



Cincinnati Retirement System

City of Cincinnati

Retirement System

Executive Summary

September 30, 2018

Manager Status

Market Value: \$2,288.0 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	US & Non-US Equity Indexes	In Compliance	
Vanguard Mid Cap Value	Mid-Cap Value	In Compliance	
DFA	Non-U.S. Small-Cap Value	In Compliance	
DFA Emerging Markets Value	Emerging Markets	In Compliance	
DFA Emerging Markets Core	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: \$2,288.0 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Total Fund Composite		2,288,043,947	-41,026,843	100.0	100.0	0
Fixed Income Composite		394,181,403	-111,517	17.2	17.0	5,213,932
Loomis Sayles Core-Plus	Core Plus Fixed Income	159,199,429	-111,517	7.0	7.0	-963,648
BlackRock Strategic Income Opps	Unconstrained Fixed Income	161,249,635	0	7.0	7.0	1,086,559
Shenkman - Four Points	High Yield Fixed Income	73,732,340	0	3.2	3.0	5,091,021
U.S. Equity Composite		663,687,824	-45,039,454	29.0	27.5	34,475,738
NTGI Russell 1000 Value	Large-Cap Value	166,087,671	-6,008,137	7.3	7.0	5,924,595
NTGI Russell 1000 Growth	Large-Cap Growth	119,932,673	-14,006,138	5.2	5.0	5,530,476
NTGI S&P 400	Mid-Cap Core	96,812,653	-6,004,947	4.2	4.0	5,290,895
Vanguard Mid Cap Value	Mid-Cap Value	99,393,920	0	4.3	4.0	7,872,162
NTGI Russell 2000 Value	Small-Cap Value	174,467,559	-6,008,874	7.6	7.5	2,864,263
Clifton Group	Cash Overlay	6,993,348	-13,011,358	0.3		
Non-U.S. Equity Composite		507,783,003	-56,721	22.2	23.0	-18,467,105
NTGI MSCI EAFE	Non-U.S. Large-Cap Core	224,642,536	224,192,541	9.8	10.0	-4,161,858
DFA	Non-U.S. Small-Cap Value	112,804,426	0	4.9	5.0	-1,597,772
DFA Emerging Markets Value	Emerging Markets	53,067,218	0	2.3	2.5	-4,133,881
DFA Emerging Markets Core	Emerging Markets	50,679,066	0	2.2	2.5	-6,522,032
DFA Emerging Markets Small Cap	EM Small-Cap	64,921,140	0	2.8	3.0	-3,720,179
Risk Parity Composite		116,375,487	0	5.1	5.0	1,973,290
AQR Risk Parity	Risk Parity	116,375,487	0	5.1	5.0	1,973,290
Real Estate Composite		236,432,838	-5,253,541	10.3	10.0	7,628,443
J.P. Morgan SPF	Core Real Estate	74,556,065	-180,460	3.3	2.5	17,354,966
Morgan Stanley P.P.	Core Real Estate	70,707,970	-873,315	3.1	2.5	13,506,872
PRISA III	Value-Added Real Estate	37,558,397	-3,600,131	1.6	2.5	-19,642,702
Principal Enhanced	Value-Added Real Estate	47,026,890	-599,635	2.1	2.5	-10,174,209
Mesirow/Courtland I	Non-U.S. Core Real Estate	6,583,516	0	0.3	0.0	6,583,516
Infrastructure Composite		180,282,147	14,702,126	7.9	7.5	8,678,851
Alinda Fund II	Core Infrastructure	33,568,977	-297,874	1.5	2.5	-23,632,122
Macquarie Fund II	Core Infrastructure	58,684,505	0	2.6	2.5	1,483,406
J.P. Morgan Infrastructure	Core Infrastructure	30,484,802	15,000,000	1.3	2.5	-26,716,297
IFM Global Infrastructure (U.S)	Global Infrastructure	57,543,864	0	2.5		

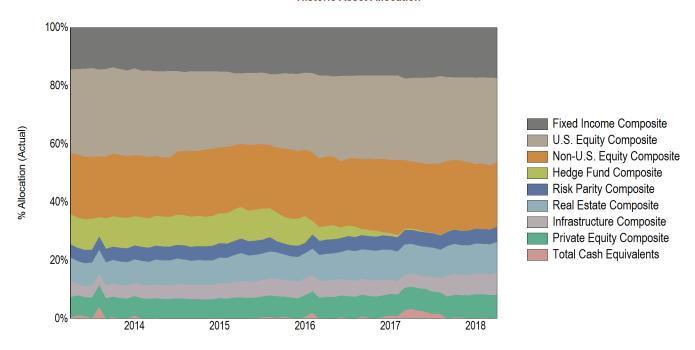
Market Value: \$2,288.0 Million and 100.0% of Fund

			•	*		
	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Private Equity Composite		180,905,918	-5,896,713	7.9	10.0	-47,898,476
Private Equity w/o Blue Chip		179,085,498	-5,896,713	7.8	-	179,085,498
Fort Washington Fund V	Divers. Private Equity	18,876,736	0	0.8		
Fort Washington Fund VI	Divers. Private Equity	16,426,929	-1,950,000	0.7		
Fort Washington Fund VIII	Divers. Private Equity	38,681,754	0	1.7		
Fort Washington Fund IX	Divers. Private Equity	13,593,114	0	0.6		
Fort Washington Opp Fund III	Secondary Private Equity FoF	28,304,797	0	1.2		
North Sky Fund III - LBO	LBO Private Equity	9,649,579	-998,984	0.4		
North Sky Fund III - VC	Venture Private Equity	2,885,802	-156,428	0.1		
North Sky Fund IV - LBO	LBO Private Equity	9,857,688	-858,774	0.4		
North Sky Fund IV - VC	Venture Private Equity	4,273,192	-1,607,773	0.2		
North Sky Fund V	Divers. Private Equity	30,026,680	0	1.3		
Portfolio Advisors IV - Special Sit	Mezz./Special Sit. Private Equity FoF	4,202,640	-50,012	0.2		
Portfolio Advisors V - Special Sit	Mezz./Special Sit. Private Equity FoF	2,306,587	-274,743	0.1		
Blue Chip Fund IV	Venture Private Equity	1,820,420	0	0.1		
Total Cash Equivalents		8,127,011	1,343,182	0.4		8,127,011

Asset Allocation

Market Value: \$2,288.0 Million and 100.0% of Fund

Historic Asset Allocation

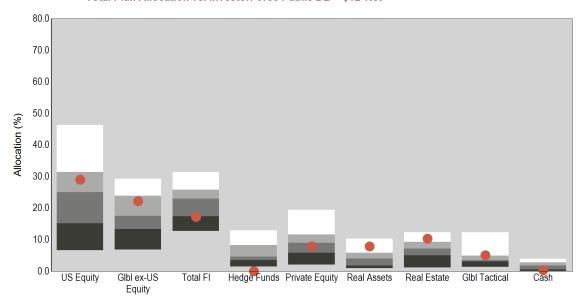


	Current	Policy	Difference	%
Fixed Income Composite	\$394,181,403	\$388,967,471	\$5,213,932	0.2%
U.S. Equity Composite	\$663,687,824	\$629,212,086	\$34,475,738	1.5%
Non-U.S. Equity Composite	\$507,783,003	\$526,250,108	-\$18,467,105	-0.8%
Hedge Fund Composite	\$268,316	\$0	\$268,316	0.0%
Risk Parity Composite	\$116,375,487	\$114,402,197	\$1,973,290	0.1%
Real Estate Composite	\$236,432,838	\$228,804,395	\$7,628,443	0.3%
Infrastructure Composite	\$180,282,147	\$171,603,296	\$8,678,851	0.4%
Private Equity Composite	\$180,905,918	\$228,804,395	-\$47,898,476	-2.1%
Total Cash Equivalents	\$8,127,011			
Total	\$2,288,043,947			

Asset Allocation

Market Value: \$2,288.0 Million and 100.0% of Fund

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



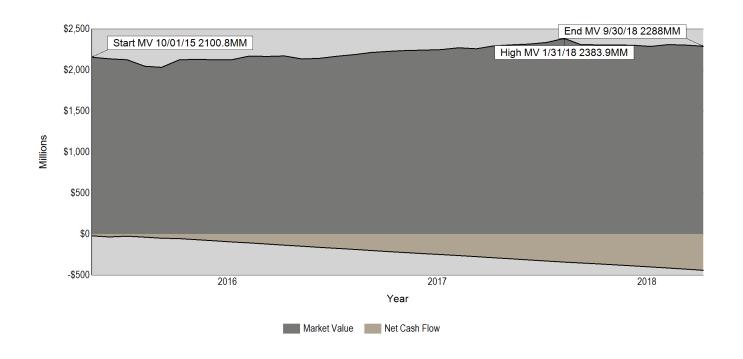
5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

Total Fund Composite

46.4	29.3	31.4	13.0	19.5	10.4	12.3	12.3	4.0	
31.5	23.9	25.8	8.3	11.6	5.8	9.3	5.0	2.8	
25.1	17.5	23.0	4.7	9.0	4.0	7.2	3.6	1.8	
15.2	13.4	17.4	3.5	5.9	1.8	5.1	3.1	0.6	
6.7	6.8	12.7	1.5	2.1	1.0	1.2	1.4	0.1	
29	31	36	21	31	18	30	9	36	
29 n (3	34) 22.2	(30) 17.2	(76) 0.0	(99) 7.9	(66) 7.9	(16) 10.3	(15) 5.1	(25) 0.4	(84)

Market Value History

Market Value: \$2,288.0 Million and 100.0% of Fund



Summary of Cash Flows

	Third Quarter	Year-To-Date	One Year	Three Years
Beginning Market Value	\$2,286,167,715.30	\$2,333,959,767.72	\$2,293,018,734.38	\$2,100,810,604.77
Net Cash Flow	-\$40,395,182.81	-\$110,106,120.48	-\$148,341,153.94	-\$431,982,170.46
Net Investment Change	\$42,271,414.79	\$64,190,300.04	\$143,366,366.84	\$619,215,512.97
Ending Market Value	\$2,288,043,947.28	\$2,288,043,947.28	\$2,288,043,947.28	\$2,288,043,947.28

Total Fund Composite Attribution

Market Value: \$2,288.0 Million and 100.0% of Fund

Attribution Summary 5 Years Ending September 30, 2018

	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects
Fixed Income Composite	3.64%	2.16%	1.48%	0.26%	0.03%	0.00%	0.29%
U.S. Equity Composite	12.13%	13.46%	-1.33%	-0.32%	0.02%	-0.02%	-0.33%
Non-U.S. Equity Composite	5.38%	4.12%	1.25%	0.28%	0.00%	-0.01%	0.27%
Hedge Fund Composite	1.33%	3.16%	-1.83%	0.10%	-0.07%	-0.10%	-0.07%
Risk Parity Composite	3.83%	8.92%	-5.09%	-0.25%	0.00%	0.00%	-0.26%
Real Estate Composite	12.02%	9.72%	2.31%	0.20%	0.03%	0.00%	0.24%
Infrastructure Composite	6.75%	4.55%	2.20%	0.09%	0.06%	0.03%	0.17%
Private Equity Composite	12.21%	12.66%	-0.45%	-0.05%	-0.04%	0.01%	-0.08%
Total Cash Equivalents	1.37%	0.53%	0.84%				
Total	7.98%	7.82%	0.16%	0.31%	0.03%	-0.09%	0.24%

Calendar Years

	YTD	2017	2016	2015	2014	Quarter	1 Yr	3 Yrs
Wtd. Actual Return	2.9%	15.1%	9.1%	0.3%	6.9%	1.9%	6.5%	9.8%
Wtd. Index Return *	3.9%	16.0%	7.2%	0.8%	6.3%	2.6%	8.0%	9.9%
Excess Return	-1.0%	-0.9%	2.0%	-0.6%	0.6%	-0.8%	-1.4%	-0.2%
Selection Effect	-0.8%	-0.7%	2.5%	-0.6%	0.7%	-0.8%	-1.4%	0.1%
Allocation Effect	-0.1%	0.2%	-0.2%	-0.1%	0.1%	0.1%	0.0%	-0.1%
Interaction Effect	0.0%	-0.2%	-0.3%	0.1%	-0.1%	-0.1%	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: \$2,288.0 Million and 100.0% of Fund

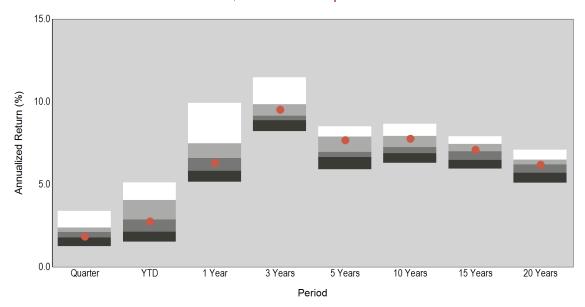
	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	15 Yrs	20 Yrs
Total Fund Composite	1.8%	2.8%	6.3%	9.5%	9.5%	7.0%	7.7%	9.6%	7.8%	7.1%	6.2%
Target Benchmark	1.8%	2.9%	6.8%	9.8%	9.9%	7.2%	7.6%	9.5%	7.4%	7.3%	6.5%
InvestorForce Public DB > \$1B Net Rank	71	55	58	46	40	37	37	25	28	40	51
Fixed Income Composite	0.8%	0.8%	1.6%	3.2%	4.2%	3.1%	3.5%	4.0%	5.9%	4.9%	5.4%
BBgBarc US Aggregate TR	0.0%	-1.6%	-1.2%	-0.6%	1.3%	1.7%	2.2%	2.0%	3.8%	3.8%	4.5%
InvestorForce Public DB Total Fix Inc Net Rank	10	8	6	6	8	5	7	16	15	20	13
U.S. Equity Composite	4.6%	8.3%	13.7%	16.7%	15.7%	11.2%	12.0%	15.9%	11.4%	9.5%	7.4%
Russell 3000	7.1%	10.6%	17.6%	18.1%	17.1%	12.4%	13.5%	16.9%	12.0%	9.9%	7.8%
InvestorForce Public DB US Eq Net Rank	98	83	95	75	68	76	75	67	60	64	85
Non-U.S. Equity Composite	-0.1%	-5.2%	-0.5%	8.8%	10.3%	4.6%	5.0%	8.0%	6.3%	7.6%	5.3%
MSCI ACWI ex USA	0.7%	-3.1%	1.8%	10.3%	10.0%	4.0%	4.1%	7.2%	5.2%	7.2%	5.8%
InvestorForce Public DB ex-US Eq Net Rank	56	82	77	82	36	48	37	51	40	35	89
Risk Parity Composite	-0.1%	0.1%	4.8%	4.8%	6.4%	2.6%	3.8%				
60% Wilshire 5000/40% BarCap Aggregate	4.2%	5.6%	9.8%	10.4%	10.6%	8.1%	8.9%	10.8%	9.0%	7.7%	6.9%
Real Estate Composite	2.0%	5.9%	8.1%	7.9%	9.0%	10.3%	10.8%	11.3%	5.6%		
NFI	1.9%	5.8%	7.7%	7.2%	7.8%	9.3%	9.7%	10.1%	4.6%	7.3%	7.6%
NPI	0.0%	3.5%	5.4%	6.2%	7.2%	8.7%	9.2%	9.7%	6.2%	8.8%	9.0%
InvestorForce All DB Real Estate Priv Net Rank	27	39	36	32	12	20	10	7	14	-	
Infrastructure Composite	2.1%	4.4%	3.1%	2.6%	3.1%	5.5%	6.2%	6.0%	7.9%		
3 Month T-Bill +4%	1.5%	4.4%	5.7%	5.2%	4.9%	4.7%	4.5%	4.4%	4.3%	5.3%	5.9%
Private Equity Composite	0.0%	7.8%	11.8%	12.4%	10.6%	10.5%	11.8%	11.8%	11.5%	8.1%	5.0%
Cambridge Associates All PE	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	13.8%	13.4%
Private Equity w/o Blue Chip	0.0%	8.2%	12.4%	13.3%	11.3%	11.3%	13.0%	12.8%	12.3%	-	-
Total Cash Equivalents											



Annualized Performance (Net of Fees)

Market Value: \$2,288.0 Million and 100.0% of Fund

InvestorForce Public DB > \$1B Net Return Comparison



	5th Percentile
	25th Percentile
	Median
	75th Percentile
	95th Percentile
	# of Portfolios
0	Total Fund Composite

Return							
3.4	5.1	9.9	11.5	8.5	8.7	7.9	7.1
2.4	4.1	7.5	9.9	7.9	7.9	7.4	6.5
2.1	2.9	6.6	9.1	7.0	7.2	7.0	6.2
1.8	2.1	5.8	8.9	6.6	6.9	6.5	5.7
1.3	1.5	5.2	8.2	5.9	6.3	5.9	5.1
39	38	38	38	37	33	33	26
1.8	2.8	6.3	9.5	7.7	7.8	7.1	6.2

Calendar Performance (Net of Fees)

