



### **Chicago Park District**

Park Employees and Retirement Board Employees'

Annuity and Benefit Fund of Chicago

Executive Summary

March 31, 2020

Total Fund Composite Manager Status

Market Value: \$289.0 Million and 100.0% of Fund

Investment Manager	Asset Class	Status	Reason
Mesirow Core Fixed Income (Chicago Equity legacy)	Core Fixed Income	Alert	Organizational Issues
LM Capital	Core Fixed Income	In Compliance	
MacKay Shields	Core Fixed Income	In Compliance	
Ullico - W1	MBS Fixed Income	In Compliance	
NTGI Wilshire 5000	All-Cap Core	In Compliance	
Great Lakes	Large-Cap Value	In Compliance	
NTGI S&P 400	Mid-Cap Core	In Compliance	
Ariel	Smid-Cap Value	In Compliance	
NTGI ACWI ex. U.S.	Non-U.S. All-Cap Core	In Compliance	
Ativo International Equity ex US	Non-U.S. Large-Cap Core	In Compliance	
Denali Advisors	Non-U.S. Large-Cap Core	In Compliance	
William Blair	Non-U.S. Small-Cap Growth	In Compliance	
NTGI Emerging Markets	Emerging Markets	In Compliance	
Parametric	Long/Short Hedge Fund	In Compliance	
Trumbull Property Fund	Core Real Estate	Alert	Performance
Trumbull Income Fund	Core Real Estate	In Compliance	
Principal Enhanced Property Fund	Value-Added Real Estate	In Compliance	
HarbourVest VII - Buyout Fund	LBO Private Equity FoF	In Compliance	
HarbourVest VII - Mezzanine Fund	Mezz./Special Sit. Private Equity F	c In Compliance	
HarbourVest VII - Venture Fund	Venture Private Equity FoF	In Compliance	
HarbourVest 2017 - Global Fund	Global Divers. Private Equity FoF	In Compliance	
Mesirow Fund III	U.S. Private Equity FoF	In Compliance	
Mesirow Fund IV	U.S. Private Equity FoF	In Compliance	
Mesirow Fund IX	Private Equity Co-Investment	In Compliance	
NYLCAP Fund I	U.S. Private Equity FoF	In Compliance	
PineBridge V	U.S. Private Equity FoF	In Compliance	
Ullico - Infrastructure	Core Infrastructure	In Compliance	
IFM Global Infrastructure (U.S)	Global Infrastructure	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.

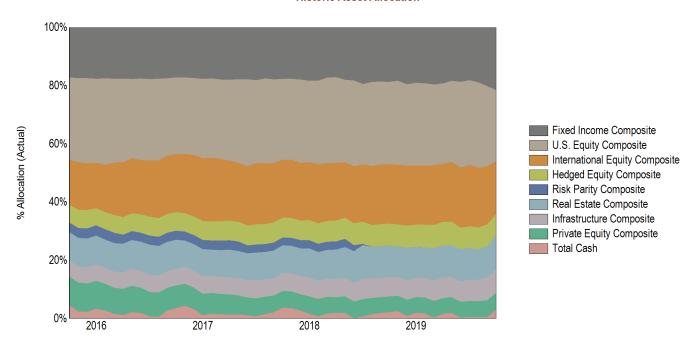
Market Value: \$289.0 Million and 100.0% of Fund

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	Asset Class	Market Value (\$)	3 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Total Fund Composite		289,024,630	657,564	100.0	100.0	0
Fixed Income Composite		61,889,638	-14,761	21.4	20.5	2,639,588
Mesirow Core Fixed Income (Chicago Equity legacy)	Core Fixed Income	18,485,978	-63	6.4	5.5	2,589,623
LM Capital	Core Fixed Income	17,101,669	-127	5.9	5.5	1,205,314
MacKay Shields	Core Fixed Income	17,709,775	-85	6.1	7.0	-2,521,949
Ullico - W1	MBS Fixed Income	8,592,216	-14,487	3.0	2.5	1,366,601
U.S. Equity Composite		70,896,871	-1,000,733	24.5	28.5	-11,475,149
NTGI Wilshire 5000	All-Cap Core	33,257,621	-1,000,000	11.5	12.5	-2,870,458
Great Lakes	Large-Cap Value	12,782,379	-419	4.4	5.0	-1,668,852
NTGI S&P 400	Mid-Cap Core	6,081,461	0	2.1	3.0	-2,589,278
Ariel	Smid-Cap Value	18,775,410	-314	6.5	8.0	-4,346,560
International Equity Composite		52,177,523	-1,421,362	18.1	20.0	-5,627,403
NTGI ACWI ex. U.S.	Non-U.S. All-Cap Core	17,079,445	0	5.9	7.0	-3,152,280
Ativo International Equity ex US	Non-U.S. Large-Cap Core	12,268,617	-21,362	4.2	4.0	707,632
Denali Advisors	Non-U.S. Large-Cap Core	3,890,000	0	1.3	2.0	-1,890,493
William Blair	Non-U.S. Small-Cap Growth	13,358,328	-1,400,000	4.6	5.0	-1,092,903
NTGI Emerging Markets	Emerging Markets	5,581,133	0	1.9	2.0	-199,359
Hedged Equity Composite		20,816,773	0	7.2	7.0	585,049
Parametric	Long/Short Hedge Fund	20,816,773	0	7.2	7.0	585,049
Real Estate Composite		33,887,641	-3,366,291	11.7	10.0	4,985,178
Trumbull Property Fund	Core Real Estate	10,569,383	-772,943	3.7	3.0	1,898,644
Trumbull Income Fund	Core Real Estate	10,084,786	-2,423,471	3.5	3.0	1,414,047
Principal Enhanced Property Fund	Value-Added Real Estate	13,233,472	-169,877	4.6	4.0	1,672,487
Infrastructure Composite		23,680,010	-54,382	8.2	7.0	3,448,286
Ullico - Infrastructure	Core Infrastructure	12,226,220	-54,382	4.2	3.5	2,110,358
IFM Global Infrastructure (U.S)	Global Infrastructure	11,453,791	0	4.0	3.5	1,337,929
Private Equity Composite		16,581,566	-442,425	5.7	7.0	-3,650,158
HarbourVest VII - Buyout Fund	LBO Private Equity FoF	592,283	-91,563	0.2		
HarbourVest VII - Mezzanine Fund	Mezz./Special Sit. Private Equity FoF	61,272	0	0.0		
HarbourVest VII - Venture Fund	Venture Private Equity FoF	1,037,358	-97,020	0.4		
HarbourVest 2017 - Global Fund	Global Divers. Private Equity FoF	3,517,109	243,750	1.2		
Mesirow Fund III	U.S. Private Equity FoF	982,606	0	0.3		
Mesirow Fund IV	U.S. Private Equity FoF	3,564,050	-100,000	1.2		
Mesirow Fund IX	Private Equity Co- Investment	158,316	0	0.1		
Mesirow Fund VII-A	U.S. Private Equity FoF	3,073,714	450,000	1.1		
NYLCAP Fund I	U.S. Private Equity FoF	2,298,543	-452,934	0.8		
PineBridge V	U.S. Private Equity FoF	1,296,316	-394,658	0.4		
Total Cash		9,094,607	6,957,519	3.1	0.0	9,094,607

### **Asset Allocation**

Market Value: \$289.0 Million and 100.0% of Fund

#### **Historic Asset Allocation**

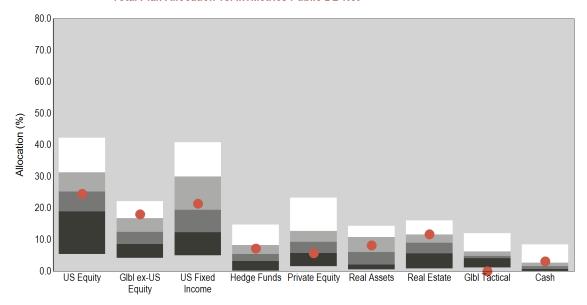


	Current	Policy	Difference	%
Fixed Income Composite	\$61,889,638	\$59,250,049	\$2,639,588	0.9%
U.S. Equity Composite	\$70,896,871	\$82,372,020	-\$11,475,149	-4.0%
International Equity Composite	\$52,177,523	\$57,804,926	-\$5,627,403	-1.9%
Hedged Equity Composite	\$20,816,773	\$20,231,724	\$585,049	0.2%
Real Estate Composite	\$33,887,641	\$28,902,463	\$4,985,178	1.7%
Infrastructure Composite	\$23,680,010	\$20,231,724	\$3,448,286	1.2%
Private Equity Composite	\$16,581,566	\$20,231,724	-\$3,650,158	-1.3%
Total Cash	\$9,094,607	\$0	\$9,094,607	3.1%
Total	\$289,024,630			

### **Asset Allocation**

Market Value: \$289.0 Million and 100.0% of Fund

#### Total Plan Allocation vs. InvMetrics Public DB Net



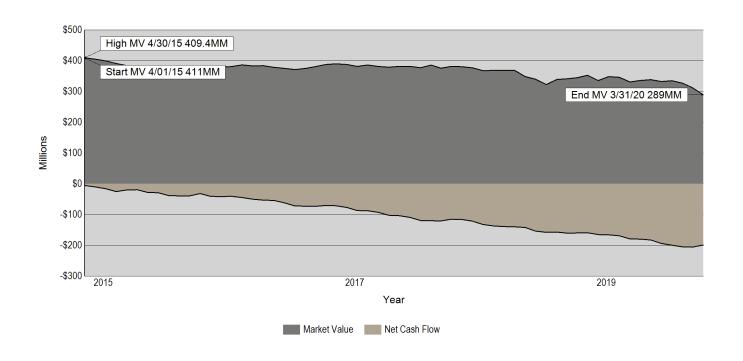
5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

Total Fund Composite

Allocati	on (Ran	k)															
42.3	•	22.2		40.8		14.7		23.3		14.4		16.1		12.0		8.5	
31.3		16.9		30.0		8.3		12.8		10.8		11.6		6.3		2.7	
25.2		12.4		19.5		5.5		9.3		6.1		9.0		4.9		1.6	
18.9		8.6		12.4		3.2		5.7		2.1		5.6		4.1		0.6	
5.5		4.2		5.1		0.1		1.6		0.5		0.9		1.2		0.1	
150		201		135		82		118		67		171		39		227	
24.5	(56)	10 1	(21)	21.4	(44)	7.2	(21)	5.7	(75)	0.2	(42)	117	(24)	0.0	(00)	2.1	(21)

### Market Value History

Market Value: \$289.0 Million and 100.0% of Fund



### **Summary of Cash Flows**

	Last Three Months	One Year	Three Years	Five Years
Beginning Market Value	\$334,809,712.34	\$344,715,511.91	\$387,545,212.58	\$411,024,622.14
Net Cash Flow	\$657,564.42	-\$38,814,478.56	-\$127,117,172.44	-\$196,590,446.28
Net Investment Change	-\$46,442,646.78	-\$16,876,403.37	\$28,596,589.84	\$74,590,454.12
Ending Market Value	\$289,024,629.98	\$289,024,629.98	\$289,024,629.98	\$289,024,629.98

## Annualized Performance (Net of Fees)

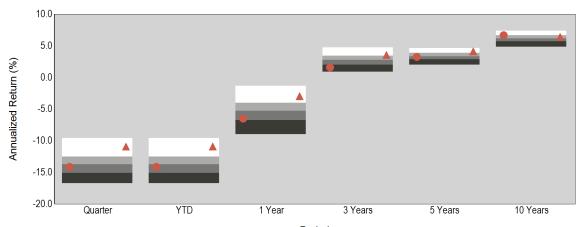
Market Value: \$289.0 Million and 100.0% of Fund

	1 Mo	3 Mo	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Total Fund Composite	-9.5%	-14.2%	-6.5%	-2.4%	1.6%	4.0%	3.2%	5.4%	6.7%
Policy Benchmark	-7.4%	-10.9%	-2.9%	0.6%	3.6%	5.1%	4.1%	5.6%	6.4%
InvMetrics Public DB Net Rank	52	56	72	88	87	80	55	35	26
Fixed Income Composite	-0.7%	2.8%	7.7%	5.9%	4.3%	3.4%	3.1%	3.1%	3.9%
BBgBarc US Aggregate TR	-0.6%	3.1%	8.9%	6.7%	4.8%	3.7%	3.4%	3.2%	3.9%
InvMetrics Public DB Total Fix Inc Net Rank	16	10	10	12	11	39	32	24	52
U.S. Equity Composite	-17.6%	-26.5%	-17.0%	-7.9%	-2.0%	2.8%	1.8%	6.2%	8.4%
Dow Jones U.S. Total Stock Market	-13.8%	-21.0%	-9.3%	-0.7%	3.9%	7.3%	5.7%	8.9%	10.1%
InvMetrics Public DB US Eq Net Rank	96	97	95	98	99	99	98	91	82
International Equity Composite	-16.2%	-24.5%	-15.3%	-11.4%	-2.4%	1.8%	0.4%	1.7%	2.9%
MSCI ACWI ex USA	-14.5%	-23.4%	-15.6%	-10.1%	-2.0%	1.6%	-0.6%	1.1%	2.1%
InvMetrics Public DB ex-US Eq Net Rank	57	53	35	53	48	26	20	31	37
Hedged Equity Composite	-10.4%	-16.1%	-8.8%	-1.7%	0.5%	3.3%	-0.3%	2.6%	3.2%
HFRX Equity Hedge Index	-9.6%	-13.3%	-9.4%	-7.3%	-2.4%	-0.4%	-1.8%	0.0%	-0.3%
InvMetrics Public DB Hedge Funds Net Rank	81	90	79	52	47	25	65	51	39
Real Estate Composite	0.5%	0.5%	2.5%	4.5%	5.4%	6.0%	7.4%	8.8%	10.3%
NFI	0.2%	0.8%	3.9%	5.2%	5.9%	6.2%	7.5%	8.9%	10.4%
InvMetrics All DB Real Estate Priv Net Rank	63	68	85	82	74	63	53	60	47
Infrastructure Composite	-2.4%	-2.8%	6.1%	8.1%	10.3%	10.1%	9.7%		
CPI +4%	0.1%	1.4%	5.6%	5.8%	6.0%	6.1%	5.9%	5.5%	5.8%
Private Equity Composite	-7.4%	-7.4%	-2.5%	2.0%	5.3%	6.5%	6.6%	9.4%	10.3%
Cambridge Associates All PE	-3.0%	-8.6%	0.4%	6.0%	9.8%	10.8%	9.8%	11.3%	12.0%

### Annualized Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

#### **InvMetrics Public DB Net Return Comparison**



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

Total Fund Composite
Policy Benchmark

		Pe	eriod			
Return						
-9.6	-9.6	-1.3	4.7	4.6	7.4	
-12.5	-12.5	-4.0	3.4	3.9	6.7	
-13.8	-13.8	-5.3	2.8	3.3	6.2	
-15.1	-15.1	-6.7	2.0	2.9	5.7	
-16.7	-16.7	-9.0	0.9	2.0	4.9	
546	546	545	528	488	411	
-14.2	-14.2	-6.5	1.6	3.2	6.7	
-10.9	-10.9	-2.9	3.6	4.1	6.4	

