



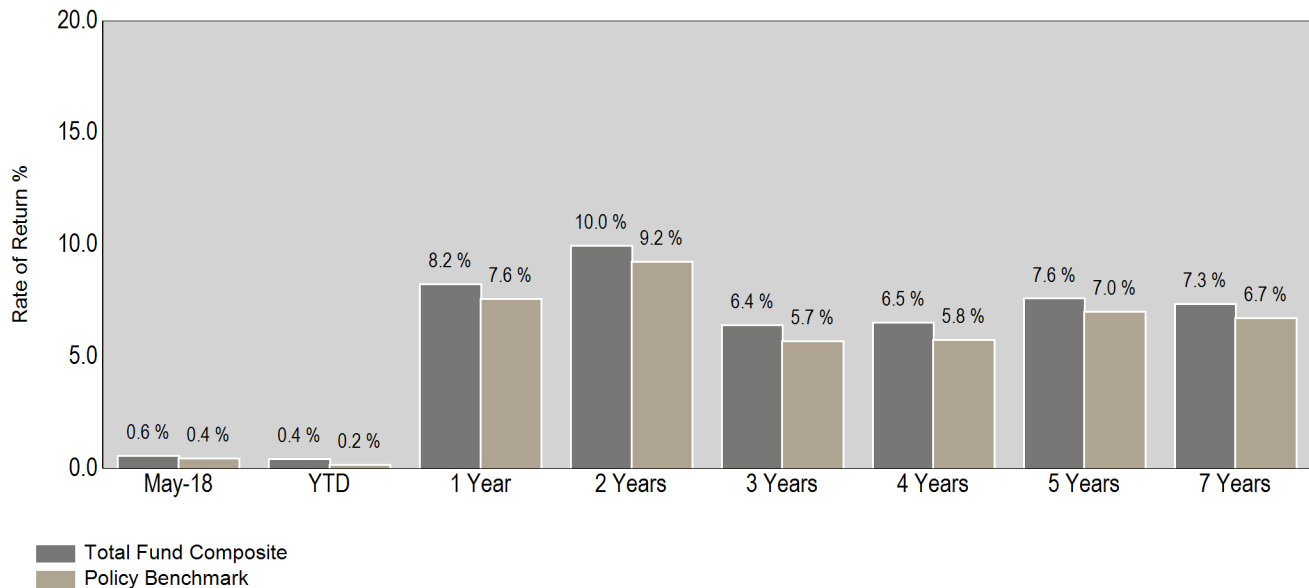
MEABF

Municipal Employees'
Annuity & Benefit Fund of Chicago

Monthly Update

May 31, 2018

**Net Return Summary
Ending May 31, 2018**



Net Return Summary YTD

Asset Allocation vs. Target

Total Return		Current	Current	Policy	Difference	%
Total Fund Composite	0.4%	Fixed Income	\$1,039,656,242	24.7%	27.0%	-\$95,316,340 -2.3%
Fixed Income Composite	-0.3%	U.S. Equity	\$1,092,684,110	26.0%	26.0%	-\$252,451 0.0%
U.S. Equity Composite	1.9%	Non-U.S. Equity	\$940,646,997	22.4%	22.0%	\$15,854,523 0.4%
International Equity Composite	-1.2%	Hedge Funds	\$424,409,042	10.1%	10.0%	\$4,048,826 0.1%
Hedge Fund Composite	1.2%	Real Assets	\$417,866,035	9.9%	10.0%	-\$2,494,180 -0.1%
Real Estate Composite	2.1%	Private Equity	\$191,484,616	4.6%	5.0%	-\$18,695,492 -0.4%
Open-End Real Estate Comp	2.5%	Other	\$96,855,114	2.3%	0.0%	\$96,855,114 2.3%
Total		\$4,203,602,157	100.0%	100.0%		

Summary of Cash Flows

	Last Month	Year-To-Date	One Year	Three Years	Five Years	Seven Years
Beginning Market Value	\$4,239,086,326.74	\$4,298,411,954.93	\$4,362,567,241.21	\$5,072,073,941.58	\$5,180,129,713.89	\$5,443,673,156.08
Net Cash Flow	-\$59,617,664.27	-\$116,740,269.35	-\$507,926,838.85	-\$1,678,527,165.06	-\$2,731,443,562.74	-\$3,657,968,978.85
Net Investment Change	\$24,133,494.20	\$21,930,471.09	\$348,961,754.31	\$810,055,380.15	\$1,754,916,005.52	\$2,417,897,979.44
Ending Market Value	\$4,203,602,156.67	\$4,203,602,156.67	\$4,203,602,156.67	\$4,203,602,156.67	\$4,203,602,156.67	\$4,203,602,156.67

