Assets Composite	18.6%	-1.3%	4.2%	-2.6%	2.8%	10.0%	-2.8%	14.2%	20.2%	10.2%
Real Assets Policy Index	30.8%	-8.5%	7.6%	-0.9%	3.4%	16.0%	-7.5%	7.6%	19.2%	8.3%
InvMetrics Public DB Real Assets/Commodities Net Rank	34	64	78	61	79	47	35	6	1	19
Core Real Estate Composite	23.2%	0.9%	6.1%	7.6%	6.9%	7.8%	15.4%	12.3%	14.3%	10.6%
NFI-ODCE	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
InvMetrics Public DB Real Estate Priv Net Rank	19	31	34	55	55	56	5	49	15	49
Principal Global Investors	22.6%	0.6%	6.0%	8.0%	8.0%	9.0%	13.6%	12.7%	13.5%	11.6%
NFI-ODCE	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
RREEF America II	23.9%	1.1%	6.3%	7.4%	6.4%	8.1%	15.7%	12.0%	14.5%	10.1%
NFI-ODCE	21.1%	0.3%	4.4%	7.4%	6.7%	7.8%	14.0%	11.5%	12.9%	9.8%
Non-Core Real Estate										
Energy/Natural Resources Composite	11.3%	-15.5%	-6.1%	-13.7%	-1.7%	12.7%				
S&P MLP Index	42.0%	-28.8%	9.7%	-11.7%	-5.6%	21.9%	-35.1%	7.7%	29.7%	5.0%
InvMetrics Public DB Real Assets/Commodities Net Rank	83	89	99	96	95	42				
Private Real Assets Composite	11.3%	-15.5%	-11.0%	-15.9%	2.9%	4.6%	-23.5%	12.2%	7.2%	15.3%
Global Infrastructure Composite		-			-			-	-	
DWS RREEF Global Infrastructure										
Dow Jones Brookfield Global Infrastructure Index	19.9%	-7.0%	28.7%	-7.9%	15.8%	12.5%	-14.4%	16.3%	15.9%	16.0%
eV Infrastructure Net Rank										
ULLICO Infrastructure				-		-				
CPI +4%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%
eV Infrastructure Net Rank										
IFM Global Infrastructure			-	-		-				
CPI +4%	11.3%	5.4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%
eV Infrastructure Net Rank										