# Calendar Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Total Fund Composite	17.0%	-5.2%	14.4%	8.4%	2.0%	7.3%	17.6%	11.3%	2.3%	13.5%	15.6%
Policy Benchmark	17.0%	-3.1%	14.2%	6.9%	1.5%	6.7%	14.6%	11.1%	0.2%	12.5%	14.8%
InvMetrics Public DB Net Rank	82	73	56	21	4	9	22	60	12	24	68
Fixed Income Composite	7.7%	0.0%	3.4%	2.5%	0.9%	5.5%	-1.1%	4.8%	7.7%	6.8%	16.7%
BBgBarc US Aggregate TR	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%
InvMetrics Public DB Total Fix Inc Net Rank	70	42	71	69	27	18	44	59	18	69	25
U.S. Equity Composite	28.8%	-11.5%	18.1%	14.0%	-0.4%	11.6%	35.8%	16.0%	0.5%	20.6%	36.8%
Dow Jones U.S. Total Stock Market	30.9%	-5.3%	21.2%	12.6%	0.4%	12.5%	33.5%	16.4%	1.1%	17.5%	28.6%
InvMetrics Public DB US Eq Net Rank	83	99	91	25	57	30	17	47	51	19	7
International Equity Composite	24.2%	-16.5%	28.4%	9.7%	-4.9%	-4.9%	17.7%	17.3%	-12.3%	10.6%	42.1%
MSCI ACWI ex USA	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%	-13.7%	11.2%	41.4%
InvMetrics Public DB ex-US Eq Net Rank	18	75	48	2	68	77	42	66	26	67	16
Hedged Equity Composite	16.3%	-2.9%	10.1%	2.9%	-4.4%	4.9%	17.4%	9.3%	-4.8%	6.7%	12.1%
HFRX Equity Hedge Index	10.7%	-9.4%	10.0%	0.1%	-2.3%	1.4%	11.1%	4.8%	-19.1%	8.9%	13.1%
InvMetrics Public DB Hedge Funds Net Rank	2	67	16	34	88	33	6	9	96	55	65
Real Estate Composite	3.1%	7.5%	6.4%	8.9%	14.3%	11.5%	12.0%	10.6%	14.2%	15.7%	-29.4%
NFI	4.4%	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%
InvMetrics All DB Real Estate Priv Net Rank	85	41	54	14	36	50	51	42	49	31	57
Infrastructure Composite	10.9%	15.3%	10.9%	9.2%		-					
CPI +4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%
Private Equity Composite	7.0%	6.0%	14.9%	6.1%	10.7%	14.8%	18.4%	8.7%	10.6%	17.1%	5.8%
Cambridge Associates All PE	15.0%	10.1%	19.1%	9.9%	7.2%	11.3%	20.7%	12.7%	8.2%	19.7%	14.1%



# Annualized Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

	1 Mo	3 Mo	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Total Fund Composite	-9.5%	-14.2%	-6.5%	-2.4%	1.6%	4.0%	3.2%	5.4%	6.7%
Policy Benchmark	-7.4%	-10.9%	-2.9%	0.6%	3.6%	5.1%	4.1%	5.6%	6.4%
InvMetrics Public DB Net Rank	52	56	72	88	87	80	55	35	26
Fixed Income Composite	-0.7%	2.8%	7.7%	5.9%	4.3%	3.4%	3.1%	3.1%	3.9%
BBgBarc US Aggregate TR	-0.6%	3.1%	8.9%	6.7%	4.8%	3.7%	3.4%	3.2%	3.9%
InvMetrics Public DB Total Fix Inc Net Rank	16	10	10	12	11	39	32	24	52
Mesirow Core Fixed Income (Chicago Equity legacy)	2.1%	6.8%	11.6%	7.9%	5.4%	3.7%	3.4%	3.0%	3.7%
BBgBarc US Aggregate TR	-0.6%	3.1%	8.9%	6.7%	4.8%	3.7%	3.4%	3.2%	3.9%
BBgBarc US Universal TR	-2.0%	1.3%	7.2%	5.8%	4.4%	3.8%	3.4%	3.2%	4.0%
eV US Core Fixed Inc Net Rank	1	1	1	2	3	36	31	56	74
LM Capital	-1.8%	1.9%	7.1%	5.6%	4.1%	3.2%	3.1%	3.0%	3.8%
BBgBarc US Aggregate TR	-0.6%	3.1%	8.9%	6.7%	4.8%	3.7%	3.4%	3.2%	3.9%
eV US Core Fixed Inc Net Rank	48	44	57	61	73	74	64	61	69
MacKay Shields	-2.7%	1.0%	6.6%	5.3%	4.0%	3.3%	2.9%	3.0%	4.1%
BBgBarc US Aggregate TR	-0.6%	3.1%	8.9%	6.7%	4.8%	3.7%	3.4%	3.2%	3.9%
eV US Core Fixed Inc Net Rank	67	69	68	75	76	66	73	65	44
Ullico - W1	-0.3%	0.5%	3.5%	3.6%	3.5%	3.2%	3.1%	3.1%	3.0%
BBgBarc US Mortgage TR	1.1%	2.8%	7.0%	5.7%	4.0%	3.1%	2.9%	2.9%	3.3%
eV US Securitized Fixed Inc Net Rank	29	39	41	40	28	17	11	19	90
U.S. Equity Composite	-17.6%	-26.5%	-17.0%	-7.9%	-2.0%	2.8%	1.8%	6.2%	8.4%
Dow Jones U.S. Total Stock Market	-13.8%	-21.0%	-9.3%	-0.7%	3.9%	7.3%	5.7%	8.9%	10.1%
InvMetrics Public DB US Eq Net Rank	96	97	95	98	99	99	98	91	82
NTGI Wilshire 5000	-13.8%	-20.9%	-9.2%	-0.6%	4.0%	7.4%	5.8%	9.0%	10.3%
Wilshire 5000 Total Market	-13.6%	-20.7%	-8.9%	-0.4%	4.1%	7.5%	6.0%	9.1%	10.2%
eV US All Cap Core Equity Net Rank	56	57	50	41	35	26	25	26	19
Great Lakes	-16.4%	-27.5%	-16.5%	-7.6%	-2.9%	1.9%	1.9%	5.4%	7.9%
Russell 1000 Value	-17.1%	-26.7%	-17.2%	-6.4%	-2.2%	2.8%	1.9%	5.6%	7.7%
eV US Large Cap Value Equity Net Rank	45	63	48	57	66	69	52	53	34
NTGI S&P 400	-20.2%	-29.7%	-22.5%	-10.8%					
S&P 400 MidCap	-20.2%	-29.7%	-22.5%	-10.8%	-4.1%	1.6%	0.6%	4.9%	7.9%
eV US Mid Cap Core Equity Net Rank	68	71	75	66					
Ariel	-23.6%	-33.4%	-28.0%	-15.4%	-7.9%	-1.6%	-2.9%	3.6%	6.2%
Russell 2500 Value	-24.9%	-34.6%	-28.6%	-14.7%	-8.4%	-1.4%	-2.1%	2.2%	5.6%
eV US Small-Mid Cap Value Equity Net Rank	49	44	57	57	48	55	56	23	36

# Annualized Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

	1 Mo	3 Mo	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
International Equity Composite	-16.2%	-24.5%	-15.3%	-11.4%	-2.4%	1.8%	0.4%	1.7%	2.9%
MSCI ACWI ex USA	-14.5%	-23.4%	-15.6%	-10.1%	-2.0%	1.6%	-0.6%	1.1%	2.1%
InvMetrics Public DB ex-US Eq Net Rank	57	53	35	53	48	26	20	31	37
NTGI ACWI ex. U.S.	-14.8%	-23.1%	-15.1%	-9.9%	-1.6%	2.0%	-0.3%	1.4%	2.4%
MSCI ACWI ex USA	-14.5%	-23.4%	-15.6%	-10.1%	-2.0%	1.6%	-0.6%	1.1%	2.1%
eV ACWI ex-US Core Equity Net Rank	39	41	51	38	49	37	57	60	72
Ativo International Equity ex US	-16.2%	-24.6%	-15.6%	-					
MSCI EAFE	-13.3%	-22.8%	-14.4%	-9.2%	-1.8%	1.4%	-0.6%	1.8%	2.7%
eV EAFE Large Cap Core Net Rank	81	79	56						
Denali Advisors	-19.5%	-29.2%	-27.0%						
MSCI EAFE	-13.3%	-22.8%	-14.4%	-9.2%	-1.8%	1.4%	-0.6%	1.8%	2.7%
eV EAFE Large Cap Core Net Rank	99	99	99		-	-			-
William Blair	-17.0%	-25.0%	-10.7%	-12.3%	-2.1%	-0.2%	0.5%	2.1%	
MSCI EAFE Small Cap	-17.2%	-27.5%	-18.1%	-13.9%	-2.9%	0.4%	1.0%	3.3%	4.8%
MSCI ACWI ex US Small Cap	-19.3%	-29.0%	-21.2%	-15.5%	-4.9%	-0.9%	-0.8%	1.1%	2.8%
Foreign Small/Mid Growth MStar MF Rank	58	53	26	54	69	78	72	79	
NTGI Emerging Markets	-16.0%	-23.9%	-18.0%	-13.2%	-1.8%	2.6%	-0.8%		
MSCI Emerging Markets	-15.4%	-23.6%	-17.7%	-12.7%	-1.6%	2.8%	-0.4%	-0.4%	0.7%
eV Emg Mkts Equity Net Rank	33	39	43	38	36	40	49		
Hedged Equity Composite	-10.4%	-16.1%	-8.8%	-1.7%	0.5%	3.3%	-0.3%	2.6%	3.2%
HFRX Equity Hedge Index	-9.6%	-13.3%	-9.4%	-7.3%	-2.4%	-0.4%	-1.8%	0.0%	-0.3%
InvMetrics Public DB Hedge Funds Net Rank	81	90	79	52	47	25	65	51	39
Parametric	-10.4%	-16.1%	-8.8%	-1.7%	0.9%		-		
S&P 500	-12.4%	-19.6%	-7.0%	0.9%	5.1%	8.0%	6.7%	9.6%	10.5%
HFRX Equity Hedge Index	-9.6%	-13.3%	-9.4%	-7.3%	-2.4%	-0.4%	-1.8%	0.0%	-0.3%

## Annualized Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

	1 Mo	3 Mo	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Real Estate Composite	0.5%	0.5%	2.5%	4.5%	5.4%	6.0%	7.4%	8.8%	10.3%
NFI	0.2%	0.8%	3.9%	5.2%	5.9%	6.2%	7.5%	8.9%	10.4%
InvMetrics All DB Real Estate Priv Net Rank	63	68	85	82	74	63	53	60	47
Trumbull Property Fund	0.2%	0.2%	-3.2%	0.7%	2.5%	3.0%	4.5%	6.2%	8.0%
NFI	0.2%	0.8%	3.9%	5.2%	5.9%	6.2%	7.5%	8.9%	10.4%
Trumbull Income Fund	0.4%	0.4%	4.4%	5.3%	5.3%	5.5%	6.4%	7.4%	9.3%
NFI	0.2%	0.8%	3.9%	5.2%	5.9%	6.2%	7.5%	8.9%	10.4%
Principal Enhanced Property Fund	0.7%	0.7%	5.9%	7.1%	8.1%	9.2%	11.2%	12.4%	13.4%
NFI	0.2%	0.8%	3.9%	5.2%	5.9%	6.2%	7.5%	8.9%	10.4%
Infrastructure Composite	-2.4%	-2.8%	6.1%	8.1%	10.3%	10.1%	9.7%		
CPI +4%	0.1%	1.4%	5.6%	5.8%	6.0%	6.1%	5.9%	5.5%	5.8%
Ullico - Infrastructure	-1.6%	-1.6%	5.0%	6.3%	8.0%	8.0%	8.3%		
CPI +4%	0.1%	1.4%	5.6%	5.8%	6.0%	6.1%	5.9%	5.5%	5.8%
IFM Global Infrastructure (U.S)	-3.3%	-3.9%	7.3%	10.2%	12.7%	12.4%			
CPI +4%	0.1%	1.4%	5.6%	5.8%	6.0%	6.1%	5.9%	5.5%	5.8%
Private Equity Composite	-7.4%	-7.4%	-2.5%	2.0%	5.3%	6.5%	6.6%	9.4%	10.3%
Cambridge Associates All PE	-3.0%	-8.6%	0.4%	6.0%	9.8%	10.8%	9.8%	11.3%	12.0%

# Calendar Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Total Fund Composite	17.0%	-5.2%	14.4%	8.4%	2.0%	7.3%	17.6%	11.3%	2.3%	13.5%	15.6%
Policy Benchmark	17.0%	-3.1%	14.2%	6.9%	1.5%	6.7%	14.6%	11.1%	0.2%	12.5%	14.8%
InvMetrics Public DB Net Rank	82	73	56	21	4	9	22	60	12	24	68
Fixed Income Composite	7.7%	0.0%	3.4%	2.5%	0.9%	5.5%	-1.1%	4.8%	7.7%	6.8%	16.7%
BBgBarc US Aggregate TR	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%
InvMetrics Public DB Total Fix Inc Net Rank	70	42	71	69	27	18	44	59	18	69	25
Mesirow Core Fixed Income (Chicago Equity legacy)	7.0%	0.5%	2.6%	1.0%	0.6%	5.8%	-3.0%	2.4%	9.0%	6.6%	
BBgBarc US Aggregate TR	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%
BBgBarc US Universal TR	9.3%	-0.3%	4.1%	3.9%	0.4%	5.6%	-1.3%	5.5%	7.4%	7.2%	8.6%
eV US Core Fixed Inc Net Rank	94	14	93	99	42	46	97	98	3	71	
LM Capital	9.0%	-1.2%	3.7%	2.8%	1.3%	5.8%	-1.8%	5.4%	7.5%	5.6%	
BBgBarc US Aggregate TR	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%
eV US Core Fixed Inc Net Rank	50	93	59	61	9	42	52	60	37	94	
MacKay Shields	8.8%	-0.6%	4.0%	3.3%	0.2%	5.9%	-1.3%	6.6%	8.0%	8.2%	12.0%
BBgBarc US Aggregate TR	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%	4.2%	7.8%	6.5%	5.9%
eV US Core Fixed Inc Net Rank	61	77	37	44	75	41	29	34	17	13	26
Ullico - W1	4.1%	3.4%	3.1%	2.8%	2.4%	3.2%	3.6%	3.2%	3.0%	1.3%	
BBgBarc US Mortgage TR	6.4%	1.0%	2.5%	1.7%	1.5%	6.1%	-1.4%	2.6%	6.2%	5.4%	5.9%
eV US Securitized Fixed Inc Net Rank	91	14	59	42	15	93	17	74	78	99	
U.S. Equity Composite	28.8%	-11.5%	18.1%	14.0%	-0.4%	11.6%	35.8%	16.0%	0.5%	20.6%	36.8%
Dow Jones U.S. Total Stock Market	30.9%	-5.3%	21.2%	12.6%	0.4%	12.5%	33.5%	16.4%	1.1%	17.5%	28.6%
InvMetrics Public DB US Eq Net Rank	83	99	91	25	57	30	17	47	51	19	7
NTGI Wilshire 5000	31.0%	-5.2%	21.2%	12.8%	0.5%	12.6%	33.5%	17.0%	1.4%	17.3%	30.2%
Wilshire 5000 Total Market	31.0%	-5.3%	21.0%	13.4%	0.7%	12.7%	33.1%	16.1%	1.0%	17.2%	28.3%
eV US All Cap Core Equity Net Rank	43	40	42	22	34	24	41	24	30	36	24
Great Lakes	27.9%	-12.4%	17.6%	16.0%	-1.0%	11.0%	34.4%	15.3%	2.9%	18.4%	24.4%
Russell 1000 Value	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%	32.5%	17.5%	0.4%	15.5%	19.7%
eV US Large Cap Value Equity Net Rank	36	78	40	28	28	58	42	50	26	10	48
NTGI S&P 400	26.3%	-11.0%		-		-					
S&P 400 MidCap	26.2%	-11.1%	16.2%	20.7%	-2.2%	9.8%	33.5%	17.9%	-1.7%	26.6%	37.4%
eV US Mid Cap Core Equity Net Rank	78	51					-	-	-	-	
Ariel	26.5%	-14.2%	15.5%	12.4%	-1.5%	12.9%	41.2%	18.6%	-9.3%	26.0%	62.9%
Russell 2500 Value	23.6%	-12.4%	10.4%	25.2%	-5.5%	7.1%	33.3%	19.2%	-3.4%	24.8%	27.7%
eV US Small-Mid Cap Value Equity Net Rank	46	53	27	91	25	6	13	17	96	28	14



