



Cincinnati Retirement System

City of Cincinnati Retirement System Executive Summary

March 31, 2019

Manager Status

Market Value: \$2,200.1 Million and 100.0% of Fund

Investment Manager	Asset Class	Status	Reason
BlackRock Strategic Income Opps	Unconstrained Fixed Income	In Compliance	
Loomis Sayles Core-Plus	Core Plus Fixed Income	In Compliance	
Shenkman - Four Points	High Yield Fixed Income	In Compliance	
Northern Trust	US & Non-US Equity Indexes	In Compliance	
Vanguard Mid Cap Value	Mid-Cap Value	In Compliance	
DFA International Small Value	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: \$2,200.1 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Total Fund Composite		2,200,120,238	-35,278,174	100.0	100.0	0
Fixed Income Composite		382,439,627	-106,407	17.4	17.0	8,419,186
Loomis Sayles Core-Plus	Core Plus Fixed Income	155,654,559	-106,407	7.1	7.0	1,646,142
BlackRock Strategic Income Opps	Unconstrained Fixed Income	153,124,385	0	7.0	7.0	-884,032
Shenkman - Four Points	High Yield Fixed Income	73,660,683	0	3.3	3.0	7,657,076
U.S. Equity Composite		623,660,649	-1,528,407	28.3	27.5	18,627,583
NTGI Russell 1000 Value	Large-Cap Value	155,662,712	-6,952	7.1	7.0	1,654,295
NTGI Russell 1000 Growth	Large-Cap Growth	117,180,675	-5,047	5.3	5.0	7,174,663
NTGI S&P 400	Mid-Cap Core	91,707,549	-4,005	4.2	4.0	3,702,739
Vanguard Mid Cap Value	Mid-Cap Value	96,088,789	0	4.4	4.0	8,083,979
NTGI Russell 2000 Value	Small-Cap Value	158,953,744	-7,096	7.2	7.5	-6,055,274
Clifton Group	Cash Overlay	4,067,181	-1,505,308	0.2		
Non-U.S. Equity Composite		489,606,283	-9,838	22.3	23.0	-16,421,372
NTGI MSCI EAFE	Non-U.S. Large-Cap Core	216,383,994	-9,838	9.8	10.0	-3,628,029
DFA International Small Value	Non-U.S. Small-Cap Value	100,609,081	0	4.6	5.0	-9,396,930
DFA Emerging Markets Value	Emerging Markets	52,787,517	0	2.4	2.5	-2,215,489
DFA Emerging Markets Core	Emerging Markets	51,522,423	0	2.3	2.5	-3,480,583
DFA Emerging Markets Small Cap	EM Small-Cap	66,612,827	0	3.0	3.0	609,220
Risk Parity Composite		111,563,842	-8,000,000	5.1	5.0	1,557,830
AQR Risk Parity	Risk Parity	111,563,842	-8,000,000	5.1	5.0	1,557,830
Real Estate Composite		239,142,939	-1,968,231	10.9	10.0	19,130,915
J.P. Morgan SPF	Core Real Estate	75,883,190	-186,348	3.4	2.5	20,880,184
Morgan Stanley P.P.	Core Real Estate	71,602,823	-915,940	3.3	2.5	16,599,817
PRISA III	Value-Added Real Estate	38,635,549	-255,135	1.8	2.5	-16,367,457
Principal Enhanced	Value-Added Real Estate	47,568,169	-610,808	2.2	2.5	-7,434,837
Mesirow/Courtland I	Non-U.S. Core Real Estate	5,453,209	0	0.2	0.0	5,453,209
Infrastructure Composite		181,541,674	-273,245	8.3	7.5	16,532,656
Alinda Fund II	Core Infrastructure	29,648,362	-273,245	1.3	2.5	-25,354,644
Macquarie Fund II	Core Infrastructure	60,252,259	0	2.7	2.5	5,249,253
J.P. Morgan Infrastructure	Core Infrastructure	30,893,067	0	1.4	2.5	-24,109,939
IFM Global Infrastructure (U.S)	Global Infrastructure	60,747,986	0	2.8		

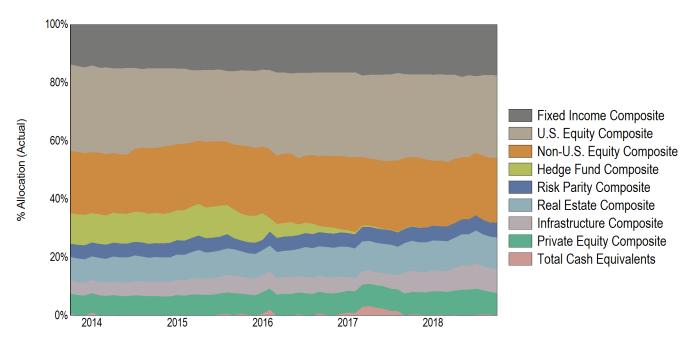
Market Value: \$2,200.1 Million and 100.0% of Fund

	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Private Equity Composite		168,805,007	-18,619,122	7.7	10.0	-51,207,016
Private Equity w/o Blue Chip		167,378,363	-18,619,122	7.6		167,378,363
Fort Washington Fund V	Divers. Private Equity	17,666,462	0	0.8		
Fort Washington Fund VI	Divers. Private Equity	12,746,454	-2,400,000	0.6		
Fort Washington Fund VIII	Divers. Private Equity	36,126,104	-4,250,001	1.6		
Fort Washington Fund IX	Divers. Private Equity	18,523,980	0	0.8		
Fort Washington Opp Fund III	Secondary Private Equity FoF	19,117,119	-11,100,000	0.9		
North Sky Fund III - LBO	LBO Private Equity	9,103,406	0	0.4		
North Sky Fund III - VC	Venture Private Equity	3,108,470	0	0.1		
North Sky Fund IV - LBO	LBO Private Equity	8,353,513	-678,774	0.4		
North Sky Fund IV - VC	Venture Private Equity	3,726,332	0	0.2		
North Sky Fund V	Divers. Private Equity	33,594,201	0	1.5		
Portfolio Advisors IV - Special Sit	Mezz./Special Sit. Private Equity FoF	3,355,295	-86,914	0.2		
Portfolio Advisors V - Special Sit	Mezz./Special Sit. Private Equity FoF	1,957,028	-103,433	0.1		
Blue Chip Fund IV	Venture Private Equity	1,426,644	0	0.1		
Total Cash Equivalents		3,091,901	-4,772,924	0.1	-	3,091,901

Asset Allocation

Market Value: \$2,200.1 Million and 100.0% of Fund

Historic Asset Allocation

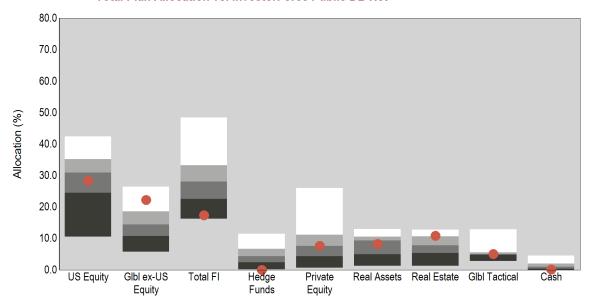


	Current	Policy	Difference	%
Fixed Income Composite	\$382,439,627	\$374,020,440	\$8,419,186	0.4%
U.S. Equity Composite	\$623,660,649	\$605,033,065	\$18,627,583	0.8%
Non-U.S. Equity Composite	\$489,606,283	\$506,027,655	-\$16,421,372	-0.7%
Hedge Fund Composite	\$268,316	\$0	\$268,316	0.0%
Risk Parity Composite	\$111,563,842	\$110,006,012	\$1,557,830	0.1%
Real Estate Composite	\$239,142,939	\$220,012,024	\$19,130,915	0.9%
Infrastructure Composite	\$181,541,674	\$165,009,018	\$16,532,656	0.8%
Private Equity Composite	\$168,805,007	\$220,012,024	-\$51,207,016	-2.3%
Total Cash Equivalents	\$3,091,901			-
Total	\$2,200,120,238			

Asset Allocation

Market Value: \$2,200.1 Million and 100.0% of Fund

Total Plan Allocation vs. InvestorForce Public DB Net



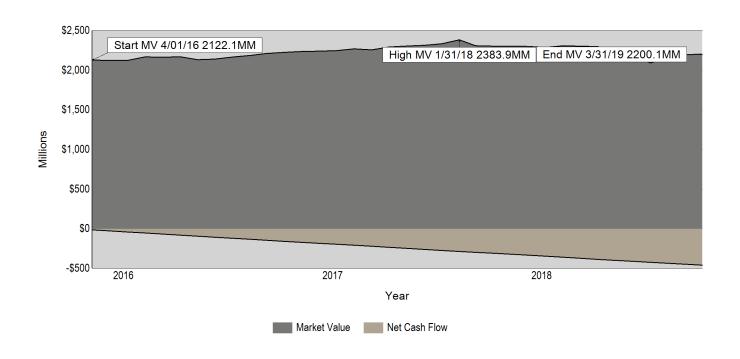
5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

Total Fund Composite

Allocat	ion (Ra	ank)															
42.4		26.4		48.5		11.5		26.0		13.0		12.8		12.9		4.6	
35.2		18.6		33.3		6.7		11.2		10.5		10.6		5.6		2.0	
30.9		14.5		28.1		4.4		7.6		9.3		7.8		5.0		1.0	
24.5		10.8		22.6		2.4		4.4		4.9		5.4		4.9		0.4	
10.5		5.8		16.3		0.2		0.7		1.3		1.3		2.8		0.0	
88		121		137		25		56		29		92		30		132	
28.3	(62)	22.3	(13)	17.4	(93)	0.0	(99)	7.7	(50)	8.3	(59)	10.9	(23)	5.1	(40)	0.1	(88)

Market Value History

Market Value: \$2,200.1 Million and 100.0% of Fund



Summary of Cash Flows

	First Quarter	Year-To-Date	One Year	Three Years
Beginning Market Value	\$2,091,502,701.67	\$2,091,502,701.67	\$2,304,112,258.47	\$2,122,085,958.51
Net Cash Flow	-\$34,616,051.97	-\$34,616,051.97	-\$147,052,887.20	-\$445,544,017.41
Net Investment Change	\$143,233,588.46	\$143,233,588.46	\$43,060,866.89	\$523,578,297.06
Ending Market Value	\$2,200,120,238.16	\$2,200,120,238.16	\$2,200,120,238.16	\$2,200,120,238.16

Total Fund Composite Attribution

Market Value: \$2,200.1 Million and 100.0% of Fund

Attribution Summary 5 Years Ending March 31, 2019

	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects
Fixed Income Composite	3.46%	2.74%	0.72%	0.12%	0.00%	0.01%	0.13%
U.S. Equity Composite	8.47%	10.35%	-1.89%	-0.47%	-0.01%	-0.03%	-0.51%
Non-U.S. Equity Composite	3.04%	2.57%	0.47%	0.10%	0.01%	-0.01%	0.10%
Hedge Fund Composite	-0.07%	2.15%	-2.22%	0.05%	-0.08%	-0.10%	-0.13%
Risk Parity Composite	3.29%	7.40%	-4.11%	-0.21%	0.00%	0.00%	-0.21%
Real Estate Composite	11.32%	9.18%	2.14%	0.19%	0.03%	0.00%	0.22%
Infrastructure Composite	5.79%	4.79%	1.00%	0.01%	0.05%	0.03%	0.10%
Private Equity Composite	10.09%	10.99%	-0.89%	-0.06%	-0.07%	0.00%	-0.13%
Total Cash Equivalents	1.65%	0.76%	0.89%				
Total	6.07%	6.54%	-0.47%	-0.25%	-0.07%	-0.11%	-0.42%

Calendar Years

	YTD	2018	2017	2016	2015	Quarter	1 Yr	3 Yrs
Wtd. Actual Return	6.9%	-4.3%	15.1%	9.1%	0.3%	6.9%	2.1%	8.3%
Wtd. Index Return *	7.4%	-2.6%	16.0%	7.2%	0.8%	7.4%	4.7%	8.9%
Excess Return	-0.5%	-1.7%	-0.9%	2.0%	-0.6%	-0.5%	-2.6%	-0.6%
Selection Effect	-0.3%	-1.5%	-0.7%	2.5%	-0.6%	-0.3%	-2.3%	-0.2%
Allocation Effect	-0.1%	-0.1%	0.2%	-0.2%	-0.1%	-0.1%	-0.2%	-0.1%
Interaction Effect	0.0%	-0.1%	-0.2%	-0.3%	0.1%	0.0%	-0.1%	-0.2%

^{*}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: \$2,200.1 Million and 100.0% of Fund

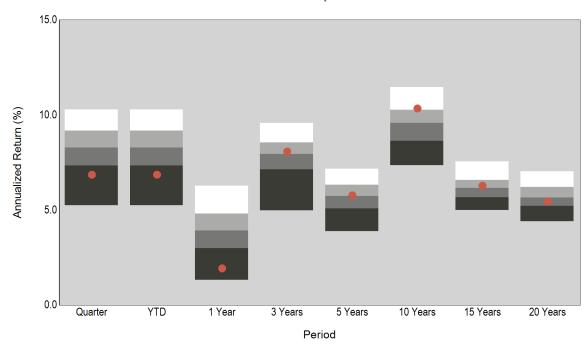
	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	15 Yrs	20 Yrs
Total Fund Composite	6.9%	6.9%	1.9%	6.0%	8.1%	5.6%	5.8%	7.5%	10.3%	6.3%	5.5%
Target Benchmark	7.3%	7.3%	3.2%	6.9%	8.6%	6.1%	6.2%	7.7%	10.3%	6.4%	5.7%
InvestorForce Public DB Net Rank	92	92	93	84	51	52	50	32	18	37	70
Fixed Income Composite	3.7%	3.7%	3.0%	3.4%	4.7%	2.9%	3.4%	3.7%	6.1%	4.9%	5.5%
BBgBarc US Aggregate TR	2.9%	2.9%	4.5%	2.8%	2.0%	2.0%	2.7%	2.5%	3.8%	3.9%	4.7%
InvestorForce Public DB Total Fix Inc Net Rank	18	18	78	14	2	16	7	10	19	17	17
U.S. Equity Composite	13.5%	13.5%	4.5%	8.1%	12.0%	7.8%	8.3%	11.3%	15.2%	8.3%	6.2%
Russell 3000	14.0%	14.0%	8.8%	11.3%	13.5%	9.9%	10.4%	12.6%	16.0%	8.7%	6.5%
InvestorForce Public DB US Eq Net Rank	80	80	95	97	80	89	86	71	62	69	80
Non-U.S. Equity Composite	9.1%	9.1%	-8.1%	3.1%	7.0%	3.6%	2.7%	5.1%	9.4%	6.1%	4.3%
MSCI ACWI ex USA	10.3%	10.3%	-4.2%	5.6%	8.1%	3.5%	2.6%	4.7%	8.8%	5.6%	4.6%
InvestorForce Public DB ex-US Eq Net Rank	97	97	88	88	78	60	56	58	54	39	98
Risk Parity Composite	10.0%	10.0%	5.4%	6.1%	7.1%	3.2%	3.3%				
60% Wilshire 5000/40% BarCap Aggregate	9.5%	9.5%	7.3%	8.0%	8.9%	6.8%	7.4%	8.6%	11.2%	7.1%	6.1%
Real Estate Composite	1.0%	1.0%	6.5%	7.3%	7.7%	9.3%	10.1%	10.8%	8.6%		
NFI	1.2%	1.2%	6.6%	6.8%	7.0%	8.4%	9.2%	9.8%	7.7%	7.2%	7.5%
NPI	0.0%	0.0%	4.9%	6.0%	6.4%	7.8%	8.7%	9.3%	8.3%	8.7%	8.8%
InvestorForce All DB Real Estate Priv Net Rank	62	62	64	39	34	15	16	6	19	-	
Infrastructure Composite	0.9%	0.9%	3.6%	3.1%	2.4%	3.9%	5.3%	5.8%	7.7%		
3 Month T-Bill +4%	1.6%	1.6%	6.2%	5.7%	5.3%	5.0%	4.8%	4.6%	4.4%	5.3%	5.8%
Private Equity Composite	0.0%	0.0%	9.6%	12.2%	12.3%	10.4%	9.8%	11.8%	13.0%	8.8%	4.9%
Cambridge Associates All PE	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	13.3%	12.7%
Private Equity w/o Blue Chip	0.0%	0.0%	10.2%	12.8%	13.0%	11.1%	10.7%	12.8%	14.1%	-	



Annualized Performance (Net of Fees)

Market Value: \$2,200.1 Million and 100.0% of Fund

InvestorForce All DB Net Return Comparison



	Return								
5th Percentile	10.3	10.3	6.3	9.6	7.2	11.5	7.6	7.0	
25th Percentile	9.2	9.2	4.8	8.6	6.3	10.3	6.6	6.2	
Median	8.3	8.3	3.9	7.9	5.7	9.6	6.2	5.7	
75th Percentile	7.3	7.3	3.0	7.1	5.1	8.6	5.7	5.2	
95th Percentile	5.2	5.2	1.3	5.0	3.9	7.4	5.0	4.4	
# of Portfolios	722	722	706	678	626	463	334	182	
Total Fund Composite	6.9	6.9	1.9	8.1	5.8	10.3	6.3	5.5	

Calendar Performance (Net of Fees)

Market Value: \$2,200.1 Million and 100.0% of Fund

Calendar Year

	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Total Fund Composite	-4.5%	14.9%	8.9%	-0.1%	6.4%	17.5%	12.0%	1.1%	13.9%	20.7%	-28.1%
Target Benchmark	-4.0%	15.4%	8.9%	0.4%	5.8%	17.2%	12.1%	-1.8%	14.7%	20.8%	-29.3%
InvestorForce Public DB Net Rank	53	45	7	40	26	22	46	38	17	37	80
Fixed Income Composite	-0.6%	5.6%	7.2%	-2.0%	5.6%	0.7%	8.6%	5.6%	9.7%	21.1%	-5.7%
BBgBarc US Aggregate TR	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%
InvestorForce Public DB Total Fix Inc Net Rank	55	44	11	77	17	20	36	67	25	13	67
U.S. Equity Composite	-8.6%	17.8%	16.4%	-3.0%	10.8%	35.4%	15.4%	-0.1%	19.4%	28.1%	-36.6%
Russell 3000	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%	1.0%	16.9%	28.3%	-37.3%
InvestorForce Public DB US Eq Net Rank	92	95	3	88	54	24	58	66	29	65	36
Non-U.S. Equity Composite	-16.2%	27.7%	7.3%	-4.9%	-1.4%	14.5%	18.2%	-10.2%	12.9%	36.1%	-39.1%
MSCI ACWI ex USA	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%	-13.7%	11.2%	41.4%	-45.5%
InvestorForce Public DB ex-US Eq Net Rank	68	59	7	68	13	79	49	6	40	59	20
Risk Parity Composite	-6.1%	11.9%	11.2%	-9.4%	6.5%	-2.9%					
60% Wilshire 5000/40% BarCap Aggregate	-2.9%	13.8%	8.7%	0.7%	9.9%	18.1%	11.5%	4.1%	13.6%	19.6%	-22.2%
Real Estate Composite	7.5%	7.9%	9.3%	14.8%	12.4%	14.8%	11.0%	16.9%	15.9%	-31.9%	-8.3%
NFI	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%
NPI	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%
InvestorForce All DB Real Estate Priv Net Rank	38	20	7	22	31	17	30	14	25	77	24
Infrastructure Composite	4.8%	2.5%	0.4%	11.2%	12.5%	4.2%	5.6%	11.7%	23.9%	2.9%	
3 Month T-Bill +4%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%
Private Equity Composite	13.4%	14.3%	8.1%	8.2%	8.4%	26.5%	8.4%	11.8%	17.5%	17.4%	-10.5%
Cambridge Associates All PE	11.5%	19.2%	9.8%	7.3%	11.2%	20.7%	12.6%	8.0%	19.6%	14.2%	-25.7%
Private Equity w/o Blue Chip	14.2%	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	0.6%	6.9%	6.9%	1.9%	6.0%	8.1%	5.6%	5.8%	7.5%	10.3%	8.9%	May-85
Target Benchmark	0.6%	7.3%	7.3%	3.2%	6.9%	8.6%	6.1%	6.2%	7.7%	10.3%		May-85
InvestorForce Public DB Net Rank	95	92	92	93	84	51	52	50	32	18	4	May-85
Fixed Income Composite	1.1%	3.7%	3.7%	3.0%	3.4%	4.7%	2.9%	3.4%	3.7%	6.1%	5.7%	Nov-95
BBgBarc US Aggregate TR	1.9%	2.9%	2.9%	4.5%	2.8%	2.0%	2.0%	2.7%	2.5%	3.8%	5.0%	Nov-95
InvestorForce Public DB Total Fix Inc Net Rank	79	18	18	78	14	2	16	7	10	19	33	Nov-95
Loomis Sayles Core-Plus	1.7%	3.6%	3.6%	4.0%	3.3%	3.8%					3.4%	Jul-15
BBgBarc US Aggregate TR	1.9%	2.9%	2.9%	4.5%	2.8%	2.0%	2.0%	2.7%	2.5%	3.8%	2.5%	Jul-15
eV US Core Plus Fixed Inc Net Rank	87	50	50	80	45	18					26	Jul-15
BlackRock Strategic Income Opps	0.9%	2.5%	2.5%	1.7%	2.7%	3.8%	2.2%				2.4%	Dec-14
BBgBarc US Aggregate TR	1.9%	2.9%	2.9%	4.5%	2.8%	2.0%	2.0%	2.7%	2.5%	3.8%	2.3%	Dec-14
3 Month T-Bill +4%	0.5%	1.6%	1.6%	6.2%	5.7%	5.3%	5.0%	4.8%	4.6%	4.4%	4.9%	Dec-14
eV US Core Plus Fixed Inc Net Rank	99	99	99	99	85	21	80				81	Dec-14
Shenkman - Four Points	0.2%	6.2%	6.2%	4.1%	4.9%	8.7%	5.0%	4.5%	6.1%		6.4%	Aug-10
BBgBarc US High Yield TR	0.9%	7.3%	7.3%	5.9%	4.9%	8.6%	5.4%	4.7%	6.3%	11.3%	7.1%	Aug-10
eV US High Yield Fixed Inc Net Rank	96	70	70	77	18	15	29	31	32		56	Aug-10