Private Equity Composite

Market Value: \$67.3 Million and 10.4% of Fund

Private Equity Investments Overview

Investments		Commi	tments	Contribu Distrib		Valua	ations		Perfor	manc	Э
Investment Name	Vintage Year	Commitment (\$)	Unfunded Commitment (\$)	Cumulative Contributions (\$)	Cumulative Distributions (\$)	Valuation (\$)	Total Value (\$)	DPI	TVPI	RVPI	IRR (%)
2009											
Adams Street Partnership Fund 2009 US Fund, L.P.	2009	2,000,000	164,000	1,836,000	3,223,987	1,489,427	4,713,414	1.8	2.6	0.8	16.5
Adams Street Partnership Fund 2009 Non US Emerging Markets Fund, L.P.	2009	400,000	32,600	367,400	352,069	372,039	724,108	1.0	2.0	1.0	9.7
Adams Street Partnership Fund 2009 Non US Developed Markets Fund, L.P.	2009	1,200,000	132,600	1,067,400	1,499,612	634,973	2,134,585	1.4	2.0	0.6	13.4
Adams Street 2009 Direct Fund, L.P.	2009	400,000	7,920	392,080	609,363	216,432	825,795	1.6	2.1	0.6	13.8
Total 2009		4,000,000	337,120	3,662,880	5,685,031	2,712,871	8,397,902	1.6	2.3	0.7	14.7
2010											
NB Crossroads 2010 Fund, L.P.	2010	5,000,000	1,475,000	3,525,000	3,523,542	951,042	4,474,584	1.0	1.3	0.3	4.2
Total 2010		5,000,000	1,475,000	3,525,000	3,523,542	951,042	4,474,584	1.0	1.3	0.3	4.2
2014											
Top Tier Venture Velocity Fund, L.P.	2014	5,000,000	34,377	4,966,139	5,842,543	3,688,393	9,530,936	1.2	1.9	0.7	16.4
Fort Washington Private Equity Opportunities Fund III, L.P.	2014	5,000,000	1,300,000	3,700,000	4,337,500	1,726,438	6,063,938	1.2	1.6	0.5	15.1
Total 2014		10,000,000	1,334,377	8,666,139	10,180,043	5,414,831	15,594,874	1.2	1.8	0.6	15.9
2015											
NB Crossroads Fund XXI, L.P.	2015	5,000,000	1,750,000	3,250,000	1,650,814	6,273,278	7,924,092	0.5	2.4	1.9	21.1
57 Stars Global Opportunity Fund 4, L.P.	2015	5,000,000	889,273	4,450,915	1,200,521	7,342,583	8,543,104	0.3	1.9	1.6	15.8
Total 2015		10,000,000	2,639,273	7,700,915	2,851,335	13,615,861	16,467,196	0.4	2.1	1.8	18.3
2016											
Fort Washington Private Equity Investors IX, L.P.	2016	6,000,000	1,830,000	4,170,000	810,000	7,280,286	8,090,286	0.2	1.9	1.7	22.0
Total 2016		6,000,000	1,830,000	4,170,000	810,000	7,280,286	8,090,286	0.2	1.9	1.7	22.0
2017											
Aberdeen U.S. Private Equity VII, L.P.	2017	6,000,000	719,986	5,280,014	4,857,643	6,848,581	11,706,224	0.9	2.2	1.3	37.0
Total 2017		6,000,000	719,986	5,280,014	4,857,643	6,848,581	11,706,224	0.9	2.2	1.3	37.0
2020											

Private Equity Composite

Market Value: \$67.3 Million and 10.4% of Fund

Investments		Comm	itments	Contribu Distrib		Valua	ations	l	Perfor	mance	Э
Investment Name	Vintage Year	Commitment (\$)	Unfunded Commitment (\$)	Cumulative Contributions (\$)	Cumulative Distributions (\$)	Valuation (\$)	Total Value (\$)	DPI	TVPI	RVPI	IRR (%)
Fort Washington Private Equity Investors X, L.P.	2020	9,000,000	5,220,000	3,780,000	0	5,544,834	5,544,834	0.0	1.5	1.5	
Adams Street US SMB Fund II, L.P.	2020	6,000,000	5,340,000	660,000	0	861,521	861,521	0.0	1.3	1.3	
Total 2020		15,000,000	10,560,000	4,440,000	0	6,406,355	6,406,355	0.0	1.4	1.4	34.3
2021											
Top Tier Venture Velocity Fund 4, L.P.	2021	5,000,000	3,821,793	1,178,207	0	1,178,207	1,178,207	0.0	1.0	1.0	
Total 2021		5,000,000	3,821,793	1,178,207	0	1,178,207	1,178,207	0.0	1.0	1.0	0.0
2022											
Adams Street Co-Investment V, L.P.	2022	5,000,000	4,750,000	250,000	0	250,000	250,000	0.0	1.0	1.0	
Total 2022		5,000,000	4,750,000	250,000	0	250,000	250,000	0.0	1.0	1.0	0.0
Total		66,000,000	27,467,549	38,873,155	27,907,594	44,658,034	72,565,627	0.7	1.9	1.1	16.2