Market Value: \$2,288.0 Million and 100.0% of Fund

Calendar Year

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Total Fund Composite	14.9%	8.9%	-0.1%	6.4%	17.5%	12.0%	1.1%	13.9%	20.7%	-28.1%	7.9%
Target Benchmark	15.4%	8.9%	0.4%	5.8%	17.2%	12.1%	-1.8%	14.7%	20.8%	-29.3%	8.0%
InvestorForce Public DB > \$1B Net Rank	62	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
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	7.9%	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	20	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	14.3%	8.1%	8.2%	8.4%	26.5%	8.4%	11.8%	17.5%	17.4%	-10.5%	21.2%
Cambridge Associates All PE	19.1%	9.7%	7.2%	11.2%	20.7%	12.6%	8.0%	19.6%	14.2%	-25.7%	23.5%
Private Equity w/o Blue Chip Total Cash Equivalents	15.0%	9.0%	9.5%	8.8%	28.8%	9.0%	14.3%	19.8%	17.0%	-15.3%	



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%	1.8%	2.8%	6.3%	9.5%	9.5%	7.0%	7.7%	9.6%	7.8%	9.0%	May-85
Target Benchmark	-0.2%	1.8%	2.9%	6.8%	9.8%	9.9%	7.2%	7.6%	9.5%	7.4%		May-85
InvestorForce Public DB > \$1B Net Rank	70	71	55	58	46	40	37	37	25	28	10	May-85
Fixed Income Composite	0.0%	0.8%	0.8%	1.6%	3.2%	4.2%	3.1%	3.5%	4.0%	5.9%	5.7%	Nov-95
BBgBarc US Aggregate TR	-0.6%	0.0%	-1.6%	-1.2%	-0.6%	1.3%	1.7%	2.2%	2.0%	3.8%	4.9%	Nov-95
InvestorForce Public DB Total Fix Inc Net Rank	31	10	8	6	6	8	5	7	16	15	11	Nov-95
Loomis Sayles Core-Plus	-0.2%	0.5%	-0.5%	0.2%	1.2%	3.7%					2.7%	Jul-15
BBgBarc US Aggregate TR	-0.6%	0.0%	-1.6%	-1.2%	-0.6%	1.3%	1.7%	2.2%	2.0%	3.8%	1.4%	Jul-15
eV US Core Plus Fixed Inc Net Rank	20	23	15	12	13	6					19	Jul-15
BlackRock Strategic Income Opps	0.0%	0.5%	0.1%	0.9%	3.1%	2.9%					2.2%	Dec-14
BBgBarc US Aggregate TR	-0.6%	0.0%	-1.6%	-1.2%	-0.6%	1.3%	1.7%	2.2%	2.0%	3.8%	1.4%	Dec-14
3 Month T-Bill +4%	0.5%	1.5%	4.4%	5.7%	5.2%	4.9%	4.7%	4.5%	4.4%	4.3%	4.7%	Dec-14
eV US Core Plus Fixed Inc Net Rank	3	32	9	5	1	27					36	Dec-14
Shenkman - Four Points	0.3%	2.1%	5.2%	6.5%	8.0%	8.3%	5.5%	6.1%	7.6%		6.9%	Aug-10
BBgBarc US High Yield TR	0.6%	2.4%	2.6%	3.0%	5.9%	8.1%	5.1%	5.5%	7.6%	9.5%	7.2%	Aug-10
eV US High Yield Fixed Inc Net Rank	84	53	3	4	5	12	15	8	25		32	Aug-10

	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	-0.8%	4.6%	8.3%	13.7%	16.7%	15.7%	11.2%	12.0%	15.9%	11.4%	9.4%	Feb-89
Russell 3000	0.2%	7.1%	10.6%	17.6%	18.1%	17.1%	12.4%	13.5%	16.9%	12.0%	10.5%	Feb-89
InvestorForce Public DB US Eq Net Rank	98	98	83	95	75	68	76	75	67	60	99	Feb-89
NTGI Russell 1000 Value	0.2%	5.7%	4.0%	9.5%	12.3%	13.6%	8.9%				9.2%	Dec-13
Russell 1000 Value	0.2%	5.7%	3.9%	9.5%	12.3%	13.6%	8.8%	10.7%	15.0%	9.8%	9.1%	Dec-13
eV US Large Cap Value Equity Net Rank	50	47	61	63	74	56	53				51	Dec-13
NTGI Russell 1000 Growth	0.6%	9.2%	17.0%	26.2%	24.1%	20.6%	16.0%				15.1%	Dec-13
Russell 1000 Growth	0.6%	9.2%	17.1%	26.3%	24.1%	20.6%	16.0%	16.6%	18.7%	14.3%	15.1%	Dec-13
eV US Large Cap Growth Equity Net Rank	48	21	45	35	34	19	19				12	Dec-13
NTGI S&P 400	-1.1%	3.9%	7.5%	14.3%	15.9%	15.8%	12.0%				10.8%	Dec-13
S&P 400 MidCap	-1.1%	3.9%	7.5%	14.2%	15.9%	15.7%	11.9%	11.9%	16.3%	12.5%	10.7%	Dec-13
eV US Mid Cap Equity Net Rank	71	61	48	47	46	26	33				33	Dec-13
Vanguard Mid Cap Value	-0.6%	3.1%									-0.7%	Jan-18
CRSP US Mid Cap Value TR USD	-0.7%	3.1%	3.1%	9.5%	12.3%	13.1%	10.0%	11.5%	16.1%	12.4%	-0.6%	Jan-18
Mid-Cap Value MStar MF Rank	42	51	-								65	Jan-18
NTGI Russell 2000 Value	-2.5%	1.7%	7.3%	9.5%	15.0%	16.4%	11.6%				8.6%	Dec-13
Russell 2000 Value	-2.5%	1.6%	7.1%	9.3%	14.8%	16.1%	11.4%	9.9%	15.3%	9.5%	8.4%	Dec-13
eV US Small Cap Value Equity Net Rank	51	44	28	40	32	24	28				35	Dec-13
Clifton Group												

	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	0.0%	-0.1%	-5.2%	-0.5%	8.8%	10.3%	4.6%	5.0%	8.0%	6.3%	6.2%	May-93
MSCI ACWI ex USA	0.5%	0.7%	-3.1%	1.8%	10.3%	10.0%	4.0%	4.1%	7.2%	5.2%		<i>May-</i> 93
InvestorForce Public DB ex-US Eq Net Rank	50	56	82	77	82	36	48	37	51	40	77	<i>May-</i> 93
NTGI MSCI EAFE	1.1%		_								-1.1%	Jul-18
MSCI EAFE	0.9%	1.4%	-1.4%	2.7%	10.6%	9.2%	4.5%	4.4%	8.3%	5.4%	-1.1%	Jul-18
eV EAFE Large Cap Core Net Rank	31										60	Jul-18
DFA	0.5%	-1.0%	-6.6%	-3.0%	10.3%	10.3%	6.6%	6.6%	11.1%	8.5%	4.3%	Nov-07
MSCI EAFE Small Cap	-0.7%	-0.9%	-2.2%	3.7%	12.4%	12.4%	9.2%	8.0%	11.5%	9.7%	4.8%	Nov-07
Foreign Small/Mid Value MStar MF Rank	17	36	59	59	51	44	21	32	31	51	67	Nov-07
DFA Emerging Markets Value	0.1%	2.2%							-		-7.2%	Mar-18
MSCI Emerging Markets	-0.5%	-1.1%	-7.7%	-0.8%	10.2%	12.4%	3.4%	3.6%	5.0%	5.4%	-9.0%	Mar-18
Diversified Emerging Mkts MStar MF Rank	22	6									8	Mar-18
DFA Emerging Markets Core	-1.8%	-1.2%									-11.0%	Mar-18
MSCI Emerging Markets	-0.5%	-1.1%	-7.7%	-0.8%	10.2%	12.4%	3.4%	3.6%	5.0%	5.4%	-9.0%	Mar-18
Diversified Emerging Mkts MStar MF Rank	69	26									41	Mar-18
DFA Emerging Markets Small Cap	-3.2%	-4.5%	-12.6%	-5.1%	5.5%	10.3%					4.9%	Dec-14
MSCI Emerging Markets Small Cap	-3.3%	-4.2%	-12.3%	-4.2%	4.9%	7.4%	1.3%	2.7%	4.8%	7.4%	3.0%	Dec-14
eV Emg Mkts Small Cap Equity Net Rank	54	39	56	50	58	34				-	42	Dec-14
Risk Parity Composite	-0.6%	-0.1%	0.1%	4.8%	4.8%	6.4%	2.6%	3.8%				Jul-12
60% Wilshire 5000/40% BarCap Aggregate	-0.2%	4.2%	5.6%	9.8%	10.4%	10.6%	8.1%	8.9%	10.8%	9.0%	9.7%	Jul-12
AQR Risk Parity	-0.6%	-0.1%	0.1%	4.8%	4.8%	6.4%	2.6%	3.8%	-			Jul-12
60% Wilshire 5000/40% BarCap Aggregate	-0.2%	4.2%	5.6%	9.8%	10.4%	10.6%	8.1%	8.9%	10.8%	9.0%	9.7%	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	1.8%	2.0%	5.9%	8.1%	7.9%	9.0%	10.3%	10.8%	11.3%	5.6%	5.4%	Aug-07
NFI	0.6%	1.9%	5.8%	7.7%	7.2%	7.8%	9.3%	9.7%	10.1%	4.6%	4.5%	Aug-07
NPI	0.0%	0.0%	3.5%	5.4%	6.2%	7.2%	8.7%	9.2%	9.7%	6.2%	6.2%	Aug-07
InvestorForce All DB Real Estate Priv Net Rank	32	27	39	36	32	12	20	10	7	14	13	Aug-07
J.P. Morgan SPF	0.9%	1.6%	5.3%	7.0%	6.8%	7.4%	8.8%	9.3%	10.3%	5.5%		Jan-08
NFI	0.6%	1.9%	5.8%	7.7%	7.2%	7.8%	9.3%	9.7%	10.1%	4.6%	4.3%	Jan-08
NPI	0.0%	0.0%	3.5%	5.4%	6.2%	7.2%	8.7%	9.2%	9.7%	6.2%	6.0%	Jan-08
InvestorForce All DB Real Estate Pub Net Rank	49	57	53	58	43	52	43	44	28	10		Jan-08
Morgan Stanley P.P.	2.0%	2.0%	5.9%	8.1%	8.6%	9.0%	10.7%	11.2%	11.9%	6.0%	5.9%	Aug-07
NFI	0.6%	1.9%	5.8%	7.7%	7.2%	7.8%	9.3%	9.7%	10.1%	4.6%	4.5%	Aug-07
NPI	0.0%	0.0%	3.5%	5.4%	6.2%	7.2%	8.7%	9.2%	9.7%	6.2%	6.2%	Aug-07
InvestorForce All DB Real Estate Pub Net Rank	19	40	30	30	11	6	3	4	3	8	2	Aug-07
PRISA III	2.4%	2.4%	6.3%	10.2%	9.0%	11.4%	14.5%	14.3%	14.4%	3.6%	3.7%	Dec-07
NFI	0.6%	1.9%	5.8%	7.7%	7.2%	7.8%	9.3%	9.7%	10.1%	4.6%	4.3%	Dec-07
NPI	0.0%	0.0%	3.5%	5.4%	6.2%	7.2%	8.7%	9.2%	9.7%	6.2%	6.0%	Dec-07
InvestorForce All DB Real Estate Pub Net Rank	1	14	22	1	4	1	1	1	1	88	77	Dec-07
Principal Enhanced	2.9%	2.9%	7.8%	10.2%	10.6%	12.6%	13.4%	13.5%	13.9%	4.8%	4.0%	Mar-08
NFI	0.6%	1.9%	5.8%	7.7%	7.2%	7.8%	9.3%	9.7%	10.1%	4.6%	4.3%	Mar-08
NPI	0.0%	0.0%	3.5%	5.4%	6.2%	7.2%	8.7%	9.2%	9.7%	6.2%	6.0%	Mar-08
InvestorForce All DB Real Estate Pub Net Rank	1	1	1	1	1	1	1	1	1	42	60	Mar-08
Mesirow/Courtland I	0.0%	0.0%	-1.9%	-3.0%	-1.5%	0.8%	0.3%	2.8%	3.0%	1.0%		Aug-07
NFI	0.6%	1.9%	5.8%	7.7%	7.2%	7.8%	9.3%	9.7%	10.1%	4.6%	4.5%	Aug-07
NPI	0.0%	0.0%	3.5%	5.4%	6.2%	7.2%	8.7%	9.2%	9.7%	6.2%	6.2%	Aug-07
Infrastructure Composite	0.7%	2.1%	4.4%	3.1%	2.6%	3.1%	5.5%	6.2%	6.0%	7.9%		Aug-08
3 Month T-Bill +4%	0.5%	1.5%	4.4%	5.7%	5.2%	4.9%	4.7%	4.5%	4.4%	4.3%	4.3%	Aug-08
Alinda Fund II	0.0%	0.0%	-3.5%	-8.7%	-6.3%	-3.9%	1.3%	4.0%	2.8%	3.2%		Aug-08
3 Month T-Bill +4%	0.5%	1.5%	4.4%	5.7%	5.2%	4.9%	4.7%	4.5%	4.4%	4.3%	4.3%	Aug-08
Macquarie Fund II	0.0%	0.0%	1.8%	4.0%	6.7%	7.3%	6.8%	5.7%	6.6%	8.2%		Sep-08
3 Month T-Bill +4%	0.5%	1.5%	4.4%	5.7%	5.2%	4.9%	4.7%	4.5%	4.4%	4.3%	4.3%	Sep-08
J.P. Morgan Infrastructure	0.0%	0.0%	1.7%								1.7%	Dec-17
CPI +4%	0.4%	1.2%	5.4%	6.4%	6.3%	6.1%	5.5%	5.6%	5.6%	5.5%	5.4%	Dec-17
IFM Global Infrastructure (U.S)	1.9%	6.2%	-			-		-			15.1%	Feb-18
CPI +4%	0.4%	1.2%	5.4%	6.4%	6.3%	6.1%	5.5%	5.6%	5.6%	5.5%	3.7%	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%	7.8%	11.8%	12.4%	10.6%	10.5%	11.8%	11.8%	11.5%	7.6%	Jul-93
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	15.4%	Jul-93
Private Equity w/o Blue Chip	0.0%	0.0%	8.2%	12.4%	13.3%	11.3%	11.3%	13.0%	12.8%	12.3%	-	
Fort Washington Fund V	0.0%	0.0%	5.5%	6.6%	8.1%	6.1%	5.5%	8.6%	10.2%	9.8%		Sep-07
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.2%	Sep-07
Fort Washington Fund VI	0.0%	0.0%	9.8%	13.3%	13.5%	9.5%	12.7%	14.4%	14.7%	13.9%		Apr-08
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.2%	Apr-08
Fort Washington Fund VIII	0.0%	0.0%	6.0%	9.2%	11.6%	12.7%	17.6%				9.4%	Jan-14
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	11.5%	Jan-14
Fort Washington Fund IX	0.0%	0.0%	11.3%	13.5%	30.7%		-				30.7%	Sep-16
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	14.9%	Sep-16
Fort Washington Opp Fund III	0.0%	0.0%	2.1%	10.2%	14.8%	16.5%	27.8%				27.7%	Jul-14
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	11.1%	Jul-14
North Sky Fund III - LBO	0.0%	0.0%	17.4%	20.7%	19.2%	18.8%	16.5%	16.3%	17.3%	14.9%	12.5%	May-07
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.7%	May-07
North Sky Fund III - VC	0.0%	0.0%	12.5%	12.8%	20.4%	11.2%	10.4%	12.6%	11.8%	11.5%	11.0%	May-07
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.7%	May-07
North Sky Fund IV - LBO	0.0%	0.0%	10.5%	18.2%	18.3%	17.7%	17.4%	17.5%	16.1%	17.0%		Aug-08
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.9%	Aug-08
North Sky Fund IV - VC	0.0%	0.0%	13.5%	15.2%	19.0%	13.7%	10.9%	14.4%	10.8%	17.1%		May-08
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.3%	<i>May-08</i>
North Sky Fund V	0.0%	0.0%	12.7%	18.6%	13.8%	12.7%	7.1%				0.3%	Apr-14
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	11.3%	Apr-14
Portfolio Advisors IV - Special Sit	0.0%	0.0%	-1.3%	7.3%	4.0%	0.6%	1.2%	2.7%	4.9%	4.7%		Jun-07
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.4%	Jun-07
Portfolio Advisors V - Special Sit	0.0%	0.0%	1.8%	3.4%	5.2%	3.8%	4.0%	6.9%	7.8%	8.3%		Aug-08
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.9%	Aug-08
Blue Chip Fund IV	0.0%	0.0%	-23.4%	-29.0%	-27.9%	-19.2%	-16.5%	-15.1%	-10.2%	-6.2%		Dec-00
Cambridge Associates All PE	0.0%	0.0%	7.9%	13.4%	14.9%	12.8%	11.6%	12.7%	13.0%	10.8%	9.6%	Dec-00