Total Fund Composite

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	Asset Class	Market Value 4/30/18 (\$)	1 Mo Net Cash Flows (\$)	Market Value 5/31/18 (\$)	% of Portfolio	Policy %
Total Fund Composite		4,239,086,327	-60,151,297	4,203,602,157	100.0	100.0
Fixed Income Composite		1,043,027,264	-10,189,626	1,039,630,604	24.7	27.0
Neuberger Berman	Core Plus Fixed Income	51,696,624	-10,003,578	42,053,185	1.0	
LM Capital	Core Fixed Income	263,057,513	-32,088	264,630,890	6.3	
UBS	Core Fixed Income	67,524,404	-5,664	67,968,403	1.6	
Segall Bryant & Hamill	Int. Fixed Income	240,062,936	-16,946	241,692,725	5.7	
MacKay Shields	High Yield Fixed Income	164,556,260	-62,644	164,416,583	3.9	
Crescent High Income Fund	High Yield Fixed Income	55,790,117	0	55,866,904	1.3	
Symphony	Senior Secured Loans	200,339,410	-68,705	203,001,912	4.8	
U.S. Equity Composite		1,080,623,791	-15,070,446	1,092,684,110	26.0	26.0
FIS Group U.S. Equity		71,588,270	0	73,610,956	1.8	--
Great Lakes	Large-Cap Value	100,349,793	-25,181	100,871,169	2.4	
RhumbLine S&P 500 Index	Large-Cap Core	510,477,285	-7,576	522,719,781	12.4	
RhumbLine S&P 400 Growth	Mid-Cap Growth	176,017,162	0	183,117,249	4.4	
Ariel Investments	Smid-Cap Value	135,295,024	-25,037,349	112,482,659	2.7	
Kayne Anderson SCV	Small-Cap Value	--	49,845,352	50,026,428	1.2	
Nuveen SCV	Small-Cap Value	--	49,373,723	49,621,303	1.2	
Keeley	Small-Cap Value	86,826,760	-89,219,415	164,946	0.0	
International Equity Composite		980,290,756	-25,283,305	940,646,997	22.4	22.0
FIS Group Non-U.S. Equity		83,762,027	-1,157	82,248,792	2.0	--
NTGI MSCI ACWI ex. U.S. Index Fund	Non-U.S. All-Cap Core	202,570,370	-13,305	197,896,267	4.7	
LSV	Non-U.S. Large-Cap Value	114,116,297	-56,291	110,382,374	2.6	
Cornerstone	Non-U.S. Large-Cap Core	107,470,415	-25,034,975	83,700,139	2.0	
Walter Scott & Partners	Non-U.S. Large-Cap Growth	103,502,257	-72,791	103,809,722	2.5	
NTGI Small Cap International Index	Non-U.S. Small-Cap Core	94,779,702	-6,444	94,101,360	2.2	
Segall Bryant & Hamill	Non-U.S. Small-Cap Core	118,213,505	-2,160	115,209,922	2.7	
William Blair	Emerging Markets	155,876,182	-96,182	153,298,423	3.6	
Hedge Fund Composite		417,946,841	0	424,409,042	10.1	10.0
Rock Creek Georgetown Fund	Hedged Equity Hedge FoF	209,962,840	0	213,532,208	5.1	
K2 Long Short Fund	Hedged Equity Hedge FoF	106,413,501	0	107,553,720	2.6	
Parametric Defensive Equity	Defensive Equity	51,656,993	0	52,514,499	1.2	
Neuberger Berman S&P 500 PutWrite	Defensive Equity	49,913,507	0	50,808,614	1.2	

Total Fund Composite

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	Asset Class	Market Value 4/30/18 (\$)	1 Mo Net Cash Flows (\$)	Market Value 5/31/18 (\$)	% of Portfolio	Policy %
Real Estate Composite		428,441,656	-11,601,737	417,866,035	9.9	10.0
Open-End Real Estate Comp		353,007,190	0	354,033,307	8.4	--
American Core Realty Fund, LLC	Core Real Estate	92,967,612	0	92,967,612	2.2	
AFL-CIO Building Investment Trust	Core Real Estate	124,681,588	0	124,681,588	3.0	
JPMorgan Strategic Property Fund	Core Real Estate	135,357,990	0	136,384,107	3.2	
Closed-End Real Estate Composite		75,434,465	-11,601,737	63,832,728	1.5	--
Private Equity Composite		193,741,351	-2,256,735	191,484,616	4.6	5.0
Fund of Funds Private Equity Composite		82,991,163	-1,517,989	81,473,174	1.9	--
Direct Investment Private Equity Composite		110,750,188	-738,746	110,011,442	2.6	--
Cash Accounts		95,014,669	4,250,553	96,880,753	2.3	0.0