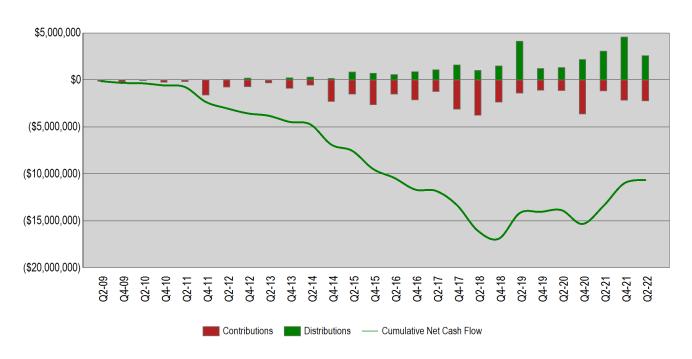
Private Equity Composite

Market Value: \$67.3 Million and 10.4% of Fund

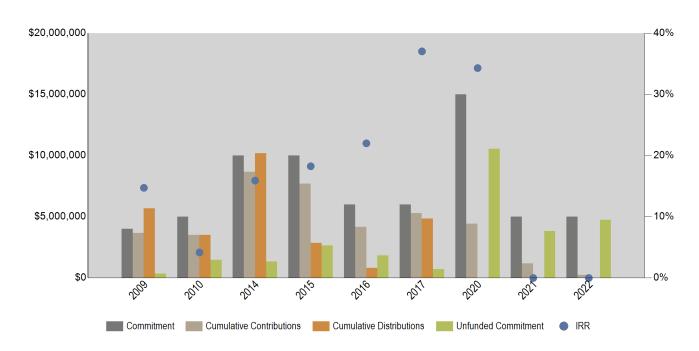
Private Equity Investments Overview

Investments		. ,	Trailing Retur	rns	Public I	Market Equ	ivalents	
Investment Name	Vintage Year	IRR (1 Yr) (%)	IRR (3 Yrs) (%)	IRR (5 Yrs) (%)	IRR (%)	Long Nickels (%)	Kaplan Schoar	Primary PME Benchmark
2009								
Adams Street Partnership Fund 2009 US Fund, L.P.	2009	12.0	31.4	23.7	16.5	13.8	1.2	S&P 500
Adams Street Partnership Fund 2009 Non US Emerging Markets Fund, L.P.	2009	-8.5	11.4	10.7	9.7	4.0	1.5	MSCI Emerging Markets
Adams Street Partnership Fund 2009 Non US Developed Markets Fund, L.P.	2009	-1.2	19.9	19.2	13.4	6.1	1.5	MSCI EAFE
Adams Street 2009 Direct Fund, L.P.	2009	-6.1	8.8	12.0	13.8	14.2	1.0	S&P 500
Total 2009		4.1	23.8	19.9	14.7	11.3	1.2	
2010								
NB Crossroads 2010 Fund, L.P.	2010	-15.8	-5.4	-6.4	4.2	13.3	0.6	S&P 500
Total 2010		-15.8	-5.4	-6.4	4.2	13.3	0.6	
2014								
Top Tier Venture Velocity Fund, L.P.	2014	16.8	27.4	19.9	16.4	11.8	1.2	S&P 500
Fort Washington Private Equity Opportunities Fund III, L.P.	2014	7.9	-3.2	10.0	15.1	11.9	1.1	S&P 500
Total 2014		13.6	13.8	15.8	15.9	11.8	1.2	
2015								
NB Crossroads Fund XXI, L.P.	2015	19.9	25.1	22.8	21.1	12.9	1.4	S&P 500
57 Stars Global Opportunity Fund 4, L.P.	2015	12.9	20.1	16.6	15.8	11.6	1.2	S&P 500
Total 2015		16.1	22.4	19.5	18.3	12.2	1.2	
2016								
Fort Washington Private Equity Investors IX, L.P.	2016	17.6	25.4	21.7	22.0	11.0	1.4	S&P 500
Total 2016		17.6	25.4	21.7	22.0	11.0	1.4	
2017								
Aberdeen U.S. Private Equity VII, L.P.	2017	32.3	39.3		37.0	13.8	1.7	S&P 500
Total 2017		32.3	39.3		37.0	13.8	1.7	
2020								
Fort Washington Private Equity Investors X, L.P.	2020							S&P 500
Adams Street US SMB Fund II, L.P.	2020							S&P 500
Total 2020		6.5			34.3	-2.1	1.4	
2021								
Top Tier Venture Velocity Fund 4, L.P.	2021							S&P 500
Total 2021					0.0	-28.8	1.2	
2022								
Adams Street Co-Investment V, L.P.	2022							S&P 500
Total 2022					0.0	-8.0	1.1	
Total		15.0	22.9	19.1	16.2	11.8	1.2	

