



Cincinnati Retirement System

City of Cincinnati Retirement System Executive Summary

March 31, 2018

Manager Status

Market Value: \$2,292.1 Million and 100.0% of Fund

Investment Manager	Asset Class	Status	Reason
BlackRock Strategic Income Opps	Unconstrained Fixed Income	In Compliance	
Loomis Sayles Core-Plus	Core Plus Fixed Income	In Compliance	
Shenkman - Four Points	High Yield Fixed Income	In Compliance	
Northern Trust	U.S. Equity Index	In Compliance	
Vanguard Mid Cap Value	Mid-Cap Value	In Compliance	
Mondrian	Non-U.S. Large-Cap Value	In Compliance	
Harding Loevner	Non-U.S. Large-Cap Core	In Compliance	
DFA	Non-U.S. Small-Cap Value	In Compliance	
DFA Emerging Markets Core and Value	Emerging Markets	In Compliance	
DFA Emerging Markets Small Cap	EM Small-Cap	In Compliance	
Fintan Partners	Multi-Strat. Hedge FoF	In Compliance	
AQR Risk Parity	Risk Parity	In Compliance	
J.P. Morgan SPF	Core Real Estate	In Compliance	
Morgan Stanley P.P.	Core Real Estate	In Compliance	
PRISA III	Value-Added Real Estate	In Compliance	
Principal Enhanced	Value-Added Real Estate	In Compliance	
Mesirow/Courtland I	Non-U.S. Core Real Estate	In Compliance	
Alinda Fund II	Core Infrastructure	In Compliance	
Macquarie Fund II	Core Infrastructure	In Compliance	
J.P. Morgan Infrastructure	Core Infrastructure	In Compliance	
Blue Chip Fund IV	Venture Private Equity	In Compliance	
Fort Washington Fund V	Divers. Private Equity	In Compliance	
Fort Washington Fund VI	Divers. Private Equity	In Compliance	
Fort Washington Fund VIII	Divers. Private Equity	In Compliance	
Fort Washington Fund IX	Divers. Private Equity	In Compliance	
Fort Washington Opp Fund III	Secondary Private Equity FoF	In Compliance	
North Sky Fund III - LBO	LBO Private Equity	In Compliance	
North Sky Fund III - VC	Venture Private Equity	In Compliance	
North Sky Fund IV - LBO	LBO Private Equity	In Compliance	
North Sky Fund IV - VC	Venture Private Equity	In Compliance	
North Sky Fund V	Divers. Private Equity	In Compliance	
Portfolio Advisors IV - Special Sit	Mezz./Special Sit. Private Equity FoF	In Compliance	
Portfolio Advisors V - Special Sit	Mezz./Special Sit. Private Equity FoF	In Compliance	

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.



Market Value: \$2,292.1 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Total Fund Composite		2,292,081,916	-34,424,707	100.0	100.0	0
Fixed Income Composite		391,456,948	-6,112,604	17.1	17.0	1,803,022
Loomis Sayles Core-Plus	Core Plus Fixed Income	158,969,730	-112,604	6.9	7.0	-1,476,004
BlackRock Strategic Income Opps	Unconstrained Fixed Income	161,719,037	0	7.1	7.0	1,273,303
Shenkman - Four Points	High Yield Fixed Income	70,768,180	-6,000,000	3.1	3.0	2,005,723
PIMCO	Core Fixed Income	0	0	0.0	0.0	0
U.S. Equity Composite		655,123,255	-31,360,456	28.6	27.5	24,800,729
NTGI Russell 1000 Value	Large-Cap Value	160,822,498	-4,010,594	7.0	7.0	376,764
NTGI Russell 1000 Growth	Large-Cap Growth	116,108,441	-11,007,810	5.1	5.0	1,504,346
NTGI S&P 400	Mid-Cap Core	94,860,348	-3,006,162	4.1	4.0	3,177,071
Vanguard Mid Cap Value	Mid-Cap Value	95,092,068	100,000,000	4.1		
NTGI Russell 2000 Value	Small-Cap Value	177,445,508	-11,385	7.7	5.3	57,111,207
Clifton Group	Cash Overlay	10,792,808	-10,454,433	0.5		
Non-U.S. Equity Composite		545,436,583	-6,123,126	23.8	23.0	18,257,742
Mondrian	Non-U.S. Large-Cap Value	116,492,175	-120,227	5.1	5.0	1,888,079
Harding Loevner	Non-U.S. Large-Cap Core	121,500,207	-147,774	5.3	5.0	6,896,112
DFA	Non-U.S. Small-Cap Value	118,012,610	0	5.1	5.0	3,408,514
DFA Emerging Markets Small Cap	EM Small-Cap	75,322,681	0	3.3	3.0	6,560,223
DFA Emerging Markets Core	Emerging Markets	56,915,212	58,000,000	2.5		
DFA Emerging Markets Value	Emerging Markets	57,193,698	58,000,000	2.5		
Hedge Fund Composite		4,121,184	0	0.2	0.0	4,121,184
Fintan Partners	Multi-Strat. Hedge FoF	4,121,184	0	0.2	0.0	4,121,184
Risk Parity Composite		113,914,792	0	5.0	5.0	-689,304
AQR Risk Parity	Risk Parity	113,914,792	0	5.0	5.0	-689,304
Real Estate Composite		234,902,811	-5,914,063	10.2	10.0	5,694,620
J.P. Morgan SPF	Core Real Estate	72,166,219	-171,773	3.1	2.5	14,864,171
Morgan Stanley P.P.	Core Real Estate	69,452,177	-850,497	3.0	2.5	12,150,129
PRISA III	Value-Added Real Estate	39,567,457	-379,671	1.7	2.5	-17,734,591
Principal Enhanced	Value-Added Real Estate	45,687,209	-1,512,122	2.0	2.5	-11,614,839
Mesirow/Courtland I	Non-U.S. Core Real Estate	8,029,750	-3,000,000	0.4	0.0	8,029,750
Infrastructure Composite		171,188,327	49,910,186	7.5	7.5	-717,816
Alinda Fund II	Core Infrastructure	44,860,900	-89,814	2.0	2.5	-12,441,148

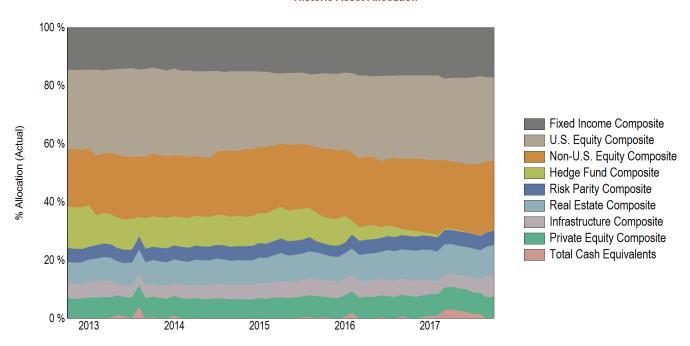
Market Value: \$2,292.1 Million and 100.0% of Fund

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	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Macquarie Fund II	Core Infrastructure	57,665,185	0	2.5	2.5	363,138
J.P. Morgan Infrastructure	Core Infrastructure	15,000,000	0	0.7	2.5	-42,302,048
IFM Global Infrastructure (U.S)	Global Infrastructure	53,662,242	50,000,000	2.3		
Private Equity Composite		163,852,637	-8,593,587	7.1	10.0	-65,355,554
Private Equity w/o Blue Chip		161,476,224	-8,593,587	7.0		161,476,224
Fort Washington Fund V	Divers. Private Equity	19,126,047	-1,900,000	0.8		
Fort Washington Fund VI	Divers. Private Equity	17,149,168	-1,650,000	0.7		
Fort Washington Fund VIII	Divers. Private Equity	32,958,571	-2,874,999	1.4		
Fort Washington Fund IX	Divers. Private Equity	9,674,322	0	0.4		
Fort Washington Opp Fund III	Secondary Private Equity FoF	22,931,062	450,000	1.0		
North Sky Fund III - LBO	LBO Private Equity	9,374,957	-662,984	0.4		
North Sky Fund III - VC	Venture Private Equity	3,535,799	-771,428	0.2		
North Sky Fund IV - LBO	LBO Private Equity	8,991,942	-1,098,774	0.4		
North Sky Fund IV - VC	Venture Private Equity	6,484,285	-1,577,773	0.3		
North Sky Fund V	Divers. Private Equity	23,642,671	2,400,000	1.0		
Portfolio Advisors IV - Special Sit	Mezz./Special Sit. Private Equity FoF	4,909,883	-587,635	0.2		
Portfolio Advisors V - Special Sit	Mezz./Special Sit. Private Equity FoF	2,697,517	-319,995	0.1		
Blue Chip Fund IV	Venture Private Equity	2,376,413	0	0.1		
Total Cash Equivalents		12,085,378	-26,231,057	0.5	-	12,085,378

Asset Allocation

Market Value: \$2,292.1 Million and 100.0% of Fund

Historic Asset Allocation

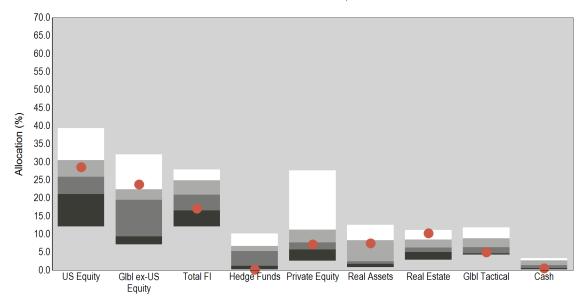


	Current	Policy	Difference	%
Fixed Income Composite	\$391,456,948	\$389,653,926	\$1,803,022	0.1%
U.S. Equity Composite	\$655,123,255	\$630,322,527	\$24,800,729	1.1%
Non-U.S. Equity Composite	\$545,436,583	\$527,178,841	\$18,257,742	0.8%
Hedge Fund Composite	\$4,121,184	\$0	\$4,121,184	0.2%
Risk Parity Composite	\$113,914,792	\$114,604,096	-\$689,304	0.0%
Real Estate Composite	\$234,902,811	\$229,208,192	\$5,694,620	0.2%
Infrastructure Composite	\$171,188,327	\$171,906,144	-\$717,816	0.0%
Private Equity Composite	\$163,852,637	\$229,208,192	-\$65,355,554	-2.9%
Total Cash Equivalents	\$12,085,378			

Asset Allocation

Market Value: \$2,292.1 Million and 100.0% of Fund

Total Plan Allocation vs. InvestorForce Public DB > \$1B Net



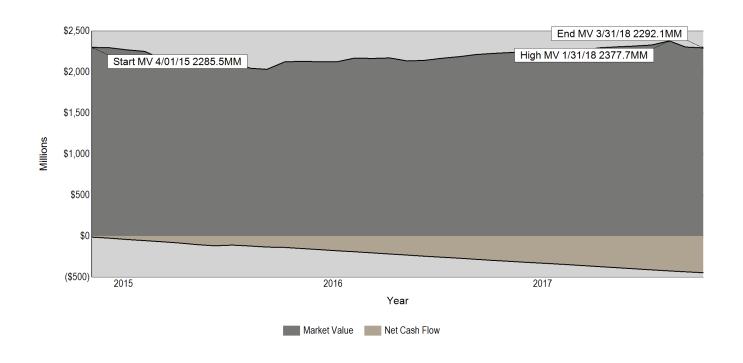
5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

Total Fund Composite

39.4	(Rank) 32.1	28.0	10.	,	27.6		10 C		11 1		11.0		2.2	
39.4	32.1	28.0	10.	<u> </u>	27.0		12.6		11.1		11.8		3.3	
30.5	22.5	24.9	6.	7	11.2		8.3		8.5		8.9		2.7	
25.9	19.5	20.9	5.3	3	7.7		2.5		6.3		6.4		1.4	
21.1	9.4	16.6	1.5	2	5.7		1.8		5.1		4.6		0.6	
12.2	7.1	12.1	0.3	3	2.6		8.0		2.9		4.3		0.2	
17	18	20	12)	18		11		16		6		19	
28.6 (*	34) 23.8	(18) 17.1	(74) 0 '	(98)	7 1	(54)	7.5	(20)	10.2	(0)	5.0	(64)	0.5	(78)

Market Value History

Market Value: \$2,292.1 Million and 100.0% of Fund



Summary of Cash Flows

	First Quarter	Year-To-Date	One Year	Three Years
Beginning Market Value	\$2,327,774,356.37	\$2,327,774,356.37	\$2,226,032,025.16	\$2,285,529,702.38
Net Cash Flow	-\$33,823,283.22	-\$33,823,283.22	-\$145,234,982.00	-\$435,628,092.41
Net Investment Change	-\$1,869,157.45	-\$1,869,157.45	\$211,284,872.54	\$442,180,305.73
Ending Market Value	\$2,292,081,915.70	\$2,292,081,915.70	\$2,292,081,915.70	\$2,292,081,915.70

Total Fund Composite Attribution

Market Value: \$2,292.1 Million and 100.0% of Fund

Attribution Summary 5 Years Ending March 31, 2018

	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects
Fixed Income Composite	3.26%	1.82%	1.44%	0.26%	0.07%	-0.01%	0.32%
U.S. Equity Composite	12.29%	13.03%	-0.74%	-0.16%	-0.03%	-0.02%	-0.21%
Non-U.S. Equity Composite	7.42%	5.89%	1.53%	0.34%	0.00%	0.00%	0.34%
Hedge Fund Composite	1.61%	3.31%	-1.69%	0.09%	-0.09%	-0.12%	-0.12%
Risk Parity Composite	1.87%	8.53%	-6.67%	-0.34%	0.00%	0.01%	-0.33%
Real Estate Composite	12.89%	10.42%	2.47%	0.21%	0.03%	0.00%	0.25%
Infrastructure Composite	6.80%	4.35%	2.45%	0.10%	0.05%	0.03%	0.18%
Private Equity Composite	11.85%	11.58%	0.27%	0.00%	0.01%	0.01%	0.03%
Total Cash Equivalents	1.19%	0.34%	0.85%				
Total	8.30%	7.91%	0.38%	0.51%	0.04%	-0.09%	0.46%

Calendar Years

	YTD	2017	2016	2015	2014	Quarter	1 Yr	3 Yrs
Wtd. Actual Return	-0.1%	14.8%	9.1%	0.3%	6.9%	-0.1%	9.8%	6.9%
Wtd. Index Return *	-0.4%	15.4%	7.1%	0.8%	6.3%	-0.4%	10.2%	6.7%
Excess Return	0.3%	-0.6%	2.0%	-0.6%	0.6%	0.3%	-0.4%	0.2%
Selection Effect	0.4%	-0.5%	2.5%	-0.6%	0.7%	0.4%	-0.4%	0.4%
Allocation Effect	-0.1%	0.3%	-0.2%	-0.1%	0.1%	-0.1%	0.2%	0.0%
Interaction Effect	0.0%	-0.2%	-0.3%	0.1%	-0.1%	0.0%	-0.1%	-0.1%

^{*}Calculated from the benchmark returns and weightings of each composite. Returns will differ slightly from the official Policy Benchmark.