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	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	0.2	0.4	8.2	10.0	6.4	6.5	7.6	7.3	5.6	--	
Policy Benchmark	0.4	-0.1	0.2	7.6	9.2	5.7	5.8	7.0	6.7	4.6	--	
Actuarial Rate	0.6	1.7	2.9	7.4	7.4	7.5	7.5	7.5	7.5	7.7	--	
Fixed Income Composite	0.6	0.6	-0.3	1.1	3.1	2.9	2.9	3.0	3.7	4.4	--	
BBgBarc US Aggregate TR	0.7	0.6	-1.5	-0.4	0.6	1.4	1.8	2.0	2.5	3.7	--	
Neuberger Berman	0.7	0.6	-1.6	-0.5	0.5	1.4	1.8	2.1	2.7	4.2	4.6	May-01
BBgBarc US Aggregate TR	0.7	0.6	-1.5	-0.4	0.6	1.4	1.8	2.0	2.5	3.7	4.5	May-01
LM Capital	0.6	0.3	-1.8	-1.0	0.3	1.3	1.8	2.0	2.6	--	3.8	Mar-09
BBgBarc US Aggregate TR	0.7	0.6	-1.5	-0.4	0.6	1.4	1.8	2.0	2.5	3.7	3.6	Mar-09
UBS	0.6	0.5	-1.5	0.0	0.9	1.4	1.7	1.9	2.6	--	2.8	Jul-10
BBgBarc US Aggregate TR	0.7	0.6	-1.5	-0.4	0.6	1.4	1.8	2.0	2.5	3.7	2.7	Jul-10
Segall Bryant & Hamill	0.7	0.5	-0.9	-0.5	0.4	1.1	1.4	1.5	2.2	--	3.4	Apr-09
BBgBarc US Govt/Credit Int TR	0.6	0.4	-0.9	-0.7	0.3	1.0	1.3	1.4	1.9	3.1	3.0	Apr-09
MacKay Shields	-0.1	-0.1	-0.1	2.9	7.9	5.4	4.9	5.3	6.5	--	9.5	Apr-09
BBgBarc US High Yield TR	0.0	0.0	-0.2	2.3	7.8	4.9	4.1	4.9	6.1	7.8	10.4	Apr-09
BarCap Ba High Yield	-0.4	-0.8	-1.8	1.0	5.4	4.2	4.2	4.8	6.0	8.1	9.4	Apr-09
Crescent High Income Fund	0.1	-0.2	-0.4	1.7	--	--	--	--	--	--	6.0	Jul-16
50% BarCap HY / 50% CSFB Lev Loans	0.1	0.5	1.0	3.4	6.9	4.5	4.0	4.5	5.3	6.5	7.0	Jul-16
Symphony	1.3	1.7	3.0	4.4	5.3	4.2	3.9	4.2	4.9	--	6.4	Aug-09
Credit Suisse Leveraged Loans	0.2	1.0	2.3	4.5	6.0	4.2	3.9	4.1	4.5	5.0	6.0	Aug-09
S&P/LSTA U.S. Leveraged Loan 100 Index	0.0	0.7	1.8	3.5	5.1	3.4	3.0	3.2	3.9	4.9	5.3	Aug-09
U.S. Equity Composite	2.5	1.1	1.9	14.2	15.2	9.0	9.5	11.2	11.1	8.8	--	
Wilshire 5000 Total Market	2.8	1.0	2.4	14.9	16.4	11.0	11.1	12.9	12.6	9.2	--	
S&P 500	2.4	0.2	2.0	14.4	15.9	11.0	11.2	13.0	12.9	9.1	--	
Russell 2000	6.1	8.4	6.9	20.8	20.6	11.0	11.1	12.2	11.3	9.6	--	
FIS Group U.S. Equity	2.8	3.3	1.6	12.6	13.5	7.2	8.2	10.6	10.2	8.9	12.7	Jul-10
FIS Group U.S. Equity Benchmark	3.7	4.6	2.9	14.6	14.8	8.8	9.5	11.5	11.3	8.9	13.6	Jul-10
Great Lakes	0.5	-2.2	-3.1	9.2	12.7	8.3	8.5	10.9	11.3	8.2	10.3	Mar-91
Russell 1000 Value	0.6	-0.8	-1.9	8.2	11.4	7.4	7.8	10.1	10.9	7.4	10.0	Mar-91
RhumbLine S&P 500 Index	2.4	0.2	2.1	14.3	15.8	11.0	11.2	12.9	12.9	--	10.4	Aug-08
S&P 500	2.4	0.2	2.0	14.4	15.9	11.0	11.2	13.0	12.9	9.1	10.3	Aug-08
RhumbLine S&P 400 Growth	4.0	3.9	4.3	--	--	--	--	--	--	--	11.7	Sep-17
S&P 400 MidCap Growth	4.0	3.9	4.3	16.5	16.7	10.8	11.7	12.5	11.6	10.4	11.6	Sep-17

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Ariel Investments	1.5	-2.8	0.5	11.3	14.4	6.8	10.1	12.3	11.3	10.7	12.7	Jun-84
<i>Russell 2500 Value</i>	4.1	6.4	2.5	13.8	14.9	9.2	8.5	10.4	10.6	9.0	--	Jun-84
Keyne Anderson SCV	--	--	--	--	--	--	--	--	--	--	--	May-18
<i>Russell 2000 Value</i>	5.8	9.0	4.8	16.4	18.7	11.0	9.5	11.0	10.6	8.7	--	May-18
Nuveen SCV	--	--	--	--	--	--	--	--	--	--	--	May-18
<i>Russell 2000 Value</i>	5.8	9.0	4.8	16.4	18.7	11.0	9.5	11.0	10.6	8.7	--	May-18
Keeley	2.9	5.6	2.9	12.8	13.1	6.2	5.5	7.5	9.8	6.9	11.5	Dec-92
<i>Keeley SCV Custom Benchmark</i>	5.8	9.0	4.8	16.4	18.7	11.0	9.5	11.0	10.6	7.8	10.9	Dec-92
International Equity Composite	-1.5	-1.6	-1.2	12.2	14.8	7.1	5.5	7.4	5.7	5.1	--	--
<i>MSCI ACWI ex USA</i>	-2.3	-2.5	-1.9	9.7	13.9	4.7	3.3	5.5	3.9	1.9	--	--
<i>MSCI EAFE</i>	-2.2	-1.8	-1.5	8.0	12.1	4.3	3.1	5.9	4.9	2.1	--	--
FIS Group Non-U.S. Equity	-1.8	-2.5	-1.6	12.7	10.0	5.6	4.4	7.2	--	--	8.8	Aug-12
<i>FIS Group Non-U.S. Equity Benchmark</i>	-2.1	-2.5	-1.3	11.5	14.5	5.9	4.2	6.7	--	--	8.7	Aug-12
NTGI MSCI ACWI ex. U.S. Index Fund	-2.3	-2.4	-1.9	9.7	14.1	5.0	3.6	5.7	4.1	--	8.6	Oct-08
<i>MSCI ACWI ex USA</i>	-2.3	-2.5	-1.9	9.7	13.9	4.7	3.3	5.5	3.9	1.9	8.3	Oct-08
LSV	-3.3	-3.1	-2.7	7.8	13.6	6.8	4.7	7.6	5.9	3.4	5.9	Apr-05
<i>MSCI EAFE Value</i>	-4.3	-3.8	-3.4	5.9	12.0	2.7	1.2	4.8	3.9	1.3	4.3	Apr-05
Cornerstone	1.3	3.5	3.0	14.4	14.0	8.6	7.2	8.6	7.1	5.3	7.4	Nov-04
<i>MSCI EAFE</i>	-2.2	-1.8	-1.5	8.0	12.1	4.3	3.1	5.9	4.9	2.1	5.2	Nov-04
Walter Scott & Partners	0.2	0.3	-0.3	8.5	13.2	7.3	6.3	6.8	5.7	4.1	6.9	Nov-04
<i>MSCI EAFE</i>	-2.2	-1.8	-1.5	8.0	12.1	4.3	3.1	5.9	4.9	2.1	5.2	Nov-04
<i>MSCI EAFE Growth</i>	-0.2	0.1	0.2	10.0	12.2	5.9	4.9	7.0	5.7	2.8	6.0	Nov-04
NTGI Small Cap International Index	-0.7	-0.2	0.4	14.1	14.9	9.6	7.1	9.8	7.2	--	13.2	Oct-08
<i>MSCI World ex USA Small Cap</i>	-0.7	-0.3	0.3	14.2	14.9	9.5	7.0	9.8	7.1	5.4	13.0	Oct-08
Segall Bryant & Hamill	-2.5	-2.2	-1.1	13.7	--	--	--	--	--	--	16.4	Sep-16
<i>MSCI EAFE Small Cap</i>	-1.0	-0.7	0.6	14.7	15.7	10.3	8.2	10.9	8.4	6.1	17.1	Sep-16
William Blair	-1.7	-4.3	-3.3	18.9	20.3	6.7	6.3	6.5	5.2	2.7	8.6	Jul-05
<i>MSCI Emerging Markets IMI</i>	-3.4	-5.5	-2.5	14.0	20.0	5.8	4.5	4.4	1.8	1.9	7.5	Jul-05