Private Equity Cash Flow Analysis As of June 30, 2022



Private Equity Investments as of June 30, 2022 By Vintage Year



Private Real Assets Composite

Market Value: \$5.2 Million and 0.8% of Fund

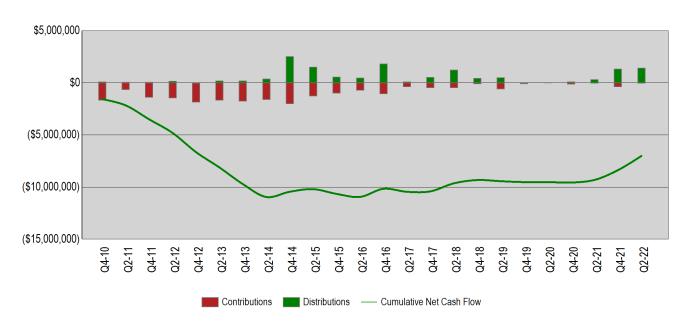
Private Real Assets Investments Overview

Investments		Comm	itments	Contribu Distrib	utions & utions	Valua	ations	I	Perfor	mance)
Investment Name	Vintage Year	Commitment (\$)	Unfunded Commitment (\$)	Cumulative Contributions (\$)	Cumulative Distributions (\$)	Valuation (\$)	Total Value (\$)	DPI	TVPI	RVPI	IRR (%)
2010											
Aether Real Assets I, L.P.	2010	11,000,000	89,868	12,776,032	9,292,964	2,064,419	11,357,383	0.7	0.9	0.2	-3.0
Total 2010		11,000,000	89,868	12,776,032	9,292,964	2,064,419	11,357,383	0.7	0.9	0.2	-3.0
2012											
Aether Real Assets II, L.P.	2012	7,500,000	747,897	7,680,890	4,138,633	3,096,979	7,235,612	0.5	0.9	0.4	-1.3
Total 2012		7,500,000	747,897	7,680,890	4,138,633	3,096,979	7,235,612	0.5	0.9	0.4	-1.3
Total		18,500,000	837,765	20,456,922	13,431,597	5,161,398	18,592,995	0.7	0.9	0.3	-2.2

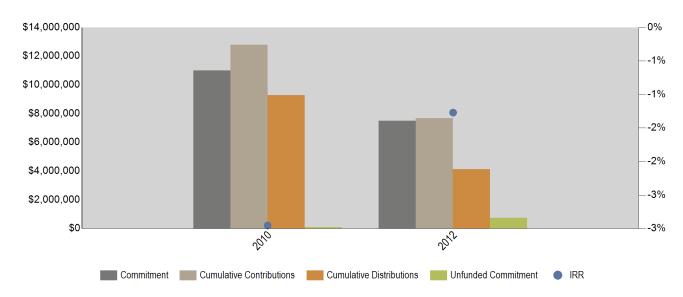
Private Real Assets Investments Overview

Investments	Trailing Returns			Public	Market Equ			
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	-1.2	-4.5	-7.7	-3.0	3.0	0.8	S&P 500 Energy
Total 2010		-1.2	-4.5	-7.7	-3.0	3.0	0.8	
2012								
Aether Real Assets II, L.P.	2012	1.3	-5.1	-6.1	-1.3	2.5	0.8	S&P 500 Energy
Total 2012		1.3	-5.1	-6.1	-1.3	2.5	0.8	
Total		0.2	-4.8	-6.9	-2.2	2.8	0.8	