Annualized Performance (Net of Fees)

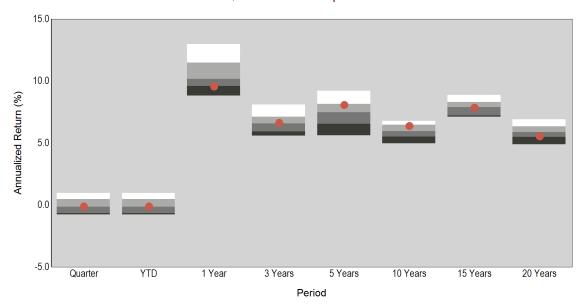
Market Value: \$2,292.1 Million and 100.0% of Fund

	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	15 Yrs	20 Yrs
Total Fund Composite	-0.1%	-0.1%	9.6%	11.0%	6.6%	6.6%	8.1%	7.8%	6.4%	7.8%	5.5%
Target Benchmark	-0.4%	-0.4%	9.8%	10.9%	6.8%	6.7%	8.0%	7.3%	5.9%	8.2%	5.9%
InvestorForce Public DB > \$1B Net Rank	48	48	76	50	49	37	27	24	31	52	74
Fixed Income Composite	0.0%	0.0%	3.7%	5.5%	2.9%	3.4%	3.1%	4.2%	5.4%	5.1%	5.7%
BBgBarc US Aggregate TR	-1.5%	-1.5%	1.2%	0.8%	1.2%	2.3%	1.8%	2.9%	3.6%	3.9%	4.8%
InvestorForce Public DB Total Fix Inc Net Rank	13	13	18	10	22	12	17	25	20	32	34
U.S. Equity Composite	-0.8%	-0.8%	11.9%	16.0%	8.9%	9.3%	12.1%	11.4%	9.4%	10.1%	6.1%
Russell 3000	-0.6%	-0.6%	13.8%	15.9%	10.2%	10.8%	13.0%	12.4%	9.6%	10.4%	6.7%
InvestorForce Public DB US Eq Net Rank	72	72	87	24	74	77	65	57	54	76	94
Non-U.S. Equity Composite	-0.6%	-0.6%	15.7%	15.5%	7.8%	5.6%	7.0%	5.9%	4.5%	9.5%	4.9%
MSCI ACWI ex USA	-1.2%	-1.2%	16.5%	14.8%	6.2%	4.3%	5.9%	4.3%	2.7%	9.2%	
InvestorForce Public DB ex-US Eq Net Rank	62	62	83	48	38	32	43	40	17	31	97
Hedge Fund Composite	0.5%	0.5%	0.0%	-0.7%	-1.7%	0.0%	1.6%	2.1%	1.7%	-	
HFRI FOF: Diversified Index	0.6%	0.6%	5.5%	5.4%	1.6%	2.6%	3.3%	2.6%	1.6%	3.7%	3.9%
Risk Parity Composite	-2.0%	-2.0%	6.7%	8.0%	2.4%	2.8%	1.9%				
60% Wilshire 5000/40% BarCap Aggregate	-0.9%	-0.9%	8.7%	9.7%	6.7%	7.4%	8.5%	8.7%	7.5%	8.2%	6.3%
Real Estate Composite	2.0%	2.0%	8.1%	8.4%	10.2%	11.0%	11.6%	12.1%	5.1%		
NFI	2.0%	2.0%	7.1%	7.2%	9.0%	9.8%	10.4%	10.8%	4.2%	7.3%	
NPI	0.0%	0.0%	5.3%	6.3%	8.1%	9.2%	9.6%	10.3%	5.9%	8.9%	9.2%
InvestorForce All DB Real Estate Priv Net Rank	21	21	10	15	6	5	7	5	7	-	
Infrastructure Composite	2.2%	2.2%	2.7%	1.8%	4.0%	5.8%	6.2%	6.6%	-	-	-
3 Month T-Bill +4%	1.4%	1.4%	5.2%	4.8%	4.6%	4.4%	4.4%	4.3%	4.3%	5.2%	5.9%
Private Equity Composite	0.0%	0.0%	7.1%	9.7%	8.1%	8.0%	11.3%	10.8%	10.2%	8.0%	4.6%
Cambridge Associates All PE	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	13.4%	12.7%

Annualized Performance (Net of Fees)

Market Value: \$2,292.1 Million and 100.0% of Fund

InvestorForce Public DB > \$1B Net Return Comparison



5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios
Total Found Come

Total	Eund	Comp	neita

Return							
1.0	1.0	13.0	8.1	9.2	6.8	8.9	6.9
0.5	0.5	11.5	7.1	8.1	6.5	8.3	6.3
-0.1	-0.1	10.2	6.6	7.5	5.9	7.9	5.9
-0.6	-0.6	9.6	5.9	6.5	5.5	7.2	5.5
-0.8	-0.8	8.8	5.6	5.6	5.0	7.1	4.9
23	23	23	23	23	21	21	17
-0.1	-0.1	96	6.6	8 1	6.4	7.8	5.5

Calendar Performance (Net of Fees)

Market Value: \$2,292.1 Million and 100.0% of Fund

Calendar Year

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Total Fund Composite	14.6%	8.9%	-0.1%	6.4%	17.5%	12.0%	1.1%	13.9%	20.7%	-28.1%	7.9%
Target Benchmark	14.8%	8.8%	0.4%	5.8%	17.2%	12.1%	-1.8%	14.7%	20.8%	-29.3%	8.0%
InvestorForce Public DB > \$1B Net Rank	67	13	45	18	13	69	32	20	39	69	64
Fixed Income Composite	5.6%	7.2%	-2.0%	5.6%	0.7%	8.6%	5.6%	9.7%	21.1%	-5.7%	5.8%
BBgBarc US Aggregate TR	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%	7.0%
InvestorForce Public DB Total Fix Inc Net Rank	44	11	77	17	20	36	67	25	13	67	73
U.S. Equity Composite	17.8%	16.4%	-3.0%	10.8%	35.4%	15.4%	-0.1%	19.4%	28.1%	-36.6%	7.4%
Russell 3000	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%	1.0%	16.9%	28.3%	-37.3%	5.1%
InvestorForce Public DB US Eq Net Rank	95	3	88	54	24	58	66	29	65	36	10
Non-U.S. Equity Composite	27.7%	7.3%	-4.9%	-1.4%	14.5%	18.2%	-10.2%	12.9%	36.1%	-39.1%	11.8%
MSCI ACWI ex USA	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%	-13.7%	11.2%	41.4%	-45.5%	16.7%
InvestorForce Public DB ex-US Eq Net Rank	59	7	68	13	79	49	6	40	59	20	76
Hedge Fund Composite	-3.1%	-2.8%	2.6%	4.2%	12.1%	3.8%	-0.7%	4.5%	14.1%	-16.7%	
HFRI FOF: Diversified Index	6.9%	0.4%	-0.2%	3.4%	9.0%	4.8%	-5.0%	5.5%	11.5%	-20.9%	9.7%
Risk Parity Composite	11.9%	11.2%	-9.4%	6.5%	-2.9%	-				-	
60% Wilshire 5000/40% BarCap Aggregate	13.8%	8.7%	0.7%	9.9%	18.1%	11.5%	4.1%	13.6%	19.6%	-22.2%	6.3%
Real Estate Composite	8.0%	9.3%	14.8%	12.4%	14.8%	11.0%	16.9%	15.9%	-31.9%	-8.3%	
NFI	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%	14.8%
NPI	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%	15.8%
InvestorForce All DB Real Estate Priv Net Rank	18	7	22	31	17	30	14	25	77	24	
Infrastructure Composite	2.5%	0.4%	11.2%	12.5%	4.2%	5.6%	11.7%	23.9%	2.9%	-	
3 Month T-Bill +4%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%	8.6%
Private Equity Composite	10.4%	8.1%	8.2%	8.4%	26.5%	8.4%	11.8%	17.5%	17.4%	-10.5%	21.2%
Cambridge Associates All PE	13.1%	9.7%	7.3%	11.1%	20.4%	12.5%	8.0%	19.7%	14.1%	-25.6%	23.6%



Investment Manager

Annualized Performance (Net of Fees)

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	0.0%	-0.1%	-0.1%	9.6%	11.0%	6.6%	6.6%	8.1%	7.8%	6.4%	9.1%	May-85
Target Benchmark	-0.4%	-0.4%	-0.4%	9.8%	10.9%	6.8%	6.7%	8.0%	7.3%	5.9%		May-85
InvestorForce Public DB > \$1B Net Rank	14	48	48	76	50	49	37	27	24	31	14	May-85
Fixed Income Composite	0.1%	0.0%	0.0%	3.7%	5.5%	2.9%	3.4%	3.1%	4.2%	5.4%	5.8%	Nov-95
BBgBarc US Aggregate TR	0.6%	-1.5%	-1.5%	1.2%	0.8%	1.2%	2.3%	1.8%	2.9%	3.6%	5.0%	Nov-95
InvestorForce Public DB Total Fix Inc Net Rank	96	13	13	18	10	22	12	17	25	20	36	Nov-95
Loomis Sayles Core-Plus	0.7%	-0.7%	-0.7%	2.6%	3.8%						3.1%	Jul-15
BBgBarc US Aggregate TR	0.6%	-1.5%	-1.5%	1.2%	0.8%	1.2%	2.3%	1.8%	2.9%	3.6%	1.7%	Jul-15
eV US Core Plus Fixed Inc Net Rank	16	9	9	22	16						20	Jul-15
BlackRock Strategic Income Opps	-0.4%	0.3%	0.3%	3.8%	4.8%	2.4%					2.7%	Dec-14
BBgBarc US Aggregate TR	0.6%	-1.5%	-1.5%	1.2%	0.8%	1.2%	2.3%	1.8%	2.9%	3.6%	1.6%	Dec-14
3 Month T-Bill +4%	0.5%	1.4%	1.4%	5.2%	4.8%	4.6%	4.4%	4.4%	4.3%	4.3%	4.5%	Dec-14
eV US Core Plus Fixed Inc Net Rank	99	1	1	4	2	29					31	Dec-14
Shenkman - Four Points	-0.1%	1.0%	1.0%	5.7%	11.1%	5.4%	4.6%	5.9%	6.0%		6.8%	Aug-10
BBgBarc US High Yield TR	-0.6%	-0.9%	-0.9%	3.8%	9.9%	5.2%	4.4%	5.0%	6.3%	8.3%	7.2%	Aug-10
eV US High Yield Fixed Inc Net Rank	22	6	6	12	13	22	19	7	39		47	Aug-10
PIMCO												

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
U.S. Equity Composite	-0.2%	-0.8%	-0.8%	11.9%	16.0%	8.9%	9.3%	12.1%	11.4%	9.4%	9.3%	Feb-89
Russell 3000	-2.0%	-0.6%	-0.6%	13.8%	15.9%	10.2%	10.8%	13.0%	12.4%	9.6%	10.3%	Feb-89
InvestorForce Public DB US Eq Net Rank	1	72	72	87	24	74	77	65	57	54	99	Feb-89
NTGI Russell 1000 Value	-1.8%	-2.8%	-2.8%	7.1%	13.0%	8.0%	8.3%				8.6%	Dec-13
Russell 1000 Value	-1.8%	-2.8%	-2.8%	6.9%	12.9%	7.9%	8.2%	10.8%	11.0%	7.8%	8.5%	Dec-13
eV US Large Cap Value Equity Net Rank	37	66	66	81	63	51	55				51	Dec-13
NTGI Russell 1000 Growth	-2.7%	1.4%	1.4%	21.2%	18.5%	12.9%	13.7%				13.1%	Dec-13
Russell 1000 Growth	-2.7%	1.4%	1.4%	21.3%	18.5%	12.9%	13.7%	15.5%	14.1%	11.3%	13.1%	Dec-13
eV US Large Cap Growth Equity Net Rank	70	66	66	53	43	24	22				19	Dec-13
NTGI S&P 400	0.9%	-0.7%	-0.7%	11.0%	15.9%	9.0%	9.8%				10.0%	Dec-13
S&P 400 MidCap	0.9%	-0.8%	-0.8%	11.0%	15.8%	9.0%	9.8%	12.0%	11.3%	10.9%	9.9%	Dec-13
eV US Mid Cap Equity Net Rank	12	54	54	56	40	31	34				31	Dec-13
Vanguard Mid Cap Value	-0.3%										-5.0%	Jan-18
CRSP US Mid Cap Value TR USD	-0.3%	-1.4%	-1.4%	9.6%	14.5%	8.4%	9.5%	12.4%	12.3%	10.8%	-5.0%	Jan-18
Mid-Cap Value MStar MF Rank	52										46	Jan-18
NTGI Russell 2000 Value	1.2%	-2.6%	-2.6%	5.4%	16.9%	8.1%	7.2%				7.2%	Dec-13
Russell 2000 Value	1.2%	-2.6%	-2.6%	5.1%	16.6%	7.9%	7.0%	10.0%	9.4%	8.6%	7.0%	Dec-13
eV US Small Cap Value Equity Net Rank	35	59	59	67	30	43	55				55	Dec-13
Clifton Group												

							3	,				
	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Non-U.S. Equity Composite	-1.4%	-0.6%	-0.6%	15.7%	15.5%	7.8%	5.6%	7.0%	5.9%	4.5%	6.5%	May-93
MSCI ACWI ex USA	-1.8%	-1.3%	-1.3%	16.4%	14.7%	6.1%	4.3%	5.9%	4.2%	2.7%		<i>May-</i> 93
InvestorForce Public DB ex-US Eq Net Rank	75	62	62	83	48	38	32	43	40	17	-	<i>May-</i> 93
Mondrian	-2.2%	-1.8%	-1.8%	11.4%	11.4%	4.8%	3.4%	7.0%	5.6%	2.9%	6.7%	May-04
MSCI EAFE	-1.8%	-1.7%	-1.7%	14.6%	13.1%	5.5%	3.9%	6.5%	5.3%	2.7%	6.0%	May-04
MSCI EAFE Value	-2.4%	-2.1%	-2.1%	12.1%	14.0%	4.3%	2.4%	5.8%	4.4%	2.0%	5.4%	May-04
eV Non-US Diversified Eq Net Rank	89	79	79	92	83	87	85	65	68	80	68	May-04
Harding Loevner	-0.7%	0.5%	0.5%	19.4%	17.4%	9.3%	8.3%	8.8%	7.2%	6.1%	8.5%	Dec-04
MSCI EAFE	-1.8%	-1.7%	-1.7%	14.6%	13.1%	5.5%	3.9%	6.5%	5.3%	2.7%	5.3%	Dec-04
MSCI EAFE Growth	-1.2%	-1.3%	-1.3%	17.2%	12.2%	6.6%	5.2%	7.1%	6.1%	3.4%	6.0%	Dec-04
eV Non-US Diversified Eq Net Rank	31	27	27	40	24	28	16	27	35	21	20	Dec-04
DFA	-1.5%	-2.3%	-2.3%	16.1%	16.7%	10.3%	5.9%	10.4%	7.8%	5.9%	5.0%	Nov-07
MSCI EAFE Small Cap	-1.1%	0.0%	0.0%	23.2%	16.9%	12.2%	8.2%	11.0%	8.7%	6.5%	5.2%	Nov-07
Foreign Small/Mid Value MStar MF Rank	82	82	82	75	51	26	43	24	34	51	67	Nov-07
DFA Emerging Markets Small Cap	-0.6%	1.4%	1.4%	19.5%	20.3%	10.3%					10.6%	Dec-14
MSCI Emerging Markets Small Cap	-1.3%	0.2%	0.2%	18.6%	16.5%	7.2%	5.7%	4.6%	2.5%	4.4%	7.8%	Dec-14
eV Emg Mkts Small Cap Equity Net Rank	43	45	45	69	41	33					40	Dec-14
DFA Emerging Markets Core												Mar-18
MSCI Emerging Markets	-1.9%	1.3%	1.3%	24.8%	20.9%	8.8%	6.6%	5.0%	2.4%	3.0%		Mar-18
Diversified Emerging Mkts MStar MF Rank												Mar-18
DFA Emerging Markets Value			-									Mar-18
MSCI Emerging Markets	-1.9%	1.3%	1.3%	24.8%	20.9%	8.8%	6.6%	5.0%	2.4%	3.0%		Mar-18
Diversified Emerging Mkts MStar MF Rank			-									Mar-18
Hedge Fund Composite	0.0%	0.5%	0.5%	0.0%	-0.7%	-1.7%	0.0%	1.6%	2.1%	1.7%	1.5%	Jan-08
HFRI FOF: Diversified Index	-0.4%	0.6%	0.6%	5.5%	5.4%	1.6%	2.6%	3.3%	2.6%	1.6%	1.5%	Jan-08
Fintan Partners	0.0%	0.5%	0.5%	-2.5%	-0.8%	-1.2%	0.0%				0.2%	Feb-14
HFRI Fund of Funds Composite Index	-0.4%	0.6%	0.6%	5.9%	6.0%	2.0%	2.8%	3.4%	2.6%	1.6%	2.6%	Feb-14
Risk Parity Composite	0.8%	-2.0%	-2.0%	6.7%	8.0%	2.4%	2.8%	1.9%				Jul-12
60% Wilshire 5000/40% BarCap Aggregate	-0.9%	-0.9%	-0.9%	8.7%	9.7%	6.7%	7.4%	8.5%	8.7%	7.5%	9.4%	Jul-12
AQR Risk Parity	0.8%	-2.0%	-2.0%	6.7%	8.0%	2.4%	2.8%	1.9%				Jul-12
60% Wilshire 5000/40% BarCap Aggregate	-0.9%	-0.9%	-0.9%	8.7%	9.7%	6.7%	7.4%	8.5%	8.7%	7.5%	9.4%	Jul-12