# Calendar Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
International Equity Composite	24.2%	-16.5%	28.4%	9.7%	-4.9%	-4.9%	17.7%	17.3%	-12.3%	10.6%	42.1%
MSCI ACWI ex USA	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%	-13.7%	11.2%	41.4%
InvMetrics Public DB ex-US Eq Net Rank	18	75	48	2	68	77	42	66	26	67	16
NTGI ACWI ex. U.S.	21.8%	-13.7%	27.2%	4.8%	-5.4%	-3.7%	15.7%	17.3%	-13.5%	11.3%	42.0%
MSCI ACWI ex USA	21.5%	-14.2%	27.2%	4.5%	-5.7%	-3.9%	15.3%	16.8%	-13.7%	11.2%	41.4%
eV ACWI ex-US Core Equity Net Rank	64	29	68	22	84	54	89	58	57	76	29
Ativo International Equity ex US	24.2%										
MSCI EAFE	22.0%	-13.8%	25.0%	1.0%	-0.8%	-4.9%	22.8%	17.3%	-12.1%	7.8%	31.8%
eV EAFE Large Cap Core Net Rank	35										
Denali Advisors	10.3%						-			-	
MSCI EAFE	22.0%	-13.8%	25.0%	1.0%	-0.8%	-4.9%	22.8%	17.3%	-12.1%	7.8%	31.8%
eV EAFE Large Cap Core Net Rank	99										
William Blair	34.3%	-24.2%	32.7%	-4.3%	10.0%	-7.9%	26.5%	21.4%			
MSCI EAFE Small Cap	25.0%	-17.9%	33.0%	2.2%	9.6%	-4.9%	29.3%	20.0%	-15.9%	22.0%	46.8%
MSCI ACWI ex US Small Cap	22.4%	-18.2%	31.6%	3.9%	2.6%	-4.0%	19.7%	18.5%	-18.5%	25.2%	62.9%
Foreign Small/Mid Growth MStar MF Rank	10	86	74	57	39	75	56	69			
NTGI Emerging Markets	18.5%	-14.7%	37.1%	11.2%		_	-			-	
MSCI Emerging Markets	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%	18.2%	-18.4%	18.9%	78.5%
eV Emg Mkts Equity Net Rank	57	32	51	34							
Hedged Equity Composite	16.3%	-2.9%	10.1%	2.9%	-4.4%	4.9%	17.4%	9.3%	-4.8%	6.7%	12.1%
HFRX Equity Hedge Index	10.7%	-9.4%	10.0%	0.1%	-2.3%	1.4%	11.1%	4.8%	-19.1%	8.9%	13.1%
InvMetrics Public DB Hedge Funds Net Rank	2	67	16	34	88	33	6	9	96	55	65
Parametric	16.3%	-2.9%									
S&P 500	31.5%	-4.4%	21.8%	12.0%	1.4%	13.7%	32.4%	16.0%	2.1%	15.1%	26.5%
HFRX Equity Hedge Index	10.7%	-9.4%	10.0%	0.1%	-2.3%	1.4%	11.1%	4.8%	-19.1%	8.9%	13.1%

# Calendar Performance (Net of Fees)

Market Value: \$289.0 Million and 100.0% of Fund

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Real Estate Composite	3.1%	7.5%	6.4%	8.9%	14.3%	11.5%	12.0%	10.6%	14.2%	15.7%	-29.4%
NFI	4.4%	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%
InvMetrics All DB Real Estate Priv Net Rank	85	41	54	14	36	50	51	42	49	31	57
Trumbull Property Fund	-3.0%	6.0%	5.3%	5.7%	11.8%	10.3%	9.2%	8.9%	12.4%	15.8%	-23.0%
NFI	4.4%	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%
Trumbull Income Fund	5.1%	6.8%	4.5%	7.6%	10.2%	10.3%	8.5%	10.3%	13.4%	19.5%	-19.3%
NFI	4.4%	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%
Principal Enhanced Property Fund	6.8%	9.5%	9.3%	13.5%	20.3%	13.8%	17.9%	12.6%	16.7%	12.5%	-43.7%
NFI	4.4%	7.4%	6.7%	7.8%	13.9%	11.5%	12.9%	9.8%	15.0%	15.3%	-30.4%
Infrastructure Composite	10.9%	15.3%	10.9%	9.2%		-	-		-		
CPI +4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%
Ullico - Infrastructure	7.7%	12.8%	7.2%	8.3%					-	-	
CPI +4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%
IFM Global Infrastructure (U.S)	14.6%	18.2%	14.7%	10.1%					-	-	
CPI +4%	6.4%	6.0%	6.2%	6.2%	4.8%	4.8%	5.6%	5.8%	7.1%	5.6%	6.8%
Private Equity Composite	7.0%	6.0%	14.9%	6.1%	10.7%	14.8%	18.4%	8.7%	10.6%	17.1%	5.8%
Cambridge Associates All PE	15.0%	10.1%	19.1%	9.9%	7.2%	11.3%	20.7%	12.7%	8.2%	19.7%	14.1%



# Private Equity Statistics

As of March 31, 2020

### **Annualized Performance**

Asset Class	Fund Company	Vintage Yr.	Perf. as of:	Net IRR
Buy-Out	HarbourVest VII - Buyout Fund	2003	3/31/2020	8.9%
Venture Capital	HarbourVest VII - Venture Fund	2003	3/31/2020	6.8%
Mezzanine	HarbourVest VII - Mezzanine	2003	3/31/2020	6.5%
Private Equity Diversified	Mesirow Fund III	2005	3/31/2020	8.0%
Private Equity Co-Invest	Mesirow Fund IX	2005	3/31/2020	-7.0%
Private Equity Diversified	Mesirow Fund IV	2008	3/31/2020	9.9%
Private Equity Specialized	PineBridge V	2008	3/31/2020	6.0%
Private Equity Specialized	NYLCAP Fund I	2008	3/31/2020	15.5%
Private Equity Diversified	HarbourVest 2017 Global Fund	2017	3/31/2020	6.7%
Private Equity Diversified	Mesirow Prviate Equity Fund VII-A	2017	3/31/2020	-5.1%
Total Private Equity				8.3%

### **Since Inception Cash Flows**

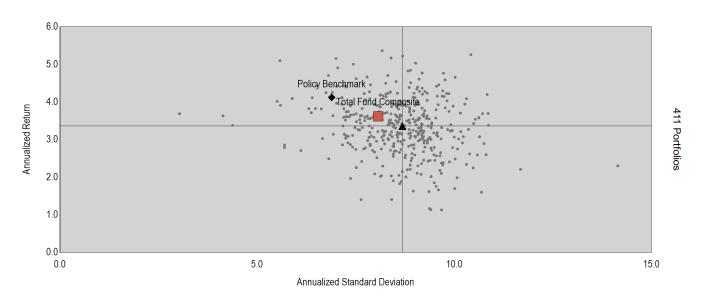
Asset Class	Fund Company	Commitment	Capital Calls	Distributions	Ending Value	<sup>1</sup> Cash Multiple
Buy-Out	HarbourVest VII - Buyout Fund	\$24,500,000	\$23,152,500	\$38,219,079	\$592,283	1.7
Venture Capital	HarbourVest VII - Venture Fund	\$7,000,000	\$6,877,500	\$10,077,616	\$1,037,358	1.6
Mezzanine	HarbourVest VII - Mezzanine	\$3,500,000	\$3,290,000	\$4,759,197	\$61,272	1.5
Private Equity Diversified	Mesirow Fund III	\$7,000,000	\$6,720,000	\$10,187,320	\$982,606	1.7
Private Equity Co-Invest	Mesirow Fund IX	\$3,000,000	\$2,865,000	\$1,422,792	\$158,316	0.6
Private Equity Diversified	Mesirow Fund IV	\$10,000,000	\$9,586,893	\$12,804,380	\$3,564,050	1.7
Private Equity Specialized	PineBridge V	\$10,000,000	\$8,747,716	\$11,430,615	\$1,296,316	1.5
Private Equity Specialized	NYLCAP Fund I	\$10,000,000	\$11,476,303	\$19,293,864	\$2,298,543	1.9
Private Equity Diversified	HarbourVest 2017 Global Fund	\$7,500,000	\$3,678,337	\$521,831	\$3,517,109	1.1
Private Equity Diversified	Mesirow Prviate Equity Fund VII-A	\$7,500,000	\$3,230,128	\$0	\$3,073,714	1.0
Total Private Equity		\$90,000,000	\$79,624,377	\$108,716,694	\$16,581,567	1.6

<sup>&</sup>lt;sup>1</sup> Calculated as the sum of the distributions and ending value divided by the amount of all capital calls.

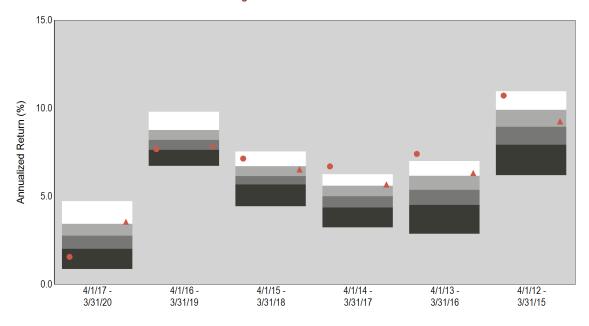
## Total Fund vs. Peer Universe

Market Value: \$289.0 Million and 100.0% of Fund

# Annualized Return vs. Annualized Standard Deviation 5 Years Ending March 31, 2020



#### **Rolling 3 Year Returns**



	Return (Rank)					
5th Percentile	4.7	9.8	7.5	6.3	7.0	11.0
25th Percentile	3.4	8.8	6.7	5.6	6.2	9.9
Median	2.8	8.2	6.2	5.0	5.4	8.9
75th Percentile	2.0	7.6	5.7	4.4	4.5	7.9
95th Percentile	0.9	6.7	4.5	3.2	2.9	6.2
# of Portfolios	528	536	253	244	236	215
<ul><li>Total Fund Composite</li><li>Policy Benchmark</li></ul>	1.6 (87) 3.6 (22)	7.7 (74) 7.9 (64)	7.2 (12) 6.5 (32)	6.7 (1) 5.7 (24)	7.4 (3) 6.3 (21)	10.7 (7) 9.3 (42)

Investment Manager Statistics

Market Value: \$289.0 Million and 100.0% of Fund

### 5 Years Ending March 31, 2020

	Sharpe Ratio	Tracking Error	Anlzd Alpha	Beta	R-Squared	Information Ratio	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Fixed Income Composite	0.9	0.5%	0.6%	0.9	1.0	0.2	2.7%	90.7%	78.3%
BBgBarc US Aggregate TR	0.7						3.1%		
Mesirow Core Fixed Income (Chicago Equity legacy)	0.7	1.5%	0.1%	1.0	0.8	0.2	3.5%	99.5%	89.4%
BBgBarc US Aggregate TR	0.7						3.1%	-	
LM Capital	0.7	0.9%	0.1%	0.9	0.9	-0.2	3.0%	96.4%	98.2%
BBgBarc US Aggregate TR	0.7						3.1%		
MacKay Shields	0.7	1.0%	-0.1%	1.0	0.9	-0.1	3.3%	102.5%	107.1%
BBgBarc US Aggregate TR	0.7						3.1%		
Ullico - W1	5.4	2.0%	3.5%	0.1	0.2	0.4	0.5%	59.3%	-67.1%
BBgBarc US Mortgage TR	0.8						2.1%		
U.S. Equity Composite	0.1	3.3%	-4.4%	1.1	1.0	-1.1	16.3%	97.3%	112.5%
Dow Jones U.S. Total Stock Market	0.3			-	-		14.2%	-	
NTGI Wilshire 5000	0.3	0.3%	-0.2%	1.0	1.0	-0.7	14.2%	99.6%	100.6%
Wilshire 5000 Total Market	0.3						14.1%		
Great Lakes	0.1	3.4%	0.2%	1.0	1.0	0.1	15.9%	110.8%	103.5%
Russell 1000 Value	0.1			-			14.8%		
Ariel	-0.2	6.5%	-0.1%	1.0	0.9	0.0	20.3%	103.1%	101.3%
Russell 2500 Value	-0.2			-	-		18.6%	-	
International Equity Composite	0.0	2.2%	1.1%	1.0	1.0	0.5	15.3%	108.0%	99.5%
MSCI ACWI ex USA	-0.1						14.5%		
NTGI ACWI ex. U.S.	-0.1	1.0%	0.3%	1.0	1.0	0.3	14.5%	100.4%	99.2%
MSCI ACWI ex USA	-0.1						14.5%		
William Blair	0.0	3.6%	-0.5%	1.0	0.9	-0.1	15.6%	99.6%	101.3%
MSCI EAFE Small Cap	0.0						15.5%		
NTGI Emerging Markets	-0.1	1.4%	-0.4%	1.0	1.0	-0.3	17.7%	98.8%	100.5%
MSCI Emerging Markets	-0.1						17.6%		
Hedged Equity Composite	-0.2	3.9%	1.7%	1.1	0.8	0.4	8.9%	125.0%	99.9%
HFRX Equity Hedge Index	-0.4						7.3%		
Real Estate Composite	1.9	3.8%	-0.6%	1.2	0.1	0.3	4.0%	117.3%	
NFI	8.5					110.5	0.9%		
Trumbull Property Fund	1.2	3.5%	-5.4%	1.5	0.1	-0.5	3.7%	72.5%	
NFI	8.5					110.5	0.9%		
Trumbull Income Fund	1.9	3.2%	2.5%	0.7	0.0	0.0	3.3%	99.7%	
NFI	8.5					110.5	0.9%		
Principal Enhanced Property Fund	2.0	5.5%	0.8%	1.6	0.1	0.9	5.6%	183.9%	
NFI	8.5					110.5	0.9%		
Infrastructure Composite	1.7	5.6%	11.0%	-0.1	0.0	0.9	5.5%	190.7%	-7,695.0%



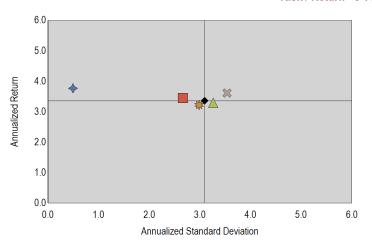
## **Fixed Income Composite**

### Characteristics

As of March 31, 2020

Market Value: \$61.9 Million and 21.4% of Fund

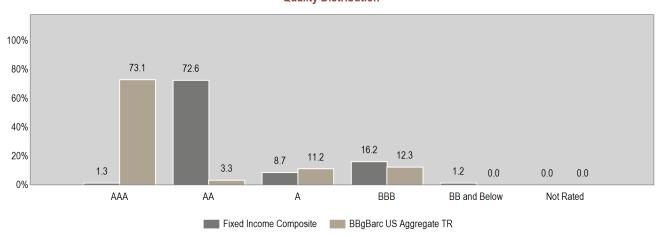
#### Risk / Return - 5 Years



- Fixed Income Composite
- Mesirow Core Fixed Income (Chicago Equity legacy)
- LM Capital
- MacKay Shields
- Ullico W1
- BBgBarc US Aggregate TR

Ch	naracteristics			Sector			Maturity
	Portfolio	Index		Portfolio	Index		Q1-20
	Q1-20	Q1-20		Q1-20	Q1-20	<1 Year	0.9%
Yield to Maturity	1.8%	1.7%	UST/Agency	41.7%	43.4%	1-3 Years	17.1%
Avg. Eff. Maturity	8.2 yrs.	8.2 yrs.	Corporate	25.7%	24.1%	3-5 Years	30.9%
Avg. Duration	6.5 yrs.	6.4 yrs.	MBS	28.4%	28.7%	5-7 Years	18.1%
Avg. Quality	AA		ABS	0.1%	0.4%	7-10 Years	16.8%
			Foreign	0.6%		10-15 Years	0.4%
Davies		Number Of	Muni			15-20 Years	4.4%
Region		Assets	Other	3.5%		>20 Years	11.5%
North America ex U.S.		2				Not Rated/Cash	0.0%
United States		411					
Europe Ex U.K.		2					
United Kingdom		2					
Other		1					
Total		418					