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	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Total Fund Composite	14.9%	8.9%	-0.1%	6.4%	17.5%	12.0%	1.1%	13.9%	20.7%	-28.1%	7.9%
Target Benchmark	15.4%	8.9%	0.4%	5.8%	17.2%	12.1%	-1.8%	14.7%	20.8%	-29.3%	8.0%
InvestorForce Public DB > \$1B Net Rank	62	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%				
BBgBarc US High Yield TR	7.5%	17.1%	-4.5%	2.5%	7.4%	15.8%	5.0%	15.1%	58.2%	-26.2%	1.9%
eV US High Yield Fixed Inc Net Rank	39	20	66	35	10	91	86				

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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							

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	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
NTGI MSCI EAFE											
MSCI EAFE	25.0%	1.0%	-0.8%	-4.9%	22.8%	17.3%	-12.1%	7.8%	31.8%	-43.4%	11.2%
eV EAFE Large Cap Core Net Rank											
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 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											
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 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								
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

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	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Real Estate Composite	7.9%	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	20	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	1.7%	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%
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%
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	Preqin Rank ³	Perf. as of:
Real Estate	Mesirow/Courtland I	2007		1.6%				6/30/2018
Total Real Estate				4.0%				6/30/2018
Infrastructure Infrastructure Total Infrastructure	Alinda II Macquarie II		2008 Infrastructure 2008 Infrastructure	1.9% 6.9% 4.7%	 	7.5% 7.5%	 	6/30/2018 6/30/2018 6/30/2018
Private Equity Venture Private Equity Venture Private Equity Venture Private Equity Venture Private Equity FoFs Specialized Private Equity FoFs Specialized Private Equity FoFs Secondary Private Equity FoFs Secondary Private Equity FoFs Specialized Private Equity FoFs Specialized Private Equity FoFs Specialized Private Equity Buy-Out Private Equity Venture	Blue Chip I Blue Chip II Blue Chip III Blue Chip III Blue Chip IV Fort Washington Fund V Fort Washington Fund VII Fort Washington Fund VIII Fort Washington Opp Fund III Fort Washington Fund IX North Sky III - LBO North Sky III - VC	1993 1997 1999 2000 2007 2008 2014 2014 2016 2007 2007	1993 US Venture 1997 US Venture 1999 US Venture 2000 US Venture 2006 US FoF 2007 US FoF 2013 US FoF 2014 Secondary 2016 US FoF 2006 US FoF	13.4% 0.9% -13.1% -3.1% 10.8% 14.5% 13.8% 20.8% 23.0% 9.6% 6.1%	9.0% ⁶ 11.2% ⁶ 11.7% ⁶ 10.5% ⁶ 15.3% ⁶ 9.5% ⁶	11.4%	3rd Quartile 4th Quartile 4th Quartile 3rd Quartile 1st Quartile 1st Quartile 1st Quartile 2nd Quartile 2nd Quartile 2nd Quartile 3rd Quartile 3rd Quartile	12/31/2007 12/31/2013 9/30/2013 6/30/2018 6/30/2018 6/30/2018 6/30/2018 6/30/2018 6/30/2018 6/30/2018 6/30/2018
Private Equity Buy-Out Private Equity Venture Private Equity FoFs Diversified Private Equity FoFs Specialized Private Equity FoFs Specialized	North Sky IV - LBO North Sky IV - VC North Sky V Portfolio Advisors IV - Special Sit Portfolio Advisors V - Special Sit	2008 2008 2014 2007 2008	2008 US FoF 2008 US FoF 2013 US FoF 2006 All FoF 2007 All FoF	8.5% 12.5% 8.5% 5.6% 8.8%	14.4% ⁶ 13.9% ⁶ 4.9% ⁷ 9.4% ⁷	9.0% 9.0% 11.4% 8.6% 10.3%	3rd Quartile 2nd Quartile 4th Quartile 3rd Quartile 3rd Quartile	6/30/2018 6/30/2018 6/30/2018 6/30/2018 6/30/2018
Total Private Equity	Divo Chin			6.0%				6/30/2018
Total Private Equity Excluding	Blue Chip			10.4%				6/30/2018

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	\$19,795,438	\$6,583,516	1.1	
Total Real Estate		\$30,000,000	\$24,100,863	\$19,795,438	\$6,583,516	1.1	
Infrastructure	Alinda II	\$65,000,000	\$72,657,811	\$55,307,851	\$33,568,977	1.2	1.4
Infrastructure	Macquarie II	\$65,000,000	\$68,180,388	\$46,254,159	\$58,684,505	1.5	1.4
Total Infrastructure		\$130,000,000	\$140,838,199	\$101,562,010	\$92,253,482	1.4	
Private Equity Venture	Blue Chip I	\$4,000,000	\$4,000,000	\$6,314,076	\$0	1.6	2.6
Private Equity Venture	Blue Chip II	\$10,000,000	\$10,000,000	\$10,396,215	\$0 \$0	1.0	1.8
Private Equity Venture	Blue Chip III	\$15,000,000	\$15,000,000	\$5,957,739	\$0	0.4	0.8
Private Equity Venture	Blue Chip IV	\$25,000,000	\$25,000,000	\$23.670.550	\$1,820,420	1.0	1.0
Private Equity FoFs Specialized		\$40,000,000	\$32,493,882	\$45,154,212	\$18,876,736	2.0	1.5
Private Equity FoFs Specialized	Fort Washington Fund VI	\$30,000,000	\$18,143,165	\$26,372,881	\$16,426,929	2.4	1.6
Private Equity FoFs Specialized	Fort Washington Fund VIII	\$50,000,000	\$32,999,999	\$4,874,999	\$38,681,754	1.3	1.2
Private Equity FoFs Secondary	Fort Washington Opp Fund III	\$30,000,000	\$22,200,000	\$4,800,000	\$28,304,797	1.5	1.4
Private Equity FoFs Specialized	Fort Washington Fund IX	\$50,000,000	\$11,500,000	\$0	\$13,593,114	1.2	1.0
Private Equity Buy-Out	North Sky III - LBO	\$30,000,000	\$21,700,017	\$34,676,505	\$9,649,579	2.0	1.6
Private Equity Venture	North Sky III - VC	\$10,000,000	\$9,183,339	\$14,367,360	\$2,885,802	1.9	1.6
Private Equity Buy-Out	North Sky IV - LBO	\$15,000,000	\$9,075,000	\$9,357,805	\$9,857,688	2.1	1.6
Private Equity Venture	North Sky IV - VC	\$15,000,000	\$12,300,000	\$25,926,783	\$4,273,192	2.5	1.6
Private Equity FoFs Diversified	North Sky V	\$40,000,000	\$24,394,820	\$0	\$30,026,680	1.2	1.2
Private Equity FoFs Specialized	Portfolio Advisors IV - Special Sit	\$20,000,000	\$16,899,856	\$19,371,449	\$4,202,640	1.5	1.5
Private Equity FoFs Specialized	Portfolio Advisors V - Special Sit	\$10,000,000	\$6,522,936	\$8,408,181	\$2,306,587	1.6	1.6
Total Private Equity		\$394,000,000	\$271,413,014	\$239,648,755	\$180,905,918	1.5	
Total Private Equity Excluding	Blue Chip	\$340,000,000	\$217,413,014	\$193,310,175	\$179,085,498	1.7	

¹ All data is preliminary and subject to change



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

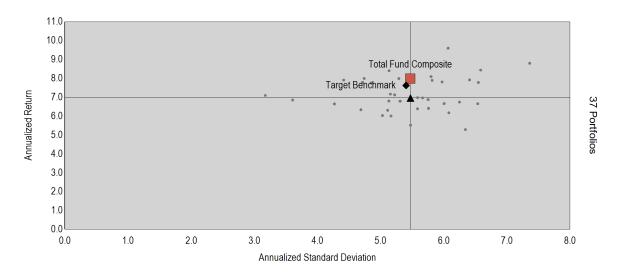
⁶ PME Benchmark is Russell 3000 Index

⁷ PME Benchmark is MSCI World Index

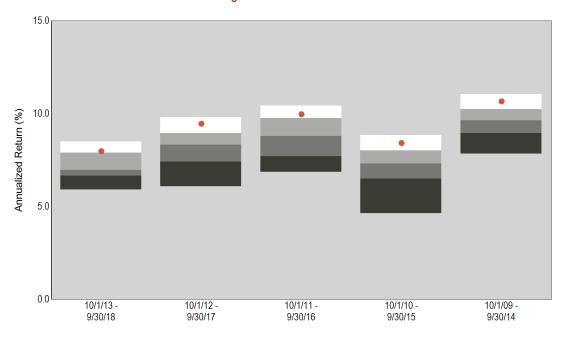
Total Fund vs. Peer Universe

Market Value: \$2,288.0 Million and 100.0% of Fund

Annualized Return vs. Annualized Standard Deviation 5 Years Ending September 30, 2018



Rolling 5 Year Returns



	Return (Rank)				
5th Percentile	8.5	9.8	10.4	8.9	11.1
25th Percentile	7.9	9.0	9.8	8.0	10.2
Median	7.0	8.3	8.8	7.3	9.6
75th Percentile	6.6	7.4	7.7	6.5	9.0
95th Percentile	5.9	6.1	6.9	4.6	7.8
# of Portfolios	37	53	54	48	56
Total Fund Composite	8.0 (17)	9.5 (10)	10.0 (21)	8.4 (11)	10.7 (11)

Statistics

Market Value: \$2,288.0 Million and 100.0% of Fund

3 Years Ending September 30, 2018

Total Fund Composite 1.7 5.3% 1.3% 0.5 0.8 -1.4 5.1% 49.3% 54.3% SAP 8000 1.8 9.2% 9.2% 9.2%		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 17 4.8% 2.8% 0.5 0.9 0.8 5.1% 56.2% 42.7% MSCI ACWI 1.3 9.4%	Total Fund Composite	1.7	5.3%	1.3%	0.5	0.8	-1.4	5.1%	49.3%	54.3%
MSCI ACWI	S&P 500	1.8						9.2%		
MSCI ACWI										
Total Fund Composite 1.7 1.0% 0.2% 1.0 1.0 -0.1 5.1% 97.5% 94.2% Target Benchmark 1.7 5.1% Fixed Income Composite 1.5 2.5% 3.7% 0.4 0.2 1.2 2.3% 112.8% 14.3% BBgBarc US Aggregate TR 0.2 2.7% 2.7% 2.7% 2.7% 2.7% 2.7% 2.7% 2.7% 2.7%			4.8%	2.8%	0.5	0.9	-0.8		56.2%	42.7%
Target Benchmark 1.7 5.1% Fixed Income Composite 1.5 2.5% 3.7% 0.4 0.2 1.2 2.3% 112.8% 14.3% BBgBarc US Aggregate TR 0.2	MSCI ACWI	1.3						9.4%		
Target Benchmark 1.7 - - - - 5.1% - - Fixed Income Composite 1.5 2.5% 3.7% 0.4 0.2 1.2 2.3% 112.8% 14.3% BBgBarc US Aggregate TR 0.2 - - - - - 2.7% - - BBgBarc US Aggregate TR 0.2 - <td></td>										
Fixed Income Composite 1.5 2.5% 3.7% 0.4 0.2 1.2 2.3% 112.8% 14.3% BBgBarc US Aggregate TR 0.2 - - - - - 2.7% - - BBgBarc US Aggregate TR 0.2 - - - - - 2.7% - - BlackFock Strategic Income Opps 1.2 3.0% 2.8% 0.0 0.0 0.5 1.7% 55.6% -19.0% BBgBarc US Aggregate TR 0.2 - - - - - 2.7% -	·									
BBgBarc US Aggregate TR 0.2 - - - - 2.7% - - Loomis Sayles Core-Plus 0.9 2.1% 2.6% 0.9 0.6 1.2 3.2% 144.3% 71.2% BBgBarc US Aggregate TR 0.2 - - - - - 2.7% - - BBgBarc US Aggregate TR 0.2 - - - - - 2.7% - - Shenkman - Four Points 1.7 1.9% 1.8% 0.8 0.9 0.1 4.3% 89.9% 64.2% BBgBarc US High Yield TR 1.5 - - - - - 4.9% - - U.S. Equity Composite 1.5 4.0% -1.6% 1.0 0.8 -0.4 10.1% 95.7% 111.6% S&P 500 1.8 - - - - - 9.2% - - U.S. Equity Composite 1.5 5.6% 3.8% 0.9	-									
Lomis Sayles Core-Plus 0.9 2.1% 2.6% 0.9 0.6 1.2 3.2% 144.3% 71.2% BBgBarc US Aggregate TR 0.2 2.7% BBgBarc US Aggregate TR 0.2 2.7% Shenkman - Four Points 1.7 1.9% 1.8% 0.8 0.9 0.1 4.3% 89.9% 64.2% BBgBarc US High Yield TR 1.5 4.9% U.S. Equity Composite 1.5 4.0% -1.6% 1.0 0.8 -0.4 10.1% 95.7% 111.6% S&P 500 1.8 9.2% U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 107.5% 84.9% MSCI ACWI 1.3	·						1.2			
BBgBarc US Aggregate TR 0.2 2.7% BlackRock Strategic Income Opps 1.2 3.0% 2.8% 0.0 0.0 0.5 1.7% 55.6% -19.0% BBgBarc US Aggregate TR 0.2 2.7% Shenkman - Four Points 1.7 1.9% 1.8% 0.8 0.9 0.1 4.3% 89.9% 64.2% BBgBarc US High Yield TR 1.5 4.9% U.S. Equity Composite 1.5 4.0% -1.6% 1.0 0.8 -0.4 10.1% 95.7% 111.6% S&P 500 1.8 9.2% U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 95.7% 105.8% MSCI ACWI 1.3 </td <td></td>										
BlackRock Strategic Income Opps 1.2 3.0% 2.8% 0.0 0.0 0.5 1.7% 55.6% -19.0% BBgBarc US Aggregate TR 0.2 - <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	·									
BBgBarc US Aggregate TR 0.2 2,7% Shenkman - Four Points 1.7 1.9% 1.8% 0.8 0.9 0.1 4.3% 89.9% 64.2% BBgBarc US High Yield TR 1.5										
Shenkman - Four Points 1.7 1.9% 1.8% 0.8 0.9 0.1 4.3% 89.9% 64.2% BBgBarc US High Yield TR 1.5 - - - - - - 4.9% - - U.S. Equity Composite 1.5 4.0% -1.6% 1.0 0.8 -0.4 10.1% 95.7% 111.6% S&P 500 1.8 - - - - - - 9.2% - - U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 107.5% 84.9% MSCI ACWI 1.3 - - - - - 9.4% - - U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 - - - - 9.3% - - - - 99.3% - -			3.0%	2.8%	0.0	0.0	0.5		55.6%	-19.0%
BBgBarc US High Yield TR 1.5 - - - - - 4.9% - - U.S. Equity Composite 1.5 4.0% -1.6% 1.0 0.8 -0.4 10.1% 95.7% 111.6% S&P 500 1.8 - - - - - - 92.% - - U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 107.5% 84.9% MSCI ACWI 1.3 - - - - - 9.4% - - U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 - - - - - 93.9% - - - NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.9% 99.6% Russell 1000 Growth										
U.S. Equity Composite 1.5 4.0% -1.6% 1.0 0.8 -0.4 10.1% 95.7% 111.6% S&P 500 1.8 9.2% U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 10.7.5% 84.9% MSCI ACWI 1.3 9.4% U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.0 1.0 1.7 9.3% 100.2% 99.4% Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 1.0 1.0 1.0 1			1.9%	1.8%	0.8	0.9	0.1		89.9%	64.2%
S&P 500 1.8 9.2% U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 107.5% 84.9% MSCI ACWI 1.3 9.4% U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 93.% NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.9% 99.6% Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 10.2% NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 5.1 10.4% 100.3% 99.8%	BBgBarc US High Yield TR	1.5						4.9%		
S&P 500 1.8 9.2% U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 107.5% 84.9% MSCI ACWI 1.3 9.4% U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 93.% NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.9% 99.6% Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 10.2% NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 5.1 10.4% 100.3% 99.8%										
U.S. Equity Composite 1.5 5.6% 3.8% 0.9 0.7 0.4 10.1% 107.5% 84.9% MSCI ACWI 1.3 9.4% 9.4% 9.4% 10.2% 10.2%	U.S. Equity Composite	1.5	4.0%	-1.6%	1.0	0.8	-0.4	10.1%	95.7%	111.6%
MSCI ACWI 1.3 - - - - - 9.4% - - U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 - - - - - 93.3% - - - NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.4% Russell 1000 Value 1.4 - - - - - 94.4% - - - NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 - <td< td=""><td>S&P 500</td><td>1.8</td><td></td><td></td><td></td><td></td><td></td><td>9.2%</td><td></td><td></td></td<>	S&P 500	1.8						9.2%		
MSCI ACWI 1.3 - - - - - 9.4% - - U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 - - - - - 93.3% - - - NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.4% Russell 1000 Value 1.4 - - - - - 94.4% - - - NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
U.S. Equity Composite 1.5 3.0% -1.8% 1.0 0.9 -0.4 10.1% 95.1% 105.8% Russell 3000 1.7 9.3% NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.0 1.7 9.3% 100.2% 99.4% Russell 1000 Value 1.4 9.4% NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 10.2% NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 1.0 5.1 10.4% 100.3% 99.8% S&P 400 MidCap 1.4 10.4% NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%	U.S. Equity Composite	1.5	5.6%	3.8%	0.9	0.7	0.4	10.1%	107.5%	84.9%
Russell 3000 1.7 9.3% NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.4% Russell 1000 Value 1.4 9.4% NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 10.2% NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 5.1 10.4% 100.3% 99.8% S&P 400 MidCap 1.4 10.4% NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%	MSCI ACWI	1.3						9.4%		
Russell 3000 1.7 9.3% NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.4% Russell 1000 Value 1.4 9.4% NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 10.2% NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 5.1 10.4% 100.3% 99.8% S&P 400 MidCap 1.4 10.4% NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%										
NTGI Russell 1000 Value 1.4 0.0% 0.1% 1.0 1.0 1.7 9.3% 100.2% 99.4% Russell 1000 Value 1.4 9.4% NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 10.2% NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 5.1 10.4% 100.3% 99.8% S&P 400 MidCap 1.4 10.4% NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%	U.S. Equity Composite	1.5	3.0%	-1.8%	1.0	0.9	-0.4	10.1%	95.1%	105.8%
Russell 1000 Value 1.4 9.4% NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 10.2% NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 5.1 10.4% 100.3% 99.8% S&P 400 MidCap 1.4 10.4% NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%	Russell 3000	1.7						9.3%		
NTGI Russell 1000 Growth 1.9 0.0% 0.0% 1.0 1.0 0.0 10.2% 99.9% 99.6% Russell 1000 Growth 1.9 NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%	NTGI Russell 1000 Value	1.4	0.0%	0.1%	1.0	1.0	1.7	9.3%	100.2%	99.4%
Russell 1000 Growth 1.9 <td>Russell 1000 Value</td> <td>1.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9.4%</td> <td></td> <td></td>	Russell 1000 Value	1.4						9.4%		
NTGI S&P 400 1.4 0.0% 0.1% 1.0 1.0 5.1 10.4% 100.3% 99.8% S&P 400 MidCap 1.4 10.4% NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%	NTGI Russell 1000 Growth	1.9	0.0%	0.0%	1.0	1.0	0.0	10.2%	99.9%	99.6%
S&P 400 MidCap 1.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 99.4%	Russell 1000 Growth	1.9	-		-	-		10.2%	-	
NTGI Russell 2000 Value 1.1 0.1% 0.3% 1.0 1.0 4.3 13.6% 100.7% 99.4%	NTGI S&P 400	1.4	0.0%	0.1%	1.0	1.0	5.1	10.4%	100.3%	99.8%
	S&P 400 MidCap	1.4				-		10.4%		
Russell 2000 Value 1.1 13.6%	NTGI Russell 2000 Value	1.1	0.1%	0.3%	1.0	1.0	4.3	13.6%	100.7%	99.4%
	Russell 2000 Value	1.1						13.6%		