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Real Estate Composite	1.6%	2.0%	2.0%	8.1%	8.4%	10.2%	11.0%	11.6%	12.1%	5.1%	5.3%	Aug-07
NFI	0.7%	2.0%	2.0%	7.1%	7.2%	9.0%	9.8%	10.4%	10.8%	4.2%	4.3%	Aug-07
NPI	0.0%	0.0%	0.0%	5.3%	6.3%	8.1%	9.2%	9.6%	10.3%	5.9%	6.2%	Aug-07
InvestorForce All DB Real Estate Priv Net Rank	39	21	21	10	15	6	5	7	5	7	6	Aug-07
J.P. Morgan SPF	0.5%	2.0%	2.0%	6.5%	6.9%	8.5%	9.4%	10.2%	11.1%	5.1%		Jan-08
NFI	0.7%	2.0%	2.0%	7.1%	7.2%	9.0%	9.8%	10.4%	10.8%	4.2%	4.2%	Jan-08
NPI	0.0%	0.0%	0.0%	5.3%	6.3%	8.1%	9.2%	9.6%	10.3%	5.9%	5.9%	Jan-08
InvestorForce All DB Real Estate Pub Net Rank	78	13	13	40	43	45	46	43	18	1		Jan-08
Morgan Stanley P.P.	2.0%	2.0%	2.0%	8.8%	9.1%	10.5%	11.5%	12.4%	12.7%	5.5%	5.8%	Aug-07
NFI	0.7%	2.0%	2.0%	7.1%	7.2%	9.0%	9.8%	10.4%	10.8%	4.2%	4.3%	Aug-07
NPI	0.0%	0.0%	0.0%	5.3%	6.3%	8.1%	9.2%	9.6%	10.3%	5.9%	6.2%	Aug-07
InvestorForce All DB Real Estate Pub Net Rank	12	11	11	1	1	1	1	1	1	1	1	Aug-07
PRISA III	1.9%	1.9%	1.9%	9.3%	10.2%	13.4%	15.6%	14.9%	15.7%	3.5%	3.4%	Dec-07
NFI	0.7%	2.0%	2.0%	7.1%	7.2%	9.0%	9.8%	10.4%	10.8%	4.2%	4.2%	Dec-07
NPI	0.0%	0.0%	0.0%	5.3%	6.3%	8.1%	9.2%	9.6%	10.3%	5.9%	5.9%	Dec-07
InvestorForce All DB Real Estate Pub Net Rank	17	14	14	1	1	1	1	1	1	68	76	Dec-07
Principal Enhanced	2.7%	2.7%	2.7%	10.1%	11.3%	14.0%	14.2%	14.6%	14.7%	3.7%	3.7%	Mar-08
NFI	0.7%	2.0%	2.0%	7.1%	7.2%	9.0%	9.8%	10.4%	10.8%	4.2%	4.2%	Mar-08
NPI	0.0%	0.0%	0.0%	5.3%	6.3%	8.1%	9.2%	9.6%	10.3%	5.9%	5.9%	Mar-08
InvestorForce All DB Real Estate Pub Net Rank	7	1	1	1	1	1	1	1	1	49	49	Mar-08
Mesirow/Courtland I	0.0%	0.0%	0.0%	2.0%	0.7%	2.4%	2.3%	3.5%	4.2%	0.2%		Aug-07
NFI	0.7%	2.0%	2.0%	7.1%	7.2%	9.0%	9.8%	10.4%	10.8%	4.2%	4.3%	Aug-07
NPI	0.0%	0.0%	0.0%	5.3%	6.3%	8.1%	9.2%	9.6%	10.3%	5.9%	6.2%	Aug-07
Infrastructure Composite	2.2%	2.2%	2.2%	2.7%	1.8%	4.0%	5.8%	6.2%	6.6%		-	Aug-08
3 Month T-Bill +4%	0.5%	1.4%	1.4%	5.2%	4.8%	4.6%	4.4%	4.4%	4.3%	4.3%	4.3%	Aug-08
Alinda Fund II	0.0%	0.0%	0.0%	-6.1%	-5.4%	-0.9%	3.8%	4.5%	3.7%			Aug-08
3 Month T-Bill +4%	0.5%	1.4%	1.4%	5.2%	4.8%	4.6%	4.4%	4.4%	4.3%	4.3%	4.3%	Aug-08
Macquarie Fund II	0.0%	0.0%	0.0%	6.6%	8.0%	8.1%	6.2%	6.2%	7.4%			Sep-08
3 Month T-Bill +4%	0.5%	1.4%	1.4%	5.2%	4.8%	4.6%	4.4%	4.4%	4.3%	4.3%	4.2%	Sep-08
J.P. Morgan Infrastructure	0.0%	0.0%	0.0%				-	-			0.0%	Dec-17
CPI +4%	0.6%	1.8%	1.8%	6.0%	6.2%	5.8%	5.3%	5.4%	5.6%	5.6%	1.8%	Dec-17
IFM Global Infrastructure (U.S)	7.3%										7.3%	Feb-18
CPI +4%	0.6%	1.8%	1.8%	6.0%	6.2%	5.8%	5.3%	5.4%	5.6%	5.6%	0.6%	Feb-18

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Private Equity Composite	0.0%	0.0%	0.0%	7.1%	9.7%	8.1%	8.0%	11.3%	10.8%	10.2%	7.3%	Jul-93
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	15.2%	Jul-93
Private Equity w/o Blue Chip	0.0%	0.0%	0.0%	7.6%	10.5%	8.8%	8.9%	12.5%	12.0%	10.7%		
Fort Washington Fund V	0.0%	0.0%	0.0%	5.7%	6.1%	4.2%	5.4%	8.8%	9.9%	9.0%		Sep-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	8.3%	Sep-07
Fort Washington Fund VI	0.0%	0.0%	0.0%	9.4%	9.0%	7.7%	10.6%	13.6%	13.4%			Apr-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	8.3%	Apr-08
Fort Washington Fund VIII	0.0%	0.0%	0.0%	8.0%	14.3%	15.3%	13.8%				8.3%	Jan-14
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	9.6%	Jan-14
Fort Washington Fund IX	0.0%	0.0%	0.0%	-3.8%							31.3%	Sep-16
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	10.4%	Sep-16
Fort Washington Opp Fund III	0.0%	0.0%	0.0%	9.7%	21.0%	24.8%					28.6%	Jul-14
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	8.8%	Jul-14
North Sky Fund III - LBO	0.0%	0.0%	0.0%	7.9%	14.3%	13.8%	12.8%	14.8%	14.7%	11.5%	11.2%	May-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	8.8%	May-07
North Sky Fund III - VC	0.0%	0.0%	0.0%	18.5%	12.0%	6.5%	8.0%	13.0%	11.0%	10.4%	10.3%	May-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	8.8%	May-07
North Sky Fund IV - LBO	0.0%	0.0%	0.0%	9.0%	13.3%	13.7%	14.3%	14.8%	13.2%			Aug-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	9.0%	Aug-08
North Sky Fund IV - VC	0.0%	0.0%	0.0%	9.8%	10.1%	8.3%	4.1%	14.7%	10.5%			May-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	8.3%	May-08
North Sky Fund V	0.0%	0.0%	0.0%	3.4%	5.8%	4.8%					-4.0%	Apr-14
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	9.1%	Apr-14
Portfolio Advisors IV - Special Sit	0.0%	0.0%	0.0%	7.1%	4.4%	2.4%	1.8%	3.9%	6.0%	4.7%		Jun-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	8.6%	Jun-07
Portfolio Advisors V - Special Sit	0.0%	0.0%	0.0%	5.2%	6.4%	4.6%	5.5%	7.5%	8.6%			Aug-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	9.0%	Aug-08
Blue Chip Fund IV	0.0%	0.0%	0.0%	-13.8%	-16.1%	-13.1%	-13.4%	-10.0%	-7.0%	-2.8%		Dec-00
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.8%	11.1%	9.4%	9.4%	11.6%	10.9%	8.3%	9.0%	Dec-00

Investment Manager

Calendar Performance (Net of Fees)

1.9%

	Calendar Year											
	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	
Total Fund Composite	14.6%	8.9%	-0.1%	6.4%	17.5%	12.0%	1.1%	13.9%	20.7%	-28.1%	7.9%	
Target Benchmark	14.8%	8.8%	0.4%	5.8%	17.2%	12.1%	-1.8%	14.7%	20.8%	-29.3%	8.0%	
InvestorForce Public DB > \$1B Net Rank	67	13	45	18	13	69	32	20	39	69	64	
Fixed Income Composite	5.6%	7.2%	-2.0%	5.6%	0.7%	8.6%	5.6%	9.7%	21.1%	-5.7%	5.8%	
BBgBarc US Aggregate TR	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%	7.0%	
InvestorForce Public DB Total Fix Inc Net Rank	44	11	77	17	20	36	67	25	13	67	73	
Loomis Sayles Core-Plus	5.3%	7.0%										
BBgBarc US Aggregate TR	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%	7.0%	
eV US Core Plus Fixed Inc Net Rank	19	16										
BlackRock Strategic Income Opps	5.0%	3.7%	-0.3%									
BBgBarc US Aggregate TR	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%	7.0%	
3 Month T-Bill +4%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%	8.6%	
eV US Core Plus Fixed Inc Net Rank	36	75	62									
Shenkman - Four Points	7.5%	16.1%	-4.2%	2.6%	10.7%	11.9%	1.7%					

7.4%

10

2.5%

35

15.8%

91

5.0%

86

15.1%

58.2%

-26.2%

PIMCO

Rank

BBgBarc US High Yield TR

eV US High Yield Fixed Inc Net

7.5%

39

17.1%

20

-4.5%

66

Investment Manager

Calendar Performance (Net of Fees)

Cal	end	dar '	Year
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	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
S. Equity Composite	17.8%	16.4%	-3.0%	10.8%	35.4%	15.4%	-0.1%	19.4%	28.1%	-36.6%	7.4%
Russell 3000	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%	1.0%	16.9%	28.3%	-37.3%	5.1%
InvestorForce Public DB US Eq Net Rank	95	3	88	54	24	58	66	29	65	36	10
NTGI Russell 1000 Value	13.8%	17.3%	-3.6%	13.5%							
Russell 1000 Value	13.7%	17.3%	-3.8%	13.5%	32.5%	17.5%	0.4%	15.5%	19.7%	-36.8%	-0.2%
eV US Large Cap Value Equity Net Rank	83	19	57	23							
NTGI Russell 1000 Growth	30.1%	7.2%	5.7%	13.1%							
Russell 1000 Growth	30.2%	7.1%	5.7%	13.0%	33.5%	15.3%	2.6%	16.7%	37.2%	-38.4%	11.8%
eV US Large Cap Growth Equity Net Rank	40	19	35	26					-		
NTGI S&P 400	16.3%	20.8%	-2.1%	9.9%		-	-	-	_	-	
S&P 400 MidCap	16.2%	20.7%	-2.2%	9.8%	33.5%	17.9%	-1.7%	26.6%	37.4%	-36.2%	8.0%
eV US Mid Cap Equity Net Rank	61	14	49	40							
Vanguard Mid Cap Value											
CRSP US Mid Cap Value TR USD	17.1%	15.3%	-1.8%	14.1%	37.4%	17.9%	-0.4%	24.6%	35.2%	-37.9%	-6.1%
Mid-Cap Value MStar MF Rank											
NTGI Russell 2000 Value	8.1%	31.9%	-7.3%	4.4%			-		-		
Russell 2000 Value	7.8%	31.7%	-7.5%	4.2%	34.5%	18.0%	-5.5%	24.5%	20.6%	-28.9%	-9.8%
eV US Small Cap Value Equity Net Rank	67	12	72	56							

Calendar Performance (Net of Fees)

Ca	lend	ar	Year
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						Calenda	rrear				
	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Non-U.S. Equity Composite	27.7%	7.3%	-4.9%	-1.4%	14.5%	18.2%	-10.2%	12.9%	36.1%	-39.1%	11.8%
MSCI ACWI ex USA	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%	-13.7%	11.2%	41.4%	-45.5%	16.7%
InvestorForce Public DB ex-US Eq Net Rank	59	7	68	13	79	49	6	40	59	20	76
Mondrian	22.0%	4.1%	-3.2%	-1.8%	23.5%	9.1%	-4.4%	2.9%	24.2%	-37.4%	12.0%
MSCI EAFE	25.0%	1.0%	-0.8%	-4.9%	22.8%	17.3%	-12.1%	7.8%	31.8%	-43.4%	11.2%
MSCI EAFE Value	21.4%	5.0%	-5.7%	-5.4%	23.0%	17.7%	-12.2%	3.2%	34.2%	-44.1%	6.0%
eV Non-US Diversified Eq Net Rank	88	21	80	25	44	99	5	99	91	14	62
Harding Loevner	30.3%	5.8%	-1.0%	-0.6%	15.2%	19.7%	-10.3%	18.4%	43.0%	-39.8%	13.0%
MSCI EAFE	25.0%	1.0%	-0.8%	-4.9%	22.8%	17.3%	-12.1%	7.8%	31.8%	-43.4%	11.2%
MSCI EAFE Growth	28.9%	-3.0%	4.1%	-4.4%	22.5%	16.9%	-12.1%	12.2%	29.4%	-42.7%	16.5%
eV Non-US Diversified Eq Net Rank	39	13	64	16	89	43	30	23	30	23	58
DFA	28.0%	8.0%	4.0%	-5.0%	32.4%	22.3%	-17.5%	18.1%	39.5%	-41.7%	
MSCI EAFE Small Cap	33.0%	2.2%	9.6%	-4.9%	29.3%	20.0%	-15.9%	22.0%	46.8%	-47.0%	1.4%
Foreign Small/Mid Value MStar MF Rank	65	24	43	41	8	37	62	72	41	17	
DFA Emerging Markets Small Cap	35.3%	10.9%	-8.7%					-			
MSCI Emerging Markets Small Cap	33.8%	2.3%	-6.8%	1.0%	1.0%	22.2%	-27.2%	27.2%	113.8%	-58.2%	42.3%
eV Emg Mkts Small Cap Equity Net Rank	55	15	59			-			-		-
DFA Emerging Markets Core		-		-				-			
MSCI Emerging Markets	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%	-18.4%	18.9%	78.5%	-53.3%	39.4%
Diversified Emerging Mkts MStar MF Rank						-		-	-		-
DFA Emerging Markets Value								-			
MSCI Emerging Markets	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%	-18.4%	18.9%	78.5%	-53.3%	39.4%
Diversified Emerging Mkts MStar MF Rank						-		-			
Hedge Fund Composite	-3.1%	-2.8%	2.6%	4.2%	12.1%	3.8%	-0.7%	4.5%	14.1%	-16.7%	
HFRI FOF: Diversified Index	6.9%	0.4%	-0.2%	3.4%	9.0%	4.8%	-5.0%	5.5%	11.5%	-20.9%	9.7%
Fintan Partners	-5.8%	1.8%	1.1%	-	-	-	-	-	-	-	
HFRI Fund of Funds Composite Index	7.8%	0.5%	-0.3%	3.4%	9.0%	4.8%	-5.7%	5.7%	11.5%	-21.4%	10.3%
Risk Parity Composite	11.9%	11.2%	-9.4%	6.5%	-2.9%		-	-	-	-	
60% Wilshire 5000/40% BarCap Aggregate	13.8%	8.7%	0.7%	9.9%	18.1%	11.5%	4.1%	13.6%	19.6%	-22.2%	6.3%
AQR Risk Parity	11.9%	11.2%	-9.4%	6.5%	-2.9%						
60% Wilshire 5000/40% BarCap Aggregate	13.8%	8.7%	0.7%	9.9%	18.1%	11.5%	4.1%	13.6%	19.6%	-22.2%	6.3%

Investment Manager

Calendar Performance (Net of Fees)