#### **Quality Distribution**

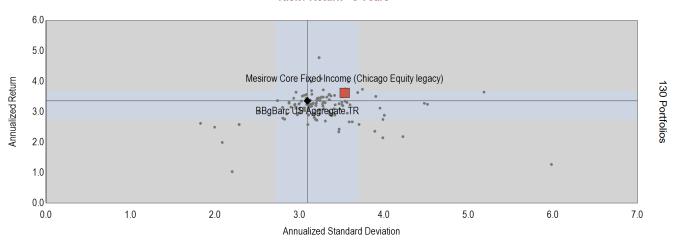


Chicago Equity Characteristics

As of March 31, 2020

Market Value: \$18.5 Million and 6.4% of Fund

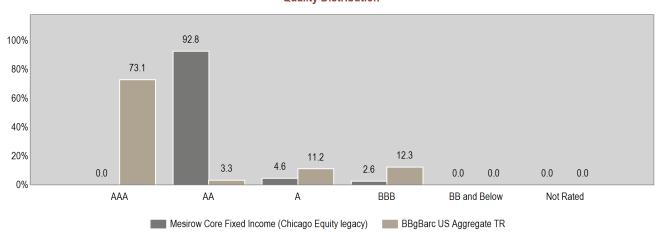
#### Risk / Return - 5 Years



Cha	racteristics			Sector			Maturity
	Portfolio	Index		Portfolio	Index		Q1-20
	Q1-20	Q1-20		Q1-20	Q1-20	<1 Year	1.4%
Yield to Maturity	1.1%	1.7%	UST/Agency	61.2%	43.4%	1-3 Years	19.1%
Avg. Eff. Maturity	7.8 yrs.	8.2 yrs.	Corporate	8.3%	24.1%	3-5 Years	31.5%
Avg. Duration	6.5 yrs.	6.4 yrs.	MBS	30.1%	28.7%	5-7 Years	19.7%
Avg. Quality	AA		ABS		0.4%	7-10 Years	14.4%
			Foreign			10-15 Years	0.0%
<b>.</b>		Number Of	Muni			15-20 Years	0.7%
Region		Assets	Other	0.3%		>20 Years	13.1%
North America ex U.S.		1				Not Rated/Cash	0.0%
United States		131					
Other		0					

#### **Quality Distribution**

132



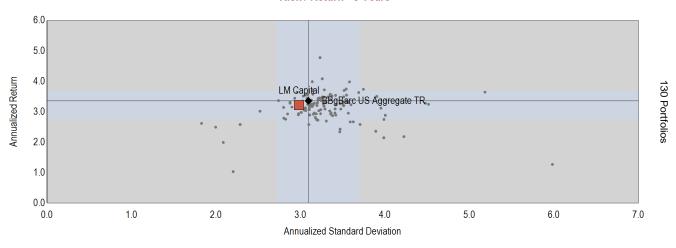
Total

## LM Capital

### Characteristics

As of March 31, 2020 Market Value: \$17.1 Million and 5.9% of Fund

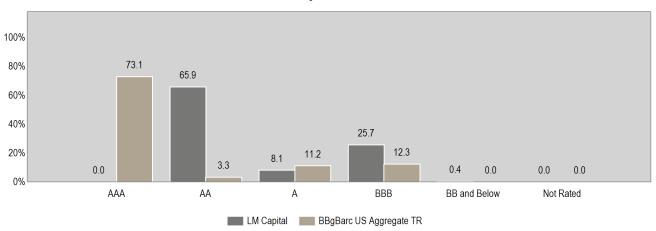




	Characteristics			Sector			Maturity
	Portfolio	Index		Portfolio	Index		Q1-20
	Q1-20	Q1-20		Q1-20	Q1-20	<1 Year	0.0%
Yield to Maturity	2.2%	1.7%	UST/Agency	36.3%	43.4%	1-3 Years	9.9%
Avg. Eff. Maturity	7.9 yrs.	8.2 yrs.	Corporate	33.0%	24.1%	3-5 Years	29.9%
Avg. Duration	6.3 yrs.	6.4 yrs.	MBS	27.7%	28.7%	5-7 Years	21.8%
Avg. Quality	Α		ABS		0.4%	7-10 Years	23.0%
			Foreign	1.4%		10-15 Years	0.0%
		Number Of	Muni			15-20 Years	9.4%
Region		Assets	Other	1.6%		>20 Years	6.0%
United States		80				Not Rated/Cash	0.0%
Europe Ex U.K.		1					

#### **Quality Distribution**

0



Other

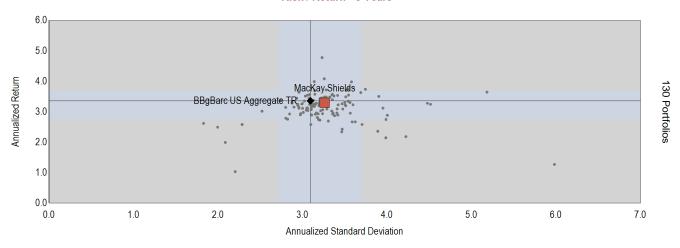
Total

MacKay Shields Characteristics

As of March 31, 2020

Market Value: \$17.7 Million and 6.1% of Fund

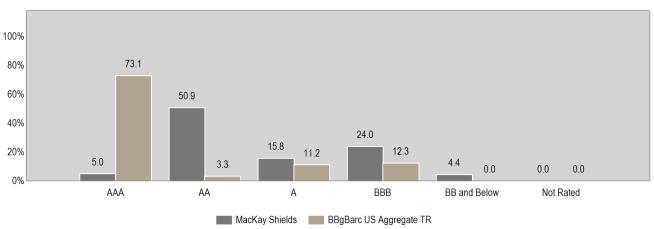
#### Risk / Return - 5 Years



Cha	racteristics			Sector		Maturity	
	Portfolio	Index		Portfolio	Index		Q1-20
	Q1-20	Q1-20		Q1-20	Q1-20	<1 Year	1.4%
Yield to Maturity	2.3%	1.7%	UST/Agency	24.3%	43.4%	1-3 Years	23.1%
Avg. Eff. Maturity	9.2 yrs.	8.2 yrs.	Corporate	38.6%	24.1%	3-5 Years	31.2%
Avg. Duration	6.7 yrs.	6.4 yrs.	MBS	26.9%	28.7%	5-7 Years	11.3%
Avg. Quality	Α	_	ABS	0.5%	0.4%	7-10 Years	12.5%
			Foreign	0.4%		10-15 Years	1.3%
		Ni santa a Of	Muni			15-20 Years	3.2%
Region		Number Of Assets	Other	9.4%		>20 Years	15.9%
North America ex U.S.		1				Not Rated/Cash	0.0%
United States		208					
Europe Ex U.K.		1					

#### **Quality Distribution**

2



United Kingdom Other Total Ullico - W1 Characteristics

As of March 31, 2020 Market Value: \$8.6 Million and 3.0% of Fund

### **Characteristics**

	W1	BarCap Aggregate
Total Number of Holdings	25	10,374
Yield to Maturity	3.9%	3.2%
Avg. Eff. Maturity	2.8 yrs.	8.0 yrs.
Avg. Duration	2.4 yrs.	5.8 yrs.
Avg. Quality	NA	AA

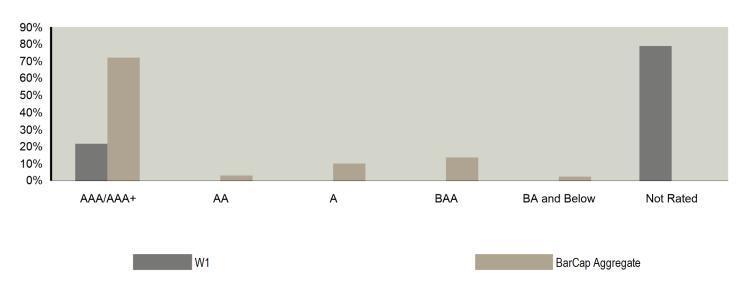
#### Sector

	W1	BarCap Aggregate
UST/Agency	0.0%	45.3%
Corporate	0.0%	25.1%
MBS	20.2%	27.1%
ABS	1.2%	2.5%
Foreign	0.0%	0.0%
Muni	0.0%	0.0%
Other	78.6%	0.0%

### **Maturity**

	W1
< 1 Year	25.0%
1-3 Years	41.0%
3-5 Years	17.0%
5-7 Years	6.0%
7-10 Years	11.0%
10-15 Years	0.0%
15-20 Years	0.0%
> 20 Years	0.0%
Not Rated/Cash	0.0%

### **Quality Distribution**



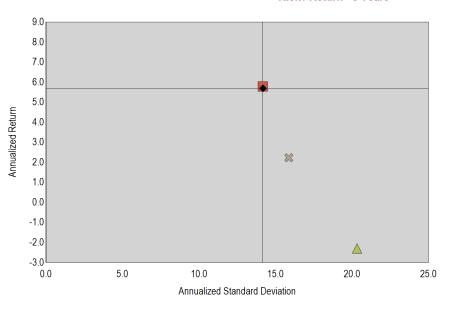
# U.S. Equity Composite

Characteristics

Market Value: \$70.9 Million and 24.5% of Fund

As of March 31, 2020

### Risk / Return - 5 Years



- NTGI Wilshire 5000
- Great Lakes
- ▲ Ariel
- Dow Jones U.S. Total Stock Market

#### Characteristics

Gliaracteristics		
	Portfolio	Dow Jones U.S. Total Stock Market
Number of Holdings	3,635	3,728
Weighted Avg. Market Cap. (\$B)	126.4	226.6
Median Market Cap. (\$B)	0.9	0.6
Price To Earnings	12.8	16.8
Price To Book	2.6	3.6
Price To Sales	1.8	2.4
Return on Equity (%)	18.2	20.9
Yield (%)	2.6	2.3
Beta	1.2	1.0
R-Squared	1.0	1.0

#### Characteristics

	Portfolio	Dow Jones U.S. Total Stock Market
INDUSTRY SECTOR DISTRIBUTION (% Equity)		
Energy	2.6	2.4
Materials	1.9	2.6
Industrials	12.4	8.9
Consumer Discretionary	10.7	9.9
Consumer Staples	6.8	7.1
Health Care	14.6	15.5
Financials	16.1	11.7
Information Technology	16.2	24.6
Communication Services	10.2	9.9
Utilities	2.5	3.5
Real Estate	4.0	3.8
Unclassified	0.2	0.0

#### **Largest Holdings**

	End Weight	Return
MICROSOFT CORP	2.2	0.3
APPLE INC	1.9	-13.2
AMAZON.COM INC	1.5	5.5
KKR & CO INC	1.4	-19.2
ALPHABET INC	1.3	-13.0

#### **Top Contributors**

	Beg Wgt	Return	Contribution
J.M. SMUCKER CO (THE)	0.8	7.5	0.1
AMAZON.COM INC	1.1	5.5	0.1
NETFLIX INC	0.2	16.0	0.0
BIOGEN INC	0.5	6.6	0.0
NVIDIA CORPORATION	0.2	12.1	0.0

#### **Bottom Contributors**

	Beg Wgt	Return	Contribution
ROYAL CARIBBEAN CRUISES LTD	1.1	-75.6	-0.8
VIACOMCBS INC	1.1	-66.1	-0.7
KENNAMETAL INC.	1.0	-49.2	-0.5
LAZARD LTD	1.2	-40.4	-0.5
MATTEL INC.	1.4	-35.0	-0.5

#### **Market Capitalization**

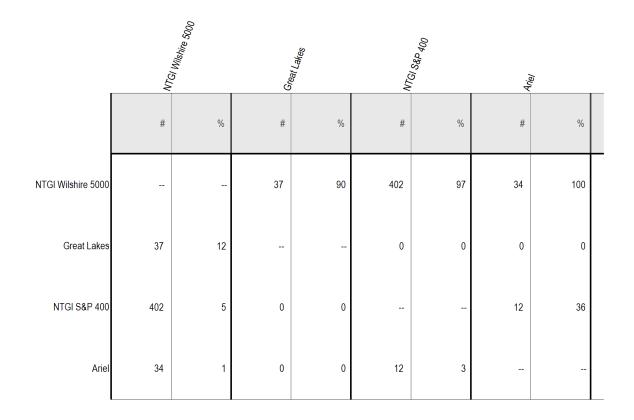
	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
U.S. Equity Composite	15.2%	20.0%	19.0%	18.0%	27.8%
Dow Jones U.S. Total Stock Market	7.1%	7.2%	15.6%	25.2%	44.8%
Weight Over/Under	8.1%	12.8%	3.4%	-7.2%	-17.1%

As of March 31, 2020

U.S. Equity Style Map 5 Years Ending March 31, 2020



#### **Common Holdings Matrix**



Correlation

Market Value: \$70.9 Million and 24.5% of Fund

As of March 31, 2020

Correlation Matrix 5 Years

	U.S. Equity Conposite	M7G/ Wishire 5000	Great Lakes	N7GI S&P 400	Aries	Dow Jones U.S. Total Stock Marker	7
U.S. Equity Composite			-				
NTGI Wilshire 5000	0.99	1.00				-	
Great Lakes	0.98	0.96	1.00	-			
NTGI S&P 400	-	-	-	-	-	-	
Ariel	0.98	0.95	0.95	-	1.00	-	
Dow Jones U.S. Total Stock Market	0.99	1.00	0.96		0.95	1.00	

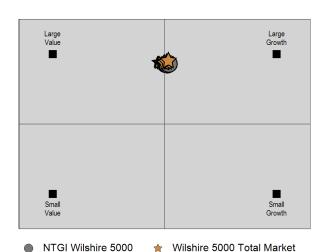
### NTGI Wilshire 5000

### Characteristics

Market Value: \$33.3 Million and 11.5% of Fund

As of March 31, 2020

### Style Drift - 5 Years



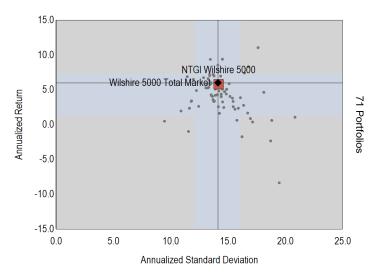
#### **Characteristics**

	Portfolio	Jones U.S. Total Stock Market
Number of Holdings	3,625	3,728
Weighted Avg. Market Cap. (\$B)	226.4	226.6
Median Market Cap. (\$B)	0.6	0.6
Price To Earnings	16.8	16.8
Price To Book	3.5	3.6
Price To Sales	2.4	2.4
Return on Equity (%)	21.0	20.9
Yield (%)	2.3	2.3
Beta	1.0	1.0
R-Squared	1.0	1.0

#### **Characteristics**

	Portfolio	Dow Jones U.S. Total Stock Market
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	2.4	2.4
Materials	2.5	2.6
Industrials	8.7	8.9
Consumer Discretionary	9.6	9.9
Consumer Staples	6.9	7.1
Health Care	15.0	15.5
Financials	11.3	11.7
Information Technology	23.9	24.6
Communication Services	9.6	9.9
Utilities	3.4	3.5
Real Estate	3.7	3.8
Unclassified	0.3	0.0

#### Risk / Return - 5 Years



#### **Largest Holdings**

	End Weight	Return
MICROSOFT CORP	4.6	0.3
APPLE INC	4.1	-13.2
AMAZON.COM INC	3.1	5.5
FACEBOOK INC	1.5	-18.7
BERKSHIRE HATHAWAY INC	1.4	-19.3

#### **Top Contributors**

	Beg Wgt	Return	Contribution
AMAZON.COM INC	2.4	5.5	0.1
NETFLIX INC	0.4	16.0	0.1
NVIDIA CORPORATION	0.4	12.1	0.1
TESLA INC	0.2	25.3	0.0
GILEAD SCIENCES INC	0.3	16.2	0.0

#### **Bottom Contributors**

	Beg Wgt	Return	Contribution
APPLE INC	3.8	-13.2	-0.5
JPMORGAN CHASE & CO	1.4	-35.0	-0.5
EXXON MOBIL CORP	0.9	-44.8	-0.4
BANK OF AMERICA CORP	0.9	-39.3	-0.3
WELLS FARGO & CO	0.6	-46.1	-0.3

#### **Market Capitalization**

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI Wilshire 5000	7.1%	7.5%	15.4%	25.2%	44.8%
Dow Jones U.S. Total Stock Market	7.1%	7.2%	15.6%	25.2%	44.8%