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Hedge Fund Composite	1.5	1.1	1.2	5.0	7.6	2.4	4.6	5.6	5.5	--	--	
<i>HFRX Equity Hedge Index</i>	0.3	-0.9	0.9	7.9	6.7	1.7	2.5	2.8	1.4	-0.5	--	
Rock Creek Georgetown Fund	1.7	1.2	2.2	5.3	8.6	3.4	5.4	6.0	6.1	--	6.1	Jan-09
<i>HFRX Equity Hedge Index</i>	0.3	-0.9	0.9	7.9	6.7	1.7	2.5	2.8	1.4	-0.5	2.7	Jan-09
K2 Long Short Fund	1.1	0.7	1.0	4.5	6.2	1.2	3.6	5.0	4.8	--	5.0	Jan-09
<i>HFRX Equity Hedge Index</i>	0.3	-0.9	0.9	7.9	6.7	1.7	2.5	2.8	1.4	-0.5	2.7	Jan-09
Parametric Defensive Equity	1.7	1.1	0.5	--	--	--	--	--	--	--	5.0	Jul-17
<i>50% S&P 500/50% 91 Day T-Bill</i>	1.3	0.3	1.4	7.8	8.2	5.8	5.8	6.6	6.6	4.9	6.2	Jul-17
Neuberger Berman S&P 500 PutWrite	1.8	1.2	-1.4	--	--	--	--	--	--	--	1.6	Aug-17
<i>CBOE Put Write Index</i>	2.0	2.7	1.4	6.2	9.8	7.6	6.8	8.0	7.7	6.2	4.5	Aug-17
Real Estate Composite	0.2	1.6	2.1	7.0	6.9	8.9	9.8	10.4	10.7	3.4	--	
<i>NFI</i>	0.0	0.6	1.7	5.9	6.5	8.0	9.2	9.6	10.1	6.1	--	
Open-End Real Estate Comp	0.3	1.9	2.5	6.8	6.7	8.7	9.5	10.3	10.8	4.0	--	
<i>NFI</i>	0.0	0.7	2.0	6.1	6.6	8.2	9.4	9.9	10.3	4.2	--	
American Core Realty Fund, LLC	0.0	2.0	2.0	7.1	6.4	8.3	9.2	9.8	10.2	3.8	6.3	Nov-03
<i>NFI</i>	0.0	0.7	2.0	6.1	6.6	8.2	9.4	9.9	10.3	4.2	7.2	Nov-03
AFL-CIO Building Investment Trust	0.0	2.1	2.1	6.1	5.6	8.3	8.8	9.5	10.0	4.1	6.3	Jun-02
<i>NFI</i>	0.0	0.7	2.0	6.1	6.6	8.2	9.4	9.9	10.3	4.2	7.2	Jun-02
JPMorgan Strategic Property Fund	0.8	1.6	3.1	7.2	7.0	8.3	9.2	10.1	10.7	4.8	8.0	Jun-02
<i>NFI</i>	0.0	0.7	2.0	6.1	6.6	8.2	9.4	9.9	10.3	4.2	7.2	Jun-02

Investment Manager

Calendar Performance (Net of Fees)