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
U.S. Equity Composite	-0.1%	13.5%	13.5%	4.5%	8.1%	12.0%	7.8%	8.3%	11.3%	15.2%	9.1%	Feb-89
Russell 3000	1.5%	14.0%	14.0%	8.8%	11.3%	13.5%	9.9%	10.4%	12.6%	16.0%	10.3%	Feb-89
InvestorForce Public DB US Eq Net Rank	98	80	80	95	97	80	89	86	71	62	99	Feb-89
NTGI Russell 1000 Value	0.6%	12.0%	12.0%	5.8%	6.4%	10.5%	7.4%	7.8%			8.0%	Dec-13
Russell 1000 Value	0.6%	11.9%	11.9%	5.7%	6.3%	10.5%	7.3%	7.7%	11.1%	14.5%	8.0%	Dec-13
eV US Large Cap Value Equity Net Rank	42	39	39	30	53	44	38	38			36	Dec-13
NTGI Russell 1000 Growth	2.9%	16.1%	16.1%	12.8%	16.9%	16.5%	12.9%	13.5%		-	13.1%	Dec-13
Russell 1000 Growth	2.8%	16.1%	16.1%	12.7%	16.9%	16.5%	12.9%	13.5%	14.3%	17.5%	13.1%	Dec-13
eV US Large Cap Growth Equity Net Rank	30	49	49	40	45	37	26	19			13	Dec-13
NTGI S&P 400	-0.6%	14.5%	14.5%	2.7%	6.8%	11.3%	7.4%	8.4%			8.6%	Dec-13
S&P 400 MidCap	-0.6%	14.5%	14.5%	2.6%	6.7%	11.2%	7.3%	8.3%	11.4%	16.3%	8.5%	Dec-13
eV US Mid Cap Equity Net Rank	72	63	63	62	57	48	47	45			44	Dec-13
Vanguard Mid Cap Value	0.0%	13.8%	13.8%	1.0%							-3.4%	Jan-18
CRSP US Mid Cap Value TR USD	0.0%	13.8%	13.8%	1.1%	5.2%	9.8%	6.6%	7.7%	11.8%	17.0%	-3.4%	Jan-18
Mid-Cap Value MStar MF Rank	27	46	46	46							43	Jan-18
NTGI Russell 2000 Value	-2.9%	12.0%	12.0%	0.4%	2.8%	11.1%	6.1%	5.8%			5.9%	Dec-13
Russell 2000 Value	-2.9%	11.9%	11.9%	0.2%	2.6%	10.9%	5.9%	5.6%	9.6%	14.1%	5.7%	Dec-13
eV US Small Cap Value Equity Net Rank	55	65	65	28	41	21	32	40			41	Dec-13
Clifton Group												

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
Non-U.S. Equity Composite	0.3%	9.1%	9.1%	-8.1%	3.1%	7.0%	3.6%	2.7%	5.1%	9.4%	5.9%	May-93
MSCI ACWI ex USA	0.6%	10.3%	10.3%	-4.2%	5.6%	8.1%	3.5%	2.6%	4.7%	8.8%		<i>May-</i> 93
InvestorForce Public DB ex-US Eq Net Rank	84	97	97	88	88	78	60	56	58	54	99	<i>May-</i> 93
NTGI MSCI EAFE	0.8%	10.0%	10.0%								-4.7%	Jul-18
MSCI EAFE	0.6%	10.0%	10.0%	-3.7%	5.1%	7.3%	3.2%	2.3%	5.6%	9.0%	-4.8%	Jul-18
eV EAFE Large Cap Core Net Rank	51	60	60								37	Jul-18
DFA International Small Value	-1.6%	8.6%	8.6%	-14.7%	-0.5%	5.1%	3.4%	1.4%	6.7%	11.2%	3.1%	Nov-07
MSCI EAFE Small Cap	0.2%	10.7%	10.7%	-9.4%	5.8%	7.5%	6.4%	4.5%	8.2%	12.8%	3.9%	Nov-07
Foreign Small/Mid Value MStar MF Rank	71	48	48	69	75	67	61	54	51	51	67	Nov-07
DFA Emerging Markets Value	0.6%	7.2%	7.2%	-7.7%							-7.7%	Mar-18
MSCI Emerging Markets	0.8%	9.9%	9.9%	-7.4%	7.6%	10.7%	4.5%	3.7%	2.7%	8.9%	-7.4%	Mar-18
Diversified Emerging Mkts MStar MF Rank	79	90	90	33							33	<i>Mar-18</i>
DFA Emerging Markets Core	1.0%	8.6%	8.6%	-9.5%							-9.5%	Mar-18
MSCI Emerging Markets	0.8%	9.9%	9.9%	-7.4%	7.6%	10.7%	4.5%	3.7%	2.7%	8.9%	-7.4%	Mar-18
Diversified Emerging Mkts MStar MF Rank	60	78	78	48							48	<i>Mar-18</i>
DFA Emerging Markets Small Cap	1.0%	8.8%	8.8%	-11.6%	2.8%	8.6%	4.4%				5.0%	Dec-14
MSCI Emerging Markets Small Cap	0.9%	7.8%	7.8%	-12.4%	1.9%	5.9%	1.9%	1.8%	2.6%	10.4%	2.7%	Dec-14
eV Emg Mkts Small Cap Equity Net Rank	72	65	65	50	68	41	36				38	Dec-14
Risk Parity Composite	3.2%	10.0%	10.0%	5.4%	6.1%	7.1%	3.2%	3.3%		-		Jul-12
60% Wilshire 5000/40% BarCap Aggregate	1.6%	9.5%	9.5%	7.3%	8.0%	8.9%	6.8%	7.4%	8.6%	11.2%	9.1%	Jul-12
AQR Risk Parity	3.2%	10.0%	10.0%	5.4%	6.1%	7.1%	3.2%	3.3%				Jul-12
60% Wilshire 5000/40% BarCap Aggregate	1.6%	9.5%	9.5%	7.3%	8.0%	8.9%	6.8%	7.4%	8.6%	11.2%	9.1%	Jul-12

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
Real Estate Composite	0.9%	1.0%	1.0%	6.5%	7.3%	7.7%	9.3%	10.1%	10.8%	8.6%	5.4%	Aug-07
NFI	0.4%	1.2%	1.2%	6.6%	6.8%	7.0%	8.4%	9.2%	9.8%	7.7%	4.5%	Aug-07
NPI	0.0%	0.0%	0.0%	4.9%	6.0%	6.4%	7.8%	8.7%	9.3%	8.3%	6.2%	Aug-07
InvestorForce All DB Real Estate Priv Net Rank	45	62	62	64	39	34	15	16	6	19	18	Aug-07
J.P. Morgan SPF	-0.1%	0.2%	0.2%	5.2%	5.8%	6.3%	7.7%	8.5%	9.7%	8.2%		Jan-08
NFI	0.4%	1.2%	1.2%	6.6%	6.8%	7.0%	8.4%	9.2%	9.8%	7.7%	4.4%	Jan-08
NPI	0.0%	0.0%	0.0%	4.9%	6.0%	6.4%	7.8%	8.7%	9.3%	8.3%	6.0%	Jan-08
InvestorForce All DB Real Estate Pub Net Rank	99	99	99	95	84	69	61	69	50	17		Jan-08
Morgan Stanley P.P.	1.3%	1.3%	1.3%	7.2%	8.0%	8.4%	9.6%	10.6%	11.5%	8.7%	6.0%	Aug-07
NFI	0.4%	1.2%	1.2%	6.6%	6.8%	7.0%	8.4%	9.2%	9.8%	7.7%	4.5%	Aug-07
NPI	0.0%	0.0%	0.0%	4.9%	6.0%	6.4%	7.8%	8.7%	9.3%	8.3%	6.2%	Aug-07
InvestorForce All DB Real Estate Pub Net Rank	36	72	72	51	19	4	6	3	2	11	1	Aug-07
PRISA III	1.8%	1.8%	1.8%	7.8%	8.5%	9.4%	12.0%	14.0%	13.7%	8.6%	3.8%	Dec-07
NFI	0.4%	1.2%	1.2%	6.6%	6.8%	7.0%	8.4%	9.2%	9.8%	7.7%	4.4%	Dec-07
NPI	0.0%	0.0%	0.0%	4.9%	6.0%	6.4%	7.8%	8.7%	9.3%	8.3%	6.0%	Dec-07
InvestorForce All DB Real Estate Pub Net Rank	24	30	30	25	12	1	1	1	1	11	78	Dec-07
Principal Enhanced	1.6%	1.6%	1.6%	8.3%	9.2%	10.3%	12.5%	13.0%	13.5%	8.3%	4.1%	Mar-08
NFI	0.4%	1.2%	1.2%	6.6%	6.8%	7.0%	8.4%	9.2%	9.8%	7.7%	4.4%	Mar-08
NPI	0.0%	0.0%	0.0%	4.9%	6.0%	6.4%	7.8%	8.7%	9.3%	8.3%	6.0%	Mar-08
InvestorForce All DB Real Estate Pub Net Rank	30	50	50	18	6	1	1	1	1	11	68	Mar-08
Mesirow/Courtland I	0.0%	0.0%	0.0%	-6.0%	-2.3%	-1.8%	0.1%	0.5%	2.1%	5.7%		Aug-07
NFI	0.4%	1.2%	1.2%	6.6%	6.8%	7.0%	8.4%	9.2%	9.8%	7.7%	4.5%	Aug-07
NPI	0.0%	0.0%	0.0%	4.9%	6.0%	6.4%	7.8%	8.7%	9.3%	8.3%	6.2%	Aug-07
Infrastructure Composite	0.9%	0.9%	0.9%	3.6%	3.1%	2.4%	3.9%	5.3%	5.8%	7.7%		Aug-08
3 Month T-Bill +4%	0.5%	1.6%	1.6%	6.2%	5.7%	5.3%	5.0%	4.8%	4.6%	4.4%	4.4%	Aug-08
Alinda Fund II	0.0%	0.0%	0.0%	-9.3%	-9.6%	-8.0%	-4.1%	0.2%	1.2%	4.8%		Aug-08
3 Month T-Bill +4%	0.5%	1.6%	1.6%	6.2%	5.7%	5.3%	5.0%	4.8%	4.6%	4.4%	4.4%	Aug-08
Macquarie Fund II	0.0%	0.0%	0.0%	2.7%	5.5%	6.8%	7.2%	5.8%	6.4%	8.1%		Sep-08
3 Month T-Bill +4%	0.5%	1.6%	1.6%	6.2%	5.7%	5.3%	5.0%	4.8%	4.6%	4.4%	4.4%	Sep-08
J.P. Morgan Infrastructure	0.0%	0.0%	0.0%	1.6%							3.9%	Dec-17
CPI +4%	0.9%	2.2%	2.2%	5.9%	6.2%	6.3%	5.9%	5.5%	5.5%	5.9%	6.6%	Dec-17
IFM Global Infrastructure (U.S)	2.9%	2.6%	2.6%	13.2%				-			19.7%	Feb-18
CPI +4%	0.9%	2.2%	2.2%	5.9%	6.2%	6.3%	5.9%	5.5%	5.5%	5.9%	6.0%	Feb-18

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
Private Equity Composite	0.0%	0.0%	0.0%	9.6%	12.2%	12.3%	10.4%	9.8%	11.8%	13.0%	7.7%	Jul-93
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	15.3%	Jul-93
Private Equity w/o Blue Chip	0.0%	0.0%	0.0%	10.2%	12.8%	13.0%	11.1%	10.7%	12.8%	14.1%	-	
Fort Washington Fund V	0.0%	0.0%	0.0%	5.5%	7.5%	7.2%	5.4%	6.2%	9.0%	11.8%		Sep-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.1%	Sep-07
Fort Washington Fund VI	0.0%	0.0%	0.0%	12.7%	14.8%	12.7%	10.8%	12.5%	14.5%	13.1%		Apr-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.1%	Apr-08
Fort Washington Fund VIII	0.0%	0.0%	0.0%	7.8%	11.0%	14.2%	15.0%	13.9%			9.4%	Jan-14
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	11.1%	Jan-14
Fort Washington Fund IX	0.0%	0.0%	0.0%	5.2%	4.3%						23.6%	Sep-16
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	13.2%	Sep-16
Fort Washington Opp Fund III	0.0%	0.0%	0.0%	13.4%	15.8%	21.4%	24.2%				27.2%	Jul-14
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	10.7%	Jul-14
North Sky Fund III - LBO	0.0%	0.0%	0.0%	12.5%	15.2%	17.1%	16.0%	14.8%	15.8%	17.3%	12.2%	May-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.5%	May-07
North Sky Fund III - VC	0.0%	0.0%	0.0%	8.1%	19.8%	15.0%	10.0%	10.5%	12.5%	12.9%	11.2%	May-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.5%	May-07
North Sky Fund IV - LBO	0.0%	0.0%	0.0%	11.5%	15.3%	16.1%	15.7%	15.8%	15.3%	16.4%		Aug-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.8%	Aug-08
North Sky Fund IV - VC	0.0%	0.0%	0.0%	5.9%	14.2%	13.0%	10.8%	6.9%	11.8%	19.0%		May-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.2%	May-08
North Sky Fund V	0.0%	0.0%	0.0%	16.2%	15.8%	13.2%	10.5%				2.1%	Apr-14
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	10.8%	Apr-14
Portfolio Advisors IV - Special Sit	0.0%	0.0%	0.0%	-1.8%	2.4%	2.2%	1.2%	1.0%	4.6%	5.1%		Jun-07
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.3%	Jun-07
Portfolio Advisors V - Special Sit	0.0%	0.0%	0.0%	4.7%	4.8%	5.7%	4.6%	5.3%	7.8%	10.0%		Aug-08
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.8%	Aug-08
Blue Chip Fund IV	0.0%	0.0%	0.0%	-39.8%	-28.1%	-24.9%	-20.7%	-19.5%	-12.7%	-8.1%		Dec-00
Cambridge Associates All PE	0.0%	0.0%	0.0%	8.3%	13.1%	13.2%	11.4%	11.0%	12.2%	13.8%	9.5%	Dec-00

Investment Manager

Calendar Performance (Net of Fees)

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	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Total Fund Composite	-4.5%	14.9%	8.9%	-0.1%	6.4%	17.5%	12.0%	1.1%	13.9%	20.7%	-28.1%
Target Benchmark	-4.0%	15.4%	8.9%	0.4%	5.8%	17.2%	12.1%	-1.8%	14.7%	20.8%	-29.3%
InvestorForce Public DB Net Rank	53	45	7	40	26	22	46	38	17	37	80
Fixed Income Composite	-0.6%	5.6%	7.2%	-2.0%	5.6%	0.7%	8.6%	5.6%	9.7%	21.1%	-5.7%
BBgBarc US Aggregate TR	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%
InvestorForce Public DB Total Fix Inc Net Rank	55	44	11	77	17	20	36	67	25	13	67
Loomis Sayles Core-Plus	-0.4%	5.3%	7.0%			_	_	-	_	_	
BBgBarc US Aggregate TR	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%
eV US Core Plus Fixed Inc Net Rank	39	19	16								
BlackRock Strategic Income Opps	-0.5%	5.0%	3.7%	-0.3%		_			_		
BBgBarc US Aggregate TR	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%	5.2%
3 Month T-Bill +4%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%
eV US Core Plus Fixed Inc Net Rank	41	36	75	62						-	
Shenkman - Four Points	-1.0%	7.5%	16.1%	-4.2%	2.6%	10.7%	11.9%	1.7%	_		
BBgBarc US High Yield TR	-2.1%	7.5%	17.1%	-4.5%	2.5%	7.4%	15.8%	5.0%	15.1%	58.2%	-26.2%
eV US High Yield Fixed Inc Net Rank	28	39	20	66	35	10	91	86			

Investment Manager

Calendar Performance (Net of Fees)

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	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
U.S. Equity Composite	-8.6%	17.8%	16.4%	-3.0%	10.8%	35.4%	15.4%	-0.1%	19.4%	28.1%	-36.6%
Russell 3000	-5.2%	21.1%	12.7%	0.5%	12.6%	33.6%	16.4%	1.0%	16.9%	28.3%	-37.3%
InvestorForce Public DB US Eq Net Rank	92	95	3	88	54	24	58	66	29	65	36
NTGI Russell 1000 Value	-8.2%	13.8%	17.3%	-3.6%	13.5%	-				-	
Russell 1000 Value	-8.3%	13.7%	17.3%	-3.8%	13.5%	32.5%	17.5%	0.4%	15.5%	19.7%	-36.8%
eV US Large Cap Value Equity Net Rank	42	83	19	57	23						
NTGI Russell 1000 Growth	-1.5%	30.1%	7.2%	5.7%	13.1%						
Russell 1000 Growth	-1.5%	30.2%	7.1%	5.7%	13.0%	33.5%	15.3%	2.6%	16.7%	37.2%	-38.4%
eV US Large Cap Growth Equity Net Rank	52	40	19	35	26						
NTGI S&P 400	-11.0%	16.3%	20.8%	-2.1%	9.9%	-				_	
S&P 400 MidCap	-11.1%	16.2%	20.7%	-2.2%	9.8%	33.5%	17.9%	-1.7%	26.6%	37.4%	-36.2%
eV US Mid Cap Equity Net Rank	57	61	14	49	40						
Vanguard Mid Cap Value						-				_	
CRSP US Mid Cap Value TR USD	-12.4%	17.1%	15.3%	-1.8%	14.1%	37.4%	17.9%	-0.4%	24.6%	35.2%	-37.9%
Mid-Cap Value MStar MF Rank											
NTGI Russell 2000 Value	-12.7%	8.1%	31.9%	-7.3%	4.4%	-				_	
Russell 2000 Value	-12.9%	7.8%	31.7%	-7.5%	4.2%	34.5%	18.0%	-5.5%	24.5%	20.6%	-28.9%
eV US Small Cap Value Equity Net Rank	29	67	12	72	56						

Clifton Group

Calendar Performance (Net of Fees)

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	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Non-U.S. Equity Composite	-16.2%	27.7%	7.3%	-4.9%	-1.4%	14.5%	18.2%	-10.2%	12.9%	36.1%	-39.1%
MSCI ACWI ex USA	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%	-13.7%	11.2%	41.4%	-45.5%
InvestorForce Public DB ex-US Eq Net Rank	68	59	7	68	13	79	49	6	40	59	20
NTGI MSCI EAFE				_		-	_			_	
MSCI EAFE	-13.8%	25.0%	1.0%	-0.8%	-4.9%	22.8%	17.3%	-12.1%	7.8%	31.8%	-43.4%
eV EAFE Large Cap Core Net Rank							-			-	
DFA International Small Value	-23.3%	28.0%	8.0%	4.0%	-5.0%	32.4%	22.3%	-17.5%	18.1%	39.5%	-41.7%
MSCI EAFE Small Cap	-17.9%	33.0%	2.2%	9.6%	-4.9%	29.3%	20.0%	-15.9%	22.0%	46.8%	-47.0%
Foreign Small/Mid Value MStar MF Rank	88	65	24	43	41	8	37	62	72	41	17
DFA Emerging Markets Value				_		_	-			-	
MSCI Emerging Markets	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%	-18.4%	18.9%	78.5%	-53.3%
Diversified Emerging Mkts MStar MF Rank											
DFA Emerging Markets Core						-					
MSCI Emerging Markets	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%	-18.4%	18.9%	78.5%	-53.3%
Diversified Emerging Mkts MStar MF Rank										-	
DFA Emerging Markets Small Cap	-17.6%	35.3%	10.9%	-8.7%							
MSCI Emerging Markets Small Cap	-18.6%	33.8%	2.3%	-6.8%	1.0%	1.0%	22.2%	-27.2%	27.2%	113.8%	-58.2%
eV Emg Mkts Small Cap Equity Net Rank	46	55	15	59			-			-	
Risk Parity Composite	-6.1%	11.9%	11.2%	-9.4%	6.5%	-2.9%	-		-		
60% Wilshire 5000/40% BarCap Aggregate	-2.9%	13.8%	8.7%	0.7%	9.9%	18.1%	11.5%	4.1%	13.6%	19.6%	-22.2%
AQR Risk Parity	-6.1%	11.9%	11.2%	-9.4%	6.5%	-2.9%					
60% Wilshire 5000/40% BarCap Aggregate	-2.9%	13.8%	8.7%	0.7%	9.9%	18.1%	11.5%	4.1%	13.6%	19.6%	-22.2%