NTGI Wilshire 5000 Attribution

As of Market Value: \$33.3 Million and 11.5% of Fund

#### Sector Attribution vs Dow Jones U.S. Total Stock Market

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	4.0%	4.0%	0.0%	-11.8%	-52.2%	40.4%		0.0%	0.0%	-1.3%	-1.3%
Materials	2.9%	2.9%	0.0%	-6.5%	-27.9%	21.4%		0.0%	0.0%	-0.2%	-0.2%
Industrials	9.8%	9.8%	0.0%	-0.7%	-27.9%	27.3%		0.0%	0.0%	-0.7%	-0.7%
Consumer Discretionary	10.0%	10.0%	0.0%	1.3%	-21.7%	23.0%		0.0%	0.0%	-0.1%	-0.1%
Consumer Staples	6.5%	6.5%	0.0%	-0.1%	-13.5%	13.4%	-	0.0%	0.0%	0.5%	0.5%
Health Care	14.1%	14.1%	0.0%	-2.5%	-13.1%	10.6%		0.0%	0.0%	1.1%	1.1%
Financials	13.7%	13.7%	0.0%	-2.4%	-32.5%	30.2%		0.0%	0.0%	-1.6%	-1.6%
Information Technology	22.3%	22.3%	0.0%	3.8%	-12.9%	16.7%		0.0%	0.0%	1.8%	1.8%
Communication Services	9.5%	9.5%	0.0%	0.8%	-17.6%	18.4%		0.0%	0.0%	0.3%	0.3%
Utilities	3.2%	3.2%	0.0%	6.0%	-14.1%	20.1%		0.0%	0.0%	0.2%	0.2%
Real Estate	4.0%	4.0%	0.0%	1.2%	-24.1%	25.3%	-	0.0%	0.0%	-0.1%	-0.1%
Unclassified	0.0%	0.0%	0.0%	-6.0%	-21.0%	14.9%		0.0%	0.0%	0.0%	0.0%

#### Performance Attribution vs. Dow Jones U.S. Total Stock Market

	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. Dow Jones U.S. Total Stock Market

	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 316.81	19.0%	19.0%	0.0%	4.3%	-11.0%	15.2%	-5.5%	-2.3%	-7.8%	1.9%	-5.9%
2) 132.39 - 316.81	20.8%	20.8%	0.0%	-1.3%	-19.6%	18.3%	-1.0%	-1.8%	-2.9%	0.3%	-2.6%
3) 52.29 - 132.39	20.1%	20.1%	0.0%	-0.2%	-18.2%	18.0%	0.0%	-5.8%	-5.8%	0.6%	-5.3%
4) 15.63 - 52.29	20.1%	20.0%	0.0%	-1.1%	-25.2%	24.1%	-1.9%	7.7%	5.8%	-0.8%	4.9%
5) 0.00 - 15.63	20.0%	20.0%	0.0%	-2.0%	-30.4%	28.5%	4.5%	27.1%	31.6%	-1.9%	29.7%

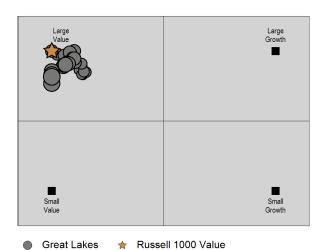
### **Great Lakes**

### Characteristics

Market Value: \$12.8 Million and 4.4% of Fund

As of March 31, 2020

### Style Drift - 5 Years



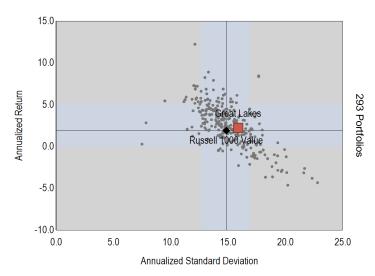
#### **Characteristics**

	Portfolio	Russell 1000 Value
Number of Holdings	41	765
Weighted Avg. Market Cap. (\$B)	101.2	98.9
Median Market Cap. (\$B)	55.2	6.3
Price To Earnings	10.5	12.6
Price To Book	2.6	2.2
Price To Sales	1.6	1.9
Return on Equity (%)	21.7	15.0
Yield (%)	3.6	3.5
Beta	1.1	1.0
R-Squared	1.0	1.0

#### **Characteristics**

	Portfolio	Russell 1000 Value
INDUSTRY SECTOR DISTRIBUTION (% Eq	juity)	
Energy	7.8	5.4
Materials	1.0	4.2
Industrials	13.9	9.5
Consumer Discretionary	7.6	5.2
Consumer Staples	7.1	10.6
Health Care	19.9	15.5
Financials	22.1	21.3
Information Technology	7.3	6.8
Communication Services	7.5	8.6
Utilities	2.7	7.8
Real Estate	0.0	5.1
Unclassified	0.0	0.0

#### Risk / Return - 5 Years



#### **Largest Holdings**

	End Weight	Return
ORACLE CORP	4.7	-8.4
PHILIP MORRIS INTERNATIONAL INC	3.8	-12.6
ROYAL DUTCH SHELL PLC	3.7	-39.8
ABBVIE INC	3.5	-12.8
ALPHABET INC	3.5	-13.0

#### **Top Contributors**

	Beg Wgt	Return	Contribution
BIOGEN INC	2.2	6.6	0.1
MCKESSON CORP	2.0	-1.9	0.0
APPLE INC	1.0	-13.2	-0.1
INTEL CORP	2.1	-9.1	-0.2
BOSTON SCIENTIFIC CORP	1.0	-27.8	-0.3

#### **Bottom Contributors**

	Beg Wgt	Return	Contribution
SCHLUMBERGER LTD	3.3	-66.0	-2.2
NATIONAL OILWELL VARCO INC	2.8	-60.5	-1.7
ROYAL DUTCH SHELL PLC	3.6	-39.8	-1.4
CITIGROUP INC	3.0	-46.9	-1.4
DISCOVER FINANCIAL SERVICES	2.4	-57.7	-1.4

#### **Market Capitalization**

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
Great Lakes	0.0%	4.2%	23.5%	34.5%	37.8%
Russell 1000 Value	3.9%	9.9%	20.0%	29.4%	36.8%
Weight Over/Under	-3.9%	-5.7%	3.5%	5.1%	1.0%



Great Lakes Attribution

As of March 31, 2020 Market Value: \$12.8 Million and 4.4% 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	12.9%	8.2%	4.7%	-14.2%	-51.3%	37.0%	3.6%	3.4%	7.1%	-2.0%	5.0%
Materials	0.0%	4.3%	-4.3%		-29.1%		-2.3%	0.0%	-2.3%	-0.1%	-2.4%
Industrials	12.7%	9.7%	3.1%	0.8%	-28.3%	29.1%	-0.4%	-1.7%	-2.1%	-0.2%	-2.2%
Consumer Discretionary	8.5%	5.9%	2.6%	-11.6%	-35.4%	23.7%	0.0%	6.9%	6.9%	-0.5%	6.4%
Consumer Staples	5.3%	8.9%	-3.5%	-4.8%	-12.5%	7.7%	0.4%	1.8%	2.2%	1.3%	3.4%
Health Care	17.5%	13.0%	4.5%	-6.2%	-12.5%	6.3%	-0.3%	7.4%	7.1%	1.8%	8.9%
Financials	27.9%	23.9%	4.0%	-3.4%	-34.3%	30.9%	0.3%	0.7%	1.1%	-1.8%	-0.8%
Information Technology	7.2%	6.3%	1.0%	2.5%	-19.4%	21.9%	-0.2%	-1.2%	-1.4%	0.5%	-1.0%
Communication Services	5.8%	8.2%	-2.4%	2.2%	-22.6%	24.8%	-0.1%	-2.4%	-2.4%	0.3%	-2.1%
Utilities	2.2%	6.6%	-4.4%	0.3%	-13.2%	13.4%	3.1%	1.1%	4.1%	0.9%	5.0%
Real Estate	0.0%	5.2%	-5.2%		-29.3%		1.7%	0.0%	1.7%	-0.1%	1.5%
Total				-4.7%	-26.6%	21.9%	5.8%	16.1%	21.9%	0.0%	21.9%

#### Performance Attribution vs. Russell 1000 Value

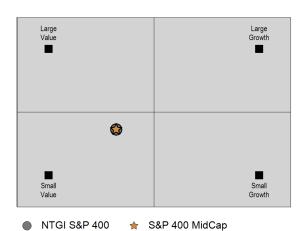
	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	-2.1%	0.0%	-2.0%	0.0%
Materials	1.3%		1.3%	
Industrials	-0.3%	0.3%	-0.7%	0.1%
Consumer Discretionary	-1.1%	-0.2%	-0.8%	-0.1%
Consumer Staples	-0.2%	-1.1%	0.5%	0.5%
Health Care	-0.3%	0.1%	-0.5%	0.0%
Financials	-2.0%	-1.0%	-0.9%	-0.1%
Information Technology	0.6%	0.6%	-0.1%	0.1%
Communication Services	0.9%	0.4%	0.6%	-0.1%
Utilities	0.4%	-0.7%	0.6%	0.5%
Real Estate	1.5%		1.5%	
Cash	0.0%	0.0%	0.0%	0.0%
Portfolio	-1.3%	= -1.5%	+ -0.5%	+ 0.8%

#### 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 260.68	12.6%	19.3%	-6.7%	-1.4%	-25.4%	24.0%	-0.6%	-2.0%	-2.7%	0.2%	-2.4%
2) 101.45 - 260.68	36.5%	20.3%	16.2%	-3.1%	-21.2%	18.0%	-1.5%	6.5%	5.0%	1.1%	6.1%
3) 45.65 - 101.45	23.3%	20.2%	3.2%	-5.4%	-23.7%	18.3%	0.1%	6.1%	6.2%	0.6%	6.7%
4) 16.74 - 45.65	16.7%	20.1%	-3.4%	-4.6%	-28.8%	24.3%	0.1%	4.1%	4.2%	-0.4%	3.7%
5) 0.00 - 16.74	10.9%	20.1%	-9.2%	-12.4%	-34.1%	21.7%	-0.2%	9.5%	9.3%	-1.5%	7.8%
Total				-4.7%	-26.6%	21.9%	-2.1%	24.1%	21.9%	0.0%	21.9%

As of March 31, 2020

### Style Drift - 2 Years



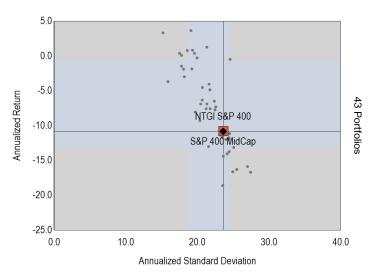
#### **Characteristics**

	Portfolio	S&P 400 MidCap
Number of Holdings	402	400
Weighted Avg. Market Cap. (\$B)	4.8	4.8
Median Market Cap. (\$B)	2.9	2.9
Price To Earnings	14.6	14.6
Price To Book	2.4	2.4
Price To Sales	1.6	1.6
Return on Equity (%)	14.3	14.3
Yield (%)	2.3	2.3
Beta		1.0
R-Squared		1.0

#### **Characteristics**

	Portfolio	S&P 400 MidCap
INDUSTRY SECTOR DISTRIBUTION (% Ed		
Energy	1.0	1.1
Materials	5.7	6.0
Industrials	15.7	16.1
Consumer Discretionary	11.7	12.4
Consumer Staples	3.6	4.1
Health Care	11.5	11.7
Financials	15.3	15.8
Information Technology	15.9	16.3
Communication Services	1.9	2.1
Utilities	5.0	4.9
Real Estate	9.7	9.6
Unclassified	0.1	0.0

#### Risk / Return - 2 Years



#### **Largest Holdings**

	End Weight	Return
DOMINO'S PIZZA INC	0.9	10.6
TYLER TECHNOLOGIES INC.	0.9	-1.2
WEST PHARMACEUTICAL SERVICES INC.	0.9	1.4
TELEDYNE TECHNOLOGIES INC.	0.8	-14.2
FACTSET RESEARCH SYSTEMS INC.	0.7	-2.6

#### **Top Contributors**

	Beg Wgt	Return	Contribution
DOMINO'S PIZZA INC	0.7	10.6	0.1
LEGG MASON INC	0.2	37.2	0.1
MASIMO CORP	0.4	12.1	0.1
CABLE ONE INC	0.4	10.6	0.0
TAUBMAN CENTERS INC.	0.1	36.6	0.0

#### **Bottom Contributors**

	Beg Wgt	Return	Contribution
REINSURANCE GROUP OF AMERICA INC.	0.6	-48.2	-0.3
WEX INC	0.5	-50.1	-0.2
SABRE CORP	0.3	-72.6	-0.2
WPX ENERGY INC	0.3	-77.8	-0.2
PARK HOTELS & RESORTS INC	0.3	-67.7	-0.2

#### **Market Capitalization**

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
NTGI S&P 400	36.5%	57.1%	6.3%	0.0%	0.0%
S&P 400 MidCap	36.6%	55.3%	7.6%	0.0%	0.4%

NTGI S&P 400 Attribution

As of March 31, 2020 Market Value: \$6.1 Million and 2.1% of Fund

#### 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	2.1%	2.2%	-0.1%	-22.3%	-70.0%	47.8%	9.3%	5.1%	14.4%	-0.9%	13.5%
Materials	6.1%	6.1%	0.0%	-6.9%	-30.9%	24.1%	-0.7%	-8.4%	-9.1%	-0.1%	-9.2%
Industrials	15.7%	15.5%	0.2%	-2.3%	-29.6%	27.4%	0.3%	-0.5%	-0.1%	0.0%	-0.1%
Consumer Discretionary	13.4%	14.1%	-0.7%	-1.8%	-38.5%	36.7%	-2.1%	13.8%	11.7%	-1.2%	10.5%
Consumer Staples	2.9%	3.3%	-0.4%	-7.7%	-20.1%	12.4%	11.7%	15.0%	26.7%	0.3%	27.0%
Health Care	9.7%	9.6%	0.1%	-2.6%	-14.5%	11.9%	0.2%	-6.8%	-6.6%	1.5%	-5.1%
Financials	16.6%	16.5%	0.1%	-2.1%	-32.8%	30.7%	0.3%	-13.6%	-13.4%	-0.5%	-13.9%
Information Technology	15.6%	15.4%	0.2%	-1.9%	-25.3%	23.4%	0.7%	-7.1%	-6.4%	0.7%	-5.7%
Communication Services	1.9%	2.0%	-0.1%	-3.0%	-27.0%	24.0%	0.0%	-2.3%	-2.2%	0.1%	-2.2%
Utilities	4.6%	4.3%	0.2%	1.9%	-21.0%	22.9%	5.2%	-0.4%	4.8%	0.4%	5.2%
Real Estate	11.3%	10.9%	0.4%	-0.5%	-33.2%	32.7%	3.9%	3.5%	7.4%	-0.4%	7.0%

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

	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	0.1%	0.0%	0.1%	0.0%
Materials	0.0%	0.0%	0.0%	0.0%
Industrials	0.0%	0.0%	0.0%	0.0%
Consumer Discretionary	0.4%	0.1%	0.3%	0.0%
Consumer Staples	0.1%	0.1%	0.1%	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	-0.1%	0.0%	-0.1%	0.0%
Cash	0.0%	0.0%	0.0%	0.0%

#### Market Cap Attribution vs. S&P 400 MidCap

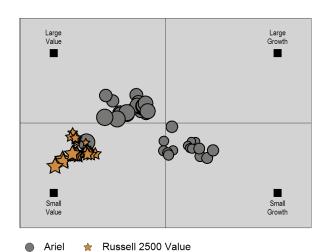
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 8.51	20.3%	20.0%	0.3%	0.8%	-21.5%	22.2%	4.3%	-6.8%	-2.4%	1.7%	-0.8%
2) 6.21 - 8.51	20.0%	19.9%	0.0%	-2.0%	-27.1%	25.1%	0.1%	25.3%	25.3%	0.5%	25.9%
3) 4.89 - 6.21	19.8%	20.0%	-0.1%	-2.2%	-30.1%	27.9%	-0.3%	-6.5%	-6.9%	-0.1%	-6.9%
4) 3.82 - 4.89	20.0%	20.1%	-0.1%	-3.1%	-32.6%	29.5%	0.3%	10.8%	11.1%	-0.6%	10.5%
5) 0.00 - 3.82	20.0%	20.0%	-0.1%	-6.5%	-37.8%	31.3%	1.1%	-0.9%	0.2%	-1.6%	-1.4%

Characteristics

Market Value: \$18.8 Million and 6.5% of Fund

#### As of March 31, 2020

### Style Drift - 5 Years



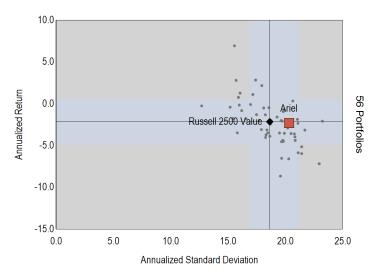
#### Characteristics

	Portfolio	Russell 2500 Value
Number of Holdings	35	1,795
Weighted Avg. Market Cap. (\$B)	6.7	4.1
Median Market Cap. (\$B)	5.3	0.6
Price To Earnings	9.5	11.2
Price To Book	1.8	1.8
Price To Sales	1.6	1.3
Return on Equity (%)	14.7	8.5
Yield (%)	2.7	3.3
Beta	1.0	1.0
R-Squared	0.9	1.0