Investment Manager Statistics

Market Value: \$2,288.0 Million and 100.0% of Fund

3 Years Ending September 30, 2018

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Mondrian	0.8	4.1%	0.5%	0.9	0.9	-0.1	10.6%	95.5%	97.1%
MSCI EAFE	0.8						10.8%		
Harding Loevner	1.4	5.3%	8.1%	0.9	0.8	1.4	11.1%	109.2%	56.9%
MSCI EAFE	0.8						10.8%		
DFA	0.8	3.9%	-1.6%	1.0	0.9	-0.5	11.4%	86.6%	96.8%
MSCI EAFE Small Cap	1.0						11.2%		
DFA Emerging Markets Small Cap	0.7	3.3%	2.4%	1.1	0.9	0.9	14.1%	116.1%	98.5%
MSCI Emerging Markets Small Cap	0.5			-	-	-	12.8%		
Hedge Fund Composite	-0.4	5.7%	-2.8%	0.4	0.0	-0.8	5.6%	-9.5%	41.1%
HFRI FOF: Diversified Index	0.8						2.9%		
Fintan Partners	-0.4	6.4%	-1.7%	0.1	0.0	-0.7	5.7%	-24.5%	-8.1%
HFRI Fund of Funds Composite Index	0.8				-		3.0%		
Risk Parity Composite	0.9	5.7%	0.5%	0.6	0.3	-0.7	6.0%	60.2%	76.8%
60% Wilshire 5000/40% BarCap Aggregate	1.8				-		5.6%		
AQR Risk Parity	0.9	5.7%	0.5%	0.6	0.3	-0.7	6.0%	60.2%	76.8%
60% Wilshire 5000/40% BarCap Aggregate	1.8			-	-		5.6%	-	

Market Value: \$2,288.0 Million and 100.0% of Fund

5 Years Ending September 30, 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	1.4	5.3%	0.9%	0.5	0.8	-1.1	5.5%	44.0%	57.1%
S&P 500	1.4						9.6%		
Total Fund Composite	1.4	5.0%	3.4%	0.5	0.9	-0.1	5.5%	55.2%	46.6%
MSCI ACWI	0.8						9.8%		
Total Fund Composite	1.4	1.1%	0.4%	1.0	1.0	0.3	5.5%	101.6%	96.0%
Target Benchmark	1.3		-	-	-		5.4%	-	
Fixed Income Composite	1.3	2.4%	2.5%	0.5	0.3	0.6	2.5%	91.2%	32.5%
BBgBarc US Aggregate TR	0.6		-	-	-		2.7%	-	
Shenkman - Four Points	1.2	1.8%	1.4%	0.8	0.9	0.3	4.5%	91.8%	75.5%
BBgBarc US High Yield TR	1.0						5.0%		
U.S. Equity Composite	1.1	2.8%	-1.9%	1.0	0.9	-0.5	10.4%	94.9%	105.6%
Russell 3000	1.3						9.7%		
U.S. Equity Composite	1.1	5.5%	4.3%	0.9	0.7	0.6	10.4%	113.5%	85.5%
MSCI ACWI	0.8						9.8%		
WIGGI AGWI	0.0		-		-	-	9.070		
U.S. Equity Composite	1.1	3.9%	-2.0%	1.0	0.9	-0.5	10.4%	93.3%	108.0%
S&P 500	1.4						9.6%		
Non-U.S. Equity Composite	0.4	8.0%	-3.6%	0.8	0.5	-0.7	11.2%	51.0%	78.8%
Mondrian	0.4	8.3%	-3.5%	0.8	0.5	-0.7	11.2%	51.4%	81.8%
Harding Loevner	0.7	8.1%	-0.5%	0.9	0.5	-0.2	11.7%	70.5%	76.8%
DFA	0.5	8.5%	-2.2%	0.8	0.5	-0.5	11.5%	55.9%	75.5%



5.0%

13.4%

33.2%

Hedge Fund Composite

0.2

8.8%

-1.0%

0.2

0.2

-1.1

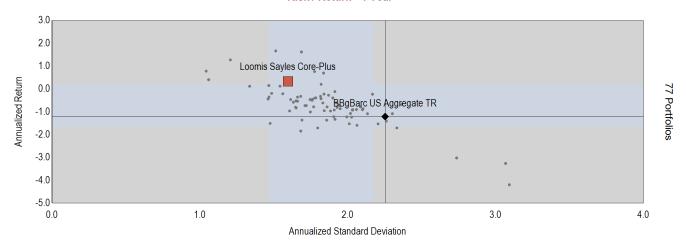
Loomis Sayles Core-Plus

Characteristics

As of September 30, 2018

Market Value: \$159.2 Million and 7.0% of Fund

Risk / Return - 1 Year

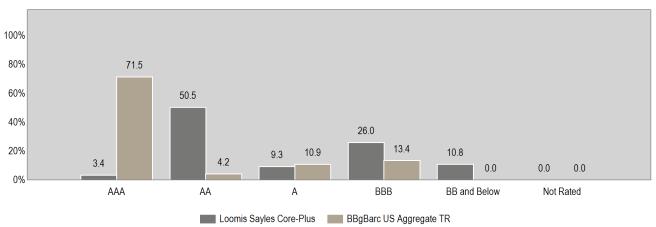


Cl	naracteristics			Sector			Maturity
	Portfolio	Index		Portfolio	Index		Q3-18
	Q3-18	Q3-18		Q3-18	Q3-18	<1 Year	18.6%
Yield to Maturity	3.8%	3.5%	UST/Agency	35.4%	44.3%	1-3 Years	13.8%
Avg. Eff. Maturity	9.6 yrs.	8.4 yrs.	Corporate	33.0%	25.1%	3-5 Years	7.9%
Avg. Duration	6.7 yrs.	6.0 yrs.	MBS	26.0%	30.1%	5-7 Years	15.7%
Avg. Quality	А		ABS	0.8%	0.5%	7-10 Years	22.3%
			Foreign	6.9%		10-15 Years	1.9%
		N 1 00	Muni			15-20 Years	1.3%
Region		Number Of Assets	Other	-2.0%		>20 Years	18.5%
North America ex U.S.		1				Not Rated/Cash	0.0%
United States		318					
Europe Ex U.K.		3					

Quality Distribution

3

13



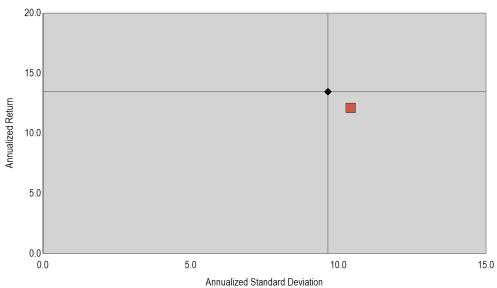
United Kingdom
Pacific Basin Ex Japan
Emerging Markets

U.S. Equity Composite

Characteristics

As of September 30, 2018 Market Value: \$663.7 Million and 29.0% of Fund

Risk / Return - 5 Years



- U.S. Equity Composite
- Russell 3000

Characteristics

	Portfolio	Russell 3000
Number of Holdings	2,430	3,024
Weighted Avg. Market Cap. (\$B)	87.0	191.0
Median Market Cap. (\$B)	3.8	1.8
Price To Earnings	23.5	24.1
Price To Book	4.1	4.9
Price To Sales	3.3	4.1
Return on Equity (%)	16.5	20.2
Yield (%)	1.9	1.8
Beta	1.0	1.0
R-Squared	0.9	1.0

Largest Holdings

	End Weight	Return
APPLE	1.4	22.4
MICROSOFT	1.1	16.4
AMAZON.COM	1.1	17.8
BERKSHIRE HATHAWAY 'B'	0.7	14.7
JP MORGAN CHASE & CO.	0.7	8.9

Characteristics

	Portfolio	Russell 3000
INDUSTRY SECTOR DISTRIBUTION (% Equity)		
Energy	6.3	5.7
Materials	4.6	2.9
Industrials	10.8	10.4
Consumer Discretionary	10.6	10.5
Consumer Staples	4.7	6.0
Health Care	9.8	14.6
Financials	19.2	13.7
Information Technology	15.1	20.7
Communication Services	5.7	9.0
Utilities	5.2	2.8
Real Estate	6.4	3.6
Unclassified	0.1	0.0

Top Contributors

	End Weight	Return	Contribution
APPLE	1.4	22.4	0.3
MICROSOFT	1.1	16.4	0.2
AMAZON.COM	1.1	17.8	0.2
BERKSHIRE HATHAWAY 'B'	0.7	14.7	0.1
PFIZER	0.5	22.5	0.1

Bottom Contributors

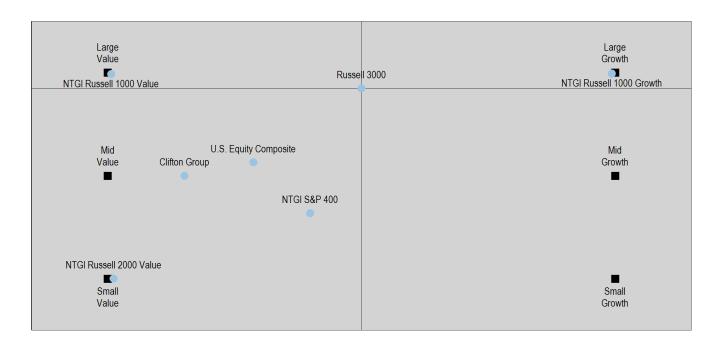
	End Weight	Return	Contribution
FACEBOOK CLASS A	0.5	-15.4	-0.1
WESTERN DIGITAL	0.1	-23.7	0.0
FREEPORT-MCMORAN	0.2	-19.1	0.0
GENERAL ELECTRIC	0.2	-16.3	0.0
NEWMONT MINING	0.1	-19.5	0.0

Market Capitalization

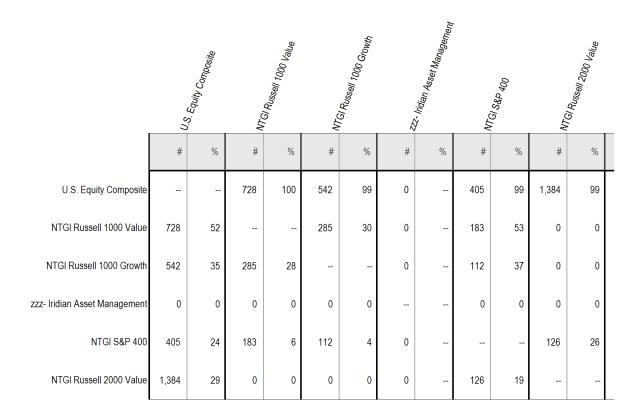
	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
U.S. Equity Composite	23.4%	22.0%	22.3%	12.8%	19.4%
Russell 3000	6.0%	9.1%	15.9%	26.8%	42.2%
Weight Over/Under	17.4%	12.9%	6.4%	-13.9%	-22.8%

As of September 30, 2018

U.S. Equity Style Map



Common Holdings Matrix



Correlation

Market Value: \$663.7 Million and 29.0% of Fund

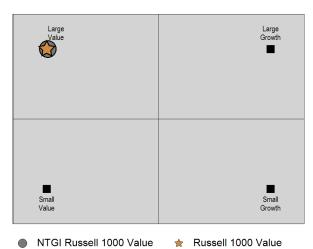
As of September 30, 2018

Correlation Matrix 3 Years

	U.S. Equily Composite	N7G/ Russell 1000 Value	NTGI Russell 1000 Growth	^{22,} Iridian Asset Management	N7G/ S&P 400	MTGI Russell 2000 Value	Pussel/ 3000
U.S. Equity Composite	1.00						
NTGI Russell 1000 Value	0.94	1.00					
NTGI Russell 1000 Growth	0.83	0.78	1.00				
zzz- Iridian Asset Management			-				
NTGI S&P 400	0.97	0.90	0.75		1.00		
NTGI Russell 2000 Value	0.89	0.80	0.53		0.92	1.00	
Russell 3000	0.95	0.95	0.94		0.90	0.74	1.00

As of September 30, 2018

Style Drift - 3 Years



Russell 1000 Value

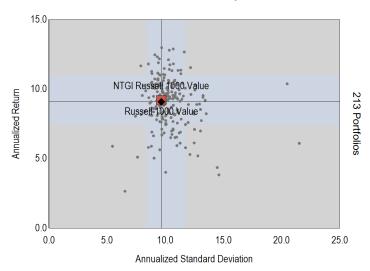
Characteristics

	Portfolio	Russell 1000 Value
Number of Holdings	730	727
Weighted Avg. Market Cap. (\$B)	119.6	119.7
Median Market Cap. (\$B)	9.7	9.7
Price To Earnings	22.2	20.6
Price To Book	2.7	2.9
Price To Sales	3.0	3.0
Return on Equity (%)	13.3	12.9
Yield (%)	2.5	2.5
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	Russell 1000 Value
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	10.8	10.8
Materials	3.9	3.9
Industrials	8.1	8.1
Consumer Discretionary	5.2	5.3
Consumer Staples	7.2	7.2
Health Care	15.2	15.2
Financials	22.8	22.8
Information Technology	9.8	9.8
Communication Services	6.7	6.8
Utilities	5.6	5.6
Real Estate	4.7	4.6
Unclassified	0.1	0.0

Risk / Return - Since Inception



Largest Holdings

	End Weight	Return
JP MORGAN CHASE & CO.	2.8	8.9
BERKSHIRE HATHAWAY 'B'	2.7	14.7
EXXON MOBIL	2.6	3.8
JOHNSON & JOHNSON	2.2	14.6
BANK OF AMERICA	2.0	5.0

Top Contributors

	End Weight	Return	Contribution
PFIZER	1.9	22.5	0.4
BERKSHIRE HATHAWAY 'B'	2.7	14.7	0.4
JOHNSON & JOHNSON	2.2	14.6	0.3
JP MORGAN CHASE & CO.	2.8	8.9	0.2
CISCO SYSTEMS	1.7	13.9	0.2

Bottom Contributors

	End Weight	Return	Contribution
GENERAL ELECTRIC	0.7	-16.3	-0.1
WELLS FARGO & CO	1.7	-4.5	-0.1
INTEL	1.6	-4.3	-0.1
SCHLUMBERGER	0.6	-8.4	-0.1
NXP SEMICONDUCTORS	0.2	-21.5	0.0