Calendar Performance (Net of Fees)

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	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Real Estate Composite	7.5%	7.9%	9.3%	14.8%	12.4%	14.8%	11.0%	16.9%	15.9%	-31.9%	-8.3%
NFI .	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%
NPI	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%
InvestorForce All DB Real Estate Priv Net Rank	38	20	7	22	31	17	30	14	25	77	24
J.P. Morgan SPF	7.0%	6.2%	7.3%	14.1%	10.3%	14.8%	10.9%	16.0%	14.2%	-26.5%	
NFI	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%
NPI	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%
InvestorForce All DB Real Estate Pub Net Rank	53	56	45	31	85	10	34	29	53	26	-
Morgan Stanley P.P.	8.0%	8.7%	9.2%	14.6%	14.1%	16.2%	11.7%	16.5%	15.2%	-33.1%	-4.5%
NFI	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%
NPI	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%
InvestorForce All DB Real Estate Pub Net Rank	15	10	11	21	25	5	22	21	46	79	12
PRISA III	7.9%	9.9%	13.2%	22.7%	16.9%	14.9%	13.7%	23.1%	20.8%	-50.1%	-19.6%
NFI	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%
NPI	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%
InvestorForce All DB Real Estate Pub Net Rank	20	9	1	1	14	8	16	1	7	99	92
Principal Enhanced	9.5%	9.3%	13.5%	20.3%	13.8%	18.0%	12.6%	16.7%	12.5%	-43.7%	
NFI	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%
NPI	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%
InvestorForce All DB Real Estate Pub Net Rank	1	10	1	1	27	2	17	21	71	97	
Mesirow/Courtland I	-5.4%	1.7%	1.8%	0.0%	6.9%	7.9%	4.1%	7.3%	15.0%	-10.2%	-31.8%
NFI	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%	-10.7%
NPI	6.7%	7.0%	8.0%	13.3%	11.8%	11.0%	10.5%	14.3%	13.1%	-16.9%	-6.5%
nfrastructure Composite	4.8%	2.5%	0.4%	11.2%	12.5%	4.2%	5.6%	11.7%	23.9%	2.9%	-
3 Month T-Bill +4%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%
Alinda Fund II	-13.0%	-5.3%	-4.4%	13.1%	21.9%	0.2%	0.4%	8.6%	27.9%	8.9%	
3 Month T-Bill +4%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%
Macquarie Fund II	4.5%	10.1%	7.8%	8.2%	0.8%	6.2%	8.6%	14.0%	22.5%	0.4%	
3 Month T-Bill +4%	6.0%	5.0%	4.3%	4.0%	4.0%	4.1%	4.1%	4.0%	4.1%	4.1%	5.4%
J.P. Morgan Infrastructure	4.9%										
CPI +4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%	4.1%
IFM Global Infrastructure (U.S)									-		
CPI +4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%	4.1%

Closed End Funds Statistics

Annualized Performance ¹

Asset Class	Fund Company	Vintage Yr.	Preqin Category	Net IRR	Public Market Equivalent IRR	Median Fund IRR ²	Pregin Rank ³	Perf. as of:
Asset Glass	Tana Company	viiitage 11.	r required to determine	HOL INIT	Equivalent nere	modium ruma max	r requir realix	1 011. 45 01.
Real Estate	Mesirow/Courtland I	2007		1.4%				9/30/2018
Total Real Estate				1.4%				9/30/2018
Infrastructure	Alinda II	2008	2008 Infrastructure	1.6%		7.5%		9/30/2018
Infrastructure	Macquarie II	2008	2008 Infrastructure	7.2%		7.5%		9/30/2018
Total Infrastructure				4.7%				9/30/2018
Private Equity Venture	Blue Chip I	1993	1993 US Venture	13.4%		31.8%	3rd Quartile	12/31/2007
Private Equity Venture	Blue Chip II	1997	1997 US Venture	0.9%		31.9%	4th Quartile	12/31/2013
Private Equity Venture	Blue Chip III	1999	1999 US Venture	-13.1%		-3.7%	4th Quartile	9/30/2013
Private Equity Venture	Blue Chip IV	2000	2000 US Venture	-3.4%		0.3%	3rd Quartile	9/30/2018
Private Equity FoFs Specialized	Fort Washington Fund V	2007	2006 US FoF	10.9%	9.0% ⁶	8.6%	1st Quartile	9/30/2018
Private Equity FoFs Specialized	Fort Washington Fund VI	2008	2007 US FoF	14.9%	11.2% ⁶	10.3%	1st Quartile	9/30/2018
Private Equity FoFs Specialized	Fort Washington Fund VIII	2014	2013 US FoF	15.7%	11.7% ⁶	11.4%	1st Quartile	9/30/2018
Private Equity FoFs Secondary	Fort Washington Opp Fund III	2014	2014 Secondary	25.6%	10.5% ⁶	20.3%	1st Quartile	9/30/2018
Private Equity FoFs Specialized	Fort Washington Fund IX	2016	2016 US FoF	15.7%	15.3% ⁶			9/30/2018
Private Equity Buy-Out	North Sky III - LBO	2007	2006 US FoF	9.5%	9.5% ⁶	8.6%	2nd Quartile	9/30/2018
Private Equity Venture	North Sky III - VC	2007	2006 US FoF	6.3%	9.1% ⁶	8.6%	3rd Quartile	9/30/2018
Private Equity Buy-Out	North Sky IV - LBO	2008	2008 US FoF	9.3%	14.4% ⁶	9.0%	2nd Quartile	9/30/2018
Private Equity Venture	North Sky IV - VC	2008	2008 US FoF	12.6%	13.9% ⁶	9.0%	2nd Quartile	9/30/2018
Private Equity FoFs Diversified	North Sky V	2014	2013 US FoF	12.9%		11.4%	2nd Quartile	9/30/2018
Private Equity FoFs Specialized	Portfolio Advisors IV - Special Sit	2007	2006 All FoF	5.6%	4.9% 7	8.6%	3rd Quartile	9/30/2018
Private Equity FoFs Specialized	Portfolio Advisors V - Special Sit	2008	2007 All FoF	8.9%	9.4% 7	10.3%	3rd Quartile	9/30/2018
Total Private Equity				6.3%				9/30/2018
Total Private Equity Excluding	Blue Chip			10.9%				9/30/2018

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	\$20,695,438	\$5,453,209	1.1	
Total Real Estate		\$30,000,000	\$24,100,863	\$20,695,438	\$5,453,209	1.1	
Infrastructure	Alinda II	\$65,000,000	\$72,915,531	\$56,223,438	\$29,648,362	1.2	1.4
Infrastructure	Macquarie II	\$65,000,000	\$68,180,388	\$46,254,159	\$60,252,259	1.6	1.4
Total Infrastructure		\$130,000,000	\$141,095,919	\$102,477,597	\$89,900,621	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	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	\$1,426,644	1.0 2.0	1.0 1.5
Private Equity FoFs Specialized Private Equity FoFs Specialized	Fort Washington Fund V Fort Washington Fund VI	\$40,000,000 \$30,000,000	\$32,493,882 \$18,143,165	\$46,854,212 \$31,172,881	\$17,666,462 \$12,746,454	2.0	1.5
Private Equity FoFs Specialized	Fort Washington Fund VIII	\$50,000,000	\$32,999,999	\$9,125,000	\$36,126,104	1.4	1.0
Private Equity FoFs Secondary	Fort Washington Opp Fund III	\$30,000,000	\$22,200,000	\$17,100,000	\$19,117,119	1.6	1.4
Private Equity FoFs Specialized	Fort Washington Fund IX	\$50,000,000	\$16,500,000	\$0	\$18,523,980	1.1	1.0
Private Equity Buy-Out	North Sky III - LBO	\$30,000,000	\$21,700,017	\$35,414,489	\$9,103,406	2.1	1.6
Private Equity Venture	North Sky III - VC	\$10,000,000	\$9,183,339	\$14,367,360	\$3,108,470	1.9	1.6
Private Equity Buy-Out	North Sky IV - LBO	\$15,000,000	\$9,075,000	\$11,184,127	\$8,353,513	2.2	1.6
Private Equity Venture	North Sky IV - VC	\$15,000,000	\$12,300,000	\$26,619,556	\$3,726,332	2.5	1.6
Private Equity FoFs Diversified	North Sky V	\$40,000,000	\$26,394,820	\$1,227,804	\$33,594,201	1.3	1.2
Private Equity FoFs Specialized	Portfolio Advisors IV - Special Sit	\$20,000,000	\$16,899,856	\$20,188,440	\$3,355,295	1.5	1.5
Private Equity FoFs Specialized	Portfolio Advisors V - Special Sit	\$10,000,000	\$6,522,936	\$8,819,973	\$1,957,028	1.7	1.6
Total Private Equity		\$394,000,000	\$278,413,014	\$268,412,422	\$168,805,008	1.6	
Total Private Equity Excluding	Blue Chip	\$340,000,000	\$224,413,014	\$222,073,842	\$167,378,364	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

 $^{^{\}rm 5}$ Represents Cash Multiple of median fund in Preqin category

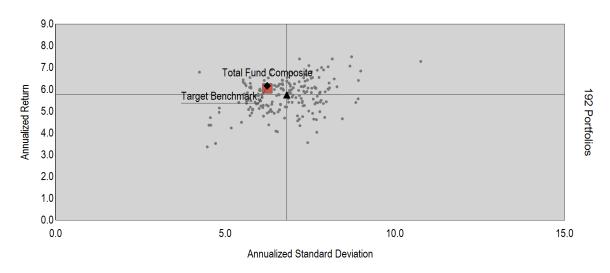
⁶ PME Benchmark is Russell 3000 Index

⁷ PME Benchmark is MSCI World Index

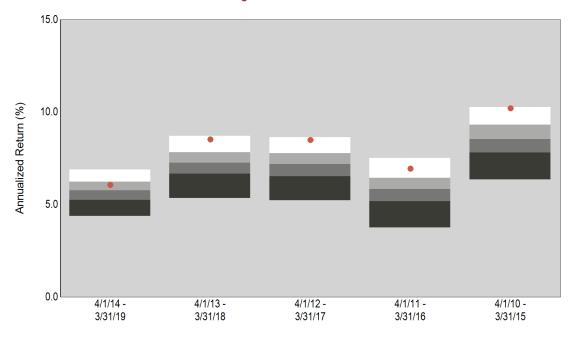
Total Fund vs. Peer Universe

Market Value: \$2,200.1 Million and 100.0% of Fund

Annualized Return vs. Annualized Standard Deviation 5 Years Ending March 31, 2019



Rolling 5 Year Returns



	Return (Ranl	()								
5th Percentile	6.9		8.7		8.6		7.5		10.3	
25th Percentile	6.2		7.8		7.8		6.4		9.3	
Median	5.8		7.3		7.2		5.8		8.5	
75th Percentile	5.2		6.7		6.5		5.2		7.8	
95th Percentile	4.4		5.4		5.2		3.8		6.4	
# of Portfolios	192		232		222		206		188	
Total Fund Composite	6.1	(36)	8.5	(7)	8.5	(8)	6.9	(14)	10.2	(6)

Statistics

Market Value: \$2,200.1 Million and 100.0% of Fund

3 Years Ending March 31, 2019

	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	1.2	6.0%	1.7%	0.5	0.8	-0.9	5.8%	49.8%	52.4%
S&P 500	1.1						10.7%		
Total Fund Composite	1.2	4.7%	2.3%	0.6	0.9	-0.5	5.8%	58.4%	50.6%
MSCI ACWI	0.9						10.0%		
Total Fund Composite	1.2	1.0%	-0.2%	1.0	1.0	-0.3	5.8%	95.9%	95.9%
Target Benchmark	1.3						5.7%		
Fixed Income Composite	1.6	2.5%	3.9%	0.4	0.3	1.1	2.2%	92.8%	-4.6%
BBgBarc US Aggregate TR	0.3						3.0%	-	
Loomis Sayles Core-Plus	0.9	1.4%	2.2%	0.9	0.8	1.4	3.0%	114.1%	56.2%
BBgBarc US Aggregate TR	0.3						3.0%		
BlackRock Strategic Income Opps	1.6	3.0%	3.5%	0.1	0.1	0.6	1.6%	59.8%	-25.8%
BBgBarc US Aggregate TR	0.3						3.0%		
Shenkman - Four Points	1.7	1.8%	1.2%	0.9	0.8	0.1	4.3%	94.8%	76.1%
BBgBarc US High Yield TR	1.6		-			-	4.5%		
U.S. Equity Composite	0.9	4.0%	-2.6%	1.1	0.9	-0.3	12.3%	96.3%	107.0%
S&P 500	1.1						10.7%		
U.S. Equity Composite	0.9	5.9%	0.6%	1.1	0.8	0.2	12.3%	114.6%	107.5%
MSCI ACWI	0.9						10.0%		
U.S. Equity Composite	0.9	3.0%	-2.4%	1.1	0.9	-0.4	12.3%	95.1%	104.5%
Russell 3000	1.1						11.1%		
NTGI Russell 1000 Value	0.9	0.1%	0.1%	1.0	1.0	1.5	10.6%	100.2%	99.6%
Russell 1000 Value	0.9						10.6%		
NTGI Russell 1000 Growth	1.3	0.0%	0.0%	1.0	1.0	0.3	12.2%	99.9%	99.7%
Russell 1000 Growth	1.3				-		12.2%	-	
NTGI S&P 400	0.7	0.0%	0.1%	1.0	1.0	5.6	13.6%	100.3%	99.9%
S&P 400 MidCap	0.7	-					13.6%		
NTGI Russell 2000 Value	0.6	0.1%	0.2%	1.0	1.0	4.1	16.1%	100.7%	99.6%
Russell 2000 Value	0.6			-			16.1%		



Investment Manager Statistics

Market Value: \$2,200.1 Million and 100.0% of Fund

3 Years Ending March 31, 2019

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Mondrian	0.9	7.8%	4.6%	0.5	0.5	0.2	8.3%	78.0%	64.8%
MSCI EAFE	0.6						10.5%		
Harding Loevner	1.5	8.2%	9.9%	0.5	0.4	0.8	8.0%	82.4%	31.0%
MSCI EAFE	0.6						10.5%		
DFA International Small Value	0.3	4.0%	-2.4%	1.0	0.9	-0.6	12.7%	87.5%	102.0%
MSCI EAFE Small Cap	0.5						12.1%		
DFA Emerging Markets Small Cap	0.5	3.1%	2.2%	1.1	1.0	0.8	13.7%	118.7%	101.5%
MSCI Emerging Markets Small Cap	0.4				-	-	12.5%		
Hedge Fund Composite	-0.4	6.1%	-0.7%	0.0	0.0	-0.7	5.2%	-17.8%	-24.3%
HFRI FOF: Diversified Index	0.7						3.4%		
Fintan Partners	-0.3	6.8%	-0.5%	-0.1	0.0	-0.7	5.7%	-21.1%	-31.7%
HFRI Fund of Funds Composite Index	0.8				-		3.5%		
Risk Parity Composite	0.9	5.2%	0.7%	0.7	0.5	-0.3	6.8%	73.2%	72.8%
60% Wilshire 5000/40% BarCap Aggregate	1.1				-		6.7%		
AQR Risk Parity	0.9	5.2%	0.7%	0.7	0.5	-0.3	6.8%	73.2%	72.8%
60% Wilshire 5000/40% BarCap Aggregate	1.1			-	-		6.7%	-	

Market Value: \$2,200.1 Million and 100.0% of Fund

5 Years Ending March 31, 2019

			o rears Enam	ig march o	1, 2013				
	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	0.8	6.0%	0.5%	0.5	0.8	-0.8	6.2%	42.2%	58.7%
S&P 500	0.9						11.2%		
Total Fund Composite	0.8	5.4%	2.6%	0.5	0.9	-0.1	6.2%	51.9%	52.1%
MSCI ACWI	0.5						11.1%		
Total Fund Composite	0.8	1.0%	0.0%	1.0	1.0	-0.1	6.2%	96.2%	96.4%
Target Benchmark	0.9						6.2%		
Fixed Income Composite	1.1	2.7%	2.2%	0.5	0.3	0.3	2.6%	77.9%	33.7%
BBgBarc US Aggregate TR	0.7						2.9%		
Shenkman - Four Points	0.7	1.8%	0.4%	0.9	0.9	-0.1	5.1%	87.5%	85.5%
BBgBarc US High Yield TR	0.7						5.4%		
U.S. Equity Composite	0.6	3.0%	-2.5%	1.1	0.9	-0.6	12.6%	93.6%	106.4%
Russell 3000	0.8						11.5%		
U.S. Equity Composite	0.6	5.8%	2.0%	1.0	0.8	0.3	12.6%	111.2%	96.0%
MSCI ACWI	0.5						11.1%		
U.S. Equity Composite	0.6	4.1%	-3.1%	1.1	0.9	-0.6	12.6%	93.2%	110.0%
S&P 500	0.9						11.2%		
NTGI Russell 1000 Value	0.6	0.1%	0.1%	1.0	1.0	1.7	11.1%	100.4%	99.7%
NTGI Russell 1000 Growth	1.0	5.9%	6.0%	1.0	0.8	1.0	12.3%	124.0%	81.1%
NTGI S&P 400	0.6	5.4%	-0.2%	1.1	0.8	0.1	13.4%	112.2%	105.5%
NTGI Russell 2000 Value	0.3	8.7%	-3.6%	1.2	0.7	-0.2	15.8%	112.3%	120.7%



-0.6

11.9%

49.9%

80.0%

Non-U.S. Equity Composite

0.2

8.4%

-3.1%

8.0

0.5

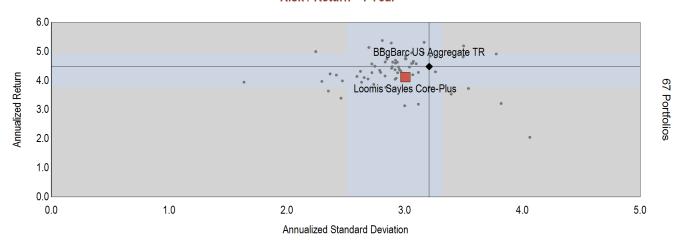
Loomis Sayles Core-Plus

Characteristics

As of March 31, 2019

Market Value: \$155.7 Million and 7.1% of Fund

Risk / Return - 1 Year



	Portfolio	Index
	Q1-19	Q1-19
Yield to Maturity	3.3%	2.9%
Avg. Eff. Maturity	8.7 yrs.	8.1 yrs.
Avg. Duration	6.4 yrs.	5.8 yrs.
Avg. Quality	AA	
Region		Number Of Assets
North America ex U.S.		1

United States
Europe Ex U.K.