#### **Characteristics**

	Portfolio	Russell 2500 Value
INDUSTRY SECTOR DISTRIBUTION (% E	Equity)	
Energy	0.0	2.2
Materials	0.0	6.3
Industrials	17.2	13.4
Consumer Discretionary	14.3	8.4
Consumer Staples	7.3	4.0
Health Care	11.3	7.5
Financials	20.6	22.6
Information Technology	8.6	10.4
Communication Services	15.7	3.3
Utilities	0.0	7.2
Real Estate	5.3	14.7
Unclassified	0.0	0.0

#### Risk / Return - 5 Years



#### **Largest Holdings**

	End Weight	Return
KKR & CO INC	5.2	-19.2
MATTEL INC.	4.5	-35.0
STERICYCLE INC	4.4	-23.9
J.M. SMUCKER CO (THE)	4.0	7.5
ZEBRA TECHNOLOGIES CORP.	3.9	-28.1

#### **Top Contributors**

	Beg Wgt	Return	Contribution
J.M. SMUCKER CO (THE)	2.7	7.5	0.2
BIO-RAD LABORATORIES INC	2.8	-5.3	-0.1
CHARLES RIVER LABORATORIES INTERNATIONAL INC	1.8	-17.4	-0.3
MADISON SQUARE GARDEN SPORTS CORP	1.2	-28.1	-0.3

#### **Bottom Contributors**

	Beg Wgt	Return	Contribution
ROYAL CARIBBEAN CRUISES LTD	3.7	-75.6	-2.8
VIACOMCBS INC	3.8	-66.1	-2.5
LAZARD LTD	4.2	-40.4	-1.7
KENNAMETAL INC.	3.4	-49.2	-1.7
MATTEL INC.	4.6	-35.0	-1.6

#### **Market Capitalization**

	Small Cap	Small/ Mid	Mid Cap	Mid/ Large	Large Cap
Ariel	33.1%	40.8%	26.2%	0.0%	0.0%
Russell 2500 Value	51.4%	39.8%	8.2%	0.0%	0.5%
Weight Over/Under	-18.3%	0.9%	18.0%	0.0%	-0.5%



Ariel Attribution

As of March 31, 2020 Market Value: \$18.8 Million and 6.5% of Fund

#### Sector Attribution vs Russell 2500 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	0.0%	4.3%	-4.3%		-66.6%		15.6%	0.0%	15.6%	-1.4%	14.3%
Materials	0.0%	6.3%	-6.3%		-34.3%		7.0%	0.0%	7.0%	0.0%	7.1%
Industrials	19.3%	13.3%	6.1%	-3.7%	-34.3%	30.6%	-0.5%	1.4%	0.9%	0.0%	1.0%
Consumer Discretionary	13.6%	10.1%	3.4%	-1.6%	-46.3%	44.7%	-0.2%	6.6%	6.4%	-1.2%	5.2%
Consumer Staples	5.1%	3.4%	1.7%	1.1%	-25.7%	26.9%	-0.3%	6.2%	5.8%	0.3%	6.1%
Health Care	7.9%	5.9%	2.0%	0.8%	-16.8%	17.6%	0.9%	3.9%	4.8%	1.0%	5.8%
Financials	20.4%	23.6%	-3.2%	2.7%	-37.7%	40.4%	-0.1%	26.5%	26.4%	-0.7%	25.7%
Information Technology	11.3%	9.3%	2.0%	-4.8%	-27.1%	22.3%	0.2%	-3.9%	-3.7%	0.7%	-3.0%
Communication Services	16.5%	3.1%	13.4%	-7.3%	-30.7%	23.4%	3.6%	-17.4%	-13.8%	0.1%	-13.6%
Utilities	0.0%	5.8%	-5.8%		-18.2%		-7.9%	0.0%	-7.8%	1.0%	-6.9%
Real Estate	5.9%	14.8%	-9.0%	-1.4%	-34.0%	32.6%	-7.2%	-1.9%	-9.1%	0.1%	-9.0%
Total				-2.1%	-34.6%	32.5%	11.1%	21.4%	32.5%	0.0%	32.5%

#### Performance Attribution vs. Russell 2500 Value

	Total	Selection	Allocation	Interaction
	Effects	Effect	Effect	Effects
Energy	2.9%		2.9%	-
Materials	2.2%		2.2%	
Industrials	-1.5%	0.2%	-1.8%	0.1%
Consumer Discretionary	-1.5%	-0.1%	-1.3%	0.0%
Consumer Staples	0.5%	0.6%	-0.4%	0.3%
Health Care	-0.2%	0.0%	-0.3%	0.0%
Financials	3.2%	2.0%	1.5%	-0.3%
Information Technology	-0.8%	-0.3%	-0.4%	-0.1%
Communication Services	-5.9%	-0.4%	-3.9%	-1.6%
Utilities	1.1%		1.1%	
Real Estate	2.7%	-0.9%	3.1%	0.6%
Cash	0.0%	0.0%	0.0%	0.0%
Portfolio	2.6% =	1.2% +	2.5% +	-1.1%

#### Market Cap Attribution vs. Russell 2500 Value

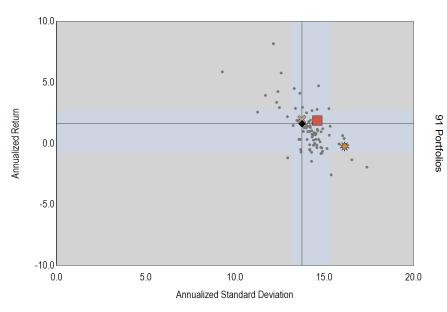
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 8.85	53.7%	19.7%	33.9%	-3.3%	-28.9%	25.6%	30.2%	-44.3%	-14.1%	1.1%	-12.9%
2) 5.83 - 8.85	7.6%	20.2%	-12.5%	2.8%	-31.8%	34.6%	-2.8%	8.7%	5.8%	0.6%	6.4%
3) 3.97 - 5.83	19.7%	20.1%	-0.4%	2.2%	-37.0%	39.2%	0.0%	23.1%	23.1%	-0.5%	22.6%
4) 2.05 - 3.97	10.2%	20.0%	-9.8%	-4.0%	-36.7%	32.7%	3.4%	2.8%	6.2%	-0.4%	5.8%
5) 0.00 - 2.05	8.8%	20.0%	-11.2%	-6.3%	-38.6%	32.3%	9.2%	2.3%	11.4%	-0.8%	10.7%
Total				-2.1%	-34.6%	32.5%	40.0%	-7.4%	32.5%	0.0%	32.5%

# International Equity Composite

### Characteristics

As of March 31, 2020 Market Value: \$52.2 Million and 18.1% of Fund

#### Risk / Return - 4 Years



- International Equity Composite
- \* NTGI ACWI ex. U.S.
- William Blair
- ◆ MSCI ACWI ex USA
- 68% Confidence Interval
- InvMetrics Public DB ex-US Eq Net

#### Characteristics

	Portfolio	MSCI ACWI ex USA
Number of Holdings	2,904	2,404
Weighted Avg. Market Cap. (\$B)	50.0	69.2
Median Market Cap. (\$B)	5.0	5.9
Price To Earnings	12.4	13.1
Price To Book	2.6	2.5
Price To Sales	1.4	1.3
Return on Equity (%)	17.4	15.5
Yield (%)	3.4	3.8
Beta	1.0	1.0
R-Squared	1.0	1.0

Region	% of Total	% or Bench
North America ex U.S.	4.9%	6.3%
United States	1.4%	0.0%
Europe Ex U.K.	31.5%	31.1%
United Kingdom	10.0%	10.0%
Pacific Basin Ex Japan	9.8%	7.4%
Japan	15.7%	17.4%
Emerging Markets	25.2%	27.4%
Other	1.5%	0.4%
Total	100.0%	100.0%

#### Characteristics

	Portfolio	MSCI ACWI ex USA
INDUSTRY SECTOR DISTRIBUTION (% Equity)		
Energy	3.9	5.2
Materials	4.5	6.9
Industrials	16.8	11.4
Consumer Discretionary	11.3	11.8
Consumer Staples	6.7	10.5
Health Care	8.5	10.5
Financials	18.2	19.3
Information Technology	14.0	10.1
Communication Services	5.7	7.5
Utilities	4.0	3.7
Real Estate	5.2	2.9
Unclassified	0.0	0.0

#### **Market Capitalization**

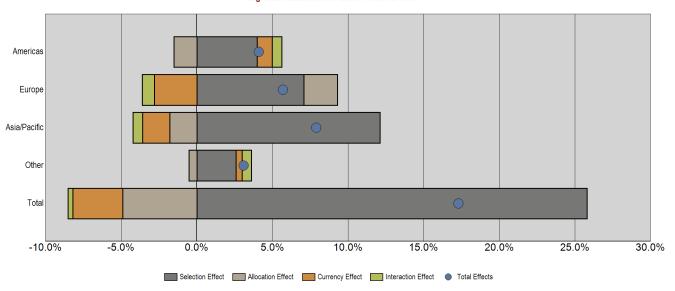
	Small Cap	Mid Cap	Large Cap
International Equity Composite	36.3%	24.3%	39.4%
MSCI ACWI ex USA	11.6%	23.2%	65.1%
Weight Over/Under	24.7%	1.0%	-25.7%

## International Equity Composite

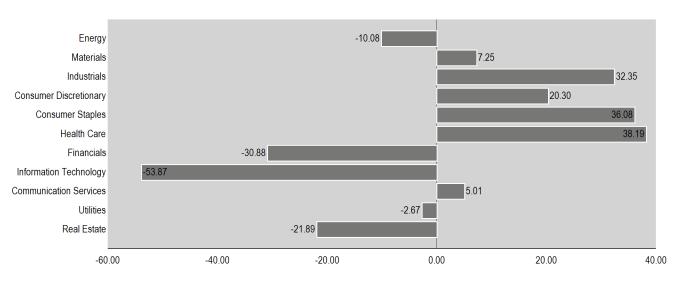
Attribution

As of March 31, 2020 Market Value: \$52.2 Million and 18.1% of Fund

#### Regional Attribution vs MSCI ACWI ex USA



#### Active Contribution vs. MSCI ACWI ex USA



#### International Equity Composite

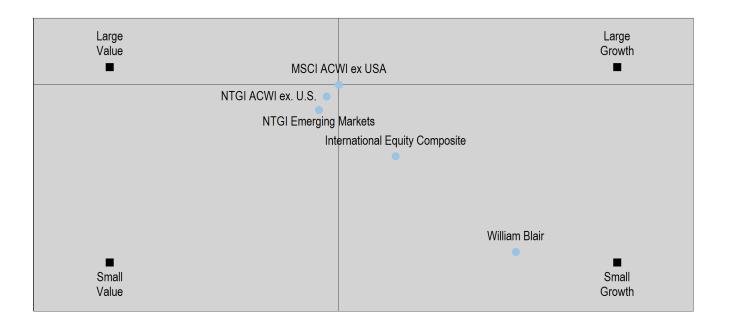
#### Market Cap Attribution vs. MSCI ACWI ex USA

	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 104.24	11.4%	19.8%	-8.4%	-3.1%	-15.3%	12.2%	-10.2%	-2.9%	-13.1%	1.6%	-11.5%
2) 48.93 - 104.24	11.4%	20.1%	-8.8%	-2.3%	-24.4%	22.1%	16.5%	-13.4%	3.1%	-0.2%	2.9%
3) 24.68 - 48.93	12.5%	20.1%	-7.6%	-2.9%	-24.1%	21.2%	2.7%	-0.9%	1.8%	-0.2%	1.7%
4) 10.93 - 24.68	16.4%	20.1%	-3.7%	-3.5%	-24.9%	21.4%	2.6%	24.3%	26.9%	-0.3%	26.6%
5) 0.00 - 10.93	48.3%	19.8%	28.5%	-2.6%	-27.4%	24.8%	50.6%	-48.9%	1.7%	-0.8%	0.8%
Total				-2.8%	-23.2%	20.4%	62.3%	-41.9%	20.4%	0.0%	20.4%

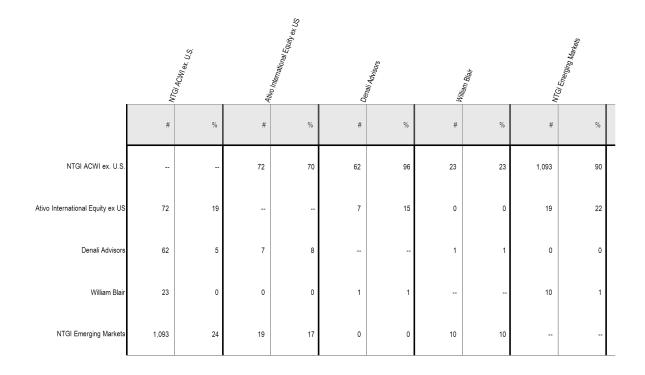
Market Value: \$52.2 Million and 18.1% of Fund

As of March 31, 2020

Equity Style Map 4 Years Ending March 31, 2020



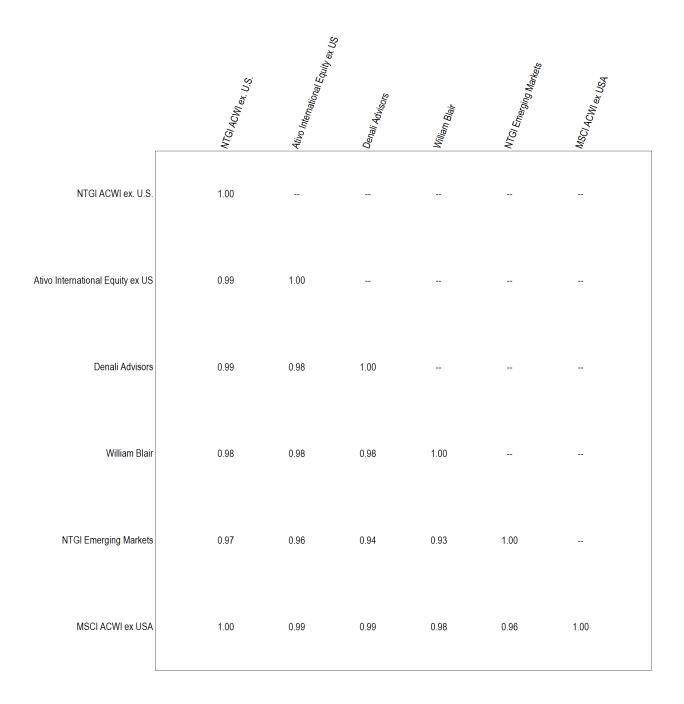
#### **Common Holdings Matrix**



As of March 31, 2020

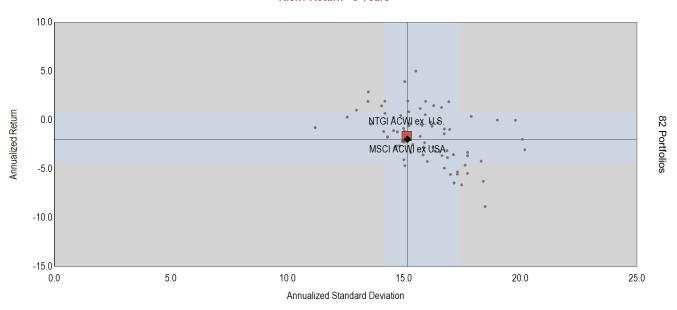
Market Value: \$52.2 Million and 18.1% of Fund

# Correlation 1 Year



As of March 31, 2020

#### Risk / Return - 5 Years



#### Characteristics

	Portfolio	MSCI ACWI ex USA
Number of Holdings	2,425	2,404
Weighted Avg. Market Cap. (\$B)	69.5	69.2
Median Market Cap. (\$B)	5.6	5.9
Price To Earnings	13.1	13.1
Price To Book	2.5	2.5
Price To Sales	1.3	1.3
Return on Equity (%)	15.4	15.5
Yield (%)	3.7	3.8
Beta	1.0	1.0
R-Squared	1.0	1.0

Region	% of Total	% of Bench
North America ex U.S.	6.3%	6.3%
United States	0.7%	0.0%
Europe Ex U.K.	31.5%	31.1%
United Kingdom	8.4%	10.0%
Pacific Basin Ex Japan	12.1%	7.4%
Japan	17.6%	17.4%
Emerging Markets	22.9%	27.4%
Other	0.4%	0.4%
Total	100.0%	100.0%

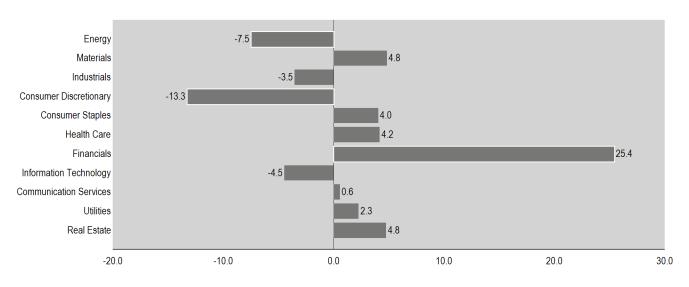
#### Characteristics

0114140101101100		
	Portfolio	MSCI ACWI ex USA
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	5.2	5.2
Materials	6.7	6.9
Industrials	11.3	11.4
Consumer Discretionary	11.7	11.8
Consumer Staples	10.5	10.5
Health Care	10.4	10.5
Financials	19.1	19.3
Information Technology	9.9	10.1
Communication Services	7.3	7.5
Utilities	3.7	3.7
Real Estate	3.0	2.9
Unclassified	0.1	0.0

	Small Cap	Mid Cap	Large Cap
NTGI ACWI ex. U.S.	12.0%	24.6%	63.4%
MSCLACWLex USA	11.6%	23.2%	65 1%

As of March 31, 2020

#### **Active Contribution**



NTGI ACWI ex. U.S.