Cal	l۵n	Ч	21	٠ ٧	<u>د</u> م′	r
va		u	aı		Ca	

						Juiciliaa	i i cai				
	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Real Estate Composite	8.0%	9.3%	14.8%	12.4%	14.8%	11.0%	16.9%	15.9%	-31.9%	-8.3%	
NFI	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%	14.8%
NPI	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%	15.8%
InvestorForce All DB Real Estate Priv Net Rank	18	7	22	31	17	30	14	25	77	24	
J.P. Morgan SPF	6.2%	7.3%	14.1%	10.3%	14.8%	10.9%	16.0%	14.2%	-26.5%		-
NFI	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%	14.8%
NPI	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%	15.8%
InvestorForce All DB Real Estate Pub Net Rank	56	45	31	85	10	34	29	53	26		
Morgan Stanley P.P.	8.7%	9.2%	14.6%	14.1%	16.2%	11.7%	16.5%	15.2%	-33.1%	-4.5%	
NFI	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%	14.8%
NPI	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%	15.8%
InvestorForce All DB Real Estate Pub Net Rank	10	11	21	25	5	22	21	46	79	12	
PRISA III	9.9%	13.2%	22.7%	16.9%	14.9%	13.7%	23.1%	20.8%	-50.1%	-19.6%	
NFI	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%	14.8%
NPI	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%	15.8%
InvestorForce All DB Real Estate Pub Net Rank	9	1	1	14	8	16	1	7	99	92	
Principal Enhanced	9.3%	13.5%	20.3%	13.8%	18.0%	12.6%	16.7%	12.5%	-43.7%		
NFI	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%	14.8%
NPI	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%	15.8%
InvestorForce All DB Real Estate Pub Net Rank	10	1	1	27	2	17	21	71	97		
Mesirow/Courtland I	2.9%	1.8%	0.0%	6.9%	7.9%	4.1%	7.3%	15.0%	-10.2%	-31.8%	
NFI	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%	14.8%
NPI	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%	15.8%
nfrastructure Composite	2.5%	0.4%	11.2%	12.5%	4.2%	5.6%	11.7%	23.9%	2.9%	-	
3 Month T-Bill +4%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%	8.6%
Alinda Fund II	-5.3%	-4.4%	13.1%	21.9%	0.2%	0.4%	8.6%	27.9%	8.9%		
3 Month T-Bill +4%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%	8.6%
Macquarie Fund II	10.1%	7.8%	8.2%	0.8%	6.2%	8.6%	14.0%	22.5%	0.4%	-	
3 Month T-Bill +4%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%	8.6%
J.P. Morgan Infrastructure										-	
CPI +4%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%	4.1%	8.2%
IFM Global Infrastructure (U.S)							-	-		-	
CPI +4%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%	4.1%	8.2%

Closed End Funds Statistics

Annualized Performance 1

Asset Class	Fund Company	Vintage Yr.	Preqin Category	Net IRR	Public Market Equivalent IRR	Median Fund IRR ²	Pregin Rank ³	Perf. as of:
Real Estate	Mesirow/Courtland I	2007		4.0%	· 			12/31/2017
Total Real Estate	Weshow/Southand 1	2001		4.0%				12/31/2017
Total Real Estate				4.0%				12/3/1/2017
Infrastructure	Alinda II	2008	2008 Infrastructure	4.7%		8.5%		12/31/2017
Infrastructure	Macquarie II	2008	2008 Infrastructure	8.0%		8.5%		12/31/2017
Total Infrastructure				6.6%				12/31/2017
Private Equity Venture	Blue Chip I	1993	1993 US Venture	13.4%		31.8%	3rd Quartile	12/31/2007
Private Equity Venture	Blue Chip II	1997	1997 US Venture	0.9%		31.9%	4th Quartile	12/31/2013
Private Equity Venture	Blue Chip III	1999	1999 US Venture	-13.1%		-3.7%	4th Quartile	9/30/2013
Private Equity Venture	Blue Chip IV	2000	2000 US Venture	0.6%		0.5%	2nd Quartile	12/31/2017
Private Equity FoFs Specialized	Fort Washington Fund V	2007	2006 US FoF	10.7%	9.0% 6	8.6%	1st Quartile	12/31/2017
Private Equity FoFs Specialized	Fort Washington Fund VI	2008	2007 US FoF	14.0%	11.2% ⁶	10.0%	1st Quartile	12/31/2017
Private Equity FoFs Specialized	Fort Washington Fund VIII	2014	2013 US FoF	12.5%	11.7% ⁶	11.4%	1st Quartile	12/31/2017
Private Equity FoFs Secondary	Fort Washington Opp Fund III	2014	2014 Secondary	20.7%	10.5% ⁶	22.1%	3rd Quartile	12/31/2017
Private Equity FoFs Specialized	Fort Washington Fund IX	2016	2016 US FoF	9.4%	15.3% ⁶			12/31/2017
Private Equity Buy-Out	North Sky III - LBO	2007	2006 US FoF	10.9%	9.5% ⁶	8.6%	1st Quartile	12/31/2017
Private Equity Venture	North Sky III - VC	2007	2006 US FoF	8.7%	9.1% ⁶	8.6%	2nd Quartile	12/31/2017
Private Equity Buy-Out	North Sky IV - LBO	2008	2008 US FoF	11.8%	14.4% ⁶	12.5%	3rd Quartile	12/31/2017
Private Equity Venture	North Sky IV - VC	2008	2008 US FoF	16.2%	13.9% ⁶	12.5%	1st Quartile	12/31/2017
Private Equity FoFs Diversified	North Sky V	2014	2013 US FoF	3.3%		11.4%	4th Quartile	12/31/2017
Private Equity FoFs Specialized	Portfolio Advisors IV - Special Sit	2007	2006 All FoF	5.7%	4.9% ⁷	8.6%	3rd Quartile	12/31/2017
Private Equity FoFs Specialized	Portfolio Advisors V - Special Sit	2008	2007 All FoF	8.9%	9.4% 7	10.0%	3rd Quartile	12/31/2017
Total Private Equity				7.0%				12/31/2017
Total Private Equity Excluding	Blue Chip			11.0%				12/31/2017

Since Inception Cash Flows

Asset Class	Fund Company	Commitment	Capital Calls	Distributions	Ending Value	Cash Multiple ⁴	Median Fund Multiple ⁵
Real Estate	Mesirow/Courtland I	\$30,000,000	\$24,100,863	\$18,595,438	\$8,029,750	1.1	
Total Real Estate		\$30,000,000	\$24,100,863	\$18,595,438	\$8,029,750	1.1	
	AE 1 11	405 000 000	074 040 044	044.004.000	0.4.4.000.000	4.0	
Infrastructure	Alinda II	\$65,000,000	\$71,842,644	\$44,834,062	\$44,860,900	1.2 1.5	1.4 1.4
Infrastructure	Macquarie II	\$65,000,000	\$68,180,388	\$46,254,159	\$57,665,185		
Total Infrastructure		\$130,000,000	\$140,023,032	\$91,088,221	\$102,526,085	1.4	
Drivete Favilte Vanture	Dive Ohio I	£4.000.000	£4.000.000	ec 244.07c	\$0	4.0	0.0
Private Equity Venture	Blue Chip I Blue Chip II	\$4,000,000 \$10,000,000	\$4,000,000 \$10,000,000	\$6,314,076 \$10,396,215	\$0 \$0	1.6 1.0	2.6 1.8
Private Equity Venture Private Equity Venture	Blue Chip III	\$15,000,000	\$15,000,000	\$5,957,739	\$0 \$0	0.4	0.8
Private Equity Venture	Blue Chip IV	\$25,000,000	\$15,000,000	\$23.670.550	\$2,376,413	1.0	1.0
Private Equity FoFs Specialized	•	\$40.000.000	\$32,493,882	\$43,554,212	\$19,126,047	1.9	1.5
Private Equity FoFs Specialized		\$30,000,000	\$18,143,165	\$23,222,881	\$17,149,168	2.2	1.6
Private Equity FoFs Specialized		\$50,000,000	\$30,499,999	\$4,874,999	\$32,958,571	1.2	1.0
Private Equity FoFs Secondary	Fort Washington Opp Fund III	\$30,000,000	\$19.350.000	\$4,800,000	\$22,931,062	1.4	1.4
Private Equity FoFs Specialized	•	\$50,000,000	\$9.000,000	\$0	\$9,674,322	1.1	1.0
Private Equity Buy-Out	North Sky III - LBO	\$30,000,000	\$21,700,017	\$32.924.538	\$9.374.957	1.9	1.5
Private Equity Venture	North Sky III - VC	\$10,000,000	\$9,183,339	\$13,229,504	\$3,535,799	1.8	1.5
Private Equity Buy-Out	North Sky IV - LBO	\$15,000,000	\$9,075,000	\$8,499,031	\$8,991,942	1.9	1.6
Private Equity Venture	North Sky IV - VC	\$15,000,000	\$12,300,000	\$22,741,238	\$6,484,285	2.4	1.6
Private Equity FoFs Diversified	North Sky V	\$40,000,000	\$22,394,820	\$0	\$23,642,671	1.1	1.2
Private Equity FoFs Specialized	Portfolio Advisors IV - Special Sit	\$20,000,000	\$16,899,856	\$18,727,550	\$4,909,883	1.5	1.5
Private Equity FoFs Specialized	Portfolio Advisors V - Special Sit	\$10,000,000	\$6,522,936	\$7,968,592	\$2,697,517	1.6	1.6
Total Private Equity		\$394,000,000	\$261,563,014	\$226,881,125	\$163,852,637	1.5	
Total Private Equity Excluding	Blue Chip	\$340,000,000	\$207,563,014	\$180,542,545	\$161,476,224	1.6	

¹ All data is preliminary and subject to change

⁷ PME Benchmark is MSCI World Index



² Represents IRR of median fund in Preqin category

³ Represents quartile rank in Preqin category

⁴ Calculated as the sum of the distributions and ending value divided by the amount of all capital calls

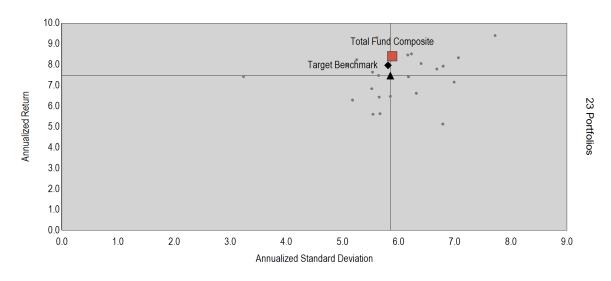
⁵ Represents Cash Multiple of median fund in Preqin category

⁶ PME Benchmark is Russell 3000 Index

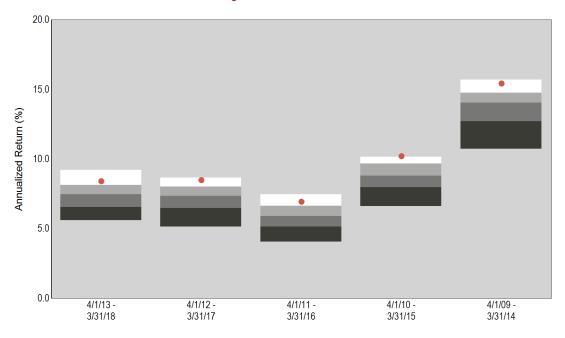
Total Fund vs. Peer Universe

Market Value: \$2,292.1 Million and 100.0% of Fund

Annualized Return vs. Annualized Standard Deviation 5 Years Ending March 31, 2018



Rolling 5 Year Returns



	Return (Rank)								
5th Percentile	9.2	8.7		7.5		10.2		15.7	
25th Percentile	8.1	8.0		6.6		9.7		14.8	
Median	7.5	7.4		5.9		8.8		14.0	
75th Percentile	6.5	6.5		5.1		8.0		12.7	
95th Percentile	5.6	5.2		4.1		6.6		10.7	
# of Portfolios	23	55		50		54		49	
Total Fund Composite	8.4 ((16) 8.5	(10)	6.9	(13)	10.2	(5)	15.4	(10)

Investment Manager Statistics

Market Value: \$2,292.1 Million and 100.0% of Fund

3 Years Ending March 31, 2018

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Total Fund Composite	1.1	5.4%	1.3%	0.5	0.8	-0.7	5.9%	53.7%	57.8%
S&P 500	1.0						10.3%		
Total Fund Composite	1.1	5.5%	2.7%	0.5	0.9	-0.2	5.9%	54.1%	46.2%
MSCI ACWI	0.7	-					10.9%	-	
Total Fund Composite	1.1	1.0%	0.3%	1.0	1.0	0.1	5.9%	99.5%	96.6%
Target Benchmark	1.0						5.9%		
Fixed Income Composite	0.9	2.9%	2.4%	0.4	0.2	0.6	2.7%	92.8%	32.1%
BBgBarc US Aggregate TR	0.2	-				-	2.7%		
BlackRock Strategic Income Opps	1.0	3.1%	2.3%	0.1	0.0	0.4	1.8%	50.1%	-8.7%
BBgBarc US Aggregate TR	0.2						2.7%		
Shenkman - Four Points	1.0	1.8%	0.9%	0.9	0.9	0.1	5.0%	94.2%	87.2%
BBgBarc US High Yield TR	0.8	-				-	5.6%		
PIMCO	0.5	223.5%	107.9%	0.8	0.0	0.5	223.5%	3,545.3%	-755.5%
BBgBarc US Aggregate TR	0.2						2.7%		
U.S. Equity Composite	0.8	4.2%	-1.7%	1.0	0.9	-0.4	11.0%	93.6%	106.8%
S&P 500	1.0						10.3%		
U.S. Equity Composite	0.8	5.7%	1.9%	0.9	0.7	0.2	11.0%	91.5%	83.0%
MSCI ACWI	0.7						10.9%		
U.S. Equity Composite	0.8	3.1%	-1.4%	1.0	0.9	-0.4	11.0%	94.5%	103.0%
Russell 3000	0.9						10.4%		
NTGI Russell 1000 Value	0.7	0.1%	0.1%	1.0	1.0	1.7	10.4%	100.3%	99.4%
Russell 1000 Value	0.7						10.4%		
NTGI Russell 1000 Growth	1.1	0.0%	0.0%	1.0	1.0	0.3	11.0%	99.9%	99.8%
Russell 1000 Growth	1.1						11.0%		
NTGI S&P 400	0.8	0.0%	0.1%	1.0	1.0	4.3	11.2%	100.3%	99.8%
S&P 400 MidCap	0.8	-	-	_	_	_	11.2%		_
NTGI Russell 2000 Value	0.5	0.1%	0.2%	1.0	1.0	3.3	14.1%	100.8%	99.6%
Russell 2000 Value	0.5				-		14.1%		
	0.0						11.170		

Investment Manager Statistics

Market Value: \$2,292.1 Million and 100.0% of Fund

3 Years Ending March 31, 2018

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Mondrian	0.4	3.5%	0.0%	0.9	0.9	-0.1	12.1%	99.6%	101.5%
MSCI EAFE	0.4						12.3%		
Harding Loevner	0.7	4.2%	4.3%	1.0	0.9	1.0	13.0%	112.3%	87.3%
MSCI EAFE	0.4						12.3%		
DFA	0.8	3.7%	-1.4%	1.0	0.9	-0.5	12.0%	82.2%	89.9%
MSCI EAFE Small Cap	1.0						11.9%		
DFA Emerging Markets Small Cap	0.6	3.8%	3.2%	1.0	0.9	0.8	15.5%	106.4%	91.4%
MSCI Emerging Markets Small Cap	0.4						15.1%		
Hedge Fund Composite	-0.4	5.7%	-2.6%	0.5	0.1	-0.6	5.7%	2.2%	51.7%
HFRI FOF: Diversified Index	0.3						3.3%		
Fintan Partners	-0.3	6.5%	-1.5%	0.1	0.0	-0.5	5.8%	-18.2%	0.7%
HFRI Fund of Funds Composite Index	0.4			-			3.5%	-	
Risk Parity Composite	0.3	6.0%	-2.0%	0.7	0.4	-0.7	7.0%	59.0%	94.5%
60% Wilshire 5000/40% BarCap Aggregate	1.0			-			6.2%	-	
AQR Risk Parity	0.3	6.0%	-2.0%	0.7	0.4	-0.7	7.0%	59.0%	94.5%
60% Wilshire 5000/40% BarCap Aggregate	1.0						6.2%		