United Kingdom
Pacific Basin Ex Japan

Emerging Markets

326

5 2

1

12

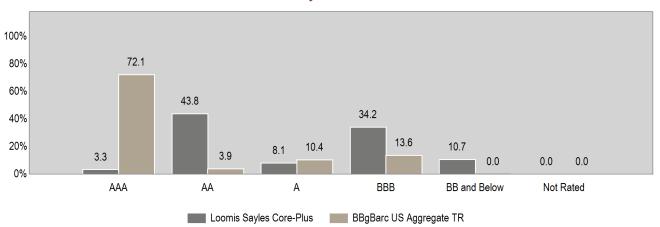
Characteristics

Sector							
	Portfolio	Index					
	Q1-19	Q1-19					
UST/Agency	36.6%	44.8%					
Corporate	28.5%	24.6%					
MBS	36.3%	30.1%					
ABS	0.5%	0.5%					
Foreign	4.2%						
Muni							
Other	-6.1%						

	Q1-19
<1 Year	17.0%
1-3 Years	14.8%
3-5 Years	8.8%
5-7 Years	16.8%
7-10 Years	25.0%
10-15 Years	0.9%
15-20 Years	1.1%
>20 Years	15.4%
Not Rated/Cash	0.0%

Maturity

Quality Distribution



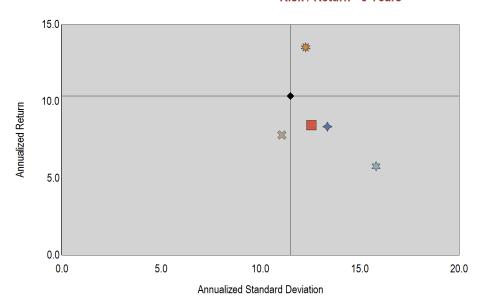
U.S. Equity Composite

Characteristics

Market Value: \$623.7 Million and 28.3% of Fund

As of March 31, 2019

Risk / Return - 5 Years



- U.S. Equity Composite
- * NTGI Russell 1000 Value
- NTGI Russell 1000 Growth
- NTGI S&P 400
- NTGI Russell 2000 Value
- Russell 3000

Characteristics

	Portfolio	Russell 3000
Number of Holdings	2,413	2,977
Weighted Avg. Market Cap. (\$B)	83.5	178.6
Median Market Cap. (\$B)	3.5	1.6
Price To Earnings	18.1	20.2
Price To Book	2.4	3.3
Price To Sales	1.3	1.9
Return on Equity (%)	16.1	21.8
Yield (%)	2.1	1.9
Beta	1.1	1.0
R-Squared	0.9	1.0

Characteristic	cs

onarasionomos	Portfolio	Russell 3000
INDUSTRY SECTOR DISTRIBUTION (% Equity)		
Energy	5.1	5.1
Materials	4.6	3.0
Industrials	10.4	10.1
Consumer Discretionary	10.5	10.4
Consumer Staples	4.8	6.5
Health Care	9.6	14.3
Financials	18.5	13.2
Information Technology	15.6	21.1
Communication Services	5.9	9.0
Utilities	6.1	3.2
Real Estate	7.1	4.0
Unclassified	0.3	0.0

Largest Holdings

turn
6.6
0.9
8.6
1.6
9.0

Top Contributors

	End Weight	Return	Contribution
APPLE	1.3	20.9	0.3
MICROSOFT	1.3	16.6	0.2
AMAZON.COM	1.0	18.6	0.2
FACEBOOK CLASS A	0.6	27.2	0.2
EXXON MOBIL	0.7	19.8	0.1

Bottom Contributors

	End Weight	Return	Contribution
CVS HEALTH	0.1	-17.1	0.0
PG&E	0.1	-25.1	0.0
CENTURYLINK	0.1	-19.3	0.0
ABBVIE	0.2	-11.5	0.0
CIGNA	0.1	-15.3	0.0

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
U.S. Equity Composite	22.1%	22.9%	22.1%	13.1%	19.8%
Russell 3000	5.6%	8.8%	15.8%	27.7%	42.2%
Weight Over/Under	16.6%	14.1%	6.3%	-14.6%	-22.5%

As of March 31, 2019

U.S. Equity Style Map



Common Holdings Matrix

	70	c.s. Equity Composite	W. C.	"' 'S' Russell 1000 Value	W7.0.	" SI Russell 1000 Growth	W7.0.	15/58/P400	200	anguard Mid Cap Value	W7.0.	' 'S' Russell 2000 Value
	#	%	#	%	#	%	#	%	#	%	#	%
U.S. Equity Composite		-	724	100	545	99	400	99	203	100	1,365	98
NTGI Russell 1000 Value	724	52			288	31	181	52	183	91	2	0
NTGI Russell 1000 Growth	545	36	288	29			110	37	63	30	0	0
NTGI S&P 400	400	24	181	5	110	3			10	4	118	26
Vanguard Mid Cap Value	203	20	183	14	63	3	10	5			0	0
NTGI Russell 2000 Value	1,365	28	2	0	0	0	118	19	0	0		

As of March 31, 2019

Correlation Matrix 3 Years

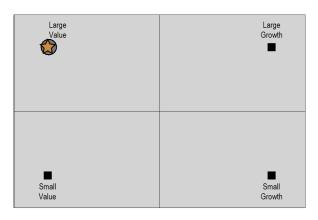
		os Equity Composite	of Russell 1000 Value	Of Russell 1000 Growth NTGI S&D	Opt	NTG/ Russell 2000 Value	Russell 3000	
U.S. Equity Composite	1.			-	-	-		
NTGI Russell 1000 Value	0.	95 1.0						
NTGI Russell 1000 Growth	0.4	88 0.8	2 1.0	0				
NTGI S&P 400	0.	99 0.9	3 0.8	5 1.00				
Vanguard Mid Cap Value	-			-				
NTGI Russell 2000 Value	0.4	93 0.8	37 0.6	7 0.94		1.00		
Russell 3000	0.	97 0.9	5 0.9	5 0.95		0.83	1.00	

NTGI Russell 1000 Value

Characteristics

As of Market Value: \$155.7 Million and 7.1% of Fund

Style Drift - 3 Years



NTGI Russell 1000 Value★ Russell 1000 Value

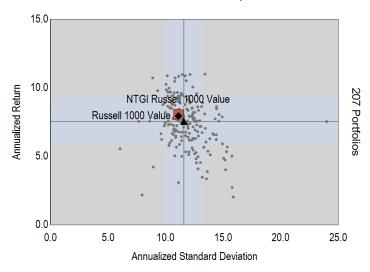
Characteristics

	Portfolio	Russell 1000 Value
Number of Holdings	724	722
Weighted Avg. Market Cap. (\$B)	119.8	119.9
Median Market Cap. (\$B)	8.9	8.9
Price To Earnings	17.3	17.3
Price To Book	2.2	2.2
Price To Sales	1.5	1.5
Return on Equity (%)	14.2	14.2
Yield (%)	2.6	2.6
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	Russell 1000 Value
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	9.7	9.7
Materials	4.0	4.0
Industrials	7.8	7.8
Consumer Discretionary	5.3	5.3
Consumer Staples	7.9	7.9
Health Care	15.2	15.2
Financials	21.7	21.7
Information Technology	9.8	9.8
Communication Services	6.9	6.8
Utilities	6.4	6.5
Real Estate	5.2	5.2
Unclassified	0.1	0.0

Risk / Return - Since Inception



Largest Holdings

	End Weight	Return
EXXON MOBIL	2.6	19.8
BERKSHIRE HATHAWAY 'B'	2.6	-1.6
JP MORGAN CHASE & CO.	2.6	4.6
JOHNSON & JOHNSON	2.4	9.0
PROCTER & GAMBLE	2.0	14.1

Top Contributors

	End Weight	Return	Contribution
EXXON MOBIL	2.6	19.8	0.5
CISCO SYSTEMS	1.9	25.6	0.5
PHILIP MORRIS INTL.	1.1	34.1	0.4
INTEL	1.9	15.1	0.3
PROCTER & GAMBLE	2.0	14.1	0.3

Bottom Contributors

	End Weight	Return	Contribution
CVS HEALTH	0.5	-17.1	-0.1
CIGNA	0.3	-15.3	-0.1
CME GROUP	0.4	-12.1	0.0
BERKSHIRE HATHAWAY 'B'	2.6	-1.6	0.0
KRAFT HEINZ	0.2	-23.2	0.0

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 1000 Value	0.9%	9.2%	20.2%	29.2%	40.5%
Russell 1000 Value	1.1%	9.0%	19.9%	29.4%	40.6%
Weight Over/Under	-0.2%	0.3%	0.2%	-0.2%	0.0%

NTGI Russell 1000 Value

Attribution

As of March 31, 2019 Market Value: \$155.7 Million and 7.1% 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	9.3%	9.4%	0.0%	16.6%	16.6%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%
Materials	4.1%	3.8%	0.3%	9.5%	9.1%	0.3%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Industrials	7.4%	7.4%	0.0%	18.7%	18.7%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%
Consumer Discretionary	5.3%	5.3%	0.0%	13.2%	13.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Consumer Staples	7.9%	7.9%	0.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Health Care	15.8%	15.9%	-0.1%	7.6%	7.6%	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.7%
Financials	22.6%	22.7%	-0.1%	8.0%	8.0%	0.0%	0.0%	0.0%	0.0%	-0.9%	-0.9%
Information Technology	9.4%	9.4%	0.0%	18.5%	18.5%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%
Communication Services	6.7%	6.7%	0.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Utilities	6.4%	6.4%	0.0%	11.5%	11.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Real Estate	5.0%	5.0%	0.0%	16.5%	16.6%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%
Unclassified	0.0%	0.0%	0.0%	1.7%	12.0%	-10.3%	0.0%	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

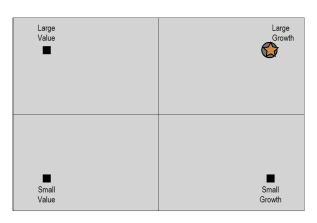
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 229.01	20.1%	20.2%	-0.1%	7.5%	7.5%	0.0%	0.0%	0.0%	0.0%	-0.9%	-0.9%
2) 103.78 - 229.01	20.1%	20.1%	0.0%	13.1%	13.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%
3) 40.52 - 103.78	19.7%	19.7%	-0.1%	10.3%	10.3%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%
4) 14.13 - 40.52	20.0%	20.1%	-0.1%	14.9%	14.9%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%
5) 0.00 - 14.13	20.1%	19.8%	0.3%	14.2%	14.2%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%
Total				12.0%	12.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

NTGI Russell 1000 Growth

Characteristics

As of March 31, 2019 Market Value: \$117.2 Million and 5.3% of Fund

Style Drift - 3 Years



NTGI Russell 1000 GrowthRussell 1000 Growth

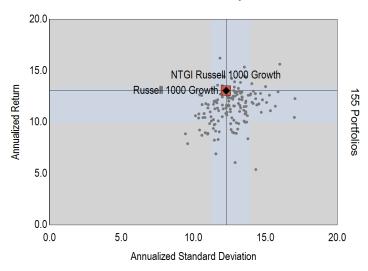
Characteristics

	Portfolio	Russell 1000 Growth
Number of Holdings	547	545
Weighted Avg. Market Cap. (\$B)	262.2	262.3
Median Market Cap. (\$B)	11.7	11.7
Price To Earnings	24.3	24.3
Price To Book	6.9	6.9
Price To Sales	2.8	2.8
Return on Equity (%)	38.9	38.9
Yield (%)	1.3	1.3
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	Russell 1000 Growth
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	0.7	0.7
Materials	1.8	1.8
Industrials	11.7	11.8
Consumer Discretionary	14.9	15.1
Consumer Staples	5.7	5.7
Health Care	13.0	13.1
Financials	4.2	4.3
Information Technology	32.7	33.0
Communication Services	12.0	12.1
Utilities	0.0	0.0
Real Estate	2.4	2.4
Unclassified	0.1	0.0

Risk / Return - Since Inception



Largest Holdings

	End Weight	Return
APPLE	6.7	20.9
MICROSOFT	6.3	16.6
AMAZON.COM	5.5	18.6
FACEBOOK CLASS A	2.9	27.2
ALPHABET 'C'	2.7	13.3

Top Contributors

	Ena weight	Return	Contribution
APPLE	6.7	20.9	1.4
MICROSOFT	6.3	16.6	1.0
AMAZON.COM	5.5	18.6	1.0
FACEBOOK CLASS A	2.9	27.2	0.8
MASTERCARD	1.6	25.0	0.4

Bottom Contributors

	End Weight	Return	Contribution
ABBVIE	0.9	-11.5	-0.1
BIOGEN	0.3	-21.4	-0.1
TESLA	0.3	-15.9	0.0
BRISTOL MYERS SQUIBB	0.3	-7.4	0.0
CIGNA	0.1	-15.3	0.0

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 1000 Growth	0.3%	5.5%	13.9%	30.1%	50.2%
Russell 1000 Growth	0.2%	5.4%	14.0%	30.1%	50.2%
Weight Over/Under	0.0%	0.1%	-0.1%	0.0%	0.0%

Attribution

As of Market Value: \$117.2 Million and 5.3% 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	0.9%	0.8%	0.1%	14.0%	14.4%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Materials	1.4%	1.4%	0.0%	15.8%	15.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Industrials	12.0%	11.9%	0.2%	16.3%	16.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Consumer Discretionary	15.5%	15.2%	0.2%	15.9%	15.4%	0.5%	0.0%	0.1%	0.1%	-0.1%	0.0%
Consumer Staples	5.5%	6.1%	-0.6%	11.3%	10.9%	0.4%	0.0%	0.0%	0.1%	-0.3%	-0.3%
Health Care	13.6%	14.3%	-0.7%	8.3%	7.4%	0.9%	0.1%	0.1%	0.2%	-1.2%	-1.1%
Financials	4.2%	4.4%	-0.2%	13.8%	13.3%	0.5%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Information Technology	32.8%	31.6%	1.2%	21.7%	21.4%	0.4%	0.1%	0.1%	0.2%	1.7%	1.8%
Communication Services	12.1%	12.0%	0.1%	17.1%	16.7%	0.4%	0.0%	0.0%	0.0%	0.1%	0.1%
Utilities	0.0%	0.0%	0.0%					0.0%	0.0%		
Real Estate	2.0%	2.3%	-0.3%	18.9%	18.8%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%
Total				16.7%	16.1%	0.6%	0.1%	0.4%	0.6%	0.0%	0.6%

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	0.1%	0.1%	0.0%	0.0%
Consumer Staples	0.0%	0.0%	-0.1%	0.0%
Health Care	0.1%	0.1%	-0.1%	0.0%
Financials	0.0%	0.0%	0.0%	0.0%
Information Technology	0.4%	0.1%	0.3%	0.0%
Communication Services	0.1%	0.0%	0.0%	0.0%
Utilities	0.0%			
Real Estate	-0.1%	0.0%	-0.1%	0.0%
Cash	0.0%			
Portfolio	0.6%	= 0.4% +	0.1% +	0.0%

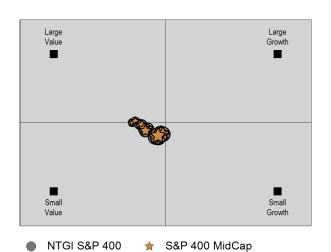
Market Cap Attribution vs. Russell 1000 Growth

	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 734.42	19.8%	18.2%	1.6%	18.9%	18.7%	0.2%	0.0%	0.0%	0.1%	0.5%	0.6%
2) 155.95 - 734.42	20.6%	21.6%	-1.1%	14.0%	13.5%	0.5%	0.0%	0.1%	0.1%	-0.6%	-0.4%
3) 69.68 - 155.95	19.7%	20.0%	-0.4%	15.5%	14.4%	1.1%	0.0%	0.2%	0.2%	-0.3%	-0.1%
4) 23.07 - 69.68	20.1%	20.5%	-0.4%	14.8%	14.4%	0.3%	0.0%	0.1%	0.1%	-0.3%	-0.3%
5) 0.00 - 23.07	19.9%	19.7%	0.2%	20.4%	20.1%	0.3%	0.0%	0.1%	0.1%	0.8%	0.8%
Total				16.7%	16.1%	0.6%	0.1%	0.5%	0.6%	0.0%	0.6%

Market Value: \$91.7 Million and 4.2% of Fund

As of March 31, 2019

Style Drift - 3 Years



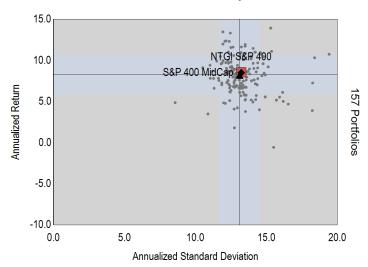
	Portfolio	S&P 400 MidCap
Number of Holdings	402	400
Weighted Avg. Market Cap. (\$B)	5.5	5.5
Median Market Cap. (\$B)	4.1	4.1
Price To Earnings	19.0	19.1
Price To Book	2.5	2.5
Price To Sales	1.2	1.2
Return on Equity (%)	16.8	16.8
Yield (%)	1.7	1.7
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

Characteristics

	Portfolio	S&P 400 MidCap
INDUSTRY SECTOR DISTRIBUTION (% Eq		
Energy	3.8	3.8
Materials	6.8	6.9
Industrials	15.0	15.2
Consumer Discretionary	11.7	11.9
Consumer Staples	2.8	2.8
Health Care	9.6	9.7
Financials	15.8	16.0
Information Technology	16.1	16.3
Communication Services	2.5	2.6
Utilities	4.6	4.6
Real Estate	10.0	10.1
Unclassified	0.2	0.0

Risk / Return - Since Inception



Largest Holdings

	End Weight	Return
IDEX	0.7	20.6
ZEBRA TECHNOLOGIES 'A'	0.7	31.6
STERIS	0.6	20.2
DOMINO'S PIZZA	0.6	4.4
ULTIMATE SOFTWARE GP.	0.6	34.8

Top Contributors

	End Weight	Return	Contribution
VERSUM MATERIALS	0.3	81.9	0.3
UNIVERSAL DISPLAY	0.4	63.5	0.2
ULTIMATE SOFTWARE GP.	0.6	34.8	0.2
FAIR ISAAC	0.5	45.3	0.2
ZEBRA TECHNOLOGIES 'A'	0.7	31.6	0.2

Bottom Contributors

	End Weight	Return	Contribution
GREEN DOT CLASS A	0.2	-23.7	0.0
NU SKIN ENTERPRISES 'A'	0.2	-21.5	0.0
HAEMONETICS	0.3	-12.6	0.0
UNITI GROUP	0.1	-27.8	0.0
ENERSYS	0.2	-15.8	0.0

Market Capitalization

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI S&P 400	14.3%	73.5%	12.2%	0.0%	0.0%
S&P 400 MidCap	14.5%	72.8%	12.5%	0.2%	0.0%
Weight Over/Under	-0.2%	0.7%	-0.3%	-0.2%	0.0%

Market Value: \$91.7 Million and 4.2% of Fund

As of March 31, 2019

Sector Attribution vs S&P 400 MidCap

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	3.7%	3.7%	0.0%	17.6%	20.1%	-2.5%		0.0%	0.0%	0.2%	0.2%
Materials	6.6%	6.6%	0.0%	12.7%	15.1%	-2.4%		0.0%	0.0%	0.0%	0.0%
Industrials	15.4%	15.4%	0.0%	10.5%	15.5%	-5.0%		0.0%	0.0%	0.1%	0.1%
Consumer Discretionary	11.7%	11.7%	0.0%	10.0%	11.1%	-1.1%		0.0%	0.0%	-0.4%	-0.4%
Consumer Staples	3.0%	3.0%	0.0%	5.6%	8.7%	-3.1%		0.0%	0.0%	-0.2%	-0.2%
Health Care	10.0%	10.0%	0.0%	9.7%	14.0%	-4.3%		0.0%	0.0%	-0.1%	-0.1%
Financials	16.4%	16.3%	0.0%	10.0%	11.1%	-1.1%		0.0%	0.0%	-0.6%	-0.6%
Information Technology	15.3%	15.3%	0.0%	10.8%	21.3%	-10.5%		0.0%	0.0%	1.0%	1.0%
Communication Services	2.5%	2.5%	0.0%	10.6%	16.2%	-5.6%		0.0%	0.0%	0.0%	0.0%
Utilities	5.7%	5.7%	0.0%	5.0%	10.2%	-5.2%		0.0%	0.0%	-0.2%	-0.2%
Real Estate	9.7%	9.7%	0.0%	12.9%	14.9%	-1.9%		0.0%	0.0%	0.0%	0.0%
Total				10.5%	14.6%	-4.0%		0.0%	0.0%	0.0%	0.0%

NTGI S&P 400 Performance Attribution vs. S&P 400 MidCap

	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	-0.2% =	0.0% +	-0.2% +	0.0%

Market Cap Attribution vs. S&P 400 MidCap

	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 6.79	19.9%	19.9%	0.0%	7.3%	14.0%	-6.7%	-0.7%	-1.0%	-1.7%	-0.1%	-1.8%
2) 5.08 - 6.79	19.9%	19.9%	0.0%	9.0%	14.9%	-5.9%	0.1%	-0.6%	-0.5%	0.1%	-0.4%
3) 4.03 - 5.08	20.1%	20.1%	0.0%	10.4%	14.2%	-3.8%	0.0%	0.3%	0.3%	-0.1%	0.3%
4) 2.88 - 4.03	20.1%	20.1%	0.0%	11.8%	15.1%	-3.3%	0.1%	0.3%	0.3%	0.1%	0.4%
5) 0.00 - 2.88	20.1%	20.1%	0.0%	14.1%	15.0%	-0.9%	-0.3%	-2.2%	-2.5%	0.1%	-2.4%
Total				10.5%	14.6%	-4.0%	-0.8%	-3.3%	-4.0%	0.0%	-4.0%

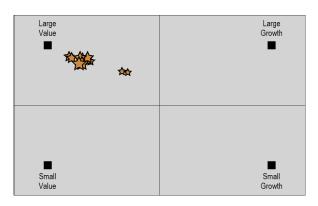


Vanguard Mid Cap Value

Characteristics

As of March 31, 2019 Market Value: \$96.1 Million and 4.4% of Fund

Style Drift - 3 Years



Vanguard Mid Cap ValueCRSP US Mid Cap Value TRUSD

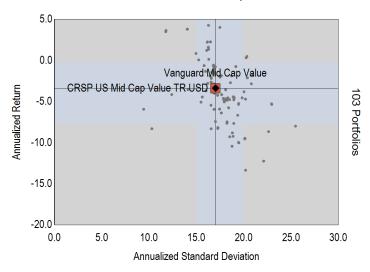
Characteristics

	Portfolio	MidCap Value
Number of Holdings	206	589
Weighted Avg. Market Cap. (\$B)	13.5	14.7
Median Market Cap. (\$B)	11.0	7.2
Price To Earnings	16.5	18.0
Price To Book	2.2	2.1
Price To Sales	1.2	1.4
Return on Equity (%)	15.2	11.4
Yield (%)	2.4	2.4
Beta		1.0
R-Squared		1.0