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 1000 Value	0.7%	9.7%	20.9%	29.3%	39.4%
Russell 1000 Value	0.9%	9.7%	20.9%	29.3%	39.3%
Weight Over/Under	-0.2%	0.0%	0.0%	0.1%	0.0%

NTGI Russell 1000 Value

Attribution

As of September 30, 2018 Market Value: \$166.1 Million and 7.3% of Fund

Sector Attribution vs Russell 1000 Value

GICS Sector	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Energy	11.1%	11.1%	0.0%	1.5%	1.4%	0.1%		0.0%	0.0%	-0.5%	-0.5%
Materials	4.1%	4.1%	0.0%	3.4%	-0.1%	3.5%		0.0%	0.0%	-0.2%	-0.2%
Industrials	7.9%	7.9%	0.0%	7.0%	8.3%	-1.3%		0.0%	0.0%	0.2%	0.2%
Consumer Discretionary	8.3%	8.3%	0.0%	1.3%	2.2%	-0.8%		0.0%	0.0%	-0.3%	-0.3%
Consumer Staples	7.3%	7.3%	0.0%	3.7%	4.7%	-1.0%		0.0%	0.0%	-0.1%	-0.1%
Health Care	13.8%	13.9%	0.0%	7.4%	15.6%	-8.2%		0.0%	0.0%	1.4%	1.4%
Financials	23.3%	23.3%	0.0%	5.6%	4.2%	1.4%		0.0%	0.0%	-0.4%	-0.4%
Information Technology	9.9%	9.9%	0.0%	1.6%	7.8%	-6.2%		0.0%	0.0%	0.2%	0.2%
Communication Services	3.7%	3.7%	0.0%	2.3%	7.5%	-5.2%		0.0%	0.0%	0.1%	0.1%
Utilities	5.7%	5.7%	0.0%	1.8%	2.4%	-0.7%		0.0%	0.0%	-0.2%	-0.2%
Real Estate	4.9%	4.9%	0.0%	0.7%	0.8%	-0.2%		0.0%	0.0%	-0.2%	-0.2%
Total				4.0%	5.7%	-1.7%		0.0%	0.0%	0.0%	0.0%

NTGI Russell 1000 Value Performance Attribution vs. Russell 1000 Value

	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	0.0%	0.0%	0.0%	0.0%
Materials	0.0%	0.0%	0.0%	0.0%
Industrials	0.0%	0.0%	0.0%	0.0%
Consumer Discretionary	0.0%	0.0%	0.0%	0.0%
Consumer Staples	0.0%	0.0%	0.0%	0.0%
Health Care	0.0%	0.0%	0.0%	0.0%
Financials	0.0%	0.0%	0.0%	0.0%
Information Technology	0.0%	0.0%	0.0%	0.0%
Communication Services	0.0%	0.0%	0.0%	0.0%
Utilities	0.0%	0.0%	0.0%	0.0%
Real Estate	0.0%	0.0%	0.0%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%
Portfolio	0.0% =	0.0% +	0.0% +	0.0%

Market Cap Attribution vs. Russell 1000 Value

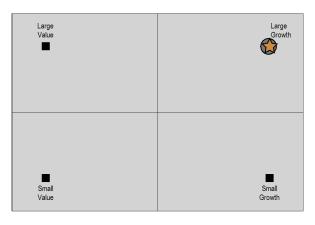
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 235.24	18.7%	18.7%	0.0%	5.0%	6.6%	-1.6%	-0.8%	0.0%	-0.7%	0.2%	-0.6%
2) 100.03 - 235.24	20.8%	20.8%	0.0%	4.8%	8.6%	-3.8%	0.1%	0.7%	0.8%	0.6%	1.4%
3) 39.54 - 100.03	20.5%	20.5%	0.0%	4.4%	6.3%	-1.8%	-0.1%	-0.4%	-0.5%	0.1%	-0.4%
4) 15.42 - 39.54	20.0%	20.0%	0.0%	3.2%	3.8%	-0.6%	-0.3%	-0.4%	-0.8%	-0.4%	-1.2%
5) 0.00 - 15.42	20.1%	20.1%	0.0%	2.4%	3.2%	-0.8%	-0.4%	-0.1%	-0.5%	-0.5%	-1.0%
Total				4.0%	5.7%	-1.7%	-1.5%	-0.3%	-1.7%	0.0%	-1.7%

NTGI Russell 1000 Growth

Characteristics

As of September 30, 2018 Market Value: \$119.9 Million and 5.2% of Fund

Style Drift - 3 Years



NTGI Russell 1000 Growth★ Russell 1000 Growth

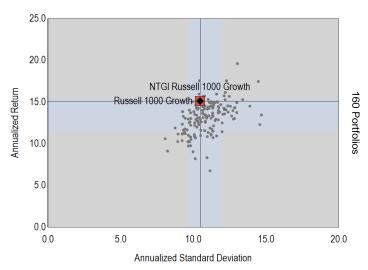
Characteristics

	Portfolio	1000 Growth
Number of Holdings	544	542
Weighted Avg. Market Cap. (\$B)	291.6	291.6
Median Market Cap. (\$B)	12.7	12.7
Price To Earnings	40.4	28.6
Price To Book	10.9	9.2
Price To Sales	5.5	5.5
Return on Equity (%)	33.6	32.1
Yield (%)	1.2	1.2
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	Russell 1000 Growth
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	0.9	0.9
Materials	1.6	1.7
Industrials	11.9	12.0
Consumer Discretionary	15.2	15.4
Consumer Staples	5.4	5.4
Health Care	13.6	13.8
Financials	4.1	4.2
Information Technology	32.3	32.6
Communication Services	11.9	12.0
Utilities	0.0	0.0
Real Estate	2.0	2.0
Unclassified	0.1	0.0

Risk / Return - Since Inception



Largest Holdings

End Weight	Return
7.8	22.4
5.9	16.4
5.8	17.8
2.8	-15.4
2.6	7.0
	7.8 5.9 5.8 2.8

Top Contributors

	End Weight	Return	Contribution
APPLE	7.8	22.4	1.7
AMAZON.COM	5.8	17.8	1.0
MICROSOFT	5.9	16.4	1.0
VISA 'A'	1.9	13.5	0.3
NVIDIA	1.2	18.7	0.2

Bottom Contributors

	End Weight	Return	Contribution
FACEBOOK CLASS A	2.8	-15.4	-0.4
TESLA	0.3	-22.8	-0.1
TWITTER	0.1	-34.8	-0.1
NETFLIX	1.1	-4.4	0.0
APPLIED MATS.	0.3	-15.9	0.0

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 1000 Growth	0.1%	5.6%	13.7%	28.6%	52.0%
Russell 1000 Growth	0.1%	5.6%	13.7%	28.6%	52.0%
Weight Over/Under	0.0%	0.0%	0.0%	0.0%	0.0%



NTGI Russell 1000 Growth

Attribution

As of September 30, 2018 Market Value: \$119.9 Million and 5.2% of Fund

Sector Attribution vs Russell 1000 Growth

GICS Sector	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Energy	1.0%	1.0%	0.0%	-1.8%	-4.8%	3.0%		0.0%	0.0%	-0.1%	-0.1%
Materials	1.8%	1.8%	0.0%	2.2%	-0.1%	2.2%		0.0%	0.0%	-0.2%	-0.2%
Industrials	11.9%	11.9%	0.0%	7.0%	10.7%	-3.7%		0.0%	0.0%	0.2%	0.2%
Consumer Discretionary	17.9%	17.9%	0.0%	1.3%	9.0%	-7.7%		0.0%	0.0%	0.0%	0.0%
Consumer Staples	5.7%	5.7%	0.0%	4.4%	6.8%	-2.4%	-	0.0%	0.0%	-0.1%	-0.1%
Health Care	13.4%	13.4%	0.0%	5.0%	12.8%	-7.8%		0.0%	0.0%	0.5%	0.5%
Financials	4.4%	4.4%	0.0%	1.3%	3.2%	-1.9%	-	0.0%	0.0%	-0.3%	-0.3%
Information Technology	41.5%	41.5%	0.0%	2.1%	9.9%	-7.8%		0.0%	0.0%	0.3%	0.3%
Communication Services	0.2%	0.2%	0.0%	0.9%	9.1%	-8.2%		0.0%	0.0%	0.0%	0.0%
Utilities	0.0%	0.0%	0.0%					0.0%	0.0%		
Real Estate	2.2%	2.2%	0.0%	1.2%	0.2%	1.0%		0.0%	0.0%	-0.2%	-0.2%
Total				3.0%	9.2%	-6.2%		0.0%	0.0%	0.0%	0.0%

NTGI Russell 1000 Growth Performance Attribution vs. Russell 1000 Growth

	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	0.0%	0.0%	0.0%	0.0%
Materials	0.0%	0.0%	0.0%	0.0%
Industrials	0.0%	0.0%	0.0%	0.0%
Consumer Discretionary	0.0%	0.0%	0.0%	0.0%
Consumer Staples	0.0%	0.0%	0.0%	0.0%
Health Care	0.0%	0.0%	0.0%	0.0%
Financials	0.0%	0.0%	0.0%	0.0%
Information Technology	0.0%	0.0%	0.0%	0.0%
Communication Services	0.0%	0.0%	0.0%	0.0%
Utilities	0.0%			
Real Estate	0.0%	0.0%	0.0%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%
Portfolio	-0.1% =	0.0% +	-0.1% +	0.0%

Market Cap Attribution vs. Russell 1000 Growth

	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 757.64	18.0%	18.0%	0.0%	4.8%	19.2%	-14.4%	9.2%	0.0%	9.2%	1.8%	11.0%
2) 155.83 - 757.64	21.4%	21.4%	0.0%	1.7%	4.5%	-2.8%	-1.1%	-24.5%	-25.6%	-1.0%	-26.6%
3) 64.01 - 155.83	20.2%	20.2%	0.0%	3.6%	9.6%	-5.9%	-1.8%	8.6%	6.8%	0.1%	6.9%
4) 26.38 - 64.01	20.4%	20.4%	0.0%	2.5%	6.0%	-3.5%	1.3%	-6.8%	-5.5%	-0.7%	-6.1%
5) 0.00 - 26.38	20.0%	20.0%	0.0%	2.5%	8.1%	-5.6%	0.1%	8.7%	8.7%	-0.2%	8.5%
Total				3.0%	9.2%	-6.2%	7.8%	-14.0%	-6.2%	0.0%	-6.2%

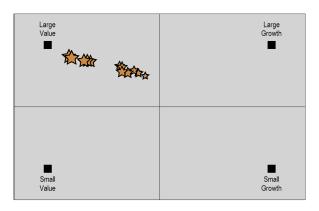
Vanguard Mid Cap Value

Characteristics

Market Value: \$99.4 Million and 4.3% of Fund

As of September 30, 2018

Style Drift - 3 Years



Vanguard Mid Cap ValueCRSP US Mid Cap Value TRUSD

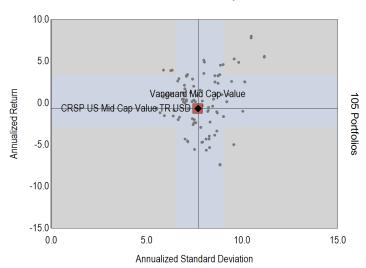
Characteristics

	Portfolio	MidCap Value
Number of Holdings	209	594
Weighted Avg. Market Cap. (\$B)	14.0	14.7
Median Market Cap. (\$B)	11.9	7.5
Price To Earnings	17.8	20.0
Price To Book	2.9	2.6
Price To Sales	2.2	3.1
Return on Equity (%)	17.9	11.4
Yield (%)	2.3	2.2
Beta		1.0
R-Squared		1.0

Characteristics

	Portfolio	Russell MidCap Value
INDUSTRY SECTOR DISTRIBUTION (% E	quity)	
Energy	5.0	7.9
Materials	7.9	6.1
Industrials	8.9	12.6
Consumer Discretionary	15.7	9.0
Consumer Staples	4.9	4.9
Health Care	5.2	6.8
Financials	20.6	17.5
Information Technology	12.0	9.1
Communication Services	4.9	3.3
Utilities	10.4	10.1
Real Estate	4.3	12.7
Unclassified	0.1	0.0

Risk / Return - Since Inception



Largest Holdings

	End Weight	Return
NETAPP	1.1	9.9
ROYAL CARIBBEAN CRUISES	1.0	26.1
M&T BANK	1.0	-2.8
MOTOROLA SOLUTIONS	1.0	12.3
WEC ENERGY GROUP	1.0	4.1

Top Contributors

End Weight	Return	Contribution
1.0	26.1	0.3
0.7	24.0	0.2
1.0	16.6	0.2
0.7	24.6	0.2
0.9	14.8	0.1
	1.0 0.7 1.0 0.7	1.0 26.1 0.7 24.0 1.0 16.6 0.7 24.6

Bottom Contributors

	End Weight	Return	Contribution
WESTERN DIGITAL	0.8	-23.7	-0.2
FREEPORT-MCMORAN	0.9	-19.1	-0.2
NEWMONT MINING	0.8	-19.5	-0.1
EQT	0.6	-19.8	-0.1
LEAR	0.5	-21.6	-0.1

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
Vanguard Mid Cap Value	0.5%	17.0%	81.3%	1.2%	0.0%
Russell MidCap Value	2.6%	29.2%	60.5%	7.8%	0.0%
Weight Over/Under	-2.0%	-12.2%	20.9%	-6.6%	0.0%



Vanguard Mid Cap Value

Attribution

As of September 30, 2018 Market Value: \$99.4 Million and 4.3% of Fund

Sector Attribution vs Russell MidCap Value

GICS Sector	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Energy	7.5%	7.7%	-0.2%	3.8%	1.5%	2.2%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Materials	8.2%	6.3%	1.8%	2.4%	-1.0%	3.5%	0.0%	0.0%	0.0%	-0.3%	-0.3%
Industrials	8.1%	11.8%	-3.7%	7.5%	9.6%	-2.1%	0.0%	0.0%	0.0%	0.7%	0.7%
Consumer Discretionary	18.6%	11.5%	7.1%	1.8%	0.8%	1.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%
Consumer Staples	6.3%	5.1%	1.2%	2.6%	-0.5%	3.1%	0.0%	0.1%	0.0%	-0.2%	-0.1%
Health Care	4.8%	6.4%	-1.6%	3.9%	9.2%	-5.3%	0.0%	0.0%	0.0%	0.4%	0.3%
Financials	20.5%	18.1%	2.4%	5.1%	1.4%	3.7%	0.0%	0.1%	0.1%	-0.3%	-0.3%
Information Technology	11.2%	8.9%	2.3%	3.4%	7.6%	-4.2%	0.0%	0.0%	0.0%	0.4%	0.4%
Communication Services	0.9%	0.7%	0.2%	0.7%	16.1%	-15.4%	0.0%	0.0%	0.0%	0.1%	0.1%
Utilities	9.9%	10.0%	-0.2%	1.8%	3.1%	-1.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Real Estate	4.1%	13.3%	-9.2%	1.4%	0.5%	0.9%	0.0%	0.0%	0.0%	-0.4%	-0.3%
Total				3.4%	3.3%	0.2%	0.0%	0.2%	0.2%	0.0%	0.2%

Vanguard Mid Cap Value Performance Attribution vs. Russell MidCap Value

	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	-0.1%	-0.1%	0.0%	0.0%
Materials	-0.1%	-0.1%	0.0%	0.0%
Industrials	0.0%	0.5%	-0.4%	-0.2%
Consumer Discretionary	0.3%	0.1%	0.1%	0.1%
Consumer Staples	0.1%	0.1%	0.0%	0.0%
Health Care	-0.5%	-0.5%	-0.2%	0.1%
Financials	0.3%	0.2%	0.0%	0.0%
Information Technology	0.1%	0.0%	0.2%	0.0%
Communication Services	0.0%	0.0%	0.0%	0.0%
Utilities	0.0%	0.0%	0.0%	0.0%
Real Estate	0.0%	0.0%	0.0%	0.0%
Cash	0.0%			
Portfolio	0.0%	= 0.2%	+ -0.3%	+ 0.0%

Market Cap Attribution vs. Russell MidCap Value

	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 20.72	9.4%	20.0%	-10.6%	3.4%	3.7%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.1%
2) 15.65 - 20.72	25.7%	20.0%	5.7%	3.1%	3.3%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
3) 10.65 - 15.65	35.0%	19.8%	15.2%	3.8%	3.4%	0.4%	0.0%	0.1%	0.1%	0.0%	0.1%
4) 6.56 - 10.65	25.4%	20.1%	5.3%	3.1%	4.0%	-0.9%	0.0%	0.0%	0.0%	0.1%	0.2%
5) 0.00 - 6.56	4.5%	20.1%	-15.6%	5.2%	2.0%	3.1%	0.0%	0.0%	0.1%	-0.2%	-0.2%
Total				3.4%	3.3%	0.2%	0.1%	0.1%	0.2%	0.0%	0.2%