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Total Fund Composite	0.4	15.2	6.6	2.1	5.1	16.1	12.8	0.1	14.2	19.6	-28.6
Policy Benchmark	0.2	14.5	6.4	0.6	5.8	14.3	11.4	-0.4	12.8	13.2	-26.7
Actuarial Rate	2.9	7.5	7.5	7.5	7.5	7.5	7.5	8.0	8.0	8.0	8.0
Fixed Income Composite	-0.3	4.0	6.5	0.6	4.3	0.4	7.0	6.7	8.0	10.6	-4.6
BBgBarc US Aggregate TR	-1.5	3.5	2.6	0.5	6.0	-2.0	4.2	7.8	6.5	5.9	5.2
Neuberger Berman	-1.6	3.5	2.8	0.6	6.2	-2.0	5.4	7.6	8.7	13.0	-1.7
BBgBarc US Aggregate TR	-1.5	3.5	2.6	0.5	6.0	-2.0	4.2	7.8	6.5	5.9	5.2
LM Capital	-1.8	3.3	2.2	1.5	5.5	-1.7	5.3	7.3	6.2	--	--
BBgBarc US Aggregate TR	-1.5	3.5	2.6	0.5	6.0	-2.0	4.2	7.8	6.5	5.9	5.2
UBS	-1.5	4.2	2.5	-0.1	5.9	-1.9	5.4	7.3	--	--	--
BBgBarc US Aggregate TR	-1.5	3.5	2.6	0.5	6.0	-2.0	4.2	7.8	6.5	5.9	5.2
Segall Bryant & Hamill	-0.9	2.3	2.1	1.3	3.4	-0.8	4.7	6.3	6.7	--	--
BBgBarc US Govt/Credit Int TR	-0.9	2.1	2.1	1.1	3.1	-0.9	3.9	5.8	5.9	5.2	5.1
MacKay Shields	-0.1	7.4	16.2	-1.0	2.1	6.4	13.9	6.6	12.4	--	--
BBgBarc US High Yield TR	-0.2	7.5	17.1	-4.5	2.5	7.4	15.8	5.0	15.1	58.2	-26.2
BarCap Ba High Yield	-1.8	7.3	12.8	-1.0	5.4	5.1	14.6	6.8	14.6	46.1	-17.5
Crescent High Income Fund	-0.4	5.5	--	--	--	--	--	--	--	--	--
50% BarCap HY / 50% CSFB Lev Loans	1.0	5.9	13.5	-2.4	2.3	6.8	12.6	3.4	12.5	51.5	-27.3
Symphony	3.0	3.2	8.2	1.2	1.8	7.2	9.7	3.8	11.7	--	--
Credit Suisse Leveraged Loans	2.3	4.2	9.9	-0.4	2.1	6.2	9.4	1.8	10.0	44.9	-28.8
S&P/LSTA U.S. Leveraged Loan 100 Index	1.8	3.3	10.9	-2.8	1.0	5.0	10.5	0.6	9.7	52.2	-28.2
U.S. Equity Composite	1.9	19.8	11.3	-0.7	8.6	33.6	16.2	0.4	20.5	34.2	-38.7
Wilshire 5000 Total Market	2.4	21.0	13.4	0.7	12.7	33.1	16.1	1.0	17.2	28.3	-37.2
S&P 500	2.0	21.8	12.0	1.4	13.7	32.4	16.0	2.1	15.1	26.5	-37.0
Russell 2000	6.9	14.6	21.3	-4.4	4.9	38.8	16.3	-4.2	26.9	27.2	-33.8
FIS Group U.S. Equity	1.6	13.8	14.1	-2.7	10.0	35.3	13.4	-0.5	19.7	33.4	--
FIS Group U.S. Equity Benchmark	2.9	13.8	16.5	-1.6	9.8	35.2	16.8	-1.3	21.4	28.0	-35.6
Great Lakes	-3.1	18.3	15.4	-1.4	11.4	34.9	13.5	4.8	17.7	22.5	-37.2
Russell 1000 Value	-1.9	13.7	17.3	-3.8	13.5	32.5	17.5	0.4	15.5	19.7	-36.8
RhumbLine S&P 500 Index	2.1	21.6	11.8	1.6	13.6	32.3	16.3	2.4	14.8	26.6	--
S&P 500	2.0	21.8	12.0	1.4	13.7	32.4	16.0	2.1	15.1	26.5	-37.0
RhumbLine S&P 400 Growth	4.3	--	--	--	--	--	--	--	--	--	--
S&P 400 MidCap Growth	4.3	19.9	14.8	2.0	7.6	32.8	17.3	-0.9	30.6	41.1	-37.6

Investment Manager

Calendar Performance (Net of Fees)