Characteristics

	Portfolio	Russell MidCap Value
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	3.6	6.1
Materials	8.0	6.0
Industrials	8.1	12.1
Consumer Discretionary	15.3	8.7
Consumer Staples	4.7	5.0
Health Care	5.6	7.0
Financials	18.9	17.1
Information Technology	11.5	8.9
Communication Services	4.7	3.1
Utilities	13.2	11.4
Real Estate	5.1	14.5
Unclassified	0.9	0.1

Risk / Return - Since Inception



Largest Holdings

	End Weight	Return
WEC ENERGY GROUP	1.2	15.1
MOTOROLA SOLUTIONS	1.1	22.6
WILLIS TOWERS WATSON	1.1	16.1
DTE ENERGY	1.1	14.0
EVERSOURCE ENERGY	1.1	9.9

Top Contributors

	End Weight	Return	Contribution
HESS	0.8	49.4	0.4
FIRST DATA CL.A	0.7	55.4	0.4
KEYSIGHT TECHNOLOGIES	0.8	40.5	0.3
SYNOPSYS	0.9	36.7	0.3
BEST BUY	0.8	35.1	0.3

Bottom Contributors

	End Weight	Return	Contribution
PG&E	0.5	-25.1	-0.1
CENTURYLINK	0.6	-19.3	-0.1
MACY'S	0.4	-18.0	-0.1
QURATE RETAIL SERIES A	0.3	-18.1	-0.1
NEWELL BRANDS (XSC)	0.3	-16.3	-0.1

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
Vanguard Mid Cap Value	0.5%	19.0%	80.4%	0.0%	0.0%
Russell MidCap Value	2.5%	27.6%	59.0%	11.0%	0.0%
Weight Over/Under	-2.0%	-8.6%	21.5%	-11.0%	0.0%

Attribution

As of March 31, 2019 Market Value: \$96.1 Million and 4.4% 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	3.6%	5.7%	-2.1%	16.6%	21.5%	-4.8%	-2.0%	-0.6%	-2.6%	0.4%	-2.2%
Materials	8.4%	6.2%	2.2%	9.3%	11.4%	-2.1%	0.0%	-0.9%	-1.0%	-0.2%	-1.1%
Industrials	8.2%	11.9%	-3.7%	11.3%	16.0%	-4.7%	-0.4%	0.1%	-0.3%	0.2%	-0.1%
Consumer Discretionary	15.7%	8.8%	6.9%	11.4%	13.5%	-2.0%	0.7%	0.6%	1.3%	-0.1%	1.2%
Consumer Staples	4.9%	5.2%	-0.3%	6.6%	9.9%	-3.3%	0.2%	0.7%	0.9%	-0.2%	0.6%
Health Care	5.1%	6.8%	-1.7%	9.2%	16.5%	-7.4%	0.1%	-0.3%	-0.2%	0.1%	0.0%
Financials	20.1%	17.5%	2.6%	10.0%	11.7%	-1.6%	0.2%	-2.4%	-2.1%	-0.5%	-2.6%
Information Technology	10.6%	8.4%	2.2%	11.6%	21.1%	-9.5%	0.1%	1.5%	1.5%	0.6%	2.1%
Communication Services	4.9%	3.3%	1.7%	11.6%	6.8%	4.9%	0.0%	0.8%	0.8%	-0.2%	0.5%
Utilities	13.5%	12.0%	1.5%	4.7%	11.5%	-6.8%	-1.1%	0.8%	-0.3%	-0.3%	-0.6%
Real Estate	4.8%	14.2%	-9.4%	11.9%	16.1%	-4.2%	-2.0%	-0.1%	-2.1%	0.2%	-1.9%
Unclassified	0.1%	0.0%	0.1%	-7.5%	14.3%	-21.8%	0.0%	-0.3%	-0.3%	0.0%	-0.3%
Total				9.9%	14.4%	-4.4%	-4.3%	-0.2%	-4.4%	0.0%	-4.4%

Vanguard Mid Cap Value Performance Attribution vs. Russell MidCap Value

	Total	Selection		Allocation	Interaction
	Effects	Effect		Effect	Effects
Energy	-0.4%	0.1%		-0.4%	0.0%
Materials	0.3%	0.1%		0.3%	0.0%
Industrials	-0.9%	-0.4%		-0.6%	0.1%
Consumer Discretionary	0.9%	0.0%		0.9%	0.0%
Consumer Staples	0.3%	0.3%		0.0%	0.0%
Health Care	-0.4%	-0.2%		-0.3%	0.0%
Financials	0.2%	-0.1%		0.3%	0.0%
Information Technology	0.6%	0.2%		0.4%	0.0%
Communication Services	0.1%	0.0%		0.1%	0.0%
Utilities	0.2%	0.0%		0.2%	0.0%
Real Estate	-1.5%	0.0%		-1.5%	0.0%
Cash	0.0%				-
Portfolio	-0.6%	= -0.1%	+	-0.6%	+ 0.2%

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 20.09	6.4%	20.0%	-13.6%	8.6%	15.6%	-7.0%	1.5%	-0.6%	0.9%	0.3%	1.2%
2) 13.83 - 20.09	25.0%	19.9%	5.2%	6.7%	13.6%	-6.9%	-0.9%	-6.9%	-7.8%	-0.2%	-8.0%
3) 9.55 - 13.83	36.7%	20.1%	16.6%	11.0%	15.5%	-4.5%	-1.1%	5.8%	4.7%	0.2%	4.9%
4) 5.77 - 9.55	24.8%	20.0%	4.8%	10.4%	11.9%	-1.5%	-0.2%	1.5%	1.2%	-0.5%	0.7%
5) 0.00 - 5.77	7.1%	20.0%	-13.0%	15.3%	15.1%	0.2%	-5.1%	1.6%	-3.5%	0.2%	-3.3%
Total				9.9%	14.3%	-4.4%	-5.7%	1.3%	-4.4%	0.0%	-4.4%

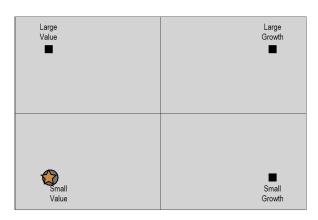
NTGI Russell 2000 Value

Characteristics

Market Value: \$159.0 Million and 7.2% of Fund

As of March 31, 2019

Style Drift - 3 Years



NTGI Russell 2000 Value★ Russell 2000 Value

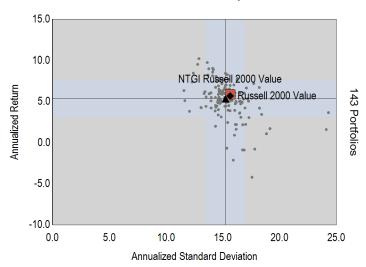
Characteristics

	Portfolio	Russell 2000 Value
Number of Holdings	1,369	1,366
Weighted Avg. Market Cap. (\$B)	2.1	2.1
Median Market Cap. (\$B)	0.7	0.7
Price To Earnings	15.6	15.6
Price To Book	1.6	1.6
Price To Sales	0.9	0.9
Return on Equity (%)	6.1	6.0
Yield (%)	2.2	2.2
Beta	1.0	1.0
R-Squared	1.0	1.0

Characteristics

	Portfolio	Russell 2000 Value
INDUSTRY SECTOR DISTRIBUTION (% Eq	quity)	
Energy	5.6	5.5
Materials	4.2	4.3
Industrials	11.1	11.3
Consumer Discretionary	9.0	9.2
Consumer Staples	2.6	2.6
Health Care	4.2	4.3
Financials	27.8	28.3
Information Technology	11.3	11.5
Communication Services	3.1	3.2
Utilities	7.2	7.3
Real Estate	12.2	12.4
Unclassified	0.1	0.0

Risk / Return - Since Inception



Largest Holdings

Ena weight	Return
0.6	33.8
0.5	10.1
0.5	7.7
0.5	26.1
0.5	13.9
	0.5 0.5 0.5

Top Contributors

	End Weight	Return	Contribution
DIEBOLD NIXDORF	0.1	344.6	0.3
CREE	0.6	33.8	0.2
VERINT SYSTEMS	0.4	41.5	0.2
VIASAT	0.4	31.5	0.1
MGIC INVESTMENT	0.5	26.1	0.1

Bottom Contributors

	End Weight	Return	Contribution
GENWORTH FINANCIAL CL.A	0.2	-17.8	0.0
HELEN OF TROY	0.3	-11.6	0.0
SPIRIT AIRLINES	0.4	-8.7	0.0
PROASSURANCE	0.2	-13.9	0.0
EVOLENT HEALTH CL.A	0.1	-36.9	0.0

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Russell 2000 Value	77.4%	22.6%	0.0%	0.0%	0.0%
Russell 2000 Value	76.8%	23.2%	0.0%	0.0%	0.0%
Weight Over/Under	0.6%	-0.6%	0.0%	0.0%	0.0%

NTGI Russell 2000 Value

Attribution

As of March 31, 2019 Market Value: \$159.0 Million and 7.2% of Fund

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	5.1%	5.1%	0.0%	16.0%	19.6%	-3.6%		0.0%	0.0%	0.4%	0.4%
Materials	4.1%	4.1%	0.0%	18.4%	16.8%	1.5%		0.0%	0.0%	0.2%	0.2%
Industrials	11.8%	11.8%	0.0%	10.3%	10.1%	0.2%		0.0%	0.0%	-0.2%	-0.2%
Consumer Discretionary	9.4%	9.5%	0.0%	8.8%	8.6%	0.2%		0.0%	0.0%	-0.3%	-0.3%
Consumer Staples	2.6%	2.6%	0.0%	8.7%	7.7%	1.1%		0.0%	0.0%	-0.1%	-0.1%
Health Care	4.3%	4.3%	0.0%	13.0%	9.0%	4.0%		0.0%	0.0%	-0.1%	-0.1%
Financials	29.6%	29.7%	-0.1%	8.8%	8.0%	0.8%		0.0%	0.0%	-1.2%	-1.2%
Information Technology	10.7%	10.8%	0.0%	14.0%	19.5%	-5.4%		0.0%	0.0%	0.8%	0.8%
Communication Services	3.1%	3.1%	0.0%	12.1%	14.4%	-2.2%		0.0%	0.0%	0.1%	0.1%
Utilities	7.3%	7.3%	0.0%	4.4%	10.6%	-6.2%		0.0%	0.0%	-0.1%	-0.1%
Real Estate	11.9%	11.7%	0.2%	14.1%	16.8%	-2.8%		0.0%	0.0%	0.6%	0.6%
Total				10.9%	12.0%	-1.1%		0.0%	0.0%	0.0%	0.0%

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	-0.1% =	0.0% +	-0.1% +	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 2.82	19.9%	19.8%	0.0%	10.4%	13.7%	-3.4%	-0.3%	-0.5%	-0.8%	0.4%	-0.4%
2) 1.94 - 2.82	20.2%	20.3%	0.0%	9.8%	11.9%	-2.1%	0.3%	1.8%	2.2%	0.0%	2.2%
3) 1.30 - 1.94	20.0%	20.1%	0.0%	11.6%	12.1%	-0.5%	-0.3%	-2.9%	-3.2%	0.0%	-3.2%
4) 0.73 - 1.30	20.1%	20.0%	0.1%	11.8%	11.7%	0.0%	1.8%	-4.2%	-2.4%	0.0%	-2.4%
5) 0.00 - 0.73	19.8%	19.9%	-0.1%	11.1%	10.4%	0.6%	-0.3%	3.4%	3.1%	-0.3%	2.8%
Total				10.9%	12.0%	-1.1%	1.3%	-2.4%	-1.1%	0.0%	-1.1%

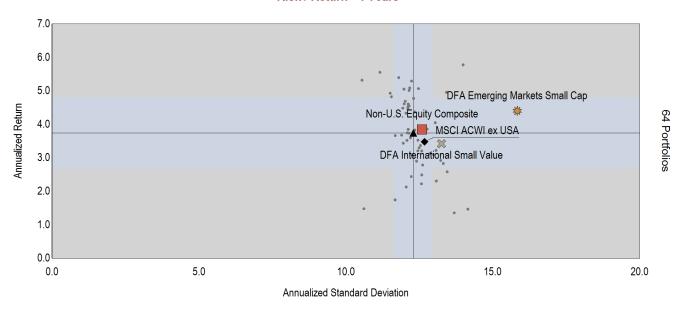
Non-U.S. Equity Composite

Characteristics

As of March 31, 2019

Market Value: \$489.6 Million and 22.3% of Fund

Risk / Return - 4 Years



Characteristics

	Portfolio	MSCI ACWI ex USA
Number of Holdings	8,204	2,145
Weighted Avg. Market Cap. (\$B)	29.4	64.4
Median Market Cap. (\$B)	0.4	7.7
Price To Earnings	13.1	14.6
Price To Book	2.0	2.2
Price To Sales	0.8	1.2
Return on Equity (%)	11.8	15.5
Yield (%)	3.1	3.2
Beta	1.0	1.0
R-Squared	1.0	1.0

Region	% of Total	% of Bench
North America ex U.S.	1.8%	6.8%
United States	0.4%	0.0%
Europe Ex U.K.	26.4%	30.8%
United Kingdom	10.2%	11.5%
Pacific Basin Ex Japan	12.5%	8.5%
Japan	17.1%	16.1%
Emerging Markets	31.1%	25.6%
Other	0.5%	0.6%
Total	100.0%	100.0%

Characteristics

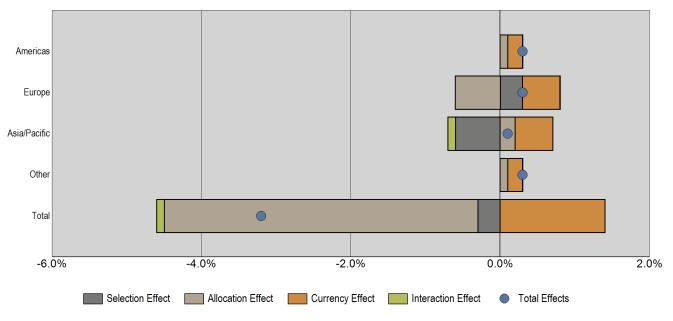
O I I II I I I I I I I I I I I I I I I		
	Portfolio	MSCI ACWI ex USA
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	6.0	7.4
Materials	11.0	7.6
Industrials	16.0	11.7
Consumer Discretionary	11.1	11.1
Consumer Staples	8.4	9.9
Health Care	6.8	8.4
Financials	18.5	21.7
Information Technology	9.0	8.4
Communication Services	4.5	7.0
Utilities	3.5	3.4
Real Estate	4.0	3.4
Unclassified	0.2	0.0

	Small Cap	Mid Cap	Large Cap
Non-U.S. Equity Composite	44.6%	19.0%	36.4%
MSCI ACWI ex USA	5.7%	19.8%	74.5%

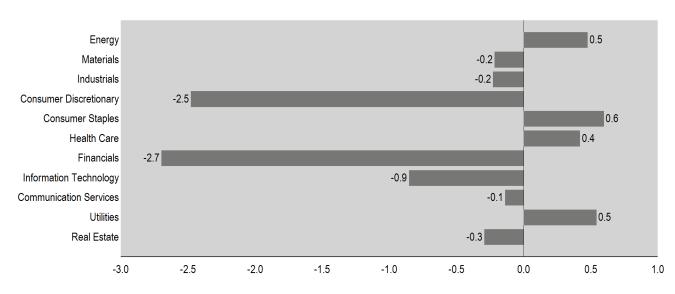
Market Value: \$489.6 Million and 22.3% of Fund

As of March 31, 2019

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



Active Contribution vs. MSCI ACWI ex USA



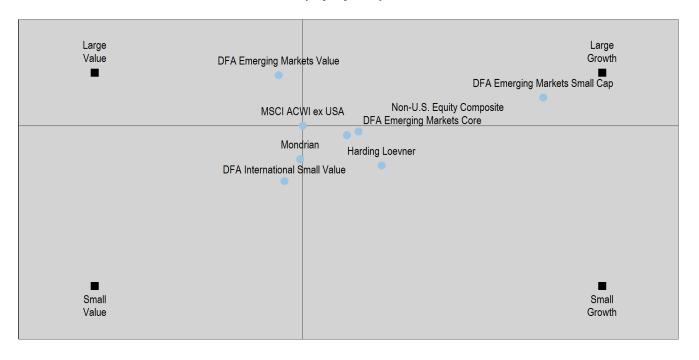
Non-U.S. Equity Composite

Market Cap Attribution vs. MSCI ACWI ex USA

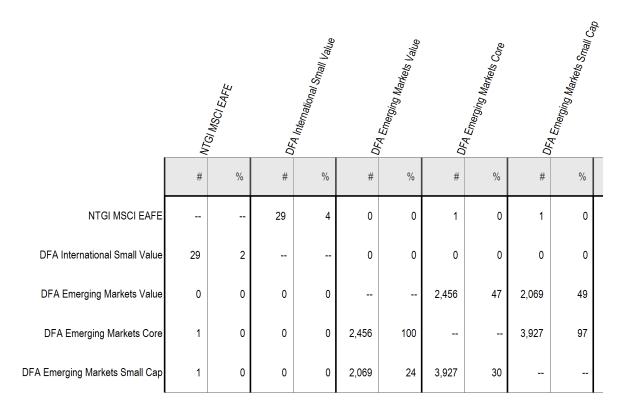
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 87.28	10.0%	19.9%	-9.8%	5.8%	12.6%	-6.9%	0.1%	-1.2%	-1.1%	0.4%	-0.6%
2) 41.31 - 87.28	11.1%	20.1%	-9.0%	6.1%	10.4%	-4.3%	0.3%	-1.5%	-1.2%	0.0%	-1.2%
3) 20.96 - 41.31	11.7%	20.1%	-8.4%	7.1%	9.7%	-2.5%	-0.2%	-0.9%	-1.1%	-0.2%	-1.3%
4) 9.42 - 20.96	12.5%	20.0%	-7.6%	6.8%	10.1%	-3.2%	0.0%	-1.0%	-1.0%	-0.1%	-1.1%
5) 0.00 - 9.42	54.7%	20.0%	34.7%	7.2%	9.5%	-2.2%	0.7%	0.2%	0.9%	-0.2%	0.7%
Total				6.9%	10.4%	-3.5%	0.9%	-4.4%	-3.5%	0.0%	-3.5%

As of March 31, 2019

Equity Style Map

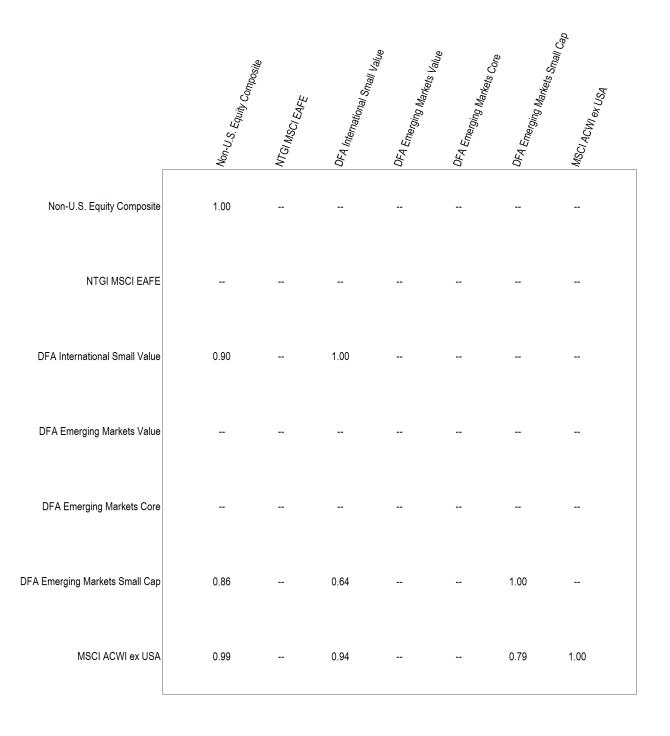


Common Holdings Matrix



As of March 31, 2019

Correlation Matrix 3 Years



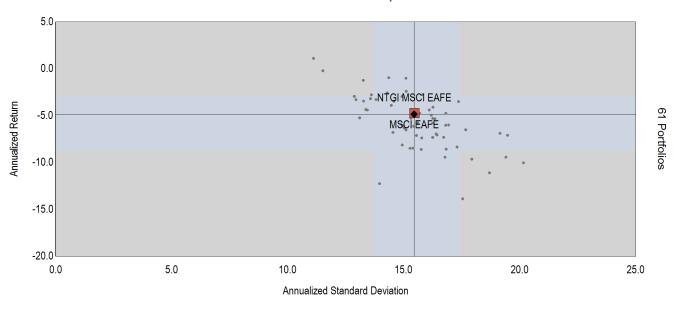
NTGI MSCI EAFE

Characteristics

Market Value: \$216.4 Million and 9.8% of Fund

As of March 31, 2019

Risk / Return - Since Inception



Characteristics

	Portfolio	MSCI EAFE
Number of Holdings	983	920
Weighted Avg. Market Cap. (\$B)	48.0	58.8
Median Market Cap. (\$B)	9.8	10.1
Price To Earnings	15.4	15.1
Price To Book	2.2	2.2
Price To Sales	1.1	1.1
Return on Equity (%)	13.9	14.5
Yield (%)	3.2	3.4
Beta		1.0
R-Squared		1.0