Investment Manager Statistics

Market Value: \$2,292.1 Million and 100.0% of Fund

5 Years Ending March 31, 2018

				5	,				
	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Total Fund Composite	1.4	5.2%	1.3%	0.5	0.8	-0.9	5.9%	48.2%	59.9%
S&P 500	1.3			-	-		9.9%	-	
Total Fund Composite	1.4	5.1%	3.4%	0.5	0.9	-0.2	5.9%	54.5%	49.0%
MSCI ACWI	0.9						10.3%		
Total Fund Composite	1.4	1.1%	0.5%	1.0	1.0	0.4	5.9%	103.2%	97.8%
Target Benchmark	1.3						5.8%		
Fixed Income Composite	1.0	2.5%	2.0%	0.7	0.4	0.6	3.0%	99.5%	56.1%
BBgBarc US Aggregate TR	0.5		-	-			2.9%		
Shenkman - Four Points	1.2	1.8%	1.7%	0.8	0.9	0.5	4.7%	93.9%	75.3%
BBgBarc US High Yield TR	0.9						5.3%		
PIMCO	0.3	173.6%	56.1%	0.5	0.0	0.3	173.6%	1,964.0%	-330.6%
BBgBarc US Aggregate TR	0.5						2.9%		
U.S. Equity Composite	1.1	2.8%	-1.3%	1.0	0.9	-0.3	10.8%	98.7%	104.6%
Russell 3000	1.3						10.0%	-	
U.S. Equity Composite	1.1	5.6%	4.0%	0.9	0.7	0.6	10.8%	104.6%	82.1%
MSCI ACWI	0.9		-				10.3%		
U.S. Equity Composite	1.1	3.9%	-1.4%	1.0	0.9	-0.3	10.8%	98.2%	106.4%
S&P 500	1.3		-				9.9%		
Non-U.S. Equity Composite	0.6	8.3%	-1.7%	0.8	0.5	-0.4	11.8%	65.9%	85.1%
Mondrian	0.6	8.6%	-1.5%	0.8	0.5	-0.4	11.9%	65.7%	84.3%
Harding Loevner	0.7	8.7%	0.0%	0.9	0.5	-0.2	12.3%	75.5%	81.9%
DFA	0.8	9.1%	1.1%	0.9	0.5	0.0	12.5%	78.5%	77.8%
Hedge Fund Composite	0.2	8.9%	-1.0%	0.2	0.2	-1.0	5.4%	15.9%	38.4%

Shenkman - Four Points

Characteristics

As of March 31, 2018 Market Value: \$70.8 Million and 3.1% of Fund

Risk / Return - 3 Years



C	haracteristics			Sector			Maturity
	Portfolio	Index		Portfolio	Index		Q4-17
	Q4-17	Q4-17		Q4-17	Q4-17	<1 Year	3.1%
Yield to Maturity	5.4%	5.7%	UST/Agency	-		1-3 Years	19.3%
Avg. Eff. Maturity	5.8 yrs.	6.3 yrs.	Corporate	95.5%	100.0%	3-5 Years	35.1%
Avg. Duration	4.9 yrs.	3.9 yrs.	MBS	-		5-7 Years	21.7%
Avg. Quality	В		ABS			7-10 Years	14.2%
			Foreign	4.5%		10-15 Years	0.9%
		Number Of	Muni			15-20 Years	2.4%
Region		Assets	Other	-		>20 Years	3.2%
North America ex U.S.		16				Not Rated/Cash	0.0%
United States		527					

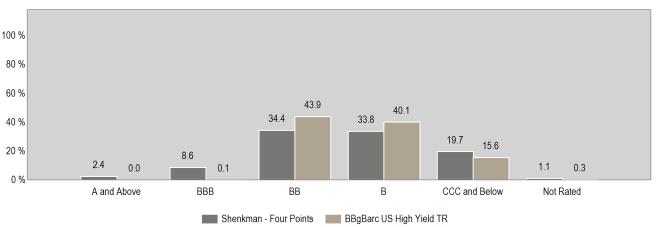
Quality Distribution

13

3

2

3



Europe Ex U.K.

United Kingdom

Emerging Markets

Japan

Pacific Basin Ex Japan

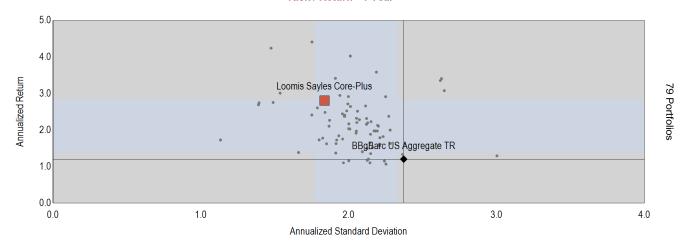
Loomis Sayles Core-Plus

Characteristics

As of March 31, 2018

Market Value: \$159.0 Million and 6.9% of Fund

Risk / Return - 1 Year

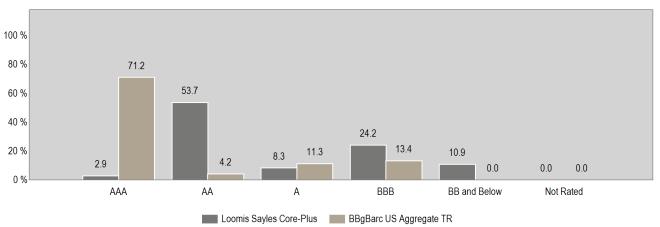


	Characteristics			Sector		Ma	turity
	Portfolio	Index		Portfolio	Index		Q1-18
	Q1-18	Q1-18		Q1-18	Q1-18	<1 Year	14.4%
Yield to Maturity	3.1%	3.1%	UST/Agency	34.6%	44.1%	1-3 Years	14.7%
Avg. Eff. Maturity	9.4 yrs.	8.4 yrs.	Corporate	32.4%	25.2%	3-5 Years	12.6%
Avg. Duration	6.7 yrs.	6.1 yrs.	MBS	27.2%	30.1%	5-7 Years	16.0%
Avg. Quality	А		ABS	0.8%	0.5%	7-10 Years	23.2%
			Foreign	6.7%		10-15 Years	1.5%
		Normale and Of	Muni			15-20 Years	1.2%
Region		Number Of Assets	Other	-1.6%		>20 Years	16.4%
United States		321				Not Rated/Cash	0.0%
Europe Ex U.K.		2					
United Kingdom		3					

Quality Distribution

7

342



Emerging Markets

Other

Total

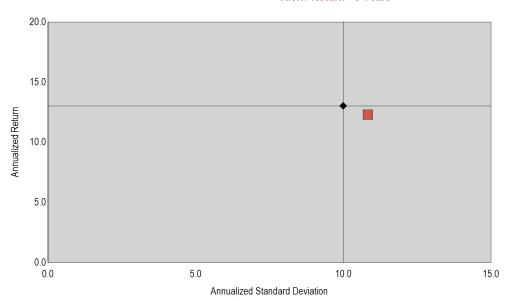
U.S. Equity Composite

Characteristics

Market Value: \$655.1 Million and 28.6% of Fund

As of March 31, 2018

Risk / Return - 5 Years



- U.S. Equity Composite Russell 3000

Characteristics

	Portfolio	Russell 3000
Number of Holdings	2,449	2,958
Weighted Avg. Market Cap. (\$B)	70.3	152.0
Median Market Cap. (\$B)	3.5	1.7
Price To Earnings	21.9	23.5
Price To Book	3.4	4.3
Price To Sales	3.3	4.0
Return on Equity (%)	15.7	19.0
Yield (%)	2.0	1.8
Beta	1.0	1.0
R-Squared	0.9	1.0

Characteristics

INDUSTRY SECTOR DISTRIBUTION (% Equity)	Portfolio	Russell 3000
Energy	6.1	5.4
Materials	4.7	3.3
Industrials	11.1	10.9
Consumer Discretionary	12.2	12.8
Consumer Staples	5.1	6.8
Health Care	9.1	13.3
Financials	21.2	15.1
Information Technology	15.5	23.9
Telecommunication Services	1.1	1.8
Utilities	5.2	2.9
Real Estate	6.0	3.7
Unclassified	0.1	0.0

Largest Holdings

	Ena weight	Return
APPLE	1.2	-0.5
MICROSOFT	0.9	7.2
AMAZON.COM	0.8	23.8
BERKSHIRE HATHAWAY 'B'	0.8	0.6
JP MORGAN CHASE & CO.	0.8	3.4

Top Contributors

	End Weight	Return	Contribution
AMAZON.COM	0.8	23.8	0.2
NETFLIX	0.2	53.9	0.1
XL GROUP	0.1	57.8	0.1
MICROSOFT	0.9	7.2	0.1
INTEL	0.5	13.6	0.1

Bottom Contributors

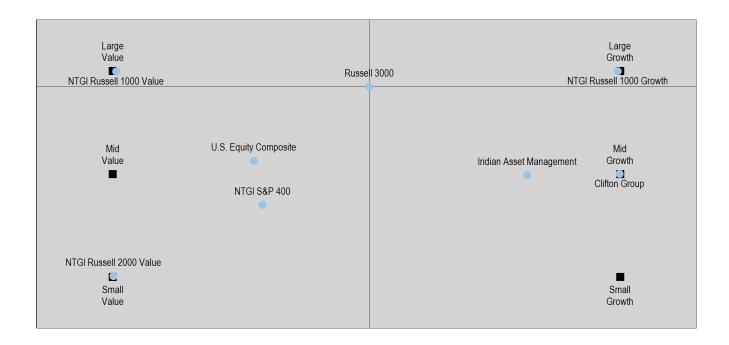
	End Weight	Return	Contribution
EXXON MOBIL	0.6	-9.9	-0.1
WELLS FARGO & CO	0.5	-13.1	-0.1
PROCTER & GAMBLE	0.4	-13.1	-0.1
JOHNSON & JOHNSON	0.7	-7.7	-0.1
GENERAL ELECTRIC	0.2	-22.1	0.0

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
U.S. Equity Composite	23.0%	22.8%	22.1%	13.6%	18.5%
Russell 3000	5.7%	9.3%	16.3%	28.3%	40.4%
Weight Over/Under	17.3%	13.6%	5.8%	-14.7%	-21.9%

As of March 31, 2018

U.S. Equity Style Map

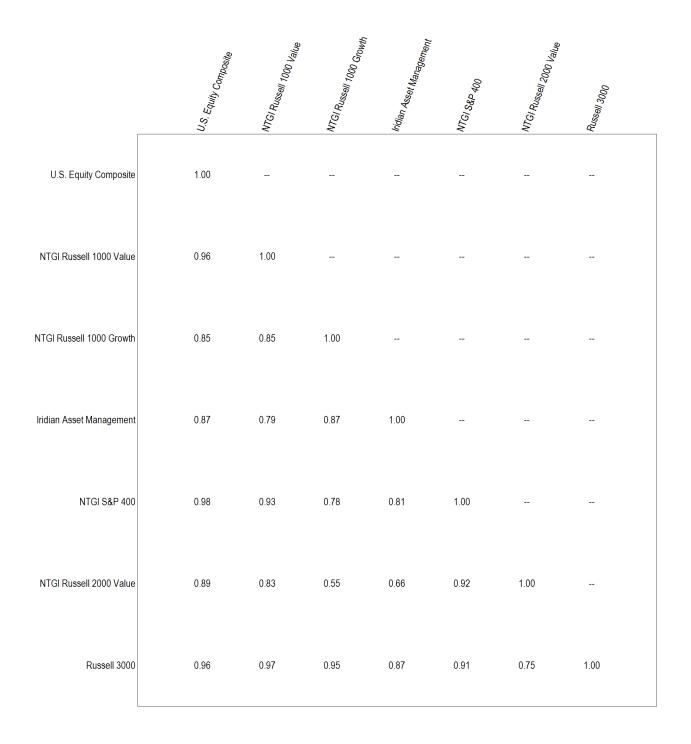


Common Holdings Matrix

	o S	o.s. Equity Composite	Ç.W	"' ' 's' Russell 1000 Value	EN.	"'' SI Russell 1000 Growth	in.	rigan Asset Management	Č.N	V. G. S&P 400	Ç.W	" GI Russell 2000 Value
	#	%	#	%	#	%	#	%	#	%	#	%
U.S. Equity Composite			711	100	553	99	0	0	401	98	1,397	98
NTGl Russell 1000 Value	711	49			289	25	0	0	187	52	0	0
NTGI Russell 1000 Growth	553	35	289	29			0	0	110	36	0	0
Iridian Asset Management	0	0	0	0	0	0			0	0	0	0
NTGI S&P 400	401	23	187	6	110	4	0	0			104	23
NTGI Russell 2000 Value	1,397	29	0	0	0	0	0	0	104	16		

As of March 31, 2018

Correlation Matrix 3 Years



Non-U.S. Equity Composite

Characteristics

As of March 31, 2018 Market Value: \$545.4 Million and 23.8% of Fund

Risk / Return - 5 Years



Characteristics

	Portfolio	ACWI ex USA
Number of Holdings	7,349	1,864
Weighted Avg. Market Cap. (\$B)	37.2	65.0
Median Market Cap. (\$B)	0.4	8.5
Price To Earnings	17.9	18.6
Price To Book	2.4	2.5
Price To Sales	2.3	2.3
Return on Equity (%)	13.1	15.4
Yield (%)	2.8	3.0
Beta	1.0	1.0
R-Squared	1.0	1.0

Region	% of Total	% of Bench
North America ex U.S.	2.0%	6.1%
United States	0.9%	0.0%
Europe Ex U.K.	26.7%	31.6%
United Kingdom	10.0%	11.9%
Pacific Basin Ex Japan	10.7%	8.0%
Japan	13.3%	16.7%
Emerging Markets	36.1%	25.2%
Other	0.2%	0.5%
Total	100.0%	100.0%

Characteristics

Ollaracteristics		
	Portfolio	MSCI ACWI ex USA
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	6.9	6.7
Materials	10.4	8.0
Industrials	14.7	11.8
Consumer Discretionary	12.3	11.4
Consumer Staples	6.5	9.4
Health Care	8.1	7.7
Financials	18.3	23.2
Information Technology	12.7	11.8
Telecommunication Services	3.1	3.9
Utilities	3.3	3.0
Real Estate	3.0	3.2
Unclassified	0.0	0.0

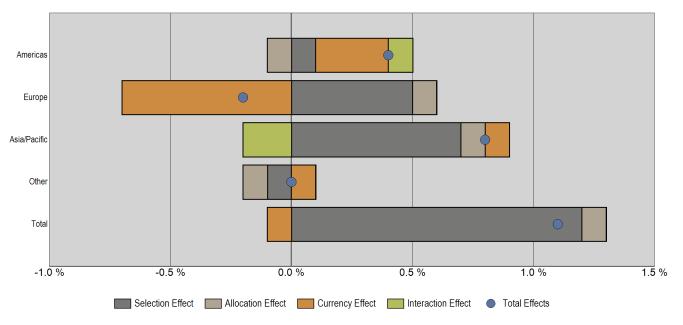
Market Capitalization

	Small Cap	Mid Cap	Large Cap
Non-U.S. Equity Composite	41.9%	10.6%	47.5%
MSCI ACWI ex USA	5.0%	19.3%	75.7%

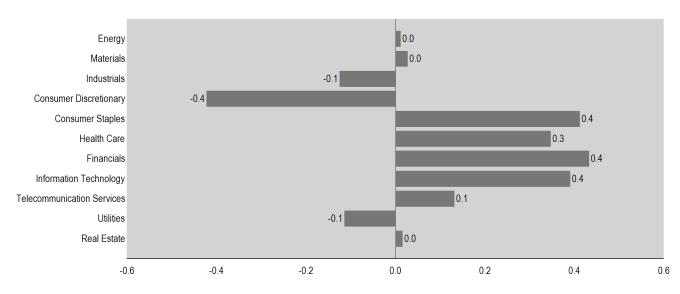
Market Value: \$545.4 Million and 23.8% of Fund

As of March 31, 2018

Non-U.S. Equity Composite Performance Attribution vs. MSCI ACWI ex USA



Active Contribution vs. MSCI ACWI ex USA



Non-U.S. Equity Composite

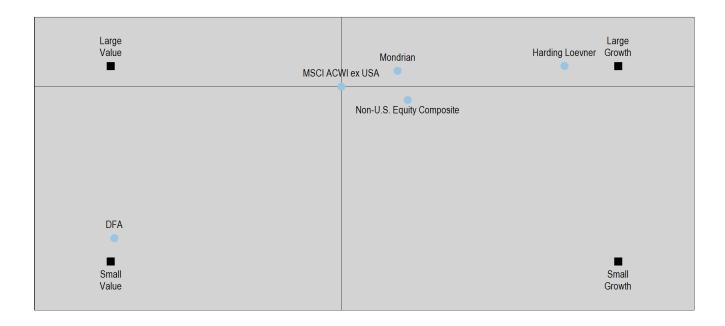
Market Cap Attribution vs. MSCI ACWI ex USA