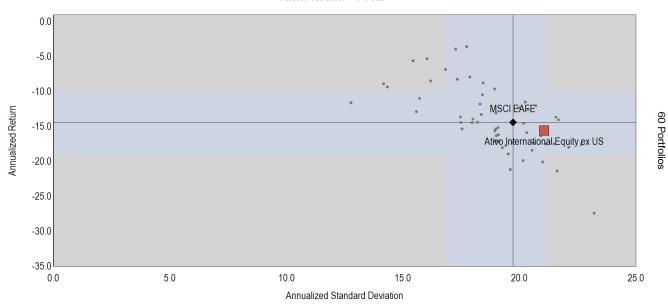
	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 104.24	18.5%	19.8%	-1.4%	-2.8%	-15.3%	12.5%	17.5%	56.8%	74.2%	1.6%	75.8%
2) 48.93 - 104.24	19.6%	20.1%	-0.6%	-1.7%	-24.4%	22.7%	-11.2%	88.1%	76.9%	-0.2%	76.7%
3) 24.68 - 48.93	20.8%	20.1%	0.6%	-2.4%	-24.1%	21.7%	2.4%	-15.1%	-12.6%	-0.2%	-12.8%
4) 10.93 - 24.68	20.4%	20.1%	0.4%	-2.5%	-24.9%	22.3%	2.6%	-73.0%	-70.4%	-0.3%	-70.8%
5) 0.00 - 10.93	20.8%	19.8%	0.9%	-4.0%	-27.4%	23.4%	-17.4%	-30.1%	-47.5%	-0.8%	-48.4%

## Ativo International Equity ex US

### Characteristics

As of March 31, 2020 Market Value: \$12.3 Million and 4.2% of Fund

#### Risk / Return - 1 Year



#### Characteristics

	Portfolio	MSCI EAFE
Number of Holdings	103	918
Weighted Avg. Market Cap. (\$B)	55.3	55.6
Median Market Cap. (\$B)	12.1	8.2
Price To Earnings	9.2	13.9
Price To Book	2.0	2.5
Price To Sales	1.1	1.2
Return on Equity (%)	18.3	14.5
Yield (%)	4.2	3.9
Beta		1.0
R-Squared		1.0

Region	% of Total	% of Bench
North America ex U.S.	7.4%	0.0%
United States	1.2%	0.0%
Europe Ex U.K.	36.3%	46.8%
United Kingdom	8.9%	15.1%
Pacific Basin Ex Japan	10.1%	11.1%
Japan	14.2%	26.3%
Emerging Markets	20.8%	0.0%
Other	1.1%	0.6%
Total	100.0%	100.0%

#### Characteristics

	Portfolio	MSCI EAFE
INDUSTRY SECTOR DISTRIBUTION	N (% Equity)	
Energy	4.7	4.0
Materials	4.2	6.7
Industrials	18.7	14.2
Consumer Discretionary	7.3	11.1
Consumer Staples	3.1	12.7
Health Care	6.0	14.3
Financials	23.3	16.5
Information Technology	10.0	7.6
Communication Services	5.3	5.5
Utilities	6.9	4.2
Real Estate	8.8	3.2
Unclassified	0.0	0.0

	Small Cap	Mid Cap	Large Cap
Ativo International Equity ex US	25.6%	28.7%	45.7%
MSCI EAFE	8.8%	23.2%	68.0%
Weight Over/Under	16.8%	5.5%	-22.3%



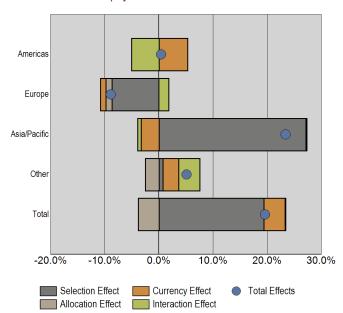
## Ativo International Equity ex US

Attribution

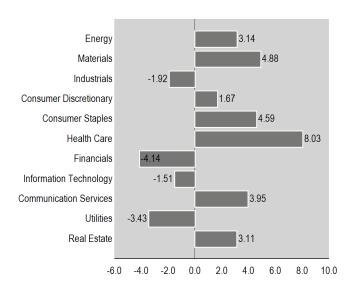
Market Value: \$12.3 Million and 4.2% of Fund

#### As of March 31, 2020

#### Ativo International Equity ex US Performance Attribution vs. MSCI EAFE



#### **Active Contribution**



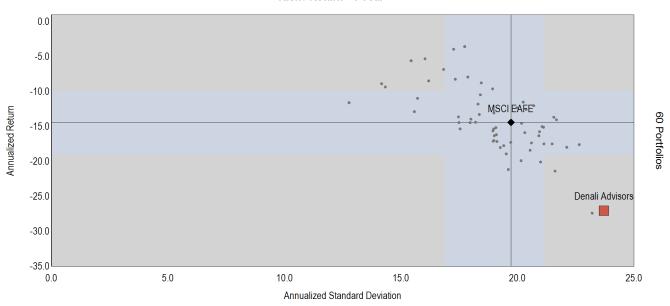
Ativo International Equity ex US

	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 108.18	13.7%	19.8%	-6.1%	-3.7%	-17.1%	13.4%	-1.6%	1.5%	0.0%	1.1%	1.1%
2) 51.03 - 108.18	15.0%	20.0%	-5.1%	-1.4%	-22.8%	21.4%	1.0%	-1.6%	-0.6%	0.0%	-0.6%
3) 28.71 - 51.03	12.2%	20.0%	-7.8%	-5.8%	-25.0%	19.2%	-0.6%	7.4%	6.8%	-0.5%	6.3%
4) 13.19 - 28.71	15.1%	20.1%	-5.1%	-3.6%	-22.3%	18.7%	1.4%	7.4%	8.9%	0.1%	8.9%
5) 0.00 - 13.19	44.0%	20.0%	24.1%	-2.5%	-25.9%	23.4%	3.7%	0.8%	4.5%	-0.7%	3.9%
Total				-3.1%	-22.6%	19.6%	4.0%	15.6%	19.6%	0.0%	19.6%

Market Value: \$3.9 Million and 1.3% of Fund

#### As of March 31, 2020

#### Risk / Return - 1 Year



#### Characteristics

	Portfolio	MSCI EAFE
Number of Holdings	77	918
Weighted Avg. Market Cap. (\$B)	20.7	55.6
Median Market Cap. (\$B)	9.3	8.2
Price To Earnings	6.7	13.9
Price To Book	1.6	2.5
Price To Sales	0.6	1.2
Return on Equity (%)	12.7	14.5
Yield (%)	5.5	3.9
Beta		1.0
R-Squared		1.0

Region	% of Total	% of Bench
North America ex U.S.	0.7%	0.0%
United States	0.0%	0.0%
Europe Ex U.K.	36.9%	46.8%
United Kingdom	9.7%	15.1%
Pacific Basin Ex Japan	17.8%	11.1%
Japan	30.9%	26.3%
Emerging Markets	0.0%	0.0%
Other	4.0%	0.6%
Total	100.0%	100.0%

#### Characteristics

	Portfolio	MSCI EAFE
INDUSTRY SECTOR DISTRIBUTION (%	Equity)	
Energy	3.6	4.0
Materials	4.3	6.7
Industrials	20.4	14.2
Consumer Discretionary	15.6	11.1
Consumer Staples	5.5	12.7
Health Care	4.8	14.3
Financials	25.6	16.5
Information Technology	0.6	7.6
Communication Services	4.0	5.5
Utilities	5.5	4.2
Real Estate	8.2	3.2
Unclassified	0.0	0.0

	Small Cap	Mid Cap	Large Cap
Denali Advisors	24.1%	43.6%	32.3%
MSCI EAFE	8.8%	23.2%	68.0%
Weight Over/Under	15.3%	20.5%	-35.7%

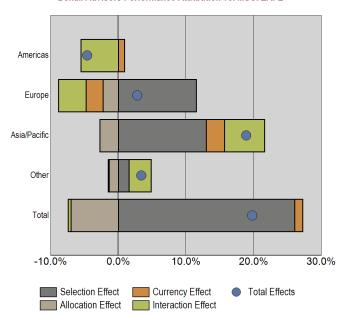


Denali Advisors Attribution

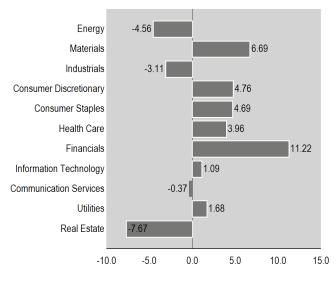
As of March 31, 2020

#### Market Value: \$3.9 Million and 1.3% of Fund

#### Denali Advisors Performance Attribution vs. MSCI EAFE



#### **Active Contribution**



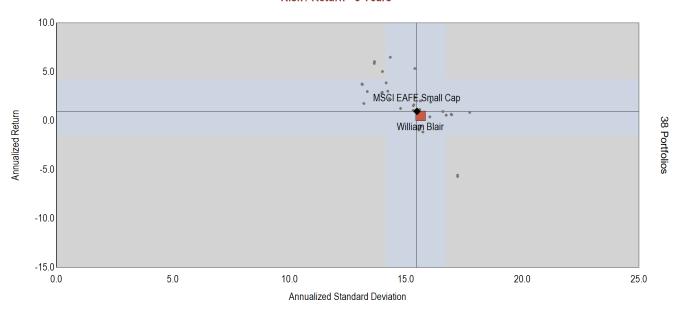
#### Denali Advisors

	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 108.18	2.2%	19.8%	-17.7%	-4.4%	-17.1%	12.7%	-5.6%	-1.3%	-6.9%	1.1%	-5.8%
2) 51.03 - 108.18	0.0%	20.0%	-20.0%		-22.8%		5.0%	0.0%	5.0%	0.0%	5.0%
3) 28.71 - 51.03	25.1%	20.0%	5.1%	-0.8%	-25.0%	24.1%	0.5%	-8.5%	-8.0%	-0.5%	-8.5%
4) 13.19 - 28.71	32.8%	20.1%	12.7%	-4.1%	-22.3%	18.2%	-4.5%	30.6%	26.2%	0.1%	26.2%
5) 0.00 - 13.19	39.9%	20.0%	19.9%	-3.1%	-25.9%	22.8%	3.8%	5.8%	9.7%	-0.7%	9.0%
Total				-2.9%	-22.6%	19.7%	-0.7%	26.7%	26.0%	0.0%	26.0%

Market Value: \$13.4 Million and 4.6% of Fund

#### As of March 31, 2020

#### Risk / Return - 5 Years



#### Characteristics

	Portfolio	MSCI EAFE Small Cap
Number of Holdings	120	2,323
Weighted Avg. Market Cap. (\$B)	3.7	2.2
Median Market Cap. (\$B)	2.6	0.8
Price To Earnings	21.5	12.5
Price To Book	3.7	2.1
Price To Sales	2.9	1.0
Return on Equity (%)	20.9	12.0
Yield (%)	2.0	3.2
Beta	1.0	1.0
R-Squared	1.0	1.0

Total	100.0%	100.0%
Other	3.0%	1.9%
Emerging Markets	14.3%	0.0%
Japan	17.1%	33.4%
Pacific Basin Ex Japan	2.7%	11.3%
United Kingdom	17.3%	15.7%
Europe Ex U.K.	38.7%	37.7%
United States	2.9%	0.0%
North America ex U.S.	4.0%	0.0%
Region	% of Total	% of Bench

#### Characteristics

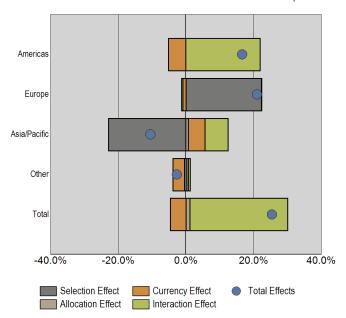
Ollaracteristics		
	Portfolio	MSCI EAFE Small Cap
INDUSTRY SECTOR DISTRIBUTION (% Eq.	uity)	
Energy	8.0	1.8
Materials	1.2	8.2
Industrials	26.0	20.5
Consumer Discretionary	11.7	11.1
Consumer Staples	5.2	7.4
Health Care	11.4	8.7
Financials	9.1	10.5
Information Technology	25.1	10.5
Communication Services	1.6	4.7
Utilities	1.9	2.8
Real Estate	4.9	13.8
Unclassified	0.0	0.1

	Small Cap	Mid Cap	Large Cap
William Blair	85.8%	14.2%	0.0%
MSCI EAFE Small Cap	96.5%	3.5%	0.0%
Weight Over/Under	-10.7%	10.7%	0.0%

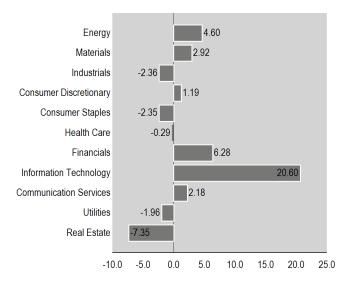
William Blair Attribution

As of March 31, 2020 Market Value: \$13.4 Million and 4.6% of Fund

#### William Blair Performance Attribution vs. MSCI EAFE Small Cap



#### **Active Contribution**



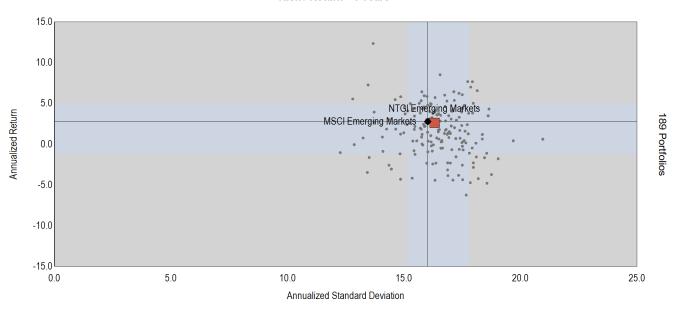
William Blair

	Portfolio Weight	Index Weight	Excess Weight	Portfolio USD Return	Index USD Return	Excess USD Return	Allocation Effect (Local)	Selection Effect (Local)	Active Contrib.	Passive Contrib.	Total Contrib.
Market Cap. Quintile (\$Bil)											
1) Above 4.16	54.3%	20.0%	34.3%	-1.7%	-22.6%	20.9%	26.1%	-31.0%	-4.9%	1.0%	-3.9%
2) 3.00 - 4.16	20.2%	20.1%	0.1%	-2.0%	-29.8%	27.9%	0.0%	6.3%	6.3%	-0.5%	5.8%
3) 1.96 - 3.00	17.7%	20.0%	-2.3%	-1.2%	-27.2%	26.0%	0.1%	10.6%	10.7%	0.0%	10.7%
4) 1.12 - 1.96	5.7%	20.1%	-14.4%	-8.4%	-27.9%	19.5%	1.4%	-5.0%	-3.5%	-0.1%	-3.6%
5) 0.00 - 1.12	2.1%	19.8%	-17.7%	-0.9%	-29.4%	28.5%	9.9%	6.8%	16.7%	-0.4%	16.3%
Total				-2.0%	-27.4%	25.3%	37.6%	-12.2%	25.3%	0.0%	25.3%