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Ariel Investments	0.5	17.1	12.9	-2.5	13.2	43.5	20.0	-9.3	26.1	65.7	-46.8
<i>Russell 2500 Value</i>	2.5	10.4	25.2	-5.5	7.1	33.3	19.2	-3.4	24.8	27.7	-32.0
Kayne Anderson SCV	--	--	--	--	--	--	--	--	--	--	--
<i>Russell 2000 Value</i>	4.8	7.8	31.7	-7.5	4.2	34.5	18.0	-5.5	24.5	20.6	-28.9
Nuveen SCV	--	--	--	--	--	--	--	--	--	--	--
<i>Russell 2000 Value</i>	4.8	7.8	31.7	-7.5	4.2	34.5	18.0	-5.5	24.5	20.6	-28.9
Keeley	2.9	6.5	20.2	-7.6	1.5	37.3	28.2	-3.9	26.8	38.3	-45.1
<i>Keeley SCV Custom Benchmark</i>	4.8	7.8	31.7	-7.5	4.2	34.5	18.0	-5.5	24.5	29.2	-38.4
International Equity Composite	-1.2	32.2	2.6	-1.1	-2.9	17.6	18.3	-13.8	15.3	41.6	-36.6
<i>MSCI ACWI ex USA</i>	-1.9	27.2	4.5	-5.7	-3.9	15.3	16.8	-13.7	11.2	41.4	-45.5
<i>MSCI EAFE</i>	-1.5	25.0	1.0	-0.8	-4.9	22.8	17.3	-12.1	7.8	31.8	-43.4
FIS Group Non-U.S. Equity	-1.6	29.4	-3.8	3.8	-5.1	25.2	--	--	--	--	--
<i>FIS Group Non-U.S. Equity Benchmark</i>	-1.3	29.2	2.7	-2.2	-4.6	20.5	--	--	--	--	--
NTGI MSCI ACWI ex. U.S. Index Fund	-1.9	27.4	4.8	-5.3	-3.7	15.6	17.1	-13.5	11.3	41.6	--
<i>MSCI ACWI ex USA</i>	-1.9	27.2	4.5	-5.7	-3.9	15.3	16.8	-13.7	11.2	41.4	-45.5
LSV	-2.7	25.7	6.3	3.4	-7.6	25.8	17.2	-12.0	12.0	34.5	-44.4
<i>MSCI EAFE Value</i>	-3.4	21.4	5.0	-5.7	-5.4	23.0	17.7	-12.2	3.2	34.2	-44.1
Cornerstone	3.0	32.5	-5.1	7.6	-0.6	18.6	19.1	-12.9	5.4	21.3	-24.8
<i>MSCI EAFE</i>	-1.5	25.0	1.0	-0.8	-4.9	22.8	17.3	-12.1	7.8	31.8	-43.4
Walter Scott & Partners	-0.3	27.3	4.8	0.5	-3.1	11.5	20.2	-10.5	11.3	29.5	-33.1
<i>MSCI EAFE</i>	-1.5	25.0	1.0	-0.8	-4.9	22.8	17.3	-12.1	7.8	31.8	-43.4
<i>MSCI EAFE Growth</i>	0.2	28.9	-3.0	4.1	-4.4	22.5	16.9	-12.1	12.2	29.4	-42.7
NTGI Small Cap International Index	0.4	31.0	4.3	5.5	-5.2	25.6	17.7	-15.2	24.4	50.9	--
<i>MSCI World ex USA Small Cap</i>	0.3	31.0	4.3	5.5	-5.3	25.6	17.5	-15.8	24.5	50.8	-48.0
Segall Bryant & Hamill	-1.1	33.4	--	--	--	--	--	--	--	--	--
<i>MSCI EAFE Small Cap</i>	0.6	33.0	2.2	9.6	-4.9	29.3	20.0	-15.9	22.0	46.8	-47.0
William Blair	-3.3	49.8	1.8	-14.0	6.2	4.1	22.1	-16.8	23.9	79.0	-62.1
<i>MSCI Emerging Markets IMI</i>	-2.5	36.8	9.9	-13.9	-1.8	-2.2	18.7	-19.5	19.9	82.4	-53.8

Investment Manager

Calendar Performance (Net of Fees)

Market Value: \$4,203.6 Million and 100.0% of Fund

Ending May 31, 2018

	YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Hedge Fund Composite	1.2	10.7	-1.1	3.4	5.4	17.6	9.3	-4.7	5.3	--	--
<i>HFRX Equity Hedge Index</i>	0.9	10.0	0.1	-2.3	1.4	11.1	4.8	-19.1	8.9	13.1	-25.5
Rock Creek Georgetown Fund	2.2	11.2	-0.9	4.8	5.2	17.6	9.8	-4.0	6.0	--	--
<i>HFRX Equity Hedge Index</i>	0.9	10.0	0.1	-2.3	1.4	11.1	4.8	-19.1	8.9	13.1	-25.5
K2 Long Short Fund	1.0	8.5	-1.5	2.5	5.5	17.6	8.8	-5.5	4.5	--	--
<i>HFRX Equity Hedge Index</i>	0.9	10.0	0.1	-2.3	1.4	11.1	4.8	-19.1	8.9	13.1	-25.5
Parametric Defensive Equity	0.5	--	--	--	--	--	--	--	--	--	--
<i>50% S&P 500/50% 91 Day T-Bill</i>	1.4	10.9	6.1	0.9	6.7	15.3	7.9	1.4	7.8	13.3	-19.4
Neuberger Berman S&P 500 PutWrite	-1.4	--	--	--	--	--	--	--	--	--	--
<i>CBOE Put Write Index</i>	1.4	10.8	7.8	6.4	6.4	12.3	8.1	6.2	9.0	31.5	-26.8
Real Estate Composite	2.1	6.4	7.6	14.2	11.7	12.4	9.3	15.3	16.9	-31.8	-16.2
<i>NFI</i>	1.7	7.0	8.0	13.3	11.8	11.0	10.5	14.3	13.1	-16.9	-6.5
Open-End Real Estate Comp	2.5	5.8	7.4	14.6	11.5	12.7	10.7	15.0	14.8	-31.6	-11.1
<i>NFI</i>	2.0	6.7	7.8	13.9	11.5	12.9	9.8	15.0	15.3	-30.4	-10.7
American Core Realty Fund, LLC	2.0	7.2	6.1	14.3	10.6	11.3	10.2	13.8	10.0	-30.8	-6.3
<i>NFI</i>	2.0	6.7	7.8	13.9	11.5	12.9	9.8	15.0	15.3	-30.4	-10.7
AFL-CIO Building Investment Trust	2.1	4.5	6.8	14.3	12.0	9.7	10.8	12.5	13.0	-25.5	-10.1
<i>NFI</i>	2.0	6.7	7.8	13.9	11.5	12.9	9.8	15.0	15.3	-30.4	-10.7
JPMorgan Strategic Property Fund	3.1	6.3	7.3	14.1	10.1	14.8	11.0	14.9	13.0	-27.1	-9.0
<i>NFI</i>	2.0	6.7	7.8	13.9	11.5	12.9	9.8	15.0	15.3	-30.4	-10.7

FIS Group Composite

Annualized Performance (Net of Fees)