Region	% of Total	% of Bench
North America ex U.S.	0.0%	0.0%
United States	0.7%	0.0%
Europe Ex U.K.	42.8%	45.7%
United Kingdom	15.3%	17.2%
Pacific Basin Ex Japan	13.8%	12.6%
Japan	26.8%	24.0%
Emerging Markets	0.1%	0.0%
Other	0.5%	0.5%
Total	100.0%	100.0%

Characteristics

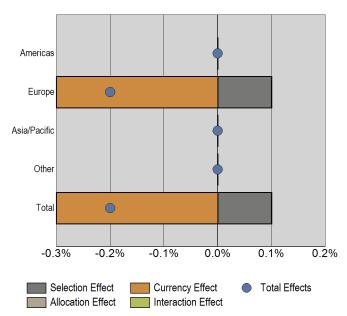
	Portfolio	MSCI EAFE
INDUSTRY SECTOR DISTRIBUTION (%	Equity)	
Energy	4.2	5.8
Materials	7.0	7.4
Industrials	16.2	14.3
Consumer Discretionary	9.8	10.9
Consumer Staples	11.8	11.9
Health Care	11.2	11.3
Financials	18.7	18.9
Information Technology	7.3	6.3
Communication Services	4.8	5.4
Utilities	4.1	3.8
Real Estate	3.2	3.8
Unclassified	0.2	0.0

	Small Cap	Mid Cap	Large Cap
NTGI MSCI EAFE	9.4%	30.7%	59.9%
MSCI EAFE	5.2%	20.5%	74.3%

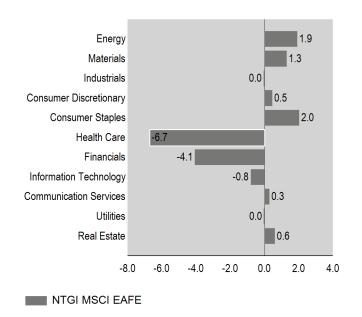
Market Value: \$216.4 Million and 9.8% of Fund

As of March 31, 2019

NTGI MSCI EAFE Performance Attribution vs. MSCI EAFE



Active Contribution



Performance By Characteristic

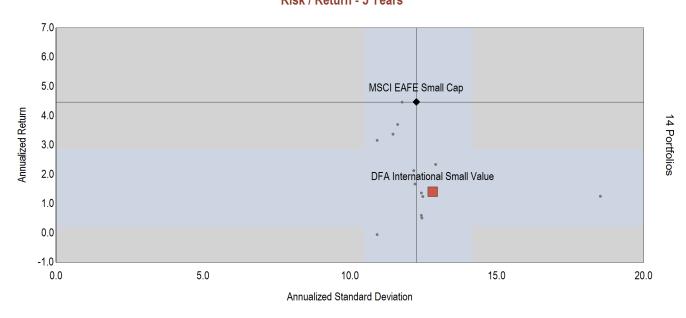
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 87.28	18.6%	19.4%	-0.8%	4.6%	11.4%	-6.8%	0.4%	0.3%	0.7%	0.3%	0.9%
2) 44.56 - 87.28	19.2%	20.5%	-1.3%	6.0%	10.3%	-4.3%	0.1%	-2.9%	-2.8%	0.0%	-2.8%
3) 23.86 - 44.56	20.3%	20.0%	0.3%	6.2%	9.1%	-2.9%	0.0%	-0.7%	-0.7%	-0.2%	-0.9%
4) 11.08 - 23.86	20.3%	20.1%	0.2%	7.6%	10.2%	-2.7%	0.1%	-1.6%	-1.5%	0.0%	-1.5%
5) 0.00 - 11.08	21.6%	20.0%	1.6%	7.6%	9.6%	-2.0%	0.3%	0.5%	0.7%	-0.1%	0.6%

DFA International Small Value

Characteristics

As of March 31, 2019 Market Value: \$100.6 Million and 4.6% of Fund

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI EAFE Small Cap
Number of Holdings	2,110	2,326
Weighted Avg. Market Cap. (\$B)	1.9	2.6
Median Market Cap. (\$B)	0.4	1.0
Price To Earnings	11.8	15.2
Price To Book	1.5	2.1
Price To Sales	0.6	1.0
Return on Equity (%)	6.8	12.9
Yield (%)	3.3	2.9
Beta	1.0	1.0
R-Squared	0.9	1.0

Region	% of Total	% of Bench
North America ex U.S.	8.6%	0.0%
United States	0.2%	0.0%
Europe Ex U.K.	35.8%	36.6%
United Kingdom	16.7%	18.9%
Pacific Basin Ex Japan	12.6%	12.2%
Japan	25.3%	30.5%
Emerging Markets	0.0%	0.0%
Other	0.8%	1.7%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI EAFE Small Cap
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	7.3	2.7
Materials	15.8	8.3
Industrials	23.6	21.3
Consumer Discretionary	13.9	12.9
Consumer Staples	5.0	6.6
Health Care	2.3	7.6
Financials	19.6	11.2
Information Technology	4.2	9.9
Communication Services	2.7	4.8
Utilities	2.1	2.4
Real Estate	3.4	12.5
Unclassified	0.0	0.0

	Small Cap	Mid Cap	Large Cap
DFA International Small Value	97.4%	2.6%	0.0%
MSCI FAFF Small Cap	94.0%	6.0%	0.0%

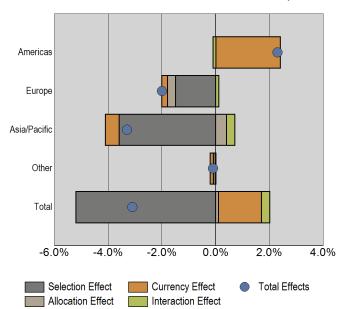
DFA International Small Value

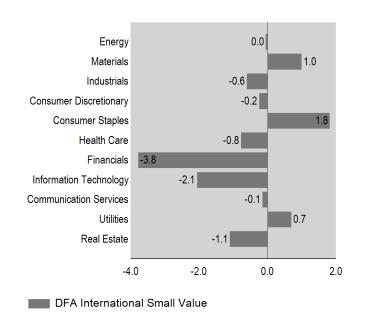
Attribution

As of Market Value: \$100.6 Million and 4.6% 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 3.38	13.3%	20.0%	-6.7%	8.9%	13.0%	-4.1%	-0.3%	-0.2%	-0.5%	0.4%	0.0%
2) 2.39 - 3.38	12.4%	20.0%	-7.7%	8.4%	13.1%	-4.7%	-0.3%	-1.1%	-1.4%	0.4%	-0.9%
3) 1.57 - 2.39	16.7%	20.0%	-3.3%	8.0%	10.4%	-2.4%	0.1%	-0.3%	-0.2%	-0.1%	-0.3%
4) 0.93 - 1.57	22.0%	20.0%	2.0%	8.8%	8.9%	-0.2%	-0.1%	2.0%	1.9%	-0.4%	1.5%
5) 0.00 - 0.93	35.6%	19.9%	15.7%	6.2%	8.9%	-2.7%	-0.2%	-2.8%	-3.0%	-0.4%	-3.4%

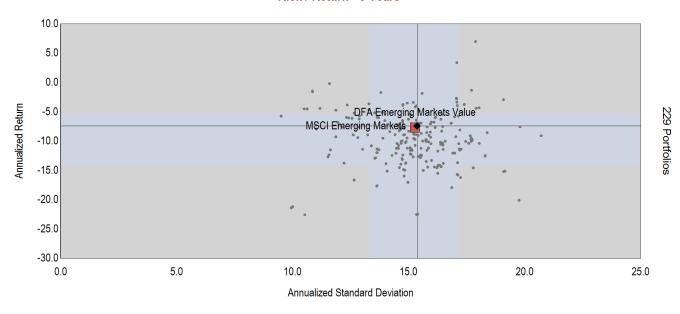
DFA Emerging Markets Value

Characteristics

As of March 31, 2019

Market Value: \$52.8 Million and 2.4% of Fund

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI Emerging Markets
Number of Holdings	2,506	1,133
Weighted Avg. Market Cap. (\$B)	28.0	84.9
Median Market Cap. (\$B)	0.4	5.8
Price To Earnings	10.4	13.3
Price To Book	1.5	2.4
Price To Sales	0.6	1.3
Return on Equity (%)	10.1	17.8
Yield (%)	3.3	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.	0.0%	0.2%
United Kingdom	0.0%	0.0%
Pacific Basin Ex Japan	8.2%	0.0%
Japan	0.0%	0.0%
Emerging Markets	91.7%	98.8%
Other	0.0%	1.0%
Total	100.0%	100.0%

Characteristics

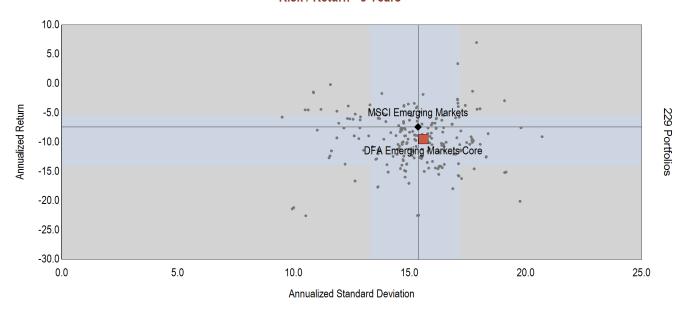
	Portfolio	MSCI Emerging Markets
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	16.3	8.1
Materials	16.6	7.4
Industrials	9.2	5.5
Consumer Discretionary	6.9	13.3
Consumer Staples	3.1	6.4
Health Care	1.2	2.6
Financials	28.7	24.3
Information Technology	7.7	14.6
Communication Services	4.5	12.1
Utilities	1.4	2.6
Real Estate	4.3	3.1
Unclassified	0.1	0.0

	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Value	26.0%	21.0%	53.0%
MSCI Emerging Markets	4.2%	17.6%	78.2%

Market Value: \$51.5 Million and 2.3% of Fund

As of March 31, 2019

Risk / Return - 5 Years



Characteristics

	Portfolio	MSCI Emerging Markets
Number of Holdings	4,952	1,133
Weighted Avg. Market Cap. (\$B)	44.2	84.9
Median Market Cap. (\$B)	0.4	5.8
Price To Earnings	12.6	13.3
Price To Book	2.2	2.4
Price To Sales	0.9	1.3
Return on Equity (%)	15.9	17.8
Yield (%)	2.9	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%	0.2%
United Kingdom	0.0%	0.0%
Pacific Basin Ex Japan	10.0%	0.0%
Japan	0.0%	0.0%
Emerging Markets	89.2%	98.8%
Other	0.2%	1.0%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI Emerging Markets
INDUSTRY SECTOR DISTRIBUTION (% Eq	quity)	
Energy	6.8	8.1
Materials	11.2	7.4
Industrials	9.0	5.5
Consumer Discretionary	10.8	13.3
Consumer Staples	7.2	6.4
Health Care	3.2	2.6
Financials	18.5	24.3
Information Technology	18.0	14.6
Communication Services	7.6	12.1
Utilities	3.4	2.6
Real Estate	4.1	3.1
Unclassified	0.2	0.0

	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Core	30.8%	20.9%	48.3%
MSCI Emerging Markets	4 2%	17.6%	78 2%



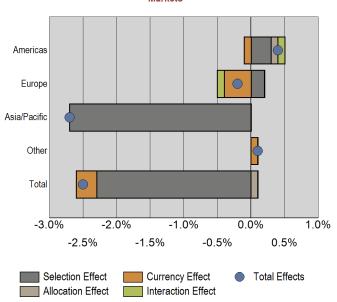
DFA Emerging Markets Core

Attribution

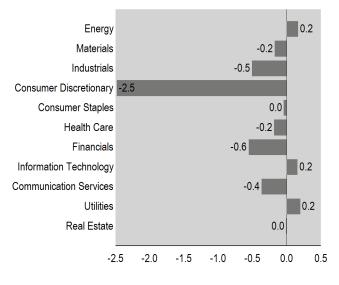
Market Value: \$51.5 Million and 2.3% of Fund

As of March 31, 2019

DFA Emerging Markets Core Performance Attribution vs. MSCI Emerging Markets



Active Contribution



DFA Emerging Markets Core

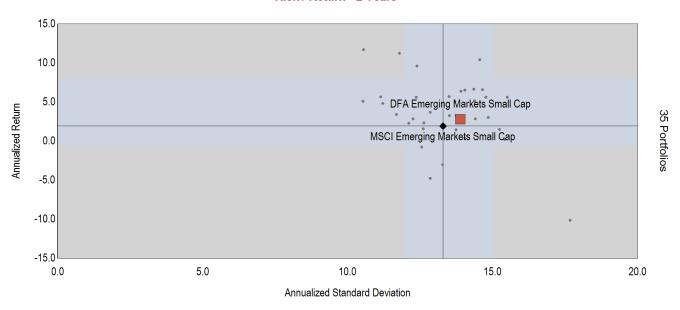
Performance By Characteristic

	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 101.80	10.9%	19.6%	-8.7%	11.3%	15.7%	-4.4%	-0.7%	0.0%	-0.8%	1.1%	0.4%
2) 31.93 - 101.80	12.4%	20.1%	-7.6%	9.6%	10.1%	-0.5%	0.1%	-0.3%	-0.2%	0.0%	-0.2%
3) 13.47 - 31.93	12.8%	20.2%	-7.4%	7.1%	7.9%	-0.8%	0.1%	-0.5%	-0.4%	-0.4%	-0.8%
4) 5.89 - 13.47	16.3%	20.1%	-3.9%	5.5%	7.5%	-2.0%	0.2%	-0.3%	-0.1%	-0.5%	-0.6%
5) 0.00 - 5.89	47.6%	19.9%	27.6%	6.8%	8.5%	-1.7%	-0.2%	-0.7%	-0.9%	-0.3%	-1.2%
Total				7.5%	9.9%	-2.5%	-0.6%	-1.9%	-2.5%	0.0%	-2.5%

Market Value: \$66.6 Million and 3.0% of Fund

As of March 31, 2019

Risk / Return - 2 Years



Characteristics

	Portfolio	Emerging Markets Small Cap
Number of Holdings	4,125	1,567
Weighted Avg. Market Cap. (\$B)	1.4	1.2
Median Market Cap. (\$B)	0.3	0.7
Price To Earnings	12.6	13.3
Price To Book	2.1	2.3
Price To Sales	8.0	0.9
Return on Equity (%)	12.5	13.0
Yield (%)	2.7	2.7
Beta	1.1	1.0
R-Squared	1.0	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.	0.3%	1.1%
United Kingdom	0.0%	0.0%
Pacific Basin Ex Japan	13.4%	0.0%
Japan	0.0%	0.0%
Emerging Markets	85.2%	97.2%
Other	0.7%	1.8%
Total	100.0%	100.0%

Characteristics

	Portfolio	MSCI Emerging Markets Small Cap
INDUSTRY SECTOR DISTRIBUTION (% Ed	quity)	
Energy	1.4	1.9
Materials	12.5	11.8
Industrials	14.4	14.3
Consumer Discretionary	14.6	14.2
Consumer Staples	7.8	6.7
Health Care	6.7	8.4
Financials	8.3	11.2
Information Technology	15.7	14.9
Communication Services	3.9	4.1
Utilities	5.6	4.5
Real Estate	7.3	7.8
Unclassified	0.4	0.1

	Small Cap	Mid Cap	Large Cap
DFA Emerging Markets Small Cap	88.1%	11.8%	0.2%
MSCI Emerging Markets Small Cap	95.1%	4.9%	0.0%

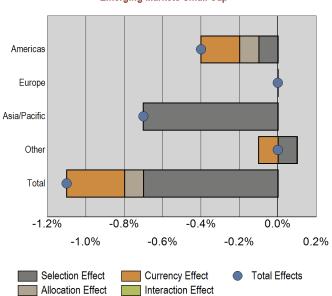
DFA Emerging Markets Small Cap

Attribution

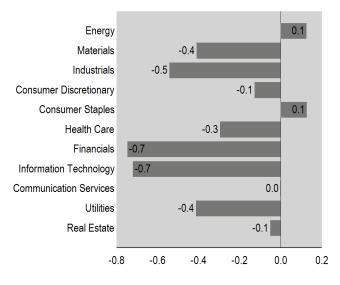
Market Value: \$66.6 Million and 3.0% of Fund

As of March 31, 2019

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



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 1.62	26.8%	20.1%	6.7%	8.3%	6.5%	1.8%	0.2%	-1.4%	-1.2%	-0.3%	-1.5%
2) 1.15 - 1.62	11.5%	20.1%	-8.6%	7.8%	7.6%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.2%
3) 0.80 - 1.15	13.6%	20.1%	-6.5%	5.5%	8.4%	-2.9%	0.0%	0.1%	0.2%	0.1%	0.3%
4) 0.52 - 0.80	14.2%	20.1%	-5.9%	5.1%	7.5%	-2.4%	0.0%	0.1%	0.1%	-0.1%	0.1%
5) 0.00 - 0.52	33.8%	19.6%	14.2%	6.3%	9.3%	-3.0%	-0.3%	0.2%	-0.1%	0.3%	0.2%
Total				6.7%	7.8%	-1.1%	-0.1%	-1.0%	-1.1%	0.0%	-1.1%

AQR Risk Parity

Characteristics

As of December 31, 2018 Market Value: \$109.2 Million and 5.2% of Fund

 Manager:
 AQR Capital Management AUM: \$203,417.19 MM 3/31/2019

 Product:
 Global Risk Premium Strategy AUM: \$13,312.23 MM 6/30/2017

Strategy: Hedge Funds - Risk Parity

Date as of: Dec 31st, 2018

Benchmark 1: 60% MSCI World/40% BarCap Aggregate

Benchmark 2:

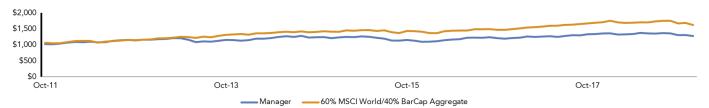
Investment Strategy:

AQR has one of the longest active track records in the risk parity space, which includes 2008. The GRP-EL ("enhanced liquidity") product does not include exposure to credit spreads and as a result has better liquidity terms. AQR's approach to risk parity includes a very active monitoring process that reduces exposure to asset classes as the volatility increases. AQR does this to help maintain the 10% volatility target they have set for the fund. As a result, exposures in this fund typically fluctuate more than peers.