Market Value: \$5.6 Million and 1.9% of Fund

As of March 31, 2020

#### Risk / Return - 4 Years



#### Characteristics

	Portfolio	MSCI Emerging Markets
Number of Holdings	1,413	1,397
Weighted Avg. Market Cap. (\$B)	108.7	109.8
Median Market Cap. (\$B)	4.2	4.4
Price To Earnings	12.2	12.2
Price To Book	2.6	2.6
Price To Sales	1.4	1.5
Return on Equity (%)	17.6	17.6
Yield (%)	3.2	3.4
Beta	1.0	1.0
R-Squared	1.0	1.0

Region	% of	% of
Region	Total	Bench
EM Asia	63.0%	78.9%
EM Latin America	8.0%	8.1%
EM Europe & Middle East	4.7%	4.8%
EM Africa	3.7%	3.8%
Other	20.7%	4.5%
Total	100.0%	100.0%

#### Characteristics

0114140101101100		
	Portfolio	MSCI Emerging Markets
INDUSTRY SECTOR DISTRIBUTION (% Eq	uity)	
Energy	5.9	5.9
Materials	6.6	6.6
Industrials	5.0	4.9
Consumer Discretionary	15.3	15.5
Consumer Staples	6.6	6.5
Health Care	3.5	3.4
Financials	21.5	21.9
Information Technology	16.7	16.8
Communication Services	12.7	13.0
Utilities	2.5	2.5
Real Estate	2.9	2.9
Unclassified	0.1	0.0

	Small Cap	Mid Cap	Large Cap
NTGI Emerging Markets	8.9%	20.7%	70.4%
MSCI Emerging Markets	8.2%	18.6%	73 3%



## NTGI Emerging Markets

Attribution

As of March 31, 2020 Market Value: \$5.6 Million and 1.9% of Fund

	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 213.34	18.8%	18.9%	0.0%	-2.3%	-10.1%	7.8%	0.0%	-7.5%	-7.5%	2.6%	-4.9%
2) 39.39 - 213.34	21.7%	21.5%	0.2%	-5.0%	-25.6%	20.6%	0.0%	13.6%	13.6%	-0.4%	13.3%
3) 16.50 - 39.39	19.6%	20.1%	-0.5%	-5.6%	-26.4%	20.8%	-1.8%	6.0%	4.2%	-0.5%	3.7%
4) 6.96 - 16.50	19.9%	20.2%	-0.3%	-5.0%	-27.4%	22.3%	0.2%	8.2%	8.4%	-0.7%	7.6%
5) 0.00 - 6.96	19.9%	19.4%	0.6%	-5.9%	-28.5%	22.7%	2.7%	-2.4%	0.2%	-0.9%	-0.7%

## Trumbull Property Fund

### Characteristics

As of March 31, 2020 Market Value: \$10.6 Million and 3.7% of Fund

#### Characteristics

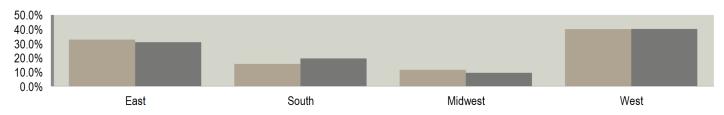
#### **Strategy Breakdown**

			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$19,396.0	Pre-Development	0.7%	New York, NY	14.7%
Fund NAV (\$MM)	\$15,527.0	Development	2.2%	Los Angeles, CA	11.1%
Cash (% of NAV)	1.5%	Initial Leasing	0.4%	Chicago, IL	9.8%
# of Investments	184	Operating	93.9%	San Fracisco, CA	8.0%
% in Top 10 by NAV	22.5%	Re-Development		Washington, DC	6.8%
Leverage %	18.6%	Other	2.8%		
Occupancy	93.4%				
# of MSAs	83	Queue In:		Queue Out:	
1-Year Dividend Yield	4.4%	Contribution Queue (\$MM)	\$25.00	Redemption Queue (\$MM)	\$8,300.00
As of Date	31-Mar-20	Anticipated Drawdown (Months)	0	Anticipated Payout (Months)	

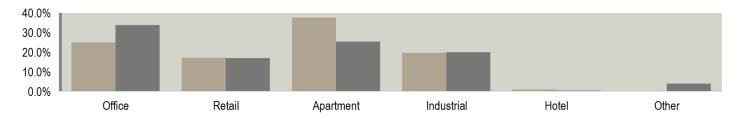
Top Ten Holdings Investment Detail

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#	Property	Type	Location	% of Fund NAV
1	Cambridge Side	Retail	Cambridge, MA	3.7%
2	Liberty Green-Liberty Luxe	Apartment	New York, NY	3.0%
3	120 Broadway	Office	New York, NY	2.7%
4	35 West Wacker	Office	Chicago, IL	2.7%
5	1177 Avenue of the Americas	Office	New York, NY	1.9%
6	135 West 50th Street	Office	New York, NY	1.8%
7	US Bancorp Tower	Office	Portland, OR	1.7%
8	555 17th Street	Office	Denver, CO	1.7%
9	Century Square	Office	Seattle, WA	1.6%
10	Crystal House I and II	Apartment	Arlington, VA	1.6%
Total				22.5%

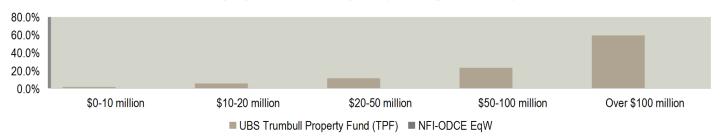
#### Regional Breakdown by NAV (Excluding Cash & Debt)



### Property Type Breakdown by NAV (Excluding Cash & Debt)



#### Property Size Breakdown by NAV (Excluding Cash & Debt)



### Trumbull Income Fund

### Characteristics

As of March 31, 2020 Market Value: \$10.1 Million and 3.5% of Fund

#### **Characteristics**

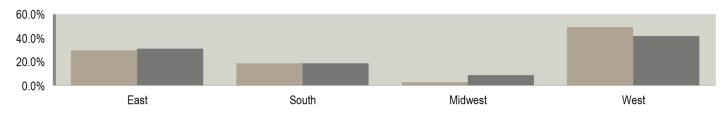
#### **Strategy Breakdown**

			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$3,794.0	Pre-Development		Los Angeles, CA	12.4%
Fund NAV (\$MM)	\$3,719.0	Development	17.3%	Boston, MA	11.0%
Cash (% of NAV)	6.4%	Initial Leasing		San Jose, CA	9.4%
# of Investments	54	Operating	82.0%	Washington DC, VA	9.4%
% in Top 10 by NAV	32.7%	Re-Development		San Diego, CA	8.3%
Leverage %	0.0%	Other	0.7%		
Occupancy	95.6%				
# of MSAs	20	Queue In:		Queue Out:	
1-Year Dividend Yield	4.1%	Contribution Queue (\$MM)	\$36.00	Redemption Queue (\$MM)	\$0.00
As of Date	31-Mar-20	Anticipated Drawdown (Months)	0	Anticipated Payout (Months)	0

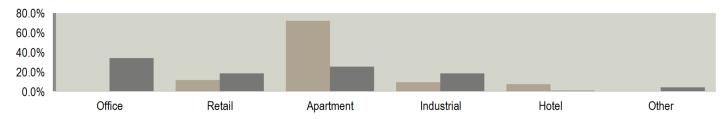
#### Top Ten Holdings Investment Detail

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#	Property	Туре	Location	% of Fund NAV
1	Latitude Med Center	Apartment	Houston, TX	4.3%
2	Orion	Apartment	Oakland, CA	3.7%
3	Anton 750	Apartment	Milpitas, CA	3.5%
4	Alexan Webster	Apartment	Oakland, CA	3.5%
5	Angelene	Apartment	Los Angeles, CA	3.4%
6	Parc Meridian at Eisenhower	Apartment	Arlington, VA	3.0%
7	Coppins Well	Apartment	Seattle, WA	2.9%
8	Meridian Courthouse Commons	Apartment	Arlington, VA	2.9%
9	Wareham Crossing	Retail	Wareham, MA	2.8%
10	McCarthy Ranch Industrial	Industrial	Milpitas, CA	2.7%
Total				32.7%

#### Regional Breakdown by NAV (Excluding Cash & Debt)



#### Property Type Breakdown by NAV (Excluding Cash & Debt)



#### Property Size Breakdown by NAV (Excluding Cash & Debt)



### Principal Enhanced Property Fund

### Characteristics

As of March 31, 2020 Market Value: \$13.2 Million and 4.6% of Fund

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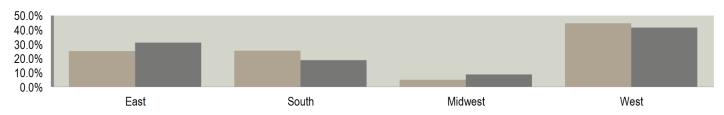
#### Strategy Breakdown

			% of Portfolio	Top Five Metro Areas	% of NAV
Fund GAV (\$MM)	\$3,844.1	Pre-Development	0.0%	Seattle, WA	12.3%
Fund NAV (\$MM)	\$2,211.1	Development	12.0%	Oakland, CA	11.0%
Cash (% of NAV)	1.0%	Initial Leasing	5.2%	Houston, TX	11.0%
# of Investments	54	Operating	82.8%	Phoenix, AZ	7.8%
% in Top 10 by NAV	38.8%	Re-Development	0.0%	Portland, OR	7.2%
Leverage %	36.2%	Other	0.0%		
Occupancy	90.6%				
# of MSAs	22	Queue In:		Queue Out:	
1-Year Dividend Yield	4.0%	Contribution Queue (\$MM)	\$91.50	Redemption Queue (\$MM)	\$52.93
As of Date	31-Mar-20	Anticipated Drawdown (Months)	6	Anticipated Payout (Months)	2

#### Top Ten Holdings Investment Detail

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#	Property	Туре	Location	% of Fund NAV
1	San Leandro Business Center	Industrial	Oakland, CA	5.8%
2	Broadway Tower	Office	Portland, OR	5.7%
3	Mid-South Logistics Center	Industrial	Nashville, TN	4.6%
4	Bay Area Business Park (Phase I)	Industrial	Houston, TX	4.1%
5	Piedmont Office	Office	Charlotte, NC	3.8%
6	Bay Center	Office	Oakland, CA	3.4%
7	M-Line Tower	Apartment	Dallas, TX	3.3%
8	Bay Area Business Park (Phase II)	Industrial	Houston, TX	2.9%
9	Oakesdale	Industrial	Seattle, WA	2.7%
10	Bellevue South 3)	Retail	Seattle, WA	2.6%
Total				38.9%

#### Regional Breakdown by NAV (Excluding Cash & Debt)



#### Property Type Breakdown by NAV (Excluding Cash & Debt)



#### Property Size Breakdown by NAV (Excluding Cash & Debt)



## **Total Fund Composite**

## Fee Schedule

Market Value: \$289.0 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee <sup>1</sup>	Industry Average <sup>2</sup>
Core Fixed Income	Mesirow Core Fixed Income (Chicago Equity I	legar 0.25% on the first \$25 million 0.20% on the next \$75 million 0.15% on the Balance	0.25% \$46,215	0.30%
Core Fixed Income	LM Capital	0.15% on the first \$100 million 0.10% on the Balance	0.15% \$25,653	0.30%
Core Fixed Income	MacKay Shields	0.35% on the first \$25 million 0.25% on the next \$75 million 0.20% on the Balance	0.35% \$61,984	0.30%
MBS Fixed Income	Ullico - W1	0.85% on the first \$100 million 0.70% on the balance	0.85% \$73,034	1.00%
All-Cap Core	NTGI Wilshire 5000	0.02% on the balance	0.02% \$6,652	0.04%
Large-Cap Value	Great Lakes	0.35% on the Balance	0.35% \$44,738	0.60%
Mid-Cap Core	NTGI S&P 400	0.015% on the Balance	0.015% \$912	0.04%
Smid-Cap Value	Ariel	0.60% on the Balance	0.60% \$112,652	0.88%
Non-U.S. All-Cap Core	NTGI ACWI ex. U.S.	0.035% on the Balance	0.04% \$5,978	0.10%
Non-U.S. Large-Cap Core	Ativo International Equity ex US	0.60% on the Balance	0.60% \$73,612	0.76%
Non-U.S. Large-Cap Core	Denali Advisors	0.75% on the first \$50 million 0.65% on the next \$50 million 0.50% on the Balance	0.75% \$29,175	0.95%
Non-U.S. Small-Cap Growth	William Blair	1.08% on the Balance	1.08% \$144,270	1.36%
Emerging Markets	NTGI Emerging Markets	0.08% on the Balance	0.08% \$4,465	0.90%
Long/Short Hedge Fund	Parametric	0.325% on the Balance	0.32% \$67,655	1.00%

## **Total Fund Composite**

### Fee Schedule

Market Value: \$289.0 Million and 100.0% of Fund

Asset Class	Investment Manager	Fee Schedule	Expense Ratio & Estimated Annual Fee <sup>1</sup>	Industry Average <sup>2</sup>
Core Real Estate	Trumbull Property Fund	0.955% on the first \$10 million 0.825% on the next \$15 million 0.805% on the next \$25 million 0.79% on the next \$75 million 0.67% on the next \$150 million 0.60% on the Balance	0.95% \$100,197	1.00%
Core Real Estate	Trumbull Income Fund	0.97% on the first \$10 million 0.845% on the next \$15 million 0.815% on the next \$75 million 0.79% on the next \$150 million 0.76% on the Balance	0.97% \$97,716	1.00%
Value-Added Real Estate	Principal Enhanced Property Fund	1.30% on the first \$10 million 1.20% on the next \$50 million	1.28% \$168,802	1.00%
LBO Private Equity FoF	HarbourVest VII - Buyout Fund	0.30% on the Balance Discounted Fee Schedule	0.30% \$1,777	2.00%
Mezz./Special Sit. Private Equity FoF	HarbourVest VII - Mezzanine Fund	0.30% on the Balance Discounted Fee Schedule	0.30% \$184	1.50%
Venture Private Equity FoF	HarbourVest VII - Venture Fund	0.30% on the Balance Discounted Fee Schedule	0.30% \$3,112	2.25%
Global Divers. Private Equity FoF	HarbourVest 2017 - Global Fund	0.69% on Commitment	0.69% \$51,750	2.13%
U.S. Private Equity FoF	Mesirow Fund III	1.00% on Commitment	1.00% \$70,000	1.25%
U.S. Private Equity FoF	Mesirow Fund IV	1.00% on Commitment	1.00% \$100,000	1.25%
Private Equity Co-Investment	Mesirow Fund IX	0.53% on Commitment	0.53% \$15,900	1.25%
U.S. Private Equity FoF	Mesirow Fund VII-A	1.00% on Commitment	1.00% \$75,000	1.25%
U.S. Private Equity FoF	NYLCAP Fund I	1.00% on Commitment	1.00% \$100,000	1.25%
U.S. Private Equity FoF	PineBridge V	0.85% on Commitment	0.85% \$85,000	1.25%
Core Infrastructure	Ullico - Infrastructure	1.75% on the Balance	1.75% \$213,959	1.50%
Global Infrastructure	IFM Global Infrastructure (U.S)	0.77% on the Balance	0.77% \$88,194	1.50%
Total Investment Management Fee	5		0.65% \$1,868,585	0.70%

<sup>&</sup>lt;sup>1</sup> Expense Ratio & Estimated Annual Fee are Based on Market Value at Month End.



<sup>&</sup>lt;sup>2</sup> Source: 2019 Marquette Associates Investment Management Fee Study.

### **DISCLOSURE**

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