	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 102.91	13.6%	19.6%	-6.0%	-2.4%	-3.3%	0.8%	-0.1%	0.0%	-0.1%	-0.4%	-0.5%
2) 47.16 - 102.91	14.6%	20.4%	-5.7%	0.1%	-1.1%	1.3%	0.0%	-0.1%	-0.1%	0.0%	-0.1%
3) 24.11 - 47.16	9.9%	20.0%	-10.1%	4.2%	0.4%	3.8%	-0.1%	0.2%	0.1%	0.3%	0.5%
4) 11.56 - 24.11	12.5%	20.0%	-7.5%	1.2%	-0.6%	1.7%	0.0%	0.1%	0.0%	0.1%	0.1%
5) 0.00 - 11.56	49.3%	20.0%	29.3%	-0.1%	-1.0%	0.9%	-0.1%	1.2%	1.1%	0.0%	1.1%
Total				-0.1%	-1.1%	1.0%	-0.3%	1.3%	1.0%	0.0%	1.0%

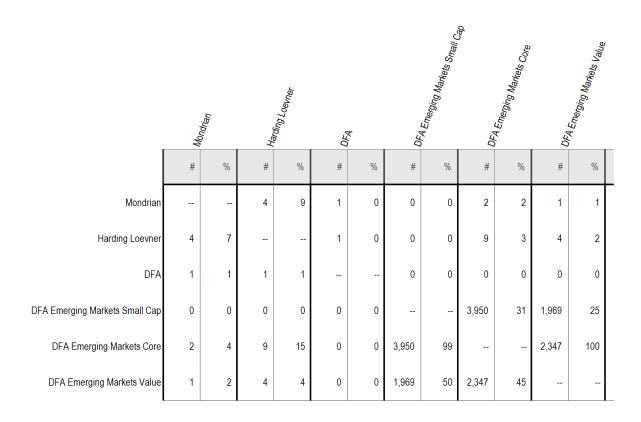
Market Value: \$545.4 Million and 23.8% of Fund

As of March 31, 2018

Equity Style Map 3 Years Ending March 31, 2018

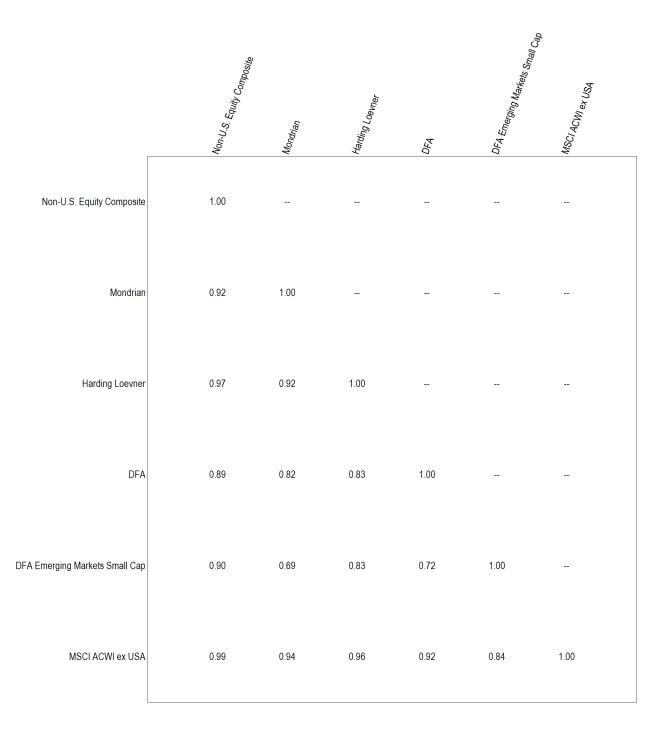


Common Holdings Matrix



As of March 31, 2018

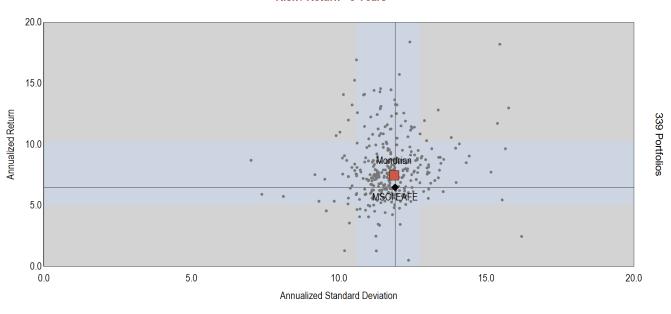
Correlation Matrix 3 Years



Mondrian Characteristics

As of March 31, 2018 Market Value: \$116.5 Million and 5.1% of Fund

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI EAFE
Number of Holdings	67	926
Weighted Avg. Market Cap. (\$B)	60.3	56.9
Median Market Cap. (\$B)	38.7	11.2
Price To Earnings	13.3	18.1
Price To Book	1.7	2.5
Price To Sales	1.4	2.2
Return on Equity (%)	12.2	14.2
Yield (%)	4.0	3.2
Beta	0.9	1.0
R-Squared	0.9	1.0

Region	% of Total	% of Bench
North America ex U.S.	0.0%	0.0%
United States	0.0%	0.0%
Europe Ex U.K.	44.8%	46.0%
United Kingdom	22.2%	17.4%
Pacific Basin Ex Japan	13.5%	11.7%
Japan	17.7%	24.5%
Emerging Markets	1.8%	0.0%
Other	0.0%	0.5%
Total	100.0%	100.0%

Characteristics

Characteristics				
	Portfolio	MSCI EAFE		
INDUSTRY SECTOR DISTRIBUTION (% Equity)				
Energy	10.3	5.3		
Materials	1.2	8.0		
Industrials	13.3	14.6		
Consumer Discretionary	14.3	12.6		
Consumer Staples	8.1	11.0		
Health Care	10.9	10.2		
Financials	15.6	21.1		
Information Technology	6.5	6.5		
Telecommunication Services	9.8	3.8		
Utilities	8.0	3.3		
Real Estate	1.2	3.5		
Unclassified	0.0	0.0		

Market Capitalization

	Small Cap	Mid Cap	Large Cap
Mondrian	5.2%	9.0%	85.8%
MSCI EAFE	4.7%	19.9%	75.4%

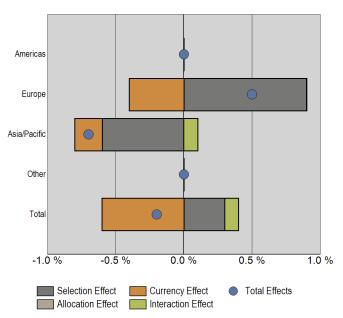
Mondrian Attribution

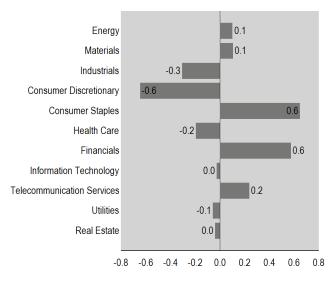
As of March 31, 2018

Market Value: \$116.5 Million and 5.1% of Fund

Active Contribution







Mondrian

	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 101.23	19.9%	19.9%	0.0%	-2.9%	-4.9%	2.0%	0.0%	0.4%	0.4%	-0.7%	-0.3%
2) 50.66 - 101.23	22.3%	20.0%	2.3%	0.4%	-1.2%	1.6%	0.0%	0.4%	0.4%	0.0%	0.5%
3) 27.86 - 50.66	26.0%	20.0%	5.9%	-1.6%	-0.1%	-1.4%	0.1%	-0.2%	-0.1%	0.3%	0.1%
4) 13.27 - 27.86	18.7%	20.1%	-1.4%	-0.2%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.3%	0.2%
5) 0.00 - 13.27	13.1%	20.0%	-6.9%	-5.8%	-0.9%	-4.9%	0.0%	-0.8%	-0.8%	0.1%	-0.7%

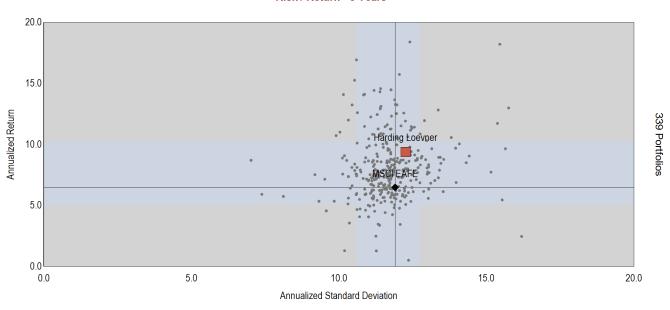
Harding Loevner

Characteristics

Market Value: \$121.5 Million and 5.3% of Fund

As of March 31, 2018

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI EAFE
Number of Holdings	66	926
Weighted Avg. Market Cap. (\$B)	73.8	56.9
Median Market Cap. (\$B)	35.7	11.2
Price To Earnings	26.8	18.1
Price To Book	4.2	2.5
Price To Sales	4.4	2.2
Return on Equity (%)	18.7	14.2
Yield (%)	2.2	3.2
Beta	1.0	1.0
R-Squared	0.9	1.0

Region	% of Total	% of Bench
North America ex U.S.	1.9%	0.0%
United States	3.8%	0.0%
Europe Ex U.K.	41.0%	46.0%
United Kingdom	9.1%	17.4%
Pacific Basin Ex Japan	7.9%	11.7%
Japan	15.5%	24.5%
Emerging Markets	20.8%	0.0%
Other	0.0%	0.5%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI EAFE
INDUSTRY SECTOR DISTRIBUTION (%	6 Equity)	
Energy	5.2	5.3
Materials	7.6	8.0
Industrials	12.6	14.6
Consumer Discretionary	6.0	12.6
Consumer Staples	7.0	11.0
Health Care	17.7	10.2
Financials	19.6	21.1
Information Technology	20.9	6.5
Telecommunication Services	0.0	3.8
Utilities	0.0	3.3
Real Estate	0.9	3.5
Unclassified	0.0	0.0

Market Capitalization

	Small Cap	Mid Cap	Large Cap
Harding Loevner	3.7%	12.9%	83.4%
MSCI EAFE	4.7%	19.9%	75.4%

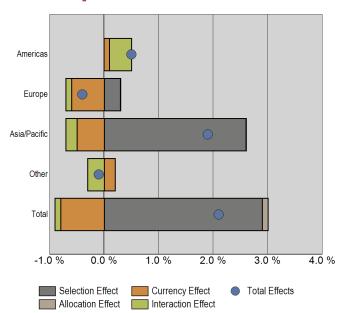
Harding Loevner

Attribution

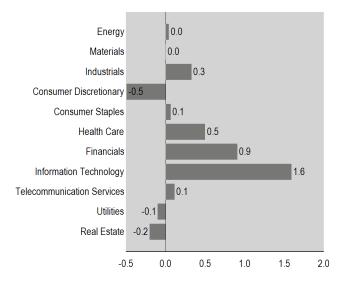
Market Value: \$121.5 Million and 5.3% of Fund

As of March 31, 2018

Harding Loevner Performance Attribution vs. MSCI EAFE



Active Contribution



Harding Loevner

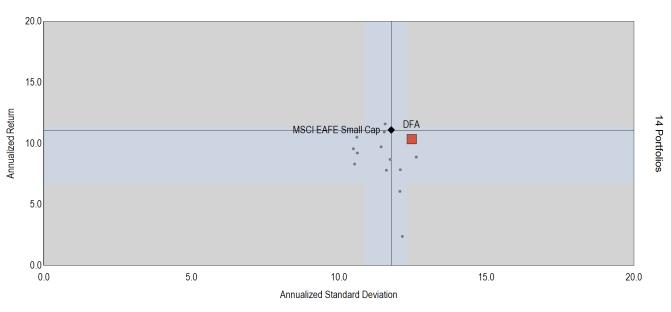
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 101.23	35.9%	19.9%	16.0%	-3.7%	-4.9%	1.2%	-0.5%	0.9%	0.3%	-0.7%	-0.4%
2) 50.66 - 101.23	17.3%	20.0%	-2.7%	-2.9%	-1.2%	-1.7%	0.0%	-0.4%	-0.4%	0.0%	-0.3%
3) 27.86 - 50.66	17.1%	20.0%	-2.9%	3.7%	-0.1%	3.8%	0.0%	0.6%	0.6%	0.3%	0.8%
4) 13.27 - 27.86	13.9%	20.1%	-6.2%	6.7%	-0.1%	6.8%	-0.1%	0.7%	0.7%	0.3%	0.9%
5) 0.00 - 13.27	15.8%	20.0%	-4.2%	5.8%	-0.9%	6.7%	0.0%	0.9%	0.9%	0.1%	1.0%

Characteristics

Market Value: \$118.0 Million and 5.1% of Fund

As of March 31, 2018

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI EAFE Small Cap
Number of Holdings	2,092	2,288
Weighted Avg. Market Cap. (\$B)	2.2	2.9
Median Market Cap. (\$B)	0.5	1.2
Price To Earnings	14.0	19.0
Price To Book	1.3	2.6
Price To Sales	1.3	2.3
Return on Equity (%)	7.5	13.4
Yield (%)	2.6	2.3
Beta	1.0	1.0
R-Squared	0.9	1.0

Region	% of Total	% of Bench
North America ex U.S.	7.3%	0.0%
United States	0.2%	0.0%
Europe Ex U.K.	36.9%	38.0%
United Kingdom	15.1%	18.2%
Pacific Basin Ex Japan	11.6%	11.3%
Japan	28.1%	31.0%
Emerging Markets	0.0%	0.0%
Other	0.8%	1.5%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI EAFE Small Cap
INDUSTRY SECTOR DISTRIBUTION (% Ed	quity)	
Energy	5.6	2.4
Materials	16.7	9.4
Industrials	23.4	21.3
Consumer Discretionary	16.3	15.8
Consumer Staples	4.8	6.8
Health Care	1.9	7.3
Financials	20.6	11.6
Information Technology	4.8	11.5
Telecommunication Services	1.0	1.3
Utilities	1.9	2.1
Real Estate	3.1	10.5
Unclassified	0.0	0.0

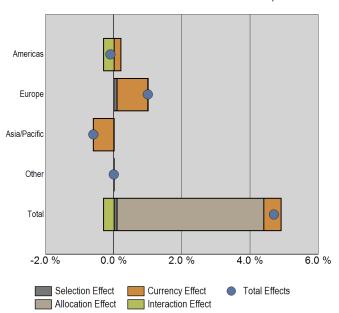
Market Capitalization

	Small Cap	Mid Cap	Large Cap
DFA	95.9%	4.1%	0.0%
MSCI EAFE Small Cap	91.7%	8.3%	0.0%

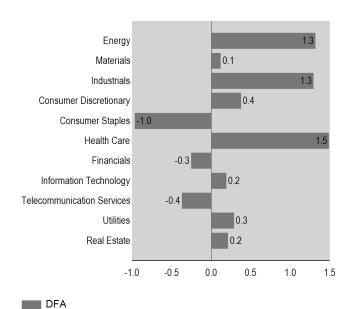
Market Value: \$118.0 Million and 5.1% of Fund

As of March 31, 2018

DFA Performance Attribution vs. MSCI EAFE Small Cap



Active Contribution



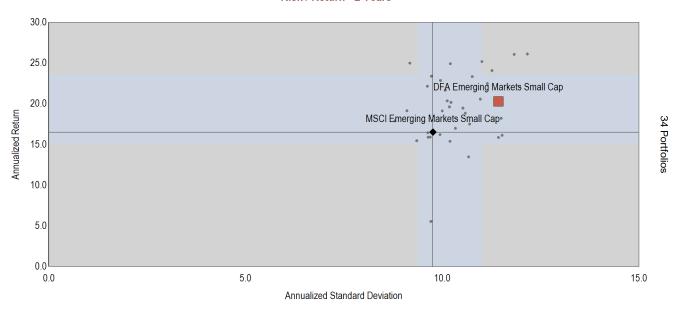
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 4.23	18.7%	20.0%	-1.4%	6.4%	0.8%	5.5%	0.0%	-0.5%	-0.5%	0.1%	-0.4%
2) 2.93 - 4.23	14.6%	20.0%	-5.4%	5.5%	2.1%	3.4%	0.5%	3.3%	3.8%	0.4%	4.1%
3) 1.96 - 2.93	17.2%	20.0%	-2.8%	4.2%	-0.1%	4.3%	-0.1%	2.3%	2.2%	-0.1%	2.1%
4) 1.17 - 1.96	19.5%	20.1%	-0.6%	3.7%	-0.2%	3.9%	-0.1%	1.3%	1.2%	-0.1%	1.1%
5) 0.00 - 1.17	30.1%	19.9%	10.2%	4.3%	-0.9%	5.3%	0.0%	-2.3%	-2.3%	-0.3%	-2.6%