Monthly Returns: (Net of Fees)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2018	0.26%	-2.82%	0.48%	0.71%	2.68%	-1.10%	-0.51%	1.16%	-0.66%	-3.98%	0.14%	-2.30%	-5.95%
2017	0.90%	3.04%	-1.15%	0.99%	0.87%	-1.76%	2.36%	1.89%	-0.39%	2.67%	0.48%	1.45%	11.83%
2016	0.33%	1.26%	2.94%	1.76%	0.87%	3.94%	0.31%	-0.38%	1.40%	-2.29%	-1.41%	1.74%	10.80%
2015	2.07%	1.21%	-0.55%	1.85%	-0.96%	-2.54%	-2.14%	-5.04%	-0.17%	1.81%	-1.96%	-3.07%	-9.36%
2014	1.46%	4.05%	-0.11%	1.78%	2.84%	1.80%	-1.67%	2.60%	-4.11%	0.80%	0.38%	-2.76%	6.94%
2013	1.43%	0.49%	2.26%	-0.32%	-3.87%	-6.49%	2.13%	-0.79%	2.37%	2.62%	-0.47%	-1.67%	-2.71%

Growth of \$1000 Since Inception



Trailing Returns				3МО	1YR	3YR	5YR	10YR	INCEPT		
Manager				-6.06%	-5.95%	5.23%	2.47%		2.98%		
60% MSCI World/40% BarCap Aggregate				-7.53%	-5.07%	4.74%	3.90%		6.38%		
Calendar Returns	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Manager				3.85%	11.74%	-2.71%	6.94%	-9.36%	10.80%	11.83%	-5.95%
60% MSCI World/40% BarCap Aggregate				5.08%	11.29%	14.46%	5.43%	-0.07%	5.71%	14.52%	-5.07%

Risk and Return 3YR Statistics Risk and Return Since Inception Statistics

	Manager	Benchmark 1		Manager	Benchmark 1	
Annualized Return	5.23%	4.74%	Annualized Return	2.98%	6.38%	
Standard Deviation	6.15%	6.27%	Standard Deviation	7.27%	6.88%	
Sharpe Ratio	0.68	0.59	Sharpe Ratio	0.37	0.85	
Skew	-0.40	-0.96	Skew	-0.74	-0.31	
Kurtosis	0.02	1.86	Kurtosis	0.49	0.96	
Up Capture		84.87%	Up Capture		68.22%	
Down Capture		70.22%	Down Capture		99.37%	

Benchmark Based Return Statistics 3 Year Benchmark Based Return Statistics Since Inception

	Benchmark1		Benchmark1	
Alpha	2.27%	Alpha	-1.33%	
Beta	0.62	Beta	0.74	
R2	40.43%	R2	44.26%	

Crisis Performance				
	Financial Crisis	Euro Crisis	High Yield Crash	Taper Tantrum
	May '07 - Feb '09	April '11 - Sept '11	May '15 - Jan '16	April '13 - Aug '13
Manager			-12.2%	-8.9%
60% MSCI World/40% Ba			-6.4%	-1.1%

Investment Terms & Service Providers					
Inception Date	10/31/2011				
Management Fee	0.38%				
Liquidity	Weekly				
Administrator	Institutional Fund Services				
Auditors	PricewaterhouseCoopers				



J.P. Morgan Characteristics

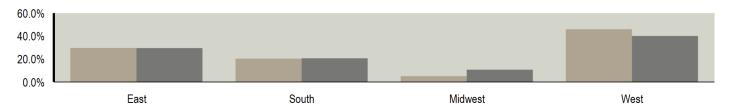
As of December 31, 2018 Market Value: \$75.7 Million and 3.6% of Fund

Characteristics Strategy Breakdown % of Portfolio **Top Five Metro Areas** % of NAV Fund GAV (\$MM) 0.0% \$42,978.0 Pre-Development New York-Northern New Jersey-12.1% Development \$33,424.0 2.7% Dallas-Fort Worth-Arlington, TX Fund NAV (\$MM) 10.9% 2.2% Cash (% of NAV) Initial Leasing 1.1% Los Angeles-Long Beach-Santa 10.6% 96.2% Boston-Cambridge-Quincy, MA-N # of Investments 166 Operating 9.4% % in Top 10 by NAV 26.3% Re-Development 0.0% San Jose-Sunnyvale-Santa Clara 7.3% Leverage % 22.4% Other 0.0% 92.2% Occupancy # of MSAs 59 Queue In: Queue_Out: 1-Year Dividend Yield Contribution Queue (\$MM) \$154.80 Redemption Queue (\$MM) \$0.00 3.9% As of Date 31-Dec-18 Anticipated Drawdown (Months) Anticipated Payout (Months) 3 0

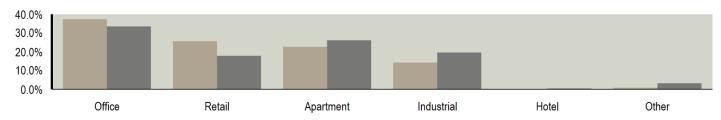
Top Ten Holdings Investment Detail

#	Property	Type	Location	% of Fund NAV
1	Valley Fair Mall	Retail	San Jose, CA	3.7%
2	Edens - SPF	Retail	Various	3.6%
3	DSRG - SPF	Retail	Various	3.0%
4	Royal Hawaiian Center	Retail	Honolulu, HI	2.8%
5	Alliance Texas - Industrial	Industrial	Fort Worth, TX	2.7%
6	Century Plaza Towers	Office	Los Angeles, CA	2.3%
7	1345 Avenue of the Americas	Office	New York, NY	2.2%
8	University Towne Center	Retail	San Diego, CA	2.2%
9	China Basin	Office	San Francisco, CA	2.0%
10	NorthPark Center JV	Retail	Dallas, TX	1.9%
Total				26.3%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)





■ JPMorgan Strategic Property Fund ■ NFI-ODCE EqW

Morgan Stanley Characteristics

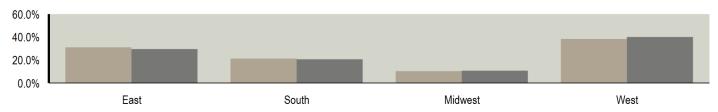
As of December 31, 2018 Market Value: \$71.4 Million and 3.4% of Fund

Characteristics Strategy Breakdown % of Portfolio **Top Five Metro Areas** % of NAV Fund GAV (\$MM) 0.5% Los Angeles \$28,316.5 Pre-Development 13.7% Fund NAV (\$MM) Development 3.7% Chicago \$23,051.0 8.3% 0.5% 4.9% New York Cash (% of NAV) Initial Leasing 7.7% Boston 87.6% 8.4% # of Investments 431 Operating Re-Development % in Top 10 by NAV 22.2% 3.3% Miami 6.9% Leverage % 17.7% Other 0.0% 92.8% Occupancy # of MSAs 33 Queue_Out: Queue In: 1-Year Dividend Yield 4.0% Contribution Queue (\$MM) \$950.85 Redemption Queue (\$MM) As of Date 31-Dec-18 Anticipated Drawdown (Months) Anticipated Payout (Months)

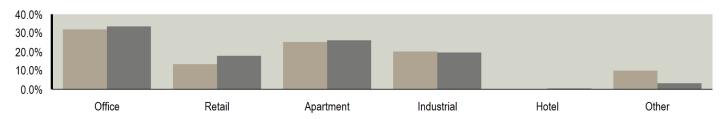
Top Ten Holdings Investment Detail

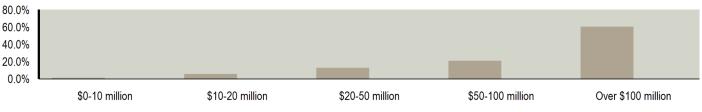
#	Property	Туре	Location	% of Fund NAV
1	Hills Plaza	Office	San Francisco, CA	2.9%
2	Two Park Avenue	Office	New York, NY	2.8%
3	Fashion Valley Mall	Retail	San Diego, CA	2.8%
4	One Post Office Square	Office	Boston, MA	2.4%
5	One Maritime Plaza	Office	San Francisco, CA	2.1%
6	Dadeland Mall	Retail	Miami, FL	2.0%
7	Waterview Tower	Office	Arlington, VA	1.8%
8	155 North Wacker	Office	Chicago, IL	1.8%
9	Rosedale Shopping Center	Retail	Roseville, MN	1.8%
10	AMLI Marina del Rey	Apartment	Marina del Rey, CA	1.6%
Total				22.0%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)





■ Morgan Stanley PRIME Property Fund, LLC ■ NFI-ODCE EqW



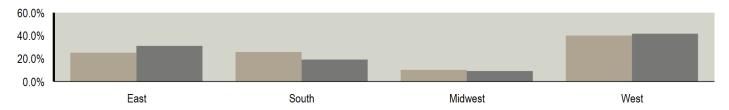
As of December 31, 2018 Market Value: \$38.1 Million and 1.8% of Fund

Characteristics Strategy Breakdown % of Portfolio **Top Five Metro Areas** % of NAV Fund GAV (\$MM) \$4,245.9 Pre-Development 1.3% San Francisco, CA 12.4% Fund NAV (\$MM) \$1,858.2 Development 16.1% Chicago, IL 9.2% Cash (% of NAV) 1.7% **Initial Leasing** 3.3% San Diego, CA 9.0% # of Investments 67 Operating 70.2% Dallas, TX 7.2% % in Top 10 by NAV 43.3% Re-Development 8.4% Raleigh, NC 6.6% Leverage % 49.4% Other 0.8% Occupancy 87.0% # of MSAs 29 Queue In: Queue_Out: 1-Year Dividend Yield 10.1% Contribution Queue (\$MM) \$0.00 Redemption Queue (\$MM) \$0.00 As of Date 31-Dec-18 Anticipated Drawdown (Months) 0 Anticipated Payout (Months) 0

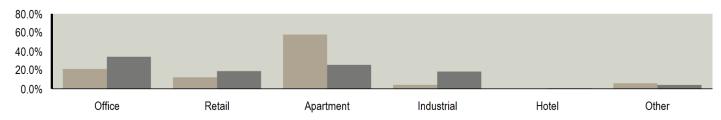
Top Ten Holdings Investment Detail

#	Property	Туре	Location	% of Fund NAV
1	255 California	Office	San Francisco, CA	8.5%
2	Coronado Bay Club	Apartment	Coronado, CA	4.7%
3	2305 Mission College Blvd	Office	Santa Clara, CA	4.5%
4	Terraces at Copley Point	Office	San Diego, CA	4.4%
5	Marbella South	Apartment	Jersey City, NJ	4.1%
6	Arkadia Tower	Apartment	Chicago, IL	3.8%
7	CityPlace - Retail	Retail	Doral, FL	3.7%
8	Alexan Union Market	Apartment	Washington, DC	3.4%
9	Broadstone Trino	Apartment	Santa Monica, CA	3.2%
10	Alta Potrero Hill	Apartment	San Francisco, CA	3.0%
Total				43.3%

Regional Breakdown by NAV (Excluding Cash & Debt)



Property Type Breakdown by NAV (Excluding Cash & Debt)





Principal Enhanced

Characteristics

As of December 31, 2018 Market Value: \$47.3 Million and 2.3% of Fund

Characteristics						
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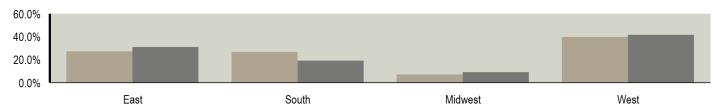
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Otia	Legy	Dica	KUUWII	

			% of Portfolio	Top Five Metro Areas	% of
Fund GAV (\$MM)	\$3,008,374,448.0	Pre-Development	0.0%	Seattle	
Fund NAV (\$MM)	\$1,801,741,268.0	Development	11.8%	Houston	
Cash (% of NAV)	3.4%	Initial Leasing	3.1%	Oakland	
# of Investments	49	Operating	85.1%	Denver	
% in Top 10 by NAV	39.9%	Re-Development	0.0%	Phoenix	
Leverage %	34.5%	Other	0.0%		
Occupancy	90.0%				
# of MSAs	21	Queue In:		Queue_Out:	
1-Year Dividend Yield	6.0%	Contribution Queue (\$MM)	\$138.60	Redemption Queue (\$MM)	5
As of Date	31-Dec-18	Anticipated Drawdown (Months)	6	Anticipated Payout (Months)	

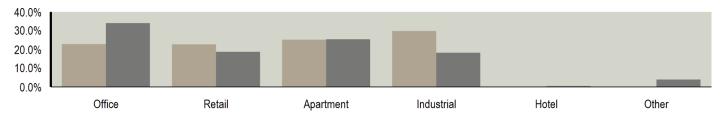
Top Ten Holdings Investment Detail

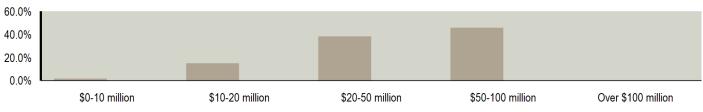
#	Property	Type	Location	% of Fund NAV
1	Mid-South Logistics Center	Industrial	Nashville, TN	5.3%
2	Bay Area Business Park (Phase I)	Industrial	Houston, TX	5.2%
3	Piedmont Office	Office	Charlotte, NC	4.3%
4	Bay Center	Office	Oakland, CA	4.2%
5	San Leandro Business Center	Industrial	Oakland, CA	4.1%
6	Shops at Gainey Village	Retail	Phoenix, AZ	3.9%
7	Bay Area Business Park (Phase II)	Industrial	Houston, TX	3.6%
8	Bellevue South	Retail	Seattle, WA	3.3%
9	Foundry Lake Street	Apartment	Minneapolis, MN	3.1%
10	The Courts at Spring Mill Station	Apartment	Philadelphia, PA	3.0%
Total				39.9%

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

Strategy Breakdown

Market Value: \$45.0 Million and 1.9% of Fund

Characteristics

	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

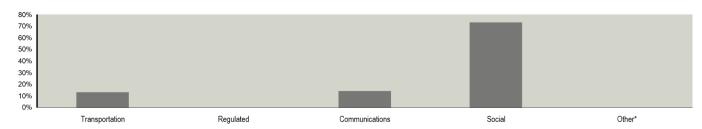
			investment	Distributions	Fair Mkt Vai	
Holding	Sector	Location	(\$M)	(\$M)	(\$M)	% of Portfolio
Binnenlandse Container Terminals Neder	land b.v Transportaion	Netherlands	\$103.7	\$50.6	\$151.0	5.4%
Regency Gas Pipeline System	Regulated	Louisiana	\$159.8	\$717.0	\$45.0	1.6%
BCTN Currency Options	Not Applicable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

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

Country Breakdown of Active Assets



Sector Breakdown of Active Assets



Total Fund Annual Cash Flow Summary (\$M)

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

Other * =

Macquarie Characteristics

As of December 31, 2018

Characteristics

Market Value: \$60.3 Million and 2.9% of Fund

Strategy Breakdown

N	lacquarie Asset Management	
Fund Vintage Year	2008	Assets in Po
Total Size of Fund (\$M)	\$1,568.95	Active Asse
% of Capital Called	94.94%	Assets Rea
Total Fund GAV (\$M)	\$1,606.06	Assets Writt
Total Fund NAV (\$M)	\$1,601.70	Assets Writt

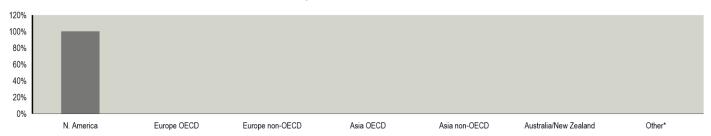
	# of Cos.	Current or Realized MV (\$M)	% of Portfolio
Assets in Portfolio	6	\$1,592.40	101.5%
Active Assets in Portfolio	5	\$1,592.40	101.5%
Assets Realized	1	\$965.62	61.5%
Assets Written Off	0	\$0.00	0.0%
Assets Written Down	2	\$241.20	15.4%
Assets Written Up	3	\$1,351.20	86.1%

Active Assets

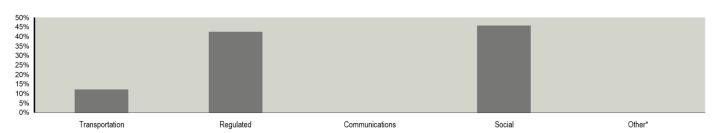
		Investment	Distributions	Fair Mkt Val	
Sector	Location	(\$M)	(\$M)	(\$M)	% of Portfolio
Regulated	USA - WA	\$342.4	\$138.8	\$674.1	42.3%
Other	USA - Texas	\$275.4	\$4.7	\$485.3	30.5%
Transportation	USA - VA	\$75.6	\$3.0	\$191.8	12.0%
Other	USA - MS	\$238.5	\$0.0	\$144.7	9.1%
Other	Brea, California and Johnsto	\$128.0	\$0.0	\$96.5	6.1%
Communication	USA, Puerto Rico & Mexico	\$0.0	\$1,019.7	\$0.0	0.0%
	Regulated Other Transportation Other Other	Regulated USA - WA Other USA - Texas Transportation USA - VA Other USA - MS Other Brea, California and Johnste	Sector Location (\$M) Regulated USA - WA \$342.4 Other USA - Texas \$275.4 Transportation USA - VA \$75.6 Other USA - MS \$238.5 Other Brea, California and Johnsts \$128.0	Sector Location (\$M) (\$M) Regulated USA - WA \$342.4 \$138.8 Other USA - Texas \$275.4 \$4.7 Transportation USA - VA \$75.6 \$3.0 Other USA - MS \$238.5 \$0.0 Other Brea, California and Johnstr \$128.0 \$0.0	Sector Location (\$Μ) (\$Μ) (\$Μ) Regulated USA - WA \$342.4 \$138.8 \$674.1 Other USA - Texas \$275.4 \$4.7 \$485.3 Transportation USA - VA \$75.6 \$3.0 \$191.8 Other USA - MS \$238.5 \$0.0 \$144.7 Other Brea, California and Johnstr \$128.0 \$0.0 \$96.5

\$1,059.9 Total \$1,592.4

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	46
Fees	-24	-22	-17	-16	-16	-16	-16
Yearly Total	-401	824	3	-16	-91	24	-16
Cumulative Total	-\$1,569	-\$745	-\$742	-\$758	-\$849	-\$825	-\$841

Other * =



Fort Washington Fund V

Characteristics

As of September 30, 2018

Market Value: \$19.4 Million and 0.8% of Fund

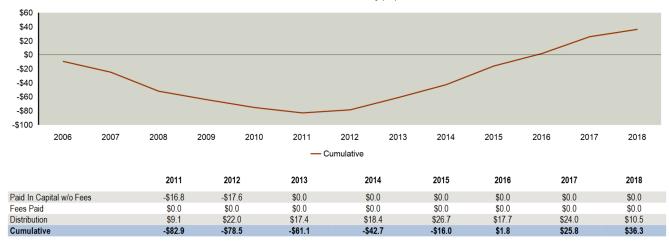
Characteristics

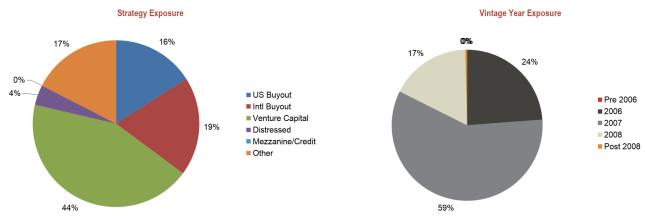
	F	ort Washingt	on Capital Partners
Total Size of Fund (\$M)		\$120.1
Total Capital Called to	Date		\$112.8
% of Committed Capita	al Called		93.9%
Capital Distributed (\$M	1)		\$149.1
Capital Distributed (as	a % of Capital Calle	ed)	132.2%
Client Commitment (\$N	<i>I</i> ()		\$40.0
Client % Ownership of	Fund		30.3%

Fund Vintage Year	2006
Total Underlying Commitments	\$148.8
# of Underlying Commitments	29
% of Capital Committed	123.88%
Fund NAV (\$M)	\$62.4
Net Multiple	1.83x
Net IRR	10.37%

Top Ten Funds by Market Value

				Total			
	_			Commitment	Total Investment	Fair Market	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	Value (\$M)	Distribution (\$M)
Shasta Ventures II, L.P.	Venture Capital	2008	8.6%	\$2.5	\$2.4	\$6.4	\$1.7
Upfront III, L.P.	Venture Capital	2007	8.0%	\$5.0	\$4.4	\$5.9	\$1.4
New Mountain Capital III, L.P.	US Buyout	2007	6.6%	\$7.5	\$7.0	\$4.9	\$9.2
Draper Fisher Jurvetson Fund IX, L.P.	Venture Capital	2007	6.2%	\$5.0	\$5.0	\$4.6	\$6.3
Silver Lake Partners III, L.P.	Intl Buyout	2007	5.9%	\$7.5	\$6.7	\$4.4	\$11.3
NGP Midstream & Resources, L.P.	Other	2007	5.3%	\$6.8	\$6.8	\$4.0	\$8.9
Draper Fisher Jurvetson Growth Fund 2006, L.P.	Other	2006	5.0%	\$5.0	\$5.0	\$3.7	\$7.9
Inventus Capital Partners, L.P.	Venture Capital	2007	5.0%	\$2.5	\$2.5	\$3.7	\$1.7
The Resolute Fund II, L.P.	Intl Buyout	2007	4.7%	\$7.5	\$6.8	\$3.5	\$7.2
Clarus Lifesciences II, L.P.	Venture Capital	2008	4.5%	\$6.0	\$5.7	\$3.4	\$7.0





^{*}Other:Other includes Growth Equity, Infrastructure, Secondary Fund of Funds, and Direct Investments

Fort Washington Fund VI

Characteristics

As of September 30, 2018

Market Value: \$17.5 Million and 0.8% of Fund

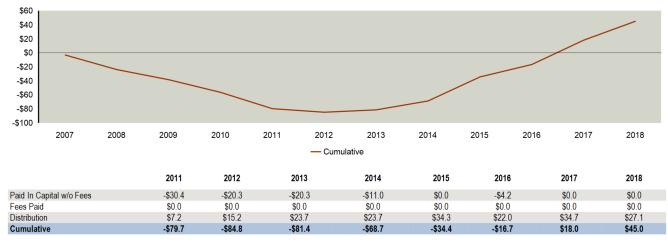
Characteristics

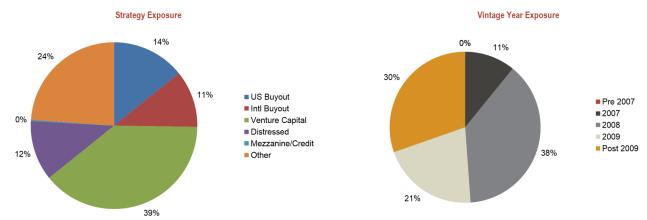
F	ort Washingt	on Capital Partners
Total Size of Fund (\$M)		\$169.1
Total Capital Called to Date		\$144.8
% of Committed Capital Called		85.6%
Capital Distributed (\$M)		\$178.9
Capital Distributed (as a % of Capital Calle	ed)	123.5%
Client Commitment (\$M)		\$30.0
Client % Ownership of Fund		16.6%

Fund Vintage Year	2007
Total Underlying Commitments	\$185.1
# of Underlying Commitments	41
% of Capital Committed	109.45%
Fund NAV (\$M)	\$111.0
Net Multiple	1.97x
Net IRR	14.53%