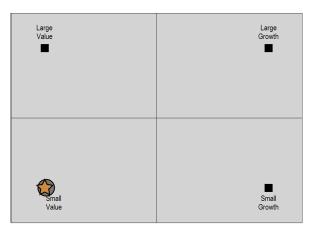
NTGI Russell 2000 Value

Characteristics

As of September 30, 2018

Market Value: \$174.5 Million and 7.6% of Fund

Style Drift - 3 Years



NTGI Russell 2000 Value

Russell 2000 Value

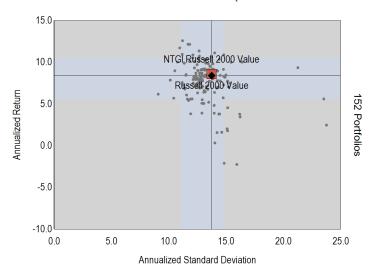
Characteristics

	Portfolio	2000 Value
Number of Holdings	1,388	1,387
Weighted Avg. Market Cap. (\$B)	2.1	2.1
Median Market Cap. (\$B)	0.8	0.8
Price To Earnings	15.2	14.5
Price To Book	1.7	1.8
Price To Sales	2.7	2.6
Return on Equity (%)	7.3	7.1
Yield (%)	2.0	1.8
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	Russell 2000 Value
INDUSTRY SECTOR DISTRIBUTION (% Ed	ιuity)	
Energy	7.5	7.3
Materials	4.4	4.4
Industrials	11.9	12.1
Consumer Discretionary	9.4	9.5
Consumer Staples	2.5	2.5
Health Care	5.0	5.0
Financials	28.0	28.3
Information Technology	10.2	10.3
Communication Services	3.0	3.0
Utilities	5.9	6.0
Real Estate	11.4	11.5
Unclassified	0.1	0.0

Risk / Return - Since Inception



Largest Holdings

	Ena weight	Return
IDACORP	0.5	8.3
MGIC INVESTMENT	0.4	24.2
IBERIABANK	0.4	7.8
CACI INTERNATIONAL 'A'	0.4	9.3
CIENA	0.4	17.8

Top Contributors

	End Weight	Return	Contribution
ENDO INTERNATIONAL	0.3	78.5	0.2
CLEVELAND CLIFFS	0.3	50.2	0.1
MALLINCKRODT	0.2	57.1	0.1
LIVERAMP HOLDINGS	0.2	65.0	0.1
RADIAN GP.	0.4	27.5	0.1

Bottom Contributors

	End Weight	Return	Contribution
MAXAR TECHNOLOGIES	0.2	-33.9	-0.1
PDC ENERGY	0.3	-19.0	-0.1
BED BATH & BEYOND	0.2	-24.0	0.0
UNITED NATURAL FOODS	0.1	-29.8	0.0
MAGELLAN HEALTH	0.2	-24.9	0.0

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 2000 Value	79.6%	20.4%	0.0%	0.0%	0.0%
Russell 2000 Value	79.7%	20.3%	0.0%	0.0%	0.0%
Weight Over/Under	-0.1%	0.1%	0.0%	0.0%	0.0%



NTGI Russell 2000 Value

Attribution

Market Value: \$174.5 Million and 7.6% of Fund

As of September 30, 2018

Sector Attribution vs Russell 2000 Value

GICS Sector	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Energy	7.3%	7.3%	0.0%	-1.7%	-0.9%	-0.8%	0.0%	0.0%	0.0%	-0.2%	-0.2%
Materials	4.4%	4.4%	0.0%	2.3%	1.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Industrials	11.6%	11.6%	0.0%	5.1%	5.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%
Consumer Discretionary	11.4%	11.4%	0.0%	-0.3%	2.6%	-2.9%	0.0%	0.0%	0.0%	0.1%	0.1%
Consumer Staples	2.7%	2.7%	0.0%	0.9%	-6.8%	7.7%	0.0%	0.0%	0.0%	-0.2%	-0.2%
Health Care	4.7%	4.7%	0.0%	4.4%	7.5%	-3.2%	0.0%	0.0%	0.0%	0.3%	0.3%
Financials	28.3%	28.4%	-0.1%	2.5%	0.7%	1.8%	0.0%	0.1%	0.1%	-0.3%	-0.1%
Information Technology	10.6%	10.6%	0.0%	2.1%	1.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
Communication Services	0.6%	0.6%	0.0%	7.6%	30.0%	-22.4%	0.0%	0.0%	0.0%	0.2%	0.2%
Utilities	6.3%	6.2%	0.0%	1.8%	3.5%	-1.8%	0.0%	0.0%	0.0%	0.1%	0.1%
Real Estate	12.2%	12.1%	0.1%	-0.5%	-0.8%	0.3%	0.0%	0.0%	0.0%	-0.3%	-0.3%
Total				1.8%	1.7%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%

NTGI Russell 2000 Value Performance Attribution vs. Russell 2000 Value

	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	0.0%	0.0%	0.0%	0.0%
Materials	0.0%	0.0%	0.0%	0.0%
Industrials	0.0%	0.0%	0.0%	0.0%
Consumer Discretionary	0.0%	0.0%	0.0%	0.0%
Consumer Staples	0.0%	0.0%	0.0%	0.0%
Health Care	0.0%	0.0%	0.0%	0.0%
Financials	0.0%	0.0%	0.0%	0.0%
Information Technology	0.0%	0.0%	0.0%	0.0%
Communication Services	0.0%	0.0%	0.0%	0.0%
Utilities	0.0%	0.0%	0.0%	0.0%
Real Estate	0.0%	0.0%	0.0%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%
Portfolio	0.0% =	0.0% +	0.0% +	0.0%

Market Cap Attribution vs. Russell 2000 Value

	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 3.11	20.0%	19.9%	0.0%	2.4%	2.6%	-0.2%	0.0%	0.0%	0.0%	0.2%	0.2%
2) 2.25 - 3.11	20.0%	20.0%	0.0%	2.6%	2.0%	0.6%	0.0%	0.0%	0.0%	0.1%	0.0%
3) 1.56 - 2.25	20.2%	20.2%	-0.1%	2.0%	3.5%	-1.5%	0.0%	0.1%	0.1%	0.4%	0.5%
4) 0.90 - 1.56	20.1%	20.1%	0.0%	1.8%	1.0%	0.8%	0.0%	0.0%	0.0%	-0.1%	-0.1%
5) 0.00 - 0.90	19.8%	19.7%	0.0%	0.2%	-0.7%	0.9%	0.0%	0.0%	0.0%	-0.5%	-0.5%
Total				1.8%	1.7%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%

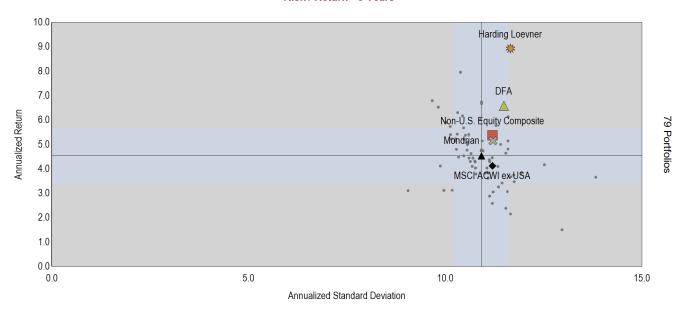
Non-U.S. Equity Composite

Characteristics

As of September 30, 2018

Market Value: \$507.8 Million and 22.2% of Fund

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI ACWI ex USA
Number of Holdings	8,366	2,166
Weighted Avg. Market Cap. (\$B)	33.0	62.2
Median Market Cap. (\$B)	0.4	7.7
Price To Earnings	18.4	18.8
Price To Book	2.3	2.6
Price To Sales	2.1	2.4
Return on Equity (%)	13.4	15.6
Yield (%)	2.9	3.0
Beta	1.0	1.0
R-Squared	1.0	1.0

Region	% of Total	% of Bench
North America ex U.S.	1.9%	6.6%
United States	0.3%	0.0%
Europe Ex U.K.	28.6%	31.7%
United Kingdom	9.7%	12.1%
Pacific Basin Ex Japan	11.7%	8.0%
Japan	17.1%	16.7%
Emerging Markets	30.2%	24.3%
Other	0.5%	0.6%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI ACWI ex USA
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	6.7	7.6
Materials	11.6	8.1
Industrials	15.1	11.9
Consumer Discretionary	11.4	10.4
Consumer Staples	8.0	9.5
Health Care	6.6	8.4
Financials	18.6	22.1
Information Technology	8.2	8.4
Communication Services	4.7	7.4
Utilities	2.8	3.0
Real Estate	3.6	3.1
Unclassified	0.3	0.0

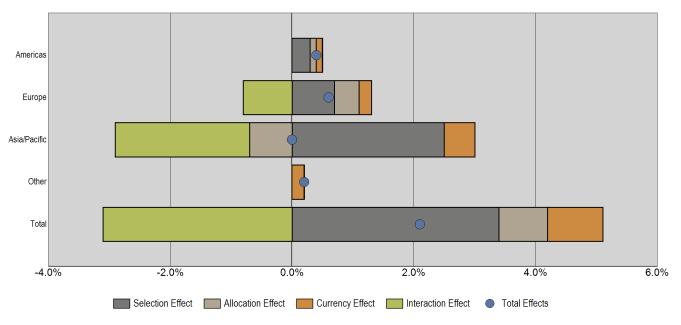
	Small Cap	Mid Cap	Large Cap
Non-U.S. Equity Composite	44.4%	13.7%	41.9%
MSCI ACWI ex USA	6.3%	19.9%	73.6%

Non-U.S. Equity Composite

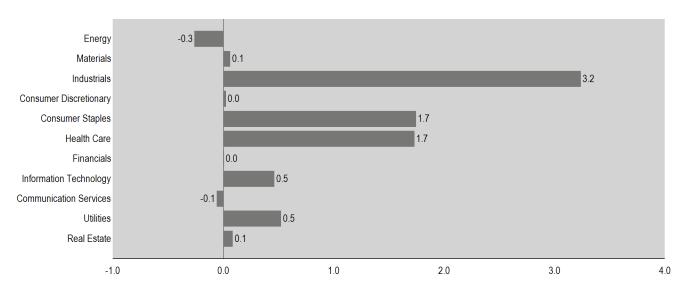
Attribution

As of September 30, 2018 Market Value: \$507.8 Million and 22.2% of Fund





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 90.87	12.5%	19.9%	-7.4%	2.6%	0.3%	2.3%	0.2%	0.0%	0.2%	-0.1%	0.1%
2) 44.53 - 90.87	12.6%	20.0%	-7.5%	3.3%	2.1%	1.2%	-0.2%	0.4%	0.2%	0.3%	0.4%
3) 23.03 - 44.53	11.0%	20.1%	-9.1%	6.7%	0.8%	6.0%	0.2%	2.5%	2.8%	0.0%	2.8%
4) 10.77 - 23.03	11.2%	20.0%	-8.8%	5.3%	0.8%	4.5%	-0.1%	2.5%	2.4%	0.0%	2.4%
5) 0.00 - 10.77	52.7%	20.0%	32.7%	14.7%	-0.1%	14.8%	-0.3%	0.7%	0.3%	-0.2%	0.2%
Total				6.8%	0.8%	6.0%	-0.2%	6.1%	5.9%	0.0%	5.9%

Non-U.S. Equity Composite

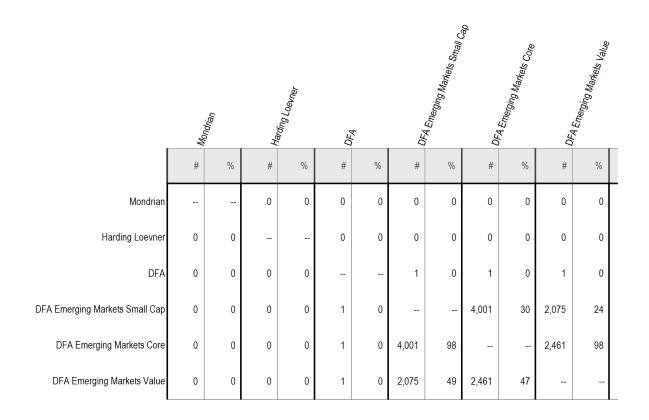
As of September 30, 2018

Market Value: \$507.8 Million and 22.2% of Fund

Equity Style Map 3 Years Ending September 30, 2018



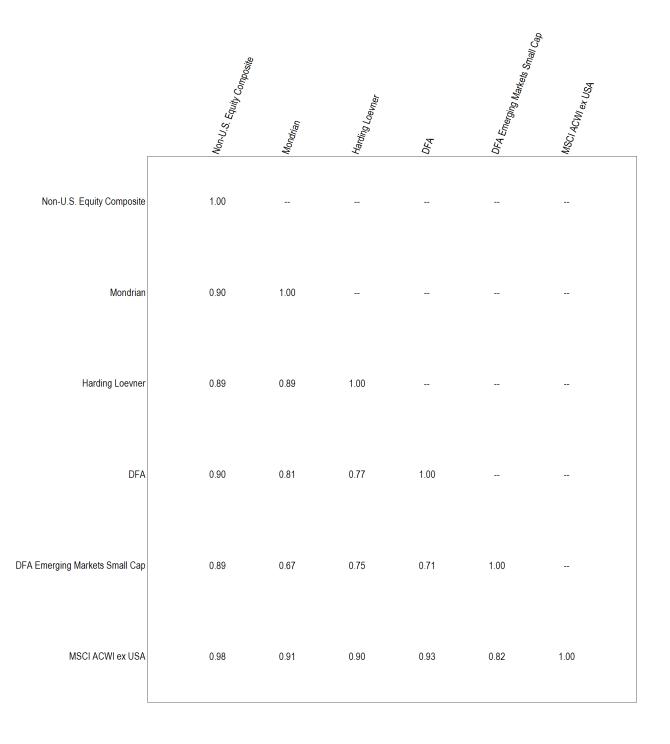
Common Holdings Matrix



Market Value: \$507.8 Million and 22.2% of Fund

As of September 30, 2018

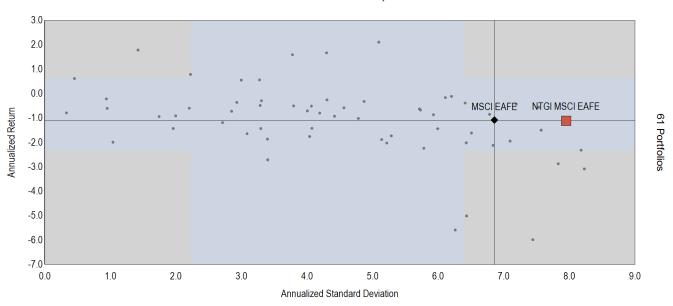
Correlation Matrix 3 Years



Market Value: \$224.6 Million and 9.8% of Fund

As of September 30, 2018

Risk / Return - Since Inception



Characteristics

	Portfolio	MSCI EAFE
Number of Holdings	985	924
Weighted Avg. Market Cap. (\$B)	58.3	57.8
Median Market Cap. (\$B)	10.5	10.8
Price To Earnings	20.5	19.0
Price To Book	3.1	2.6
Price To Sales	2.6	2.3
Return on Equity (%)	16.8	14.7
Yield (%)	3.1	3.1
Beta		1.0
R-Squared		1.0

Region	% of Total	% of Bench
North America ex U.S.	0.0%	0.0%
United States	0.5%	0.0%
Europe Ex U.K.	46.7%	46.0%
United Kingdom	14.3%	17.6%
Pacific Basin Ex Japan	13.0%	11.6%
Japan	24.9%	24.2%
Emerging Markets	0.2%	0.0%
Other	0.4%	0.5%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI EAFE
INDUSTRY SECTOR DISTRIBUTION (%	Equity)	
Energy	5.9	6.2
Materials	7.4	8.1
Industrials	14.0	14.5
Consumer Discretionary	10.6	11.0
Consumer Staples	10.8	11.1
Health Care	10.7	11.1
Financials	18.9	19.8
Information Technology	5.9	6.1
Communication Services	5.3	5.5
Utilities	3.1	3.2
Real Estate	3.2	3.4
Unclassified	0.2	0.0

	Small Cap	Mid Cap	Large Cap
NTGI MSCI EAFE	5.5%	20.3%	74.2%
MSCLEAFE	5.6%	20.2%	74.2%