DFA Emerging Markets Small Cap

Characteristics

As of March 31, 2018 Market Value: \$75.3 Million and 3.3% of Fund

Risk / Return - 2 Years



Characteristics

	Portfolio	Emerging Markets Small Cap
Number of Holdings	4,124	1,815
Weighted Avg. Market Cap. (\$B)	1.5	1.5
Median Market Cap. (\$B)	0.3	0.7
Price To Earnings	19.3	19.0
Price To Book	2.9	2.8
Price To Sales	2.3	2.3
Return on Equity (%)	13.6	13.6
Yield (%)	2.3	2.2
Beta	1.0	1.0
R-Squared	0.9	1.0

Region	% of Total	% of Bench
North America ex U.S.	0.0%	0.0%
United States	0.3%	0.0%
Europe Ex U.K.	0.4%	0.8%
United Kingdom	0.0%	0.0%
Pacific Basin Ex Japan	13.4%	0.0%
Japan	0.0%	0.0%
Emerging Markets	85.6%	98.0%
Other	0.4%	1.2%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI Emerging Markets Small Cap
INDUSTRY SECTOR DISTRIBUTION (%	6 Equity)	
Energy	1.3	2.3
Materials	13.0	11.7
Industrials	15.0	14.2
Consumer Discretionary	16.8	16.7
Consumer Staples	7.7	7.0
Health Care	7.0	9.4
Financials	8.4	8.8
Information Technology	17.1	16.5
Telecommunication Services	0.8	0.9
Utilities	4.9	3.7
Real Estate	7.8	8.8
Unclassified	0.2	0.0

Market Capitalization

	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Small Cap	85.5%	14.3%	0.2%
MSCI Emerging Markets Small Cap	89.3%	10.7%	0.0%

DFA Emerging Markets Small Cap

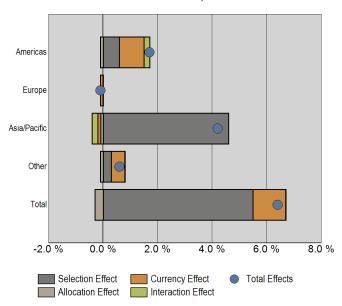
As of March 31, 2018

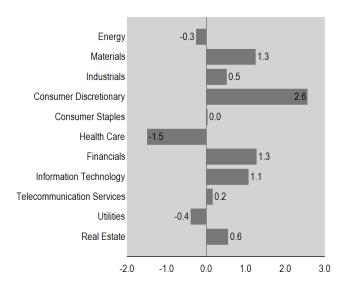
Attribution

Market Value: \$75.3 Million and 3.3% of Fund

Active Contribution

DFA Emerging Markets Small Cap Performance Attribution vs. MSCI Emerging Markets Small Cap





DFA Emerging Markets Small Cap

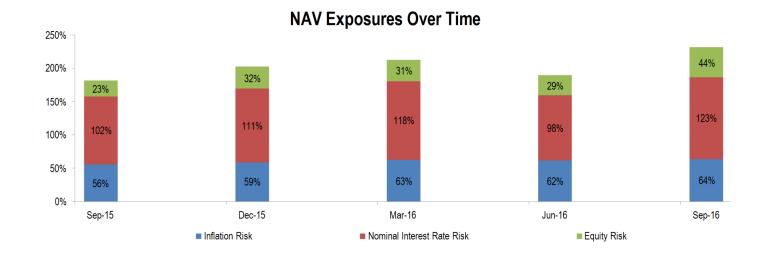
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 2.08	24.8%	19.9%	4.8%	7.7%	-0.1%	7.8%	0.3%	1.9%	2.2%	-0.1%	2.1%
2) 1.40 - 2.08	13.3%	20.1%	-6.7%	6.5%	2.0%	4.5%	-0.3%	-0.7%	-1.0%	0.3%	-0.7%
3) 0.98 - 1.40	14.0%	20.0%	-6.0%	5.0%	-1.3%	6.3%	0.5%	-0.6%	-0.1%	-0.3%	-0.4%
4) 0.63 - 0.98	15.5%	20.0%	-4.5%	5.1%	0.4%	4.7%	0.3%	-0.2%	0.1%	0.0%	0.1%
5) 0.00 - 0.63	32.5%	20.0%	12.5%	7.9%	0.9%	7.0%	0.4%	4.9%	5.2%	0.1%	5.3%

AQR Risk Parity Characteristics

As of March 31, 2018 Market Value: \$113.9 Million and 5.0% of Fund

Moderate Risk Volatility Target: 10%
Daily Estimated Value at Risk: 0.7%

Risk Type	% of NAV Long	% of Risk	Market Type	% of NAV Long
and Subtype	Exposure	Allocation	and Region	Exposure
Equity Risk			Equity Market Exposures	
Global Developed Equities	32%	23%	Americas	26%
Global Emerging Equities	8%	7%	Europe	8%
U.S. Mid Cap Equities	2%	2%	Asia ex. Japan	7%
U.S. Small Cap Equities	2%	2%	Japan	3%
Total Equity Risk	44%	34%	Total Equity Market Exposures	44%
Nominal Interest Rate Risk			Bond Market Exposures	
Global Developed Bonds	123%	33%	Americas	77%
Total Nominal Int. Rate Risk	123%	33%	Europe	65%
			Asia	19%
Inflation Risk			Total Bond Market Exposures	161%
Commodities - Production Weighted	9%	11%		
Commodities - Volatility Weighted	17%	11%		
Global Inflation-Linked Bonds	38%	11%		
Total Inflation Risk	64%	33%		
TOTAL LONG EXPOSURES	231%	100%		



J.P. Morgan Characteristics

As of December 31, 2017

Characteristics

Market Value: \$72.2 Million and 3.1% of Fund

% of NAV 13.8% 10.4%

10.3% 9.1% 6.5%

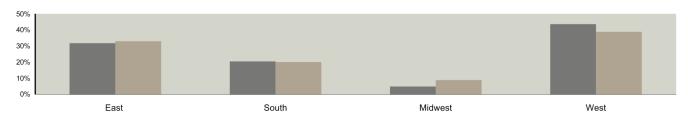
Strategy Breakdown

				% of	
	JPMorgan Strategic Prope	rty Fund		Portfolio	Top Five Metro Areas
Number of Properties		160	Pre-Dvp/Fwd Comm	. 0.0%	New York-Northern Ne
Total Square Feet	113	3,652,776	Development	2.4%	Los Angeles-Long Bea
% in Top Ten		25.8%	Re-Development	0.0%	Dallas-Fort Worth-Arlir
% Leased (By Square Feet)		93.6%	Initial Leasing	1.1%	Boston-Cambridge-Qu
% Leverage		23.3%	Operating	96.5%	San Diego-Carlsbad-S
% Equity		76.7%	Cash, Debt & Other	0.0%	
% Joint Ventures		63.8%			
1-Year Dividend Yield		4.1%			Queue %
1-Year Net Income Return		3.2%	Fund GAV	\$41,595,058,850	3.5%
1-Year Gross Appreciation Return		2.9%	Fund NAV	\$31,894,808,440	4.5%
1-Year Gross Total Return		7.2%	Queue	+\$1,436,700,000	
% of Portfolio Owned by Client		0.2%	Queue Lenath	six to nine months	

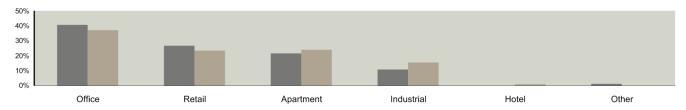
Top Ten Holdings Investment Detail

			Total Cost	Fair Market Value	
Property	Туре	Location	(\$M)	(\$M)	% of Fund
Edens - SPF	Retail	Various,	\$778.8	\$1,163.0	3.7%
Valley Fair Mall	Retail	San Jose Metro Area, CA	\$512.3	\$1,041.6	3.3%
DSRG - SPF	Retail	Various,	\$806.8	\$965.1	3.0%
Royal Hawaiian Center	Retail	Honolulu, HI	\$728.5	\$900.9	2.8%
Alliance Texas - Industrial	Industrial	Fort Worth, TX	\$623.9	\$889.6	2.8%
1345 Avenue of the Americas	Office	New York, NY	\$670.9	\$733.5	2.3%
University Towne Center	Retail	San Diego, CA	\$446.1	\$674.5	2.1%
Water Garden II	Office	Santa Monica, CA	\$306.2	\$633.6	2.0%
NorthPark Center JV	Retail	Dallas, TX	\$488.2	\$623.9	2.0%
200 Fifth Avenue	Office	New York, NY	\$351.0	\$603.2	1.9%
Total			\$5,712.9	\$8,228.9	25.8%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)



Property Size Breakdown by NAV (Excluding Cash & Debt)





Morgan Stanley Characteristics

As of September 30, 2017

Characteristics

Market Value: \$69.5 Million and 3.0% of Fund

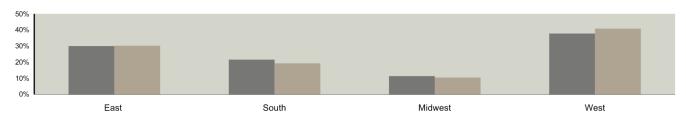
Strategy Breakdown

			% of	
Morgan Stanle	y PRIME Property Fund, LLC		Portfolio	Top Five Metro Areas
Number of Properties	359	Pre-Dvp/Fwd Comm.	1.5%	Los Angeles
Total Square Feet	49,868,811	Development	5.1%	Chicago
6 in Top Ten	25.7%	Re-Development	0.0%	New York
% Leased (By Square Feet)	93.6%	Initial Leasing	2.9%	Boston
% Leverage	18.1%	Operating	90.5%	San Francisco
% Equity	81.9%	Cash, Debt & Other	0.0%	
6 Joint Ventures	40.7%			
-Year Dividend Yield	4.0%			Queue %
I-Year Net Income Return	3.2%	Fund GAV	\$22,561,602,464	7.2%
1-Year Gross Appreciation Return	5.8%	Fund NAV	\$18,604,059,695	8.7%
-Year Gross Total Return	10.3%	Queue	+\$1,620,534,000	
% of Portfolio Owned by Client	0.4%	Queue Length	N/A	

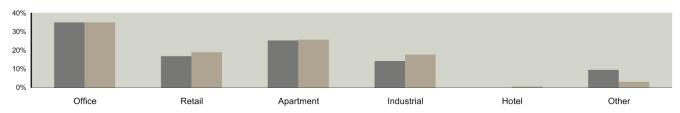
Top Ten Holdings Investment Detail

			Total Cost	Fair Market Value	
Property	Туре	Location	(\$M)	(\$M)	% of Fund
Two Park Avenue	Office	New York, NY	\$694.1	\$710.0	3.5%
Fashion Valley Mall	Retail	San Diego, CA	\$1.1	\$655.3	3.2%
Hills Plaza	Office	San Francisco, CA	\$250.9	\$614.0	3.0%
One Post Office Square	Office	Boston, MA	\$405.6	\$590.0	2.9%
One Maritime Plaza	Office	San Francisco, CA	\$478.5	\$501.0	2.5%
Dadeland Mall	Retail	Miami, FL	-\$82.2	\$497.1	2.5%
Waterview Tower	Office	Arlington, VA	\$461.9	\$460.0	2.3%
155 North Wacker	Office	Chicago, IL	\$498.7	\$416.1	2.1%
Rosedale Shopping Center	Retail	Roseville, MN	\$240.1	\$397.9	2.0%
3301-3307 Hillview	Office	Palo Alto, CA	\$330.7	\$359.0	1.8%
Total			\$3,279.4	\$5,200.4	25.7%

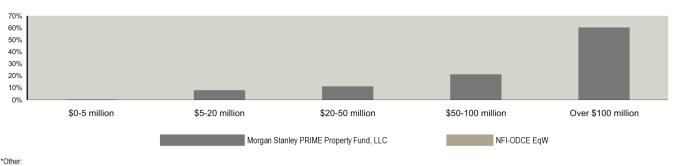
Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)



Property Size Breakdown by NAV (Excluding Cash & Debt)



PRISA III Characteristics

As of December 31, 2017

Characteristics

Market Value: \$39.6 Million and 1.7% of Fund

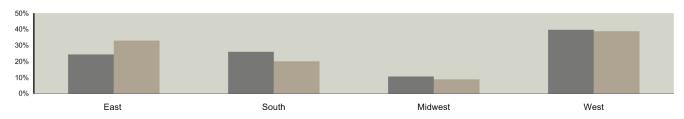
Strategy Breakdown

			% OT		
	PRISA III		Portfolio	Top Five Metro Areas	% of NAV
Number of Properties	60	Pre-Dvp/Fwd Comm.	1.0%	San Francisco	10.9%
Total Square Feet	19,829,813	Development	18.9%	San Diego	10.2%
% in Top Ten	45.2%	Re-Development	0.0%	Chicago	9.9%
% Leased (By Square Feet)	86.2%	Initial Leasing	15.5%	Jersey City	7.8%
% Leverage	41.5%	Operating	55.7%	Los Angeles	7.5%
% Equity	32.6%	Cash, Debt & Other	9.0%		
% Joint Ventures	67.4%				
1-Year Dividend Yield	6.2%			Queue %	
1-Year Net Income Return	1.5%	Fund GAV	\$3,671,821,159	2.6%	
1-Year Gross Appreciation Return	8.8%	Fund NAV	\$1,847,320,238	5.1%	
1-Year Gross Total Return	12.0%	Queue	+\$94,500,000		
% of Portfolio Owned by Client	2.1%	Queue Length			

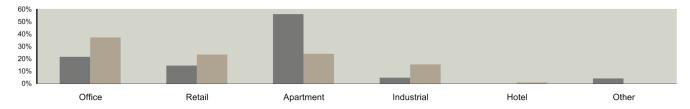
Top Ten Holdings Investment Detail

			Total Cost	Fair Market Value	
Property	Туре	Location	(\$M)	(\$M)	% of Fund
255 California	Office	San Francisco, CA	\$89.0	\$136.0	8.0%
Coronado Bay Club	Apartment	Coronado, CA	\$69.6	\$95.5	5.6%
2305 Mission College Blvd	Office	Santa Clara, CA	\$93.1	\$82.0	4.8%
Terraces at Copley Point	Office	San Diego, CA	\$76.7	\$78.1	4.6%
Arkadia Tower	Apartment	Chicago, IL	\$29.1	\$73.5	4.3%
Marbella South	Apartment	Jersey City, NJ	\$41.5	\$71.8	4.2%
CityPlace - Retail	Retail	Doral, FL	\$41.6	\$66.6	3.9%
Marbella Tower	Apartment	Jersey City, NJ	\$11.2	\$60.3	3.5%
Broadstone Trino	Apartment	Santa Monica, CA	\$5.9	\$54.0	3.2%
Alexan Union Market	Apartment	Washington, DC	\$52.2	\$52.2	3.1%
Total			\$509.8	\$770.0	45.2%

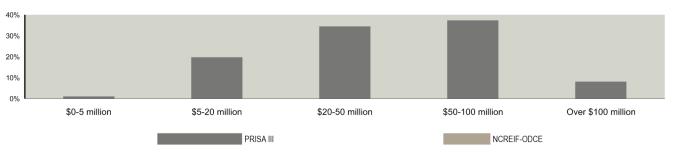
Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)



Property Size Breakdown by NAV (Excluding Cash & Debt)