Private Real Assets Cash Flow Analysis As of June 30, 2022



Private Real Assets Investments as of June 30, 2022 By Vintage Year



Fee Schedule

Market Value: \$645.1 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% \$163,069	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% \$179,806	0.28%
TIPS	IR+M TIPS	0.05% on the Balance	0.05% \$11,193	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% \$139,177	0.65%
Defensive Equity	Parametric Defensive Equity	0.325% on the first \$50 million 0.30% on the next \$50 million	0.32% \$101,331	0.75%
Large-Cap Value	Eagle Capital Management	1.00% on the first \$5 million 0.75% on the Balance	0.78% \$347,004	0.60%
Large-Cap Growth	NT Russell 1000 Growth Index Fund	0.04% on the Balance	0.04% \$17,023	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% \$149,729	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% \$132,088	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	0.75% \$515,353	0.62%
Emerging Markets	Acadian Emerging Markets	0.75% on the Balance	0.75% \$223,068	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% \$92,526	0.45%
Global Divers. Private Equity FoF	Neuberger Berman Crossroads IXX (2010)	0.80% on Committed Capital	4.21% \$40,000	3.15%
Global Divers. Private Equity FoF	Neuberger Berman Crossroads XXI	0.50% on Committed Capital	0.40% \$25,000	0.80%
Secondary Private Equity FoF	Fort Washington Private Equity Fund III	0.75% on Committed Capital	2.17% \$37,500	2.90%
Global Divers. Private Equity FoF	Fort Washington Private Equity Fund IX	0.42% on Committed Capital	0.35% \$25,200	0.82%

Fee Schedule Cont.

Market Value: \$645.1 Million and 100.0% of Fund

			aiket value. \$045. i Million and 100	
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	0.66% \$45,000	1.75%
Global Divers. Private Equity FoF	57 Stars Global Opportunity Fund	0.86% on Committed Capital	0.59% \$43,000	0.68%
Venture Private Equity FoF	Top Tier Venture Velocity Fund I	1.00% on Committed Capital	1.54% \$50,000	3.47%
Venture Private Equity FoF	Top Tier Venture Velocity Fund IV	1.00% on Committed Capital	4.24% \$50,000	9.55%
Global Divers. Private Equity FoF	Partners Group II	1.35% on the Balance	1.35% \$305,053	1.00%
Global Divers. Private Equity FoF	Fort Washington Private Equity Fund X	0.51% on Committed Capital	0.83% \$45,900	1.62%
Divers. Private Equity	Adams Street Direct 2009	1.40% on Committed Capital	2.59% \$5,600	1.11%
U.S. Divers. Private Equity	Adams Street US	0.70% on Committed Capital	0.94% \$14,000	0.81%
Non-U.S. Divers. Private Equity FoF	Adams Street Non-US Developed	0.70% on Committed Capital	1.32% \$8,400	1.13%
Non-U.S. Divers. Private Equity FoF	Adams Street Non-US Emerging	0.70% on Committed Capital	0.75% \$2,800	0.65%
U.S. Divers. Private Equity	Adams Street US SMB II	0.87% on Committed Capital	6.06% \$52,200	6.96%
Private Equity Co-Investment	Adams Street Co-Investment V	1.00% on Committed Capital	0.00% \$0	45.00%
Core Real Estate	Principal Global Investors	0.95% on the Balance	0.95% \$370,361	1.00%
Core Real Estate	RREEF America II	0.95% on the Balance	0.95% \$419,531	1.00%
Real Assets	Aether Real Assets I	1.40% on Committed Capital	5.33% \$110,000	3.20%
Real Assets	Aether Real Assets II	0.85% on Committed Capital	2.06% \$63,750	1.45%
Global Infrastructure	DWS RREEF Global Infrastructure	1.03% on the Balance	1.03% \$94,399	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% \$167,746	1.07%
Core Infrastructure	IFM Global Infrastructure	0.77% on the first \$300 million 0.65% on the Balance	0.77% \$164,888	1.07%
Total Investment Management Fees			0.65% \$4,211,694	0.70%

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



 $^{^{\}rm 2}$ Source: 2019 Marquette Associates Investment Management Fee Study.

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