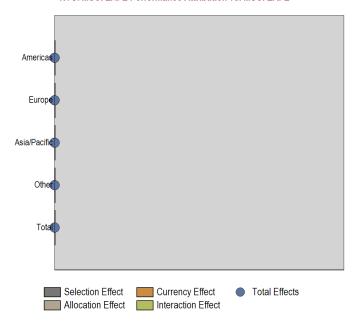
NTGI MSCI EAFE Attribution

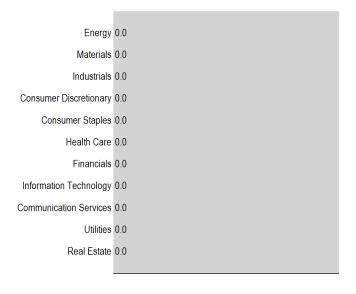
As of September 30, 2018

Market Value: \$224.6 Million and 9.8% of Fund

Active Contribution

NTGI MSCI EAFE Performance Attribution vs. MSCI EAFE





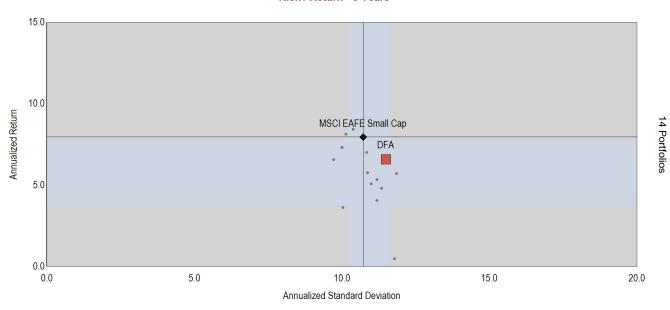
NTGI MSCI EAFE

Performance By Characteristic

	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 90.87	0.0%	19.5%	-19.5%		1.5%			0.0%	0.0%	0.0%	0.0%
2) 47.40 - 90.87	0.0%	20.4%	-20.4%		2.3%			0.0%	0.0%	0.2%	0.2%
3) 27.23 - 47.40	0.0%	20.1%	-20.1%		0.1%			0.0%	0.0%	-0.3%	-0.3%
4) 12.55 - 27.23	0.0%	20.0%	-20.0%		2.6%			0.0%	0.0%	0.2%	0.2%
5) 0.00 - 12.55	0.0%	20.0%	-20.0%		0.5%			0.0%	0.0%	-0.2%	-0.2%

As of September 30, 2018

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI EAFE Small Cap
Number of Holdings	2,092	2,344
Weighted Avg. Market Cap. (\$B)	2.1	2.8
Median Market Cap. (\$B)	0.4	1.1
Price To Earnings	15.6	19.2
Price To Book	1.2	2.5
Price To Sales	1.3	2.5
Return on Equity (%)	6.8	13.2
Yield (%)	2.8	2.4
Beta	1.0	1.0
R-Squared	0.9	1.0

Region	% of Total	% of Bench
North America ex U.S.	8.2%	0.0%
United States	0.2%	0.0%
Europe Ex U.K.	36.1%	37.5%
United Kingdom	15.5%	18.3%
Pacific Basin Ex Japan	11.6%	11.3%
Japan	27.6%	31.0%
Emerging Markets	0.0%	0.0%
Other	0.8%	2.0%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI EAFE Small Cap
INDUSTRY SECTOR DISTRIBUTION (% Ed	quity)	
Energy	7.9	3.1
Materials	16.0	8.6
Industrials	23.3	22.0
Consumer Discretionary	13.6	13.0
Consumer Staples	4.8	6.6
Health Care	2.1	7.5
Financials	20.5	11.9
Information Technology	4.1	9.7
Communication Services	2.7	4.7
Utilities	1.8	2.0
Real Estate	3.0	10.7
Unclassified	0.0	0.0

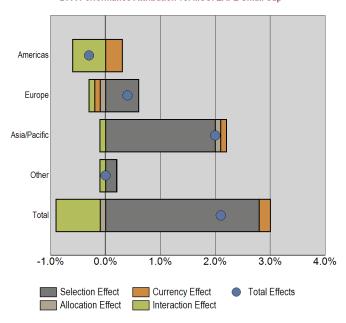
	Small Cap	Mid Cap	Large Cap
DFA	97.8%	2.2%	0.0%
MSCI EAFE Small Cap	94.3%	5.7%	0.0%

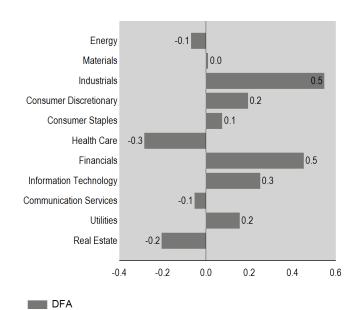
Attribution

As of September 30, 2018 Market Value: \$112.8 Million and 4.9% of Fund

Active Contribution

DFA Performance Attribution vs. MSCI EAFE Small Cap





Performance By Characteristic

	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 4.08	14.5%	20.0%	-5.5%	3.5%	-0.1%	3.6%	-0.1%	1.0%	0.9%	0.1%	1.0%
2) 2.84 - 4.08	11.6%	20.0%	-8.4%	0.7%	-1.1%	1.8%	0.0%	0.1%	0.1%	-0.1%	0.1%
3) 1.86 - 2.84	17.4%	20.0%	-2.6%	0.6%	-1.0%	1.7%	0.0%	0.0%	0.0%	0.0%	-0.1%
4) 1.13 - 1.86	20.5%	20.1%	0.4%	1.0%	-1.1%	2.2%	0.0%	0.4%	0.4%	-0.1%	0.4%
5) 0.00 - 1.13	36.0%	19.8%	16.2%	1.1%	-0.7%	1.8%	-0.2%	0.9%	0.7%	0.0%	0.7%

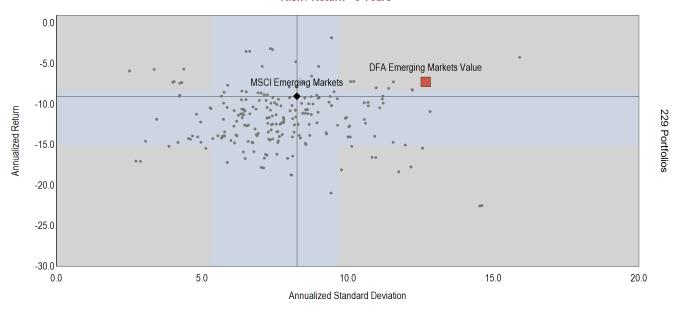
DFA Emerging Markets Value

Characteristics

As of September 30, 2018

Market Value: \$53.1 Million and 2.3% of Fund

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI Emerging Markets
Number of Holdings	2,523	1,151
Weighted Avg. Market Cap. (\$B)	26.0	79.3
Median Market Cap. (\$B)	0.4	5.3
Price To Earnings	17.2	18.6
Price To Book	1.3	3.1
Price To Sales	1.3	2.5
Return on Equity (%)	10.2	17.7
Yield (%)	3.2	2.7
Beta		1.0
R-Squared		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.	0.1%	0.3%
United Kingdom	0.0%	0.0%
Pacific Basin Ex Japan	7.6%	0.0%
Japan	0.0%	0.0%
Emerging Markets	92.3%	98.7%
Other	0.0%	1.0%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI Emerging Markets
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	14.8	8.1
Materials	18.1	7.9
Industrials	9.4	5.4
Consumer Discretionary	7.4	10.6
Consumer Staples	3.2	6.5
Health Care	1.0	3.1
Financials	27.5	23.2
Information Technology	8.1	15.9
Communication Services	4.1	14.1
Utilities	1.4	2.4
Real Estate	3.1	2.9
Unclassified	1.8	0.0

	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Value	25.9%	19.2%	55.0%
MSCI Emerging Markets	5.5%	17.5%	77.0%

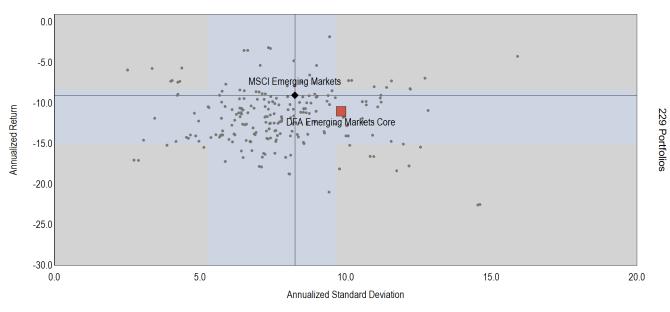
DFA Emerging Markets Core

Characteristics

As of September 30, 2018

Market Value: \$50.7 Million and 2.2% of Fund

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI Emerging Markets
Number of Holdings	5,039	1,151
Weighted Avg. Market Cap. (\$B)	43.3	79.3
Median Market Cap. (\$B)	0.4	5.3
Price To Earnings	18.8	18.6
Price To Book	2.9	3.1
Price To Sales	2.8	2.5
Return on Equity (%)	17.3	17.7
Yield (%)	2.8	2.7
Beta		1.0
R-Squared		1.0

Region	% of Total	% of Bench
North America ex U.S.	0.0%	0.0%
United States	0.4%	0.0%
Europe Ex U.K.	0.2%	0.3%
United Kingdom	0.0%	0.0%
Pacific Basin Ex Japan	9.2%	0.0%
Japan	0.0%	0.0%
Emerging Markets	90.1%	98.7%
Other	0.1%	1.0%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI Emerging Markets
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	6.4	8.1
Materials	11.7	7.9
Industrials	9.2	5.4
Consumer Discretionary	10.3	10.6
Consumer Staples	7.5	6.5
Health Care	3.6	3.1
Financials	17.7	23.2
Information Technology	18.8	15.9
Communication Services	8.1	14.1
Utilities	3.1	2.4
Real Estate	3.5	2.9
Unclassified	0.2	0.0

	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Core	31.9%	18.9%	49.2%
MSCI Emerging Markets	5.5%	17.5%	77.0%

DFA Emerging Markets Core

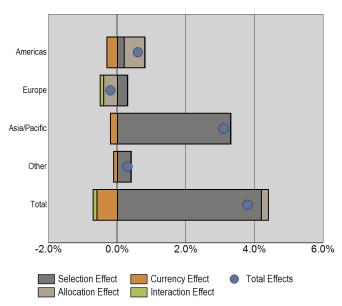
As of September 30, 2018

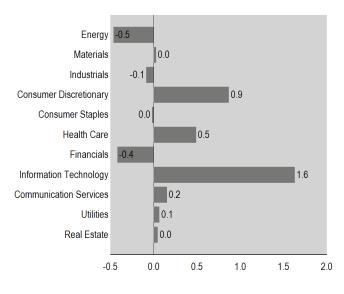
Attribution

Market Value: \$50.7 Million and 2.2% of Fund

Active Contribution







DFA Emerging Markets Core

Performance By Characteristic

	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 114.84	10.6%	19.6%	-9.0%	1.3%	-3.0%	4.3%	1.2%	1.2%	2.4%	-0.4%	2.1%
2) 33.78 - 114.84	11.8%	20.3%	-8.5%	4.8%	0.5%	4.3%	-0.7%	0.4%	-0.4%	0.3%	0.0%
3) 15.00 - 33.78	12.8%	19.8%	-7.0%	4.0%	-0.2%	4.2%	-0.3%	0.8%	0.5%	0.2%	0.6%
4) 6.29 - 15.00	16.2%	20.2%	-4.0%	3.4%	-1.3%	4.7%	-0.1%	0.4%	0.3%	-0.1%	0.2%
5) 0.00 - 6.29	48.5%	20.0%	28.6%	2.1%	-1.2%	3.3%	-1.0%	2.0%	1.0%	0.0%	1.0%
Total				2.8%	-1.0%	3.8%	-0.9%	4.8%	3.8%	0.0%	3.8%

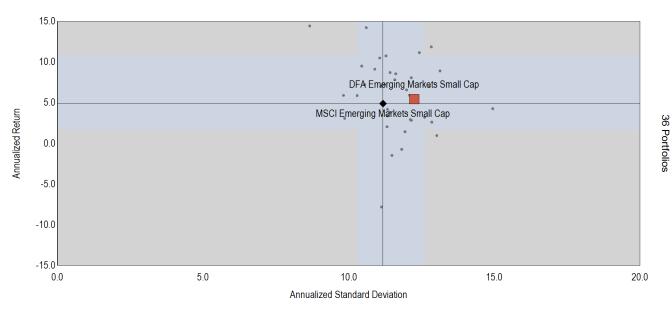
DFA Emerging Markets Small Cap

Characteristics

As of September 30, 2018

Market Value: \$64.9 Million and 2.8% of Fund

Risk / Return - 2 Years



Characteristics

	Portfolio	MSCI Emerging Markets Small Cap
Number of Holdings	4,192	1,731
Weighted Avg. Market Cap. (\$B)	1.3	1.1
Median Market Cap. (\$B)	0.3	0.6
Price To Earnings	16.9	16.0
Price To Book	2.6	2.4
Price To Sales	2.4	2.3
Return on Equity (%)	13.6	13.1
Yield (%)	2.6	2.6
Beta	1.1	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%	0.7%
United Kingdom	0.0%	0.0%
Pacific Basin Ex Japan	12.9%	0.0%
Japan	0.0%	0.0%
Emerging Markets	85.9%	97.7%
Other	0.6%	1.7%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI Emerging Markets Small Cap
INDUSTRY SECTOR DISTRIBUTION (% E	Equity)	
Energy	1.4	2.1
Materials	13.1	12.7
Industrials	14.5	14.2
Consumer Discretionary	15.0	14.4
Consumer Staples	8.1	7.0
Health Care	7.2	9.3
Financials	8.2	9.8
Information Technology	15.5	14.9
Communication Services	3.7	4.2
Utilities	4.7	3.9
Real Estate	7.0	7.6
Unclassified	0.3	0.0

	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Small Cap	90.8%	9.0%	0.2%
MSCI Emerging Markets Small Cap	97.9%	2.1%	0.0%

DFA Emerging Markets Small Cap

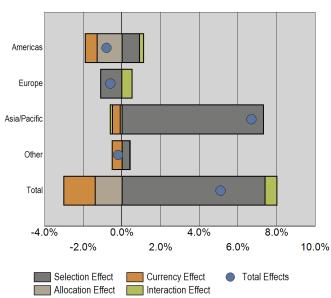
As of September 30, 2018

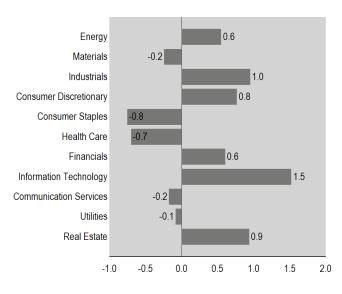
Attribution

Market Value: \$64.9 Million and 2.8% of Fund

Active Contribution







DFA Emerging Markets Small Cap

Performance By Characteristic

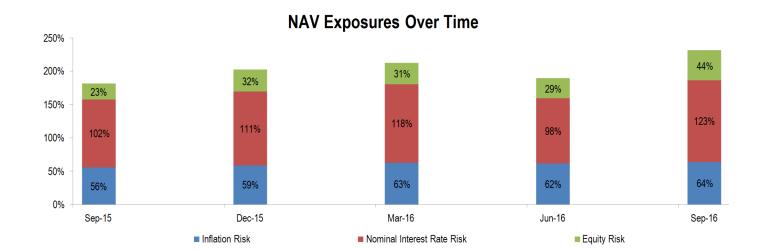
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 1.75	25.7%	20.0%	5.7%	2.0%	-5.8%	7.8%	-1.0%	2.6%	1.7%	-0.4%	1.3%
2) 1.23 - 1.75	12.5%	20.1%	-7.6%	1.7%	-4.5%	6.2%	-0.1%	-0.6%	-0.7%	-0.1%	-0.8%
3) 0.86 - 1.23	13.9%	20.0%	-6.1%	2.5%	-2.3%	4.7%	0.6%	-0.6%	0.0%	0.3%	0.3%
4) 0.55 - 0.86	15.1%	20.1%	-5.0%	0.4%	-4.1%	4.5%	-1.3%	-1.6%	-2.9%	0.0%	-3.0%
5) 0.00 - 0.55	32.8%	19.9%	12.9%	-0.2%	-3.2%	3.1%	-0.2%	7.3%	7.1%	0.1%	7.3%
Total				1.1%	-4.0%	5.1%	-2.0%	7.1%	5.1%	0.0%	5.1%

AQR Risk Parity Characteristics

As of September 30, 2018 Market Value: \$116.4 Million and 5.1% 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%		





Characteristics

As of June 30, 2018 Market Value: \$74.6 Million and 3.3% of Fund

Characteristics

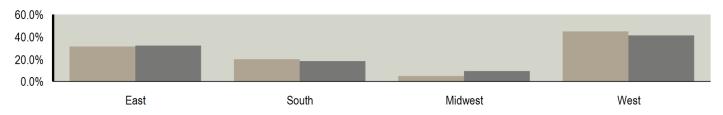
Strategy Breakdown

			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$42,129.5	Pre-Development		New York-Northern New Jersey	13.5%
Fund NAV (\$MM)	\$32,360.7	Development	3.7%	Dallas-Fort Worth-Arlington, TX	10.5%
Cash (% of NAV)	2.3%	Initial Leasing	0.5%	Los Angeles-Long Beach-Santa	10.5%
# of Investments	163	Operating	95.8%	Boston-Cambridge-Quincy, MA	9.0%
% in Top 10 by NAV	26.4%	Re-Development		San Jose-Sunnyvale-Santa Cla	7.0%
Leverage %	23.4%	Other			
Occupancy	92.7%				
# of MSAs	52	Queue In:		Queue Out:	
1-Year Dividend Yield	4.0%	Contribution Queue (\$MM)	\$478.50	Redemption Queue (\$MM)	\$0.00
As of Date	June, 30, 2018	Anticipated Drawdown (Months)	3	Anticipated Payout (Months)	0