*Other:Land, Storage and Manufactured Housing



Principal Enhanced Characteristics

As of December 31, 2017

Market Value: \$45.7 Million and 2.0% of Fund

Strategy Breakdown

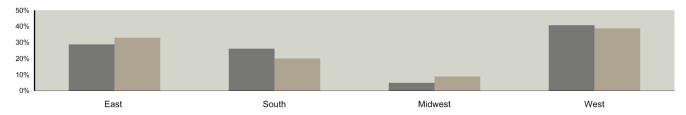
Characteristics

			% of		
	Principal Enhanced Property Fund, L.P		Portfolio	Top Five Metro Areas	% of NAV
Number of Properties	47	Pre-Dvp/Fwd Comm.	0.0%	Denver	10.4%
Total Square Feet	12,575,645	Development	3.0%	Seattle	9.6%
% in Top Ten	37.9%	Re-Development	0.0%	Houston	8.9%
% Leased (By Square Feet)	92.1%	Initial Leasing	10.2%	Charlotte	7.2%
% Leverage	37.9%	Operating	84.9%	Oakland	6.8%
% Equity	62.1%	Cash, Debt & Other	1.9%		
% Joint Ventures	41.5%				
1-Year Dividend Yield	6.0%			Queue %	
1-Year Net Income Return	4.1%	Fund GAV	\$2,656,487,137	7.1%	
1-Year Gross Appreciation Return	3.9%	Fund NAV	\$1,490,459,452	12.7%	
1-Year Gross Total Return	9.4%	Queue	+\$189,805,000		
% of Portfolio Owned by Client	3.1%	Queue Length	9-12 months		

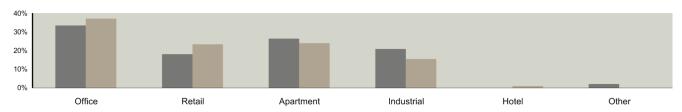
Top Ten Holdings Investment Detail

			Total Cost	Fair Market Value	
Property	Type	Location	(\$M)	(\$M)	% of Fund
Piedmont Office	Office	Charlotte, NC	\$142.1	\$144.6	5.6%
Bay Center	Office	Oakland, CA	\$139.2	\$129.5	5.0%
The Courts at Spring Mill Station	Multifamily	Philadelphia, PA	\$92.8	\$102.3	4.0%
Cerritos Towne Center	Office	Los Angeles, CA	\$151.4	\$91.2	3.5%
Solaris Key	Multifamily	Tampa, FL	\$86.2	\$91.2	3.5%
Mid-South Logistics Center	Industrial	Nashville, TN	\$72.8	\$89.2	3.5%
Bay Area Business Park (Phase I)	Industrial	Houston, TX	\$53.8	\$86.5	3.4%
Baybrook Square	Retail	Houston, TX	\$68.6	\$85.5	3.3%
Coda	Multifamily	Denver, CO	\$57.0	\$79.9	3.1%
Tech Place on 101	Office	San Jose, CA	\$43.8	\$78.9	3.1%
Total			\$907.8	\$978.8	37.9%

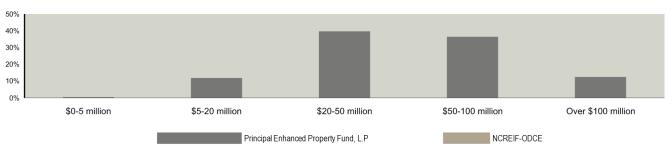
Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)



Property Size Breakdown by NAV (Excluding Cash & Debt)



As of December 31, 2017 Market Value: \$44.9 Million and 2.0% of Fund

Characteristics

Strategy Breakdown

	Alinda Capital Partners LLC
Fund Vintage Year	2008
Total Size of Fund (\$M)	\$4,065.08
% of Capital Called	0.56%
Total Fund GAV (\$M)	\$2,809.70
Total Fund NAV (\$M)	\$2,788.80

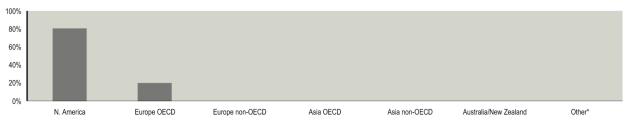
	# of Cos.	Current or Realized MV (\$M)	% of Portfolio
Assets in Portfolio	7	\$2,783.40	100.0%
Active Assets in Portfolio	7	\$2,783.40	100.0%
Assets Realized	4	-\$5.30	0.0%
Assets Written Off	0	\$0.00	0.0%
Assets Written Down	2	-\$129.51	0.0%
Assets Written Up	5	\$1,032.24	0.0%

Active Assets

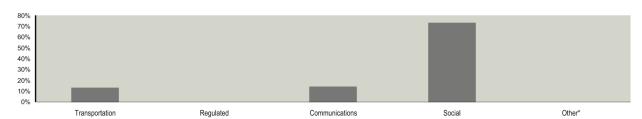
			Investment	Distributions	Fair Mkt	
Holding	Sector	Location	(\$M)	(\$M)	Val (\$M)	% of Portfolio
Binnenlandse Container Terminals Nederland b.	Transportaion	Netherlands	\$103.7	\$50.6	\$151.0	5.4%
Regency Gas Pipeline System	Regulated	Louisiana	\$159.8	\$717.0	\$45.0	1.6%
BCTN Currency Options	Not Applicable	Not Applicable	\$12.9	\$0.0	\$7.3	0.3%
Santa Paula Water LLC	Other	Santa Paula, California	\$0.0	\$0.0	\$0.0	0.0%

Total \$276.4 \$767.6 \$203.3 7.3%

Country Breakdown of Active Assets



Sector Breakdown of Active Assets



Total Fund Annual Cash Flow Summary (\$M)

	2011	2012	2013	2014	2015	2016	2017
Paid-In Capital	-\$1,541	-\$133	-\$730	-\$1,111	-\$172	-\$112	-\$86
Return of Capital	98	141	334	651	333	316	1,273
Income + Gains	3	24	-9	774	639	-236	-325
Fees	-65	-63	-59	-46	-52	43	40
Yearly Total	-1,508	-55	-455	-506	109	160	1,146
Cumulative Total	-\$2 335	-\$2 391	-\$2 846	-\$3 352	-\$3 243	-\$3 082	-\$1 936

Other * =



Macquarie Characteristics

As of December 31, 2017

Characteristics

Market Value: \$57.7 Million and 2.5% of Fund

Strategy Breakdown

	Macquarie Asset Management
Fund Vintage Year	2008
Total Size of Fund (\$M)	\$1,568.95
% of Capital Called	94.94%
Total Fund GAV (\$M)	\$1,578.50
Total Fund NAV (\$M)	\$1,572.20

	# of Cos.	Current or Realized MV (\$M)	% of Portfolio
Assets in Portfolio	6	\$1,556.00	99.2%
Active Assets in Portfolio	5	\$1,556.00	99.2%
Assets Realized	1	\$965.62	61.5%
Assets Written Off	0	\$0.00	0.0%
Assets Written Down	2	\$271.30	17.3%
Assets Written Up	3	\$1,284.70	81.9%

Active Assets

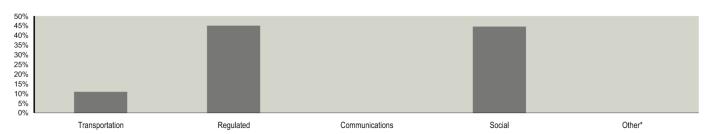
			Investment	Distributions	Fair Mkt	
Holding	Sector	Location	(\$M)	(\$M)	Val (\$M)	% of Portfolio
Puget	Regulated	USA - WA	\$342.4	\$130.5	\$698.5	44.9%
WCA Waste Corporation	Other	USA - Texas	\$275.4	\$4.7	\$419.7	27.0%
Leaf River Energy Center	Other	USA - MS	\$238.5	\$0.0	\$180.7	11.6%
Elizabeth River Tunnels	Transportation	USA - VA	\$75.6	\$3.0	\$166.5	10.7%
Broadrock Renewables	Other	Brea, California and Johnst	\$128.0	\$0.0	\$90.6	5.8%
GTP	Communication	USA, Puerto Rico & Mexico	\$0.0	\$1,019.7	\$0.0	0.0%

Total \$1,059.9 \$1,157.9 \$1,556.0 100.0%

Country Breakdown of Active Assets



Sector Breakdown of Active Assets



Total Fund Annual Cash Flow Summary (\$M)

	2011	2012	2013	2014	2015	2016	2017
Paid-In Capital	-\$180	-\$377	-\$43	\$0	\$ 0	-\$75	\$0
Return of Capital	0	0	889	20	0	0	40
Income + Gains	171	275	161	-51	110	107	258
Fees	-24	-24	-22	-17	-16	-16	-16
Yearly Total	-204	-401	824	3	-16	-91	24
Cumulative Total	-\$1,169	-\$1,569	-\$745	-\$742	-\$758	-\$849	-\$825

2017Securities Lending Revenue

<u>Month</u>	CRS Earnings
January	\$3,360
February	\$4,764
March	\$2,198
April	\$0
May	\$0
June	\$0
July	\$0
August	\$0
September	\$0
October	\$0
November	\$0
December	\$0

Total 2017 YTD Securities Lending Revenue \$10,322

Historic Securities Lending Revenue

<u>Year</u>	CRS Earnings
2018	\$10,322
2017	\$125,636
2016	\$351,379
2015	\$542,312
2014	\$562,374
2013	\$321,534
2012	\$277,849
2011	\$362,989
2010	\$340,835
2009	\$964,503
2008	\$2,365,591
2007	\$1,432,567
2006	\$983,293
2005	\$989,492
2004	\$1,513,575
2003	\$352,142

Total Securities Lending Revenue (July 2003 - Present) \$11,486,072

Update on Collateral Pool Deficiency

Realized loss from Lehman (CRS Share):	\$10,427,589
¹ Securities lending credit towards Lehman loss:	\$1,913,558
Remaining balance from Lehman loss:	\$8 514 032

¹ Beginning in March 2013, all securities lending revenue is being directed to the CRS collateral account to pay down the realized loss from Lehman.



Total Fund Composite Fee Schedule

Market Value: \$2,292.1 Million and 100.0% of Fund

	Expense Ratio &	Industry
Asset Class	Estimated Annual Fee ¹	Average ²
Fixed Income	0.83%	0.69%
	\$1,726,104	
US Equity	0.04%	0.22%
, ,	\$143,329	
Non-US Equity	0.63%	1.01%
	\$3,053,217	
Hedge Funds/Risk Parity	0.25%	0.52%
	\$463,785	
Real Estate	1.70%	1.68%
	\$2,410,518	
Infrastructure	1.16%	1.29%
	\$2,100,000	
Private Equity	0.23%	0.37%
	\$1,347,822	
Total	0.49%	0.89%
	\$11,244,775	

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

² Source: Marquette Associates Investment Management Fee Study.

Total Fund Composite

Fee Schedule

Market Value: \$2,292.1 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Unconstrained Fixed Income	BlackRock Strategic Income Opps	0.55% on the balance	0.55% \$889,455	0.29%
Core Plus Fixed Income	Loomis Sayles Core-Plus	0.30% on the first \$100 million 0.25% on the next \$100 million 0.20% on the next \$200 million 0.15% on the balance	0.28% \$447,424	0.28%
High Yield Fixed Income	Shenkman - Four Points	0.55% on the balance	0.55% \$389,225	0.72%
Large-Cap Value Large-Cap Growth Mid-Cap Core Small-Cap Value	Northern Trust	0.025% on the balance	0.025% \$76,764	0.04%
Mid-Cap Value	Vanguard Mid Cap Value	0.070% on the balance	0.07% \$66,564	0.65%
Non-U.S. Large-Cap Value	Mondrian	0.50% on the first \$50 million 0.35% on the next \$50 million 0.30% on the balance	0.41% \$474,477	0.68%
Non-U.S. Large-Cap Core	Harding Loevner	0.90% on the first \$20 million 0.45% on the next \$80 million 0.25% on the balance	0.49% \$593,751	0.68%
Non-U.S. Small-Cap Value	DFA	0.71% on the balance	0.71% \$837,890	1.08%
Emerging Markets	DFA Emerging Markets Core and Value	0.53% on the balance	0.53% \$604,777	0.90%
EM Small-Cap	DFA Emerging Markets Small Cap	0.72% on the balance	0.72% \$542,323	1.27%
Multi-Strat. Hedge FoF	Fintan Partners	0.75% on the balance	0.75% \$30,909	1.00%
Risk Parity	AQR Risk Parity	0.38% on the balance	0.38% \$432,876	0.83%
Core Real Estate	J.P. Morgan SPF	1.00% on the balance	1.00% \$721,662	1.01%
Core Real Estate	Morgan Stanley P.P.	0.90% on the balance Incentive Fee: 5%*NAV*(Return-NCREIF)	0.90% \$625,070	1.01%
Value-Added Real Estate	PRISA III	1.10% on assets 0.10% on cash balance 0.40% on distributions All expenses capped at 2.0%	1.10% \$435,242	1.01%
Value-Added Real Estate	Principal Enhanced	1.20% on the balance 15% performance fee on returns > 11%	1.20% \$548,247	1.01%
Non-U.S. Core Real Estate	Mesirow/Courtland I	1.00% on the balance (Following seventh anniversary, fee drops to 90% of prior years fee). (8% preferred internal rate of return to investor) 5% carry with 100% catch up provision	1.00% \$80,298	1.01%



Total Fund Composite

Fee Schedule

Market Value: \$2,292.1 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Core Infrastructure	Alinda Fund II	1.50% on committed assets (20% incentive over 8% preferred return)	2.17% \$975,000	2.90%
Core Infrastructure	Macquarie Fund II	1.50% on committed assets (20% incentive over 8% preferred return)	1.69% \$975,000	2.25%
Core Infrastructure	J.P. Morgan Infrastructure	1.00% on the first \$100 million 0.90% on the next \$200 million 0.80% on the balance	1.00% \$150,000	1.41%
Venture Private Equity	Blue Chip Fund IV	\$100,000 annual fee for administrative expenses Plus 20% of profits after all capital returned	4.21% \$100,000	1.25%
Divers. Private Equity	Fort Washington Fund V	0.40% on committed assets (5% incentive over 8% return)	0.84% \$160,000	2.61%
Divers. Private Equity	Fort Washington Fund VI	0.40% on committed assets (5% incentive over 8% return)	0.70% \$120,000	2.19%
Divers. Private Equity	Fort Washington Fund VIII	0.20% on committed assets Yr 1 0.30% on committed assets Yr 2 0.40% on committed assets Yrs 3-8	0.30% \$100,000	1.90%
Divers. Private Equity	Fort Washington Fund IX	0.09% on committed assets Yr 1 0.18% on committed assets Yr 2 0.27% on committed assets Yr 3 0.36% on committed assets Yrs 4-10	0.47% \$45,000	6.46%
Secondary Private Equity FoF	Fort Washington Opp Fund III	0.75% on committed assets (15% incentive over 8% preferred return)	0.98% \$225,000	1.64%
LBO Private Equity	North Sky Fund III - LBO	0.45% on committed assets (5% incentive over 8% return)	1.44% \$135,000	4.00%
Venture Private Equity	North Sky Fund III - VC	0.45% on committed assets (5% incentive over 8% return)	1.27% \$45,000	3.54%
LBO Private Equity	North Sky Fund IV - LBO	0.45% on committed assets (5% incentive over 8% return)	0.75% \$67,500	2.09%
Venture Private Equity	North Sky Fund IV - VC	0.45% on committed assets (5% incentive over 8% return)	1.04% \$67,500	2.89%
Divers. Private Equity	North Sky Fund V	0.65% on committed assets Yrs 1-3 0.55% on committed assets Yrs 4-6 0.45% on committed assets Yrs 7-9 0.35% on committed assets thereafter	1.10% \$260,000	2.11%
Mezz./Special Sit. Private Equity FoF	Portfolio Advisors IV - Special Sit	0.375% on committed assets Yrs 1-3 0.30% on committed assets Yrs 4-5 0.30% on invested capital thereafter (5% incentive over 8% preferred return)	0.30% \$14,730	1.25%
Mezz./Special Sit. Private Equity FoF	Portfolio Advisors V - Special Sit	0.375% on committed assets Yrs 1-3 0.30% on committed assets Yrs 4-5 0.30% on invested capital thereafter (5% incentive over 8% preferred return)	0.30% \$8,093	1.25%
Total Investment Management Fees			0.49% \$11,244,775	0.89%

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



² Source: Marquette Associates Investment Management Fee Study.

³ Annualized