Oklahoma Police Pension & Retirement System

Investment Performance Review

March 31, 2016

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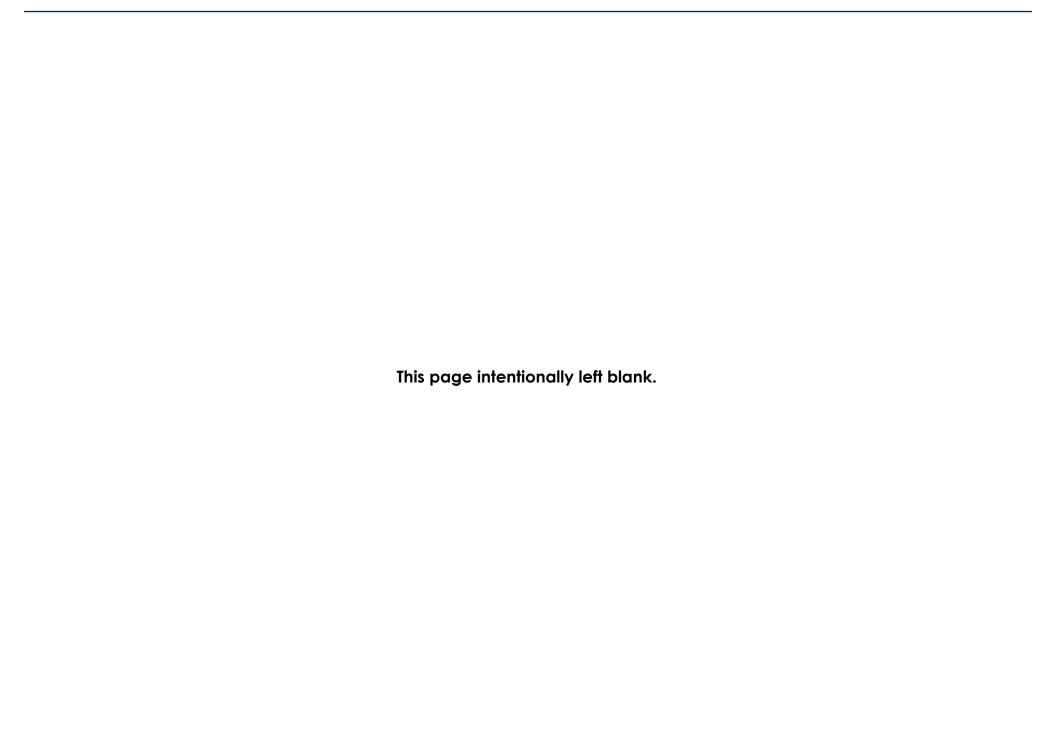
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Appendix Definitions



For the Period Ending March 31, 2016

The US economy continues to outperform a mid global uncertainty, aided by momentum in both employment and wage growth that is supporting healthy consumer spending. In the latter stages of the quarter, US manufacturing showed signs of revival, as US dollar (USD) weakness helped reduce the drag on trade volumes and lifted both production and orders. With manufacturing potentially bottoming, an expanding service sector, and a buoyant consumer, the economy is headed down a path of steady, but moderate growth.

A still-robust pace of job creation, unemployment rate slightly higher ...

There were 628,000 new jobs created during the quarter, an average of 209,000 per month. This was just ahead of the monthly average of 206,000 for all of 2015, which illustrates the confidence employers have in the sustainability of the current expansion. Unemployment ticked higher during the quarter to 5.0% from 4.9% as increased job openings prompted more Americans to enter the labor force. Wages picked up due to tightening labor conditions with average hourly earnings increasing 2.3% in March from a year earlier.

Services accelerate, manufacturing expands...

US service companies, including the retailing and housing industries, experienced a faster pace of activity in March, accelerating for the first time in five months. The Institute for Supply Management's (ISM) gauge for service producers increased to 54.5 from 53.4 in February led by a rise in orders, remaining firmly in expansionary territory. Readings above 50 signal expansion. Furthermore, the ISM's factory gauge expanded in March fueled by a surge in orders and an increase in production, marking the first reading above 50 in seven months.

Federal Reserve points to fewer interest rate increases in 2016...