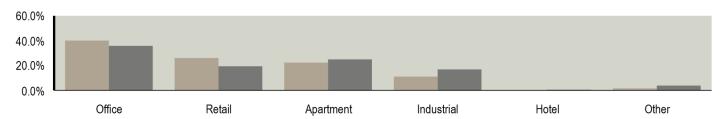
Top Ten Holdings Investment Detail

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#	Property	Туре	Location	% of Fund NAV
1	Edens - SPF	Retail	Various	3.7%
2	Valley Fair Mall	Retail	San Jose, CA	3.5%
3	DSRG - SPF	Retail	Various	3.0%
4	Royal Hawaiian Center	Retail	Honolulu, HI	2.8%
5	Alliance Texas - Industrial	Industrial	Fort Worth, TX	2.8%
6	1345 Avenue of the Americas	Office	New York, NY	2.2%
7	University Towne Center	Retail	San Diego, CA	2.2%
8	Century Plaza Towers	Office	Los Angeles, CA	2.2%
9	China Basin	Office	San Francisco, CA	2.1%
10	NorthPark Center JV	Retail	Dallas, TX	1.9%
Total				26.4%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)





■ JPMorgan Strategic Property Fund ■ NFI-ODCE EqW





As of June 30, 2018 Market Value: \$70.7 Million and 3.1% of Fund

Characteristics

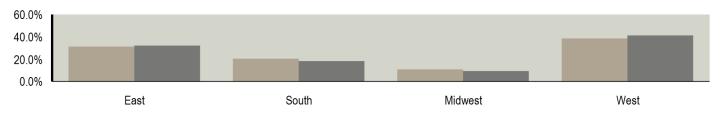
Strategy Breakdown

			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$26,054.8	Pre-Development	1.0%	Los Angeles	13.8%
Fund NAV (\$MM)	\$21,663.0	Development	4.0%	New York	8.8%
Cash (% of NAV)	1.1%	Initial Leasing	4.9%	Chicago	8.7%
# of Investments	392	Operating	90.1%	Boston	7.8%
% in Top 10 by NAV	23.1%	Re-Development		San Francisco	7.3%
Leverage %	16.4%	Other			
Occupancy	93.3%				
# of MSAs	30	Queue In:		Queue Out:	
1-Year Dividend Yield	4.0%	Contribution Queue (\$MM)	\$1,219.04	Redemption Queue (\$MM)	
As of Date	June, 30, 2018	Anticipated Drawdown (Months) Anticipated Payout (Months)			

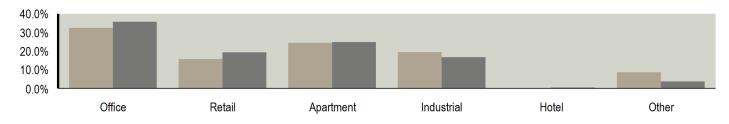
Top Ten Holdings Investment Detail

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#	Property	Туре	Location	% of Fund NAV
1	Two Park Avenue	Office	New York, NY	3.0%
2	Hills Plaza	Office	San Francisco, CA	3.0%
3	Fashion Valley Mall	Retail	San Diego, CA	2.9%
4	One Post Office Square	Office	Boston, MA	2.5%
5	Dadeland Mall	Retail	Miami, FL	2.2%
6	One Maritime Plaza	Office	San Francisco, CA	2.2%
7	Waterview Tower	Office	Arlington, VA	2.0%
8	Rosedale Shopping Center	Retail	Roseville, MN	1.9%
9	155 North Wacker	Office	Chicago, IL	1.9%
10	Christiana Mall	Retail	Newark, DE	1.6%
Total				23.2%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)







As of March 31, 2018 Market Value: \$37.6 Million and 1.6% of Fund

Characteristics

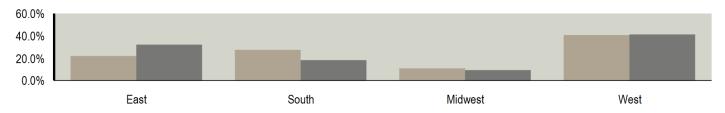
Strategy Breakdown

			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$3,796.0	Pre-Development	1.0%	San Francisco, CA	11.7%
Fund NAV (\$MM)	\$1,848.0	Development	17.8%	Chicago, IL	10.1%
Cash (% of NAV)	0.9%	Initial Leasing	9.0%	San Diego, CA	9.6%
# of Investments	58	Operating	64.0%	Jersey City, NJ	7.9%
% in Top 10 by NAV	45.6%	Re-Development	8.0%	Dallas, TX	6.9%
Leverage %	44.2%	Other	0.3%		
Occupancy	87.6%				
# of MSAs	27	Queue In:		Queue Out:	
1-Year Dividend Yield	6.4%	Contribution Queue (\$MM)	\$0.00	Redemption Queue (\$MM)	\$0.00
As of Date	June, 30, 2018	Anticipated Drawdown (Months)	0	Anticipated Payout (Months)	0

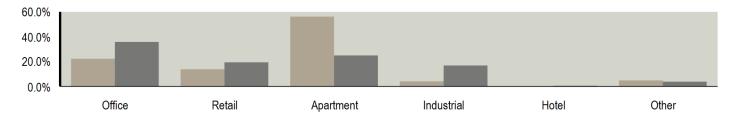
Top Ten Holdings Investment Detail

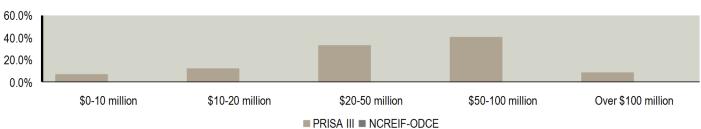
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#	Property	Type Location	% of Fund NAV
1	255 California	Office San Francisco, CA	8.3%
2	Coronado Bay Club	Apartment Coronado, CA	5.0%
3	2305 Mission College Blvd	Office Santa Clara, CA	4.7%
4	Terraces at Copley Point	Office San Diego, CA	4.5%
5	Arkadia Tower	Apartment Chicago, IL	4.3%
6	Marbella South	Apartment Jersey City, NJ	4.2%
7	CityPlace- Retail	Retail Doral, FL	3.8%
8	Marbella Tower	Apartment Jersey City, NJ	3.7%
9	Broadstone Trino	Apartment Santa Monica, CA	3.6%
10	Alexan Union Market	Apartment Washington, DC	3.5%
Total			45.6%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)





Principal Enhanced Characteristics

As of June 30, 2018 Market Value: \$47.0 Million and 2.1% of Fund

Characteristics

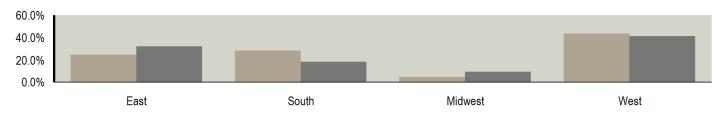
Strategy Breakdown

			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$2,690.6	Pre-Development	0.3%	Seattle, WA	13.0%
Fund NAV (\$MM)	\$1,558.4	Development	8.4%	Houston, TX	12.9%
Cash (% of NAV)	0.9%	Initial Leasing	9.4%	Denver, CO	9.2%
# of Investments	45	Operating	81.9%	Oakland, CA	8.0%
% in Top 10 by NAV		Re-Development		Phoenix, AZ	8.0%
Leverage %	36.2%	Other			
Occupancy	93.2%				
# of MSAs	22	Queue In:		Queue Out:	
1-Year Dividend Yield	6.3%	Contribution Queue (\$MM)	\$265.77	Redemption Queue (\$MM)	\$18.67
As of Date	June, 30, 2018	Anticipated Drawdown (Months)	9	Anticipated Payout (Months)	3

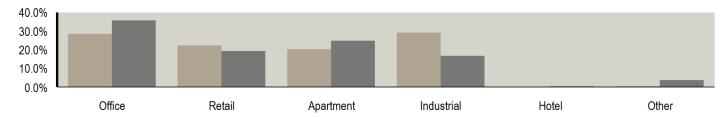
Top Ten Holdings Investment Detail

#	Property	Type	Location	% of Fund NAV
1	Mid-South Logistics Center	Industrial	Nashville, TN	5.5%
2	Cerritos Towne Center	Office	Los Angeles, CA	5.3%
3	Bay Area Business Park (Phase I)	Industrial	Houston, TX	5.3%
4	Piedmont Office	Office	Charlotte, NC	4.4%
5	Shops at Gainey Village	Retail	Phoenix, AZ	4.2%
6	Bay Center	Office	Oakland, CA	4.1%
7	Bay Area Business Park (Phase II)	Industrial	Houston, TX	3.7%
8	San Leandro Business Center 3	Other	Oakland, CA	3.5%
9	Baybrook Square	Retail	Houston, TX	3.2%
10	The Courts at Spring Mill Station	Apartment	Philadelphia, PA	3.1%
Total				42.3%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)





■ Principal Enhanced Property Fund, L.P ■ NCREIF-ODCE

Alinda Characteristics

As of December 31, 2017 Market Value: \$33.6 Million and 1.5% 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

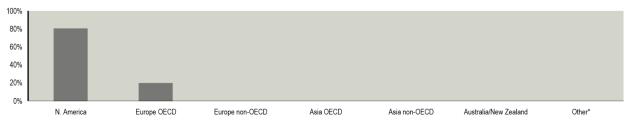
	# of Cos.	Current or Realized MV (\$M)	% of Portfolio
Assets in Portfolio	7	\$2,783.40	100.0%
Active Assets in Portfolio	7	\$2,783.40	100.0%
Assets Realized	4	-\$5.30	0.0%
Assets Written Off	0	\$0.00	0.0%
Assets Written Down	2	-\$129.51	0.0%
Assets Written Up	5	\$1,032.24	0.0%

Active Assets

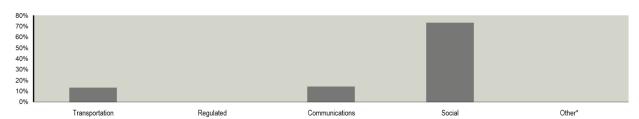
			Investment	Distributions	Fair Mkt	
Holding	Sector	Location	(\$M)	(\$M)	Val (\$M)	% of Portfolio
Binnenlandse Container Terminals Nederland b.	Transportaion	Netherlands	\$103.7	\$50.6	\$151.0	5.4%
Regency Gas Pipeline System	Regulated	Louisiana	\$159.8	\$717.0	\$45.0	1.6%
BCTN Currency Options	Not Applicable	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 March 31, 2018

Characteristics

Market Value: \$58.7 Million and 2.6% 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)	\$1,580.11
Total Fund NAV (\$M)	\$1,571.49

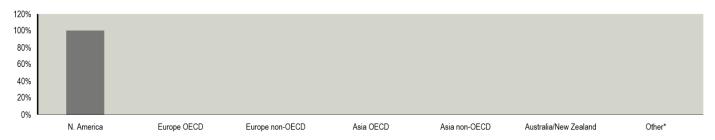
	# of Cos.	Current or Realized MV (\$M)	% of Portfolio
Assets in Portfolio	6	\$1,560.30	99.4%
Active Assets in Portfolio	5	\$1,560.30	99.4%
Assets Realized	1	\$965.62	61.5%
Assets Written Off	0	\$0.00	0.0%
Assets Written Down	2	\$271.30	17.3%
Assets Written Up	3	\$1,289.00	82.2%

Active Assets

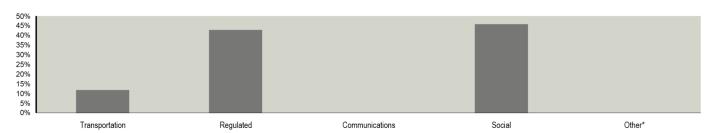
			Investment	Distributions	Fair Mkt	
Holding	Sector	Location	(\$M)	(\$M)	Val (\$M)	% of Portfolio
Puget	Regulated	USA - WA	\$342.4	\$136.5	\$665.8	42.7%
WCA Waste Corporation	Other	USA - Texas	\$275.4	\$4.7	\$441.1	28.3%
Elizabeth River Tunnels	Transportation	USA - VA	\$75.6	\$3.0	\$182.1	11.7%
Leaf River Energy Center	Other	USA - MS	\$238.5	\$0.0	\$180.7	11.6%
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 \$1,163.8 \$1,560.3 100.09

Country Breakdown of Active Assets



Sector Breakdown of Active Assets



Total Fund Annual Cash Flow Summary (\$M)

	2012	2013	2014	2015	2016	2017	2018
Paid-In Capital	-\$377	-\$43	\$0	\$0	-\$75	\$ 0	\$0
Return of Capital	0	889	20	0	0	40	0
Income + Gains	275	161	-51	110	107	258	7
Fees	-24	-22	-17	-16	-16	-16	-8
Yearly Total	-401	824	3	-16	-91	24	-8
Cumulative Total	-\$1 56Q	-\$745	-\$742	-\$758	-\$249	-\$825	-\$833

Securities Lending Income

As of September 30, 2018

2018 Securities Lending Revenue

<u>Month</u>	<u>CRS Earnings</u>
January	\$3,360
February	\$4,764
March	\$2,198
April	\$2,728
May	\$5,123
June	\$1,622
July	-\$7,168
August	-\$8,895
September	-\$7,533
October	\$0
November	\$0
December	\$0

Total 2018 YTD Securities Lending Revenue -\$3,801

Historic Securities Lending Revenue

<u>Year</u>	CRS Earnings
2018	-\$3,801
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

Securities lending credit towards Lehman loss: \$1,899,434

Remaining balance from Lehman loss: \$8,528,155

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: \$2,288.0 Million and 100.0% of Fund

Asset Class	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Fixed Income	0.44% \$1,740,399	0.37%
US Equity	0.03% \$181,036	0.21%
Non-US Equity	0.35% \$1,778,220	0.54%
Hedge Funds/Risk Parity	0.38% \$444,239	0.83%
Real Estate	1.03% \$2,425,233	1.01%
Infrastructure	1.25% \$2,254,848	1.30%
Private Equity	0.74% \$1,344,528	1.20%
Total	0.44% \$10,168,503	0.69%

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: \$2,288.0 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% \$886,873	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% \$447,999	0.28%
High Yield Fixed Income	Shenkman - Four Points	0.55% on the balance	0.55% \$405,528	0.72%
Large-Cap Value Large-Cap Growth Mid-Cap Core Small-Cap Value Int'l Developed Large Cap Core	Northern Trust	0.02% on the balance	0.02% \$156,389	0.10%
Mid-Cap Value	Vanguard Mid Cap Value	0.070% on the balance	0.07% \$69,576	0.65%
Non-U.S. Small-Cap Value	DFA	0.71% on the balance	0.71% \$800,911	1.08%
Emerging Markets	DFA Emerging Markets Value	0.37% on the balance	0.37% \$196,349	1.27%
Emerging Markets	DFA Emerging Markets Core	0.53% on the balance	0.53% \$268,599	0.90%
EM Small-Cap	DFA Emerging Markets Small Cap	0.72% on the balance	0.72% \$467,432	1.27%
Multi-Strat. Hedge FoF	Fintan Partners	0.75% on the balance	0.75% \$2,012	1.00%
Risk Parity	AQR Risk Parity	0.38% on the balance	0.38% \$442,227	0.83%
Core Real Estate	J.P. Morgan SPF	1.00% on the balance	1.00% \$745,561	1.01%
Core Real Estate	Morgan Stanley P.P.	0.90% on the balance Incentive Fee: 5%*NAV*(Return-NCREIF)	0.90% \$636,372	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% \$413,142	1.01%
Value-Added Real Estate	Principal Enhanced	1.20% on the balance 15% performance fee on returns > 11%	1.20% \$564,323	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% \$65,835	1.01%



Total Fund Composite

Fee Schedule

Market Value: \$2,288.0 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)	2.90% \$975,000	3.87%
Core Infrastructure	Macquarie Fund II	1.50% on committed assets (20% incentive over 8% preferred return)	1.66% \$975,000	2.22%
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% \$304,848	1.41%
Venture Private Equity	Blue Chip Fund IV	\$100,000 annual fee for administrative expenses Plus 20% of profits after all capital returned	5.49% \$100,000	1.25%
Divers. Private Equity	Fort Washington Fund V	0.40% on committed assets (5% incentive over 8% return)	0.85% \$160,000	2.65%
Divers. Private Equity	Fort Washington Fund VI	0.40% on committed assets (5% incentive over 8% return)	0.73% \$120,000	2.28%
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	0.26% \$100,000	1.62%
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	0.33% \$45,000	4.60%
Secondary Private Equity FoF	Fort Washington Opp Fund III	0.75% on committed assets (15% incentive over 8% preferred return)	0.79% \$225,000	1.32%
LBO Private Equity	North Sky Fund III - LBO	0.45% on committed assets (5% incentive over 8% return)	1.40% \$135,000	3.89%
Venture Private Equity	North Sky Fund III - VC	0.45% on committed assets (5% incentive over 8% return)	1.56% \$45,000	4.33%
LBO Private Equity	North Sky Fund IV - LBO	0.45% on committed assets (5% incentive over 8% return)	0.68% \$67,500	1.90%
Venture Private Equity	North Sky Fund IV - VC	0.45% on committed assets (5% incentive over 8% return)	1.58% \$67,500	4.39%
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	0.87% \$260,000	1.67%
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% \$12,608	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% \$6,920	1.25%
Total Investment Management Fees			0.44%	0.69%
			\$10,168,503	