Market Value: \$156.1 Million and 3.7% of Fund

Ending May 31, 2018

	Market Value	% of Portfolio	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
FIS Group Composite	156,065,414	100.0	0.3	0.1	-0.2	11.6	13.3	7.4	7.7	10.2	--	12.3	Jul-10
<i>FIS Group Dynamic Benchmark</i>			0.5	0.7	0.7	13.0	15.8	8.8	8.8	10.7	8.5	13.0	Jul-10
FIS Group U.S. Equity	73,610,956	47.2	2.8	3.3	1.6	12.6	13.5	7.2	8.2	10.6	--	12.7	Jul-10
<i>FIS Group U.S. Equity Benchmark</i>			3.7	4.6	2.9	14.6	14.8	8.8	9.5	11.5	8.9	13.6	Jul-10
Edgar Lomax	11,460,047	7.3	0.2	-0.5	-2.5	11.5	13.0	9.0	9.1	11.5	--	13.3	Oct-11
<i>Russell 1000 Value</i>			0.6	-0.8	-1.9	8.2	11.4	7.4	7.8	10.1	7.4	13.2	Oct-11
Oakbrook Investment	28,314,162	18.1	2.0	2.0	1.3	12.4	15.9	10.2	11.2	13.4	--	15.7	Aug-12
<i>Russell MidCap</i>			2.3	2.2	1.6	12.7	14.3	8.6	9.5	11.8	9.2	14.2	Aug-12
Channing	17,448,829	11.2	3.1	5.3	3.2	13.0	16.1	9.8	9.2	12.1	--	10.7	Aug-08
<i>Russell 2000 Value</i>			5.8	9.0	4.8	16.4	18.7	11.0	9.5	11.0	8.7	9.0	Aug-08
Bowling	16,387,918	10.5	6.0	7.1	4.7	16.5	--	--	--	--	--	11.3	Jan-17
<i>Russell 2000</i>			6.1	8.4	6.9	20.8	20.6	11.0	11.1	12.2	9.6	16.1	Jan-17
FIS Group Non-U.S. Equity	82,248,792	52.7	-1.8	-2.5	-1.6	12.7	10.0	5.6	4.4	7.2	--	8.8	Aug-12
<i>FIS Group Non-U.S. Equity Benchmark</i>			-2.1	-2.5	-1.3	11.5	14.5	5.9	4.2	6.7	--	8.7	Aug-12
Martin	15,438,706	9.9	-0.6	1.2	-0.2	4.0	--	--	--	--	--	14.4	Jan-17
<i>MSCI EAFE</i>			-2.2	-1.8	-1.5	8.0	12.1	4.3	3.1	5.9	2.1	14.4	Jan-17
Alpha Architect	18,574,571	11.9	-3.3	-4.1	-2.5	14.1	--	--	--	--	--	15.4	Apr-17
<i>MSCI EAFE</i>			-2.2	-1.8	-1.5	8.0	12.1	4.3	3.1	5.9	2.1	11.0	Apr-17
Strategic Global	25,120,082	16.1	-0.9	0.6	0.5	17.1	--	--	--	--	--	24.7	Jan-17
<i>MSCI World ex USA Small Cap</i>			-0.7	-0.3	0.3	14.2	14.9	9.5	7.0	9.8	5.4	19.5	Jan-17
Ativo	23,106,488	14.8	-2.4	-6.6	-3.9	13.2	--	--	--	--	--	17.0	Jan-17
<i>MSCI Emerging Markets</i>			-3.5	-5.8	-2.6	14.0	20.5	6.2	4.6	4.5	1.6	19.5	Jan-17

* The FIS Group Dynamic Benchmark is updated monthly account benchmark weightings from the beginning of each month.

FIS Group Composite

Calendar Performance (Net of Fees)

Market Value: \$156.1 Million and 3.7% of Fund

Ending May 31, 2018

	Market Value	% of Portfolio	2017	2016	2015	2014	2013	2012
FIS Group Composite	156,065,414	100.0	20.2	9.5	-1.0	6.7	32.6	15.4
<i>FIS Group Dynamic Benchmark</i>			20.9	13.1	-1.9	6.6	30.3	18.5
FIS Group U.S. Equity	73,610,956	47.2	13.8	14.1	-2.7	10.0	35.3	13.4
<i>FIS Group U.S. Equity Benchmark</i>			13.8	16.5	-1.6	9.8	35.2	16.8
Edgar Lomax	11,460,047	7.3	19.3	17.7	-5.0	15.9	33.7	8.1
<i>Russell 1000 Value</i>			13.7	17.3	-3.8	13.5	32.5	17.5
Oakbrook Investment	28,314,162	18.1	20.4	15.6	-0.2	15.1	36.3	--
<i>Russell MidCap</i>			18.5	13.8	-2.4	13.2	34.8	17.3
Channing	17,448,829	11.2	7.2	29.5	-4.4	5.4	39.6	23.6
<i>Russell 2000 Value</i>			7.8	31.7	-7.5	4.2	34.5	18.0
Bowling	16,387,918	10.5	--	--	--	--	--	--
<i>Russell 2000</i>			14.6	21.3	-4.4	4.9	38.8	16.3
FIS Group Non-U.S. Equity	82,248,792	52.7	29.4	-3.8	3.8	-5.1	25.2	--
<i>FIS Group Non-U.S. Equity Benchmark</i>			29.2	2.7	-2.2	-4.6	20.5	--
Martin	15,438,706	9.9	--	--	--	--	--	--
<i>MSCI EAFE</i>			25.0	1.0	-0.8	-4.9	22.8	17.3
Alpha Architect	18,574,571	11.9	--	--	--	--	--	--
<i>MSCI EAFE</i>			25.0	1.0	-0.8	-4.9	22.8	17.3
Strategic Global	25,120,082	16.1	--	--	--	--	--	--
<i>MSCI World ex USA Small Cap</i>			31.0	4.3	5.5	-5.3	25.6	17.5
Ativo	23,106,488	14.8	--	--	--	--	--	--
<i>MSCI Emerging Markets</i>			37.3	11.2	-14.9	-2.2	-2.6	18.2

* The FIS Group Dynamic Benchmark is updated monthly account benchmark weightings from the beginning of each month.