Top Ten Funds by Market Value

				Total			
				Commitment	Total Investment	Fair Market	Total
Fund	Туре	Vintage Year	% of Portfolio	(\$M)	(\$M)	Value (\$M)	Distribution (\$M)
Hellman & Friedman Capital Partners VII, L.P.	Intl Buyout	2011	8.9%	\$7.5	\$7.1	\$10.2	\$6.9
OrbiMed Private Investments IV, L.P.	Venture Capital	2009	5.5%	\$4.0	\$3.4	\$6.4	\$5.7
Shasta Ventures II, L.P.	Venture Capital	2008	5.5%	\$2.5	\$2.4	\$6.4	\$1.7
Cressey & Company Fund IV, L.P.	US Buyout	2008	5.1%	\$7.5	\$7.0	\$5.9	\$8.8
Element Partners II, L.P.	Venture Capital	2008	4.9%	\$5.0	\$4.7	\$5.7	\$0.7
Highland Capital Partners VIII, L.P.	Venture Capital	2010	4.5%	\$5.0	\$5.0	\$5.2	\$1.1
Pangaea Two, L.P.	Other	2012	4.4%	\$5.0	\$3.9	\$5.1	\$0.6
True Ventures II, L.P.	Venture Capital	2008	4.0%	\$2.5	\$2.5	\$4.6	\$6.3
Draper Fisher Jurvetson Fund IX, L.P.	Venture Capital	2007	4.0%	\$5.0	\$5.0	\$4.6	\$6.3
New Enterprise Associates 13, L.P.	Venture Capital	2008	3.9%	\$5.0	\$4.8	\$4.5	\$3.9





^{*}Other:Other includes Secondary Investments, Secondary Fund of Funds, Growth Equity, Infrastructure, and Direct Investments

Fort Washington Fund VIII

Characteristics

As of September 30, 2018

Market Value: \$40.4 Million and 1.8% of Fund

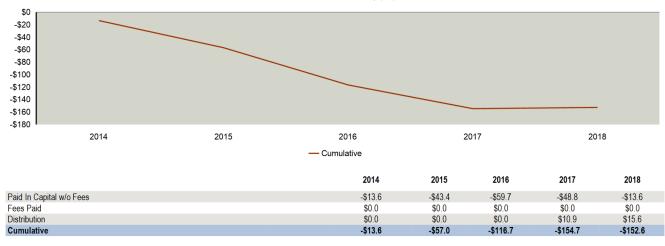
Characteristics

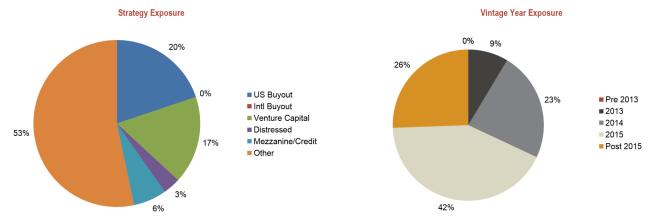
Fort Washingt	on Capital Partners
Total Size of Fund (\$M)	\$271.4
Total Capital Called to Date	\$179.1
% of Committed Capital Called	66.0%
Capital Distributed (\$M)	\$26.5
Capital Distributed (as a % of Capital Called)	14.8%
Client Commitment (\$M)	\$55.0
Client % Ownership of Fund	18.5%

Fund Vintage Year	2013
Total Underlying Commitments	\$309.5
# of Underlying Commitments	41
% of Capital Committed	114.05%
Fund NAV (\$M)	\$208.7
Net Multiple	1.31x
Net IRR	15.24%

Top Ten Funds by Market Value

Fund	Туре	Vintage Year	% of Portfolio	Total Commitment (\$M)	Total Investment (\$M)	Fair Market Value (\$M)	Total Distribution (\$M)
Ascent Venture Partners IV-B, L.P.	Venture Capital	2016	9.4%	\$11.8	\$11.4	\$19.6	\$0.0
Invision Diversified Holdings, LLC	Other	2015	8.4%	\$9.0	\$9.0	\$17.6	\$0.0
Cressey & Company Fund V, L.P.	US Buyout	2015	7.0%	\$14.0	\$12.4	\$14.6	\$0.6
OrbiMed Private Investments VI, L.P.	Venture Capital	2015	5.5%	\$14.0	\$9.1	\$11.6	\$0.0
ABRY Partners VIII, L.P.	US Buyout	2015	4.9%	\$12.8	\$8.7	\$10.2	\$0.9
HitecVision VII, L.P.	Other	2014	4.5%	\$12.8	\$7.1	\$9.5	\$0.0
MCP Private Capital Fund II, L.P.	Mezzanine/Credit	2014	3.9%	\$10.4	\$7.6	\$8.1	\$0.7
EnCap Energy Capital Fund X, L.P.	US Buyout	2015	3.8%	\$11.2	\$7.8	\$8.0	\$1.0
5AM Ventures IV, L.P.	Venture Capital	2013	3.6%	\$6.0	\$5.5	\$7.6	\$0.1
Scribe Aggregator, LLC	Other	2016	3.5%	\$4.6	\$4.6	\$7.4	\$0.6





^{*}Other:Other includes Secondary Investments, Direct Investments, Growth Equity Funds, Infrastructure Funds, Real Assets Funds, and Senior Debt Funds

Fort Washington Fund IX

Characteristics

As of September 30, 2018

Market Value: \$13.5 Million and 0.6% of Fund

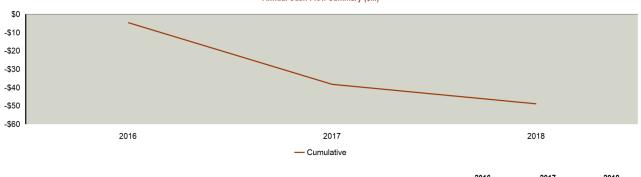
Characteristics

	Fort Washington Capital Partners
Total Size of Fund (\$M)	\$212.6
Total Capital Called to Date	\$48.9
% of Committed Capital Called	23.0%
Capital Distributed (\$M)	\$0.0
Capital Distributed (as a % of Capital Ca	alled) 0.0%
Client Commitment (\$M)	\$68.0
Client % Ownership of Fund	23.6%

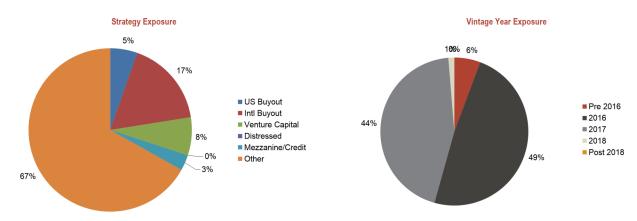
Fund Vintage Year	2016
Total Underlying Commitments	\$154.1
# of Underlying Commitments	29
% of Capital Committed	72.47%
Fund NAV (\$M)	\$57.7
Net Multiple	1.18x
Net IRR	21.09%

Top Ten Funds by Market Value

				Total			
Fund	Туре	Vintage Year	% of Portfolio	Commitment (\$M)	Total Investment (\$M)	Fair Market Value (\$M)	Total Distribution (\$M)
G Square Capital II, L.P.	Intl Buyout	2016	14.4%	\$10.6	\$6.9	\$8.7	\$0.0
Ascent Venture Partners IV-B, L.P.	Other	2016	13.5%	\$4.9	\$4.7	\$8.2	\$0.0
HV Momentum Co-invest AS	Other	2017	11.8%	\$3.5	\$3.5	\$7.1	\$0.0
Luminate Capital Partners, LP	Other	2017	11.1%	\$8.5	\$6.0	\$6.7	\$0.0
Scribe Aggregator, LLC	Other	2016	8.6%	\$3.2	\$3.2	\$5.2	\$0.4
Lime Rock Partners IV AF, L.P.	Other	2006	5.7%	\$3.5	\$3.4	\$3.4	\$0.0
Bambino Group Holdings, LLC	Other	2017	5.6%	\$3.0	\$3.0	\$3.4	\$0.0
Livingbridge 6 L.P.	Other	2016	4.8%	\$9.0	\$3.2	\$2.9	\$0.0
True Ventures Select II, L.P.	Venture Capital	2017	3.9%	\$3.3	\$2.6	\$2.4	\$0.7
ABRY Senior Equity V, L.P.	Mezzanine/Credit	2017	3.1%	\$8.7	\$1.9	\$1.9	\$0.0



	2016	2017	2018
Paid In Capital w/o Fees	-\$4.6	-\$33.7	-\$10.6
Fees Paid	\$0.0	\$0.0	\$0.0
Distribution	\$0.0	\$0.0	\$0.0
Cumulative	-\$4.6	-\$38.3	-\$48.9



 $^{{}^{\}star}\text{Other:}$ Includes Growth Equity, Secondary Investments, and Direct Investments

North Sky Fund IV

As of December 31, 2017

Characteristics

Market Value: \$10.8 Million and 0.5% of Fund

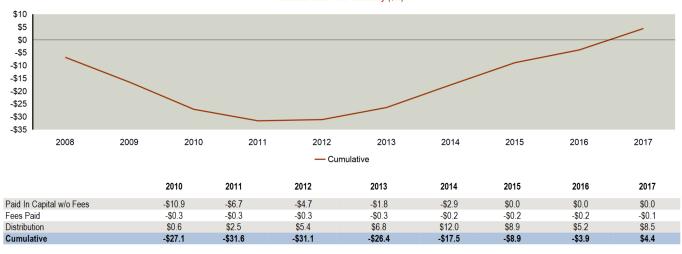
Characteristics

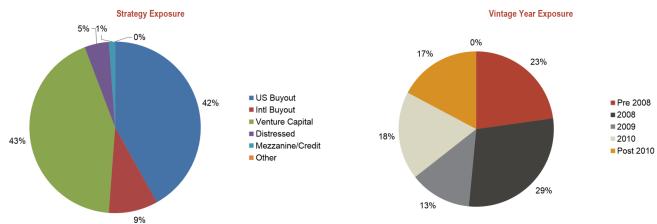
	North Sky Capital
Total Size of Fund (\$M)	\$60.0
Total Capital Called to Date	\$43.1
% of Committed Capital Called	71.8%
Capital Distributed (\$M)	\$49.7
Capital Distributed (as a % of Capital Called)	115.3%
Client Commitment (\$M)	\$30.0
Client % Ownership of Fund	48.0%

Fund Vintage Year	2008
Total Underlying Commitments	\$65.0
# of Underlying Commitments	16
% of Capital Committed	108.45%
Fund NAV (\$M)	\$42.8
Net Multiple	1.88170273199071x
Net IRR	14.90%

Top Ten Funds by Market Value

				Total			
Fund	Туре	Vintage Year	% of Portfolio	Commitment (\$M)	Total Investment (\$M)	Fair Market Value (\$M)	Total Distribution (\$M)
Stone Arch Capital II	US Buyout	2008	11.7%	\$7.5	\$6.2	\$4.7	\$4.8
GGV Capital III	Venture Capital	2006	11.4%	\$8.0	\$7.9	\$4.6	\$15.1
IVP XII	Venture Capital	2007	11.4%	\$10.0	\$10.0	\$4.6	\$22.1
Clarus Ventures II	Venture Capital	2008	11.2%	\$5.0	\$4.8	\$4.5	\$5.0
DW Healthcare Partners III	US Buyout	2012	7.2%	\$4.0	\$3.3	\$2.9	\$2.4
CapStreet III	US Buyout	2010	7.1%	\$4.0	\$3.9	\$2.8	\$4.9
AEA Small Business Fund II	US Buyout	2010	6.8%	\$3.0	\$3.2	\$2.7	\$2.2
ABS Capital Partners VI	Venture Capital	2008	5.4%	\$5.0	\$4.9	\$2.1	\$2.2
Incline Equity III	US Buyout	2012	5.2%	\$4.0	\$3.9	\$2.1	\$4.1
REF IV	Intl' Buyout	2009	4.9%	\$3.2	\$3.4	\$2.0	\$3.1





North Sky Fund V

As of December 31, 2017

Characteristics

Market Value: \$22.4 Million and 1.0% of Fund

Characteristics

	North Sky Capital
Total Size of Fund (\$M)	\$50.9
Total Capital Called to Date	\$21.1
% of Committed Capital Called	41.5%
Capital Distributed (\$M)	\$0.0
Capital Distributed (as a % of Capital Called)	0.0%
Client Commitment (\$M)	\$40.0
Client % Ownership of Fund	78.7%

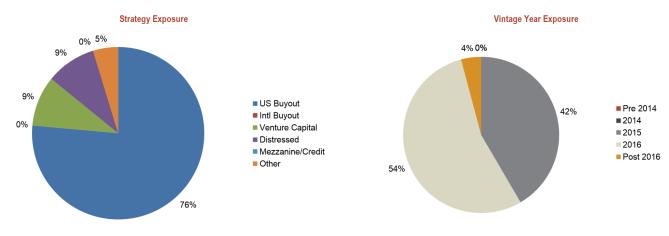
Fund Vintage Year	2014
Total Underlying Commitments	\$53.0
# of Underlying Commitments	11
% of Capital Committed	104.08%
Fund NAV (\$M)	\$22.9
Net Multiple	1.13084572290494x
Net IRR	4.28%

Top Ten Funds by Market Value

				Total			
Fund	Туре	Vintage Year	% of Portfolio	Commitment (\$M)	Total Investment (\$M)	Fair Market Value (\$M)	Total Distribution (\$M)
Tower Arch I	US Buyout	2014	13.7%	\$6.5	\$3.0	\$3.5	\$0.5
Francisco Partners IV	US Buyout	2015	13.6%	\$4.0	\$2.8	\$3.4	\$0.0
Cressey & Company V	US Buyout	2015	13.5%	\$5.0	\$3.3	\$3.4	\$0.2
IVP XV	Venture Capital	2015	13.4%	\$5.0	\$3.6	\$3.4	\$0.3
Guardian II	US Buyout	2014	12.1%	\$6.5	\$3.1	\$3.1	\$0.0
PEP V Co-Invest	Other	2014	11.7%	\$2.5	\$2.5	\$3.0	\$0.3
CapStreet IV	US Buyout	2015	7.7%	\$5.0	\$1.7	\$2.0	\$0.1
AEA Small Business Fund III	US Buyout	2016	4.1%	\$3.5	\$1.2	\$1.1	\$0.0
Tritium I	US Buyout	2014	4.1%	\$2.0	\$0.9	\$1.0	\$0.0
Southfield II	US Buyout	2015	2.7%	\$3.0	\$0.6	\$0.7	\$0.0

Annual Cash Flow Summary (\$M)





*Other:(freeform)

2019 Securities Lending Revenue

<u>Month</u>	CRS Earnings
January	-\$8,776
February	-\$8,035
March	-\$7,127
Total 2019 BNY Mellon YTD Securities Lending Revenue	-\$23,939

Historic Securities Lending Revenue

<u>Year</u>	CRS_Earnings
2018	-\$29,442
2017	\$125,636
2016	\$351,379
2015	\$542,312
2014	\$562,374
2013	\$321,534
2012	\$277,849
2011	\$362,989
2010	\$340,835
2009	\$964,503
2008	\$2,365,591
2007	\$1,432,567
2006	\$983,293
2005	\$989,492
2004	\$1,513,575
2003	\$352,142
Total Securities Lending Revenue (July 2003 - Present)	\$11,486,072

Update on Collateral Pool Deficiency

Realized loss from Lehman (CRS Share):	\$10,427,589
¹ Securities lending credit towards Lehman loss:	\$1,873,793
Remaining balance from Lehman loss:	\$8,553,796

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.



Market Value: \$2,200.1 Million and 100.0% of Fund

Asset Class	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Fixed Income	0.44% \$1,686,454	0.37%
US Equity	0.03% \$171,963	0.21%
Non-US Equity	0.35% \$1,705,596	0.68%
Hedge Funds/Risk Parity	0.38% \$425,955	0.83%
Real Estate	1.03% \$2,453,598	1.01%
Infrastructure	1.24% \$2,258,931	1.29%
Private Equity	0.79% \$1,340,937	1.28%
Total	0.46% \$10,043,435	0.71%

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: \$2,200.1 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Unconstrained Fixed Income	BlackRock Strategic Income Opps	0.55% on the balance	0.55% \$842,184	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% \$439,136	0.28%
High Yield Fixed Income	Shenkman - Four Points	0.55% on the balance	0.55% \$405,134	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% \$147,978	0.10%
Mid-Cap Value	Vanguard Mid Cap Value	0.070% on the balance	0.07% \$67,262	0.65%
Non-U.S. Small-Cap Value	DFA International Small Value	0.71% on the balance	0.71% \$714,324	1.08%
Emerging Markets	DFA Emerging Markets Value	0.37% on the balance	0.37% \$195,314	1.27%
Emerging Markets	DFA Emerging Markets Core	0.53% on the balance	0.53% \$273,069	0.90%
EM Small-Cap	DFA Emerging Markets Small Cap	0.72% on the balance	0.72% \$479,612	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% \$423,943	0.83%
Core Real Estate	J.P. Morgan SPF	1.00% on the balance	1.00% \$758,832	1.01%
Core Real Estate	Morgan Stanley P.P.	0.90% on the balance Incentive Fee: 5%*NAV*(Return-NCREIF)	0.90% \$644,425	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% \$424,991	1.01%
Value-Added Real Estate	Principal Enhanced	1.20% on the balance 15% performance fee on returns > 11%	1.20% \$570,818	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% \$54,532	1.01%

Total Fund Composite

Fee Schedule

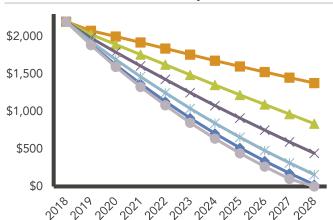
Market Value: \$2,200.1 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee ¹	Industry Average ²
Core Infrastructure	Alinda Fund II	1.50% on committed assets (20% incentive over 8% preferred return)	3.29% \$975,000	4.38%
Core Infrastructure	Macquarie Fund II	1.50% on committed assets (20% incentive over 8% preferred return)	1.62% \$975,000	2.16%
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% \$308,931	1.41%
Venture Private Equity	Blue Chip Fund IV	\$100,000 annual fee for administrative expenses Plus 20% of profits after all capital returned	7.01% \$100,000	1.25%
Divers. Private Equity	Fort Washington Fund V	0.40% on committed assets (5% incentive over 8% return)	0.91% \$160,000	2.83%
Divers. Private Equity	Fort Washington Fund VI	0.40% on committed assets (5% incentive over 8% return)	0.94% \$120,000	2.94%
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	0.28% \$100,000	1.73%
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	0.24% \$45,000	3.37%
Secondary Private Equity FoF	Fort Washington Opp Fund III	0.75% on committed assets (15% incentive over 8% preferred return)	1.18% \$225,000	1.96%
LBO Private Equity	North Sky Fund III - LBO	0.45% on committed assets (5% incentive over 8% return)	1.48% \$135,000	4.12%
Venture Private Equity	North Sky Fund III - VC	0.45% on committed assets (5% incentive over 8% return)	1.45% \$45,000	4.02%
LBO Private Equity	North Sky Fund IV - LBO	0.45% on committed assets (5% incentive over 8% return)	0.81% \$67,500	2.24%
Venture Private Equity	North Sky Fund IV - VC	0.45% on committed assets (5% incentive over 8% return)	1.81% \$67,500	5.03%
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	0.77% \$260,000	1.49%
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% \$10,066	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% \$5,871	1.25%
Total Investment Management Fees			0.46% \$10,043,435	0.71%



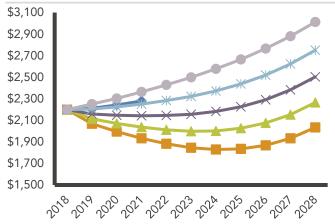
The charts below illustrate the impact hypothetical events would have on each of the alternative portfolios' market value over time (\$ Millions).

Equities Decline 15% Annually for 10 Years



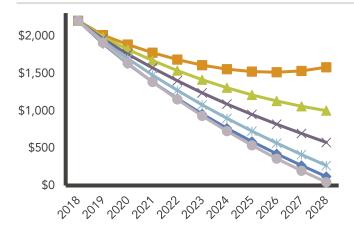
	2026	2027	2028
Current	\$339.5	\$176.3	\$24.8
Portfolio A	\$1,525.7	\$1,452.2	\$1,380.0
Portfolio B	\$1,092.5	\$964.4	\$837.2
Portfolio C	\$750.9	\$594.8	\$443.2
Portfolio D	\$479.8	\$314.0	\$157.7
Portfolio E	\$264.4	\$101.4	\$0.0

Interest Rates Rise 1% Annually for 10 Years



	2026	2027	2028
Current	\$2,619.2	\$2,735.9	\$2,875.9
Portfolio A	\$1,868.2	\$1,932.7	\$2,034.0
Portfolio B	\$2,075.2	\$2,153.3	\$2,265.5
Portfolio C	\$2,291.3	\$2,382.3	\$2,503.2
Portfolio D	\$2,520.0	\$2,623.3	\$2,750.7
Portfolio E	\$2,765.8	\$2,880.7	\$3,012.0

Perfect Storm for 10 Years



	2026	2027	2028
Current	\$422.4	\$267.0	\$119.1
Portfolio A	\$1,510.7	\$1,529.3	\$1,578.0
Portfolio B	\$1,126.8	\$1,057.1	\$998.2
Portfolio C	\$817.1	\$693.7	\$575.1
Portfolio D	\$565.1	\$412.8	\$266.7
Portfolio E	\$359.5	\$196.3	\$44.4