Ending May 31, 2018

Asset Class	Benchmark	Manager	From	Performance		Difference
				Manager	Benchmark	
SMID-Cap Value Equity	Custom Benchmark ¹	Ariel	July-84	12.7%	12.0%	0.7%
Large-Cap Value Equity	Russell 1000 Value	Great Lakes	April-91	10.3%	10.0%	0.3%
Enhanced Index Fixed Income	BarCap Aggregate	Neuberger Berman	June-01	4.6%	4.5%	0.1%
International Growth Equity	MSCI EAFE	Cornerstone	December-04	7.4%	5.2%	2.2%
International Growth Equity	MSCI EAFE	Walter Scott	December-04	6.9%	5.2%	1.7%
International Value Equity	MSCI EAFE Value	LSV	May-05	5.9%	4.3%	1.6%
Int'l Emerging Core Equity	MSCI EM IMI	William Blair	August-05	8.6%	7.5%	1.1%
Large-Cap Core Equity	S&P 500	Rhumblin	September-08	10.4%	10.3%	0.1%
International Core Equity	MSCI ACWI ex. U.S.	NTGI ACWI ex. U.S.	November-08	8.6%	8.3%	0.3%
Int'l Small-Cap Equity	MSCI Small-Cap International	MSCI World Ex USA Small Cap	November-08	13.2%	13.0%	0.2%
Hedged Equity Fund of Funds	HFRX Hedged Equity	K2 Advisors	February-09	5.0%	2.7%	2.3%
Hedged Equity Fund of Funds	HFRX Hedged Equity	Rock Creek	February-09	6.1%	2.7%	3.4%
Core Fixed Income	BarCap Aggregate	LM Capital	April-09	3.8%	3.6%	0.2%
Fixed Income - Intermediate	BarCap Int. Gov/Credit	Segall, Bryant, & Hamill	May-09	3.4%	3.0%	0.4%
Fixed Income - High Yield	BarCap High Yield	MacKay Shields	May-09	9.5%	10.4%	-0.9%
Fixed Income - Senior Loan	CSFB Leveraged Loan	Symphony	September-09	6.4%	6.0%	0.4%
Core Fixed Income	BarCap Aggregate	UBS	August-10	2.8%	2.7%	0.1%
Opportunistic Fixed Income	50% BarCap HY/50% CSFB LL	Crescent Capital	July-16	6.0%	7.0%	-1.0%
Int'l Small-Cap Equity	MSCI EAFE Small Cap	Segall, Bryant, & Hamill	September-16	16.4%	17.1%	-0.7%
Defensive Equity	50% S&P 500/50% 91 Day T-Bill	Parametric	July-17	5.0%	6.2%	-1.2%
Defensive Equity	CBOE S&P 500 Putwrite Index	Neuberger Berman	August-17	1.6%	4.5%	-2.9%
Mid-Cap Growth Equity	S&P 400 Growth	Rhumblin	September-17	11.7%	11.6%	0.1%
Small-Cap Value Equity	Russell 2000 Value	Kayne Anderson	May-18	---	---	---
Small-Cap Value Equity	Russell 2000 Value	Nuveen	May-18	---	---	---

¹ Ariel Custom Benchmark is Russell 2500 Value, and prior to March 2002, the Russell 2000 Value.

Market Value: \$4,203.6 Million and 100.0% of Fund

RISK RETURN STATISTICS
June 01, 2013 Through May 31, 2018

Total Fund Composite

Policy Benchmark

RETURN SUMMARY STATISTICS

	Total Fund Composite	Policy Benchmark
Number of Periods	60	60
Maximum Return	4.34	4.22
Minimum Return	-3.39	-3.51
Annualized Return	7.59	7.00
Total Return	44.20	40.28
Annualized Excess Return Over Risk Free	7.20	6.61
Annualized Excess Return	0.59	0.00

RISK SUMMARY STATISTICS

	Total Fund Composite	Policy Benchmark
Beta	1.01	1.00
Upside Deviation	3.63	3.59
Downside Deviation	3.58	3.27

RISK/RETURN SUMMARY STATISTICS

	Total Fund Composite	Policy Benchmark
Annualized Standard Deviation	5.57	5.44
Alpha	0.04	0.00
Sharpe Ratio	1.29	1.22
Excess Return Over Market / Risk	0.11	0.00
Tracking Error	0.97	0.00
Information Ratio	0.61	--

CORRELATION STATISTICS

	Total Fund Composite	Policy Benchmark
R-Squared	0.97	1.00
Correlation	0.98	1.00

Market Proxy: Policy Benchmark

Risk-Free Proxy: 91 Day T-Bills

- The Policy Benchmark is 27% BarCap Aggregate, 26% Wilshire 5000, 22% MSCI ACWI ex-US, 10% HFRX Hedged Equity, 10% NCREIF Property Index, 5% Venture Economics Private Equity Index. Prior to September 2013, the Policy Benchmark is 25% BarCap Aggregate, 25% Wilshire 5000, 20% MSCI ACWI ex-US, 10% HFRX Hedged Equity, 10% NCREIF Property Index, 10% Venture Economics Private Equity Index. Prior to February 2009, the Policy Benchmark is 25% BarCap Aggregate, 55% Wilshire 5000, 10% MSCI ACWI ex-US, 6% NCREIF Property Index, 4% Venture Economics Private Equity Index.

- All Data is to be considered preliminary until the release of the final quarterly report.

- Closed End Real Estate and Private Equity Composites may not include current performance, due to reporting cycle limitations.