Federal Reserve (Fed) policy makers refrained from raising interest rates during the quarter and scaled back projections for the pace of increases for the rest of 2016. Policy makers turned cautious in March providing a positive assessment of current US economic conditions, but stating that "global economic and financial developments continue to pose risks." As a result, the Fed kept the target range for the benchmark Fed funds rate at 0.25% to 0.50%. Fed members expect this rate to reach 0.875% by the end of the year, indicating two rate hikes this year, down from the four increases that were projected in December.

Moreover, the Fed cut their 2016 inflation forecast to 1.2% from 1.6%, but still anticipates inflation moving higher and reaching their 2.0% target in 2018. Relatively low inflation and rising wages will give consumers the wherewithal to boost household purchases and continue to power the economic expansion. However, the level of business activity remains encumbered by lower commodity prices and softness in overseas demand, leading to cutbacks in business spending and a moderate pace of economic growth.

For the Period Ending March 31, 2016

Global Equities

Global equities were whipsawed in the initial weeks of the quarter as fears of slowing global growth and lower oil prices dominated the tone of the markets. However, the actions of global central banks and a recovery in oil prices helped increase investors' risk appetites, leading to a market tumaround by quarter's end. The S&P 500 opened the quarter with a 6.0% decline in the first week as poor Chinese manufacturing data caused a decline in Chinese equities that permeated across the globe. Subsequently, uneven US economic data kept volatility at the forefront until mid-February when the S&P 500 hit the lows of the quarter. From that point forward, the S&P 500 staged a recovery to end the quarter higher, posting a return of 1.40%. Early in the quarter, European equities declined before advancing sharply in March, in response to a new round of stimulus announced by the European Central Bank (ECB). The ECB expanded monthly purchases by 20 billion euros to 80 billion per month and cut the deposit rate by another 10 basis points (bps) to -0.40% to encourage bank lending. The Bank of Japan (BoJ) unexpectedly moved to a negative interest rate policy at the end of January following declining equity prices and weak economic data showing Japan's economy contracted in Q 415. Surprisingly the Japanese yen appreciated vs. the USD, in response to the BoJ move. This spurred foreign investors to sell in February ahead of a modest rebound in March that resulted in a 6.4% (USD) decline in the MSC I Japan index for the quarter. The MSC I Emerging Markets index posted a solid gain, outperforming broad developed equity markets supported by an easing in US dollar strength and expectations of a slower pace of rate hikes in the US.

Global Bonds

High levels of stock market vola tility led to sharp declines in risk appetites as investors rotated toward the safety of high quality sovereign bonds over the course of the quarter. US Treasury rates plummeted during the quarter as the two-year Treasury, the security most sensitive to Fed interest rate policy, fell 33 bps to 0.72%, after the Fed reduced expectations of higher interest rates. The 10-year Treasury yield fell 50 bps to 1.77%, while the 30-year Treasury yield declined 40 bps to 2.61%. US Treasuries posted positive gains, as the BofA ML US Treasury index rose 3.3%, the highest quarterly return since Q 210. US corporate bonds rallied, helping send yields lower, as average yields on the Barclays US Corporate Investment Grade index fell to 3.21% from 3.67% in December. Strong retail flows helped drive US high yield bonds higher as the Barclays US Corporate High Yield index jumped 3.4% for the quarter, with a verage yields falling 56 bps to 8.18%.

For the Period Ending March 31, 2016

European sovereign bond yields dropped following the ECB's announcement of expanded monthly bond purchases. German 10-year bond yields fell 48 bps to 0.15%, and peripheral 10-year bond yields in Italy declined to 1.42% from 1.60% at the start of the quarter. After the BoJ cut its key deposit rate on commercial banks' current accounts to -0.10%, Japanese 10-year bond yields dropped as low as -0.11%, the lowest since 1994, before closing at -0.03%. Overall, the BofA ML Global Government index jumped 7.0% (USD) in the first quarter.

Emerging market debt (EMD) spreads to US Treasury yields initially spiked early in the quarter before the higher yielding assets attracted capital, which sent spreads lower for the quarter. The spread on the JPMorgan EMBI Global index of USD bonds jumped to 538 bps by early February but declined to 434 bps by quarter send. The JPMorgan EMBI Global index advanced 5.2% (USD), following a gain of 1.5% in Q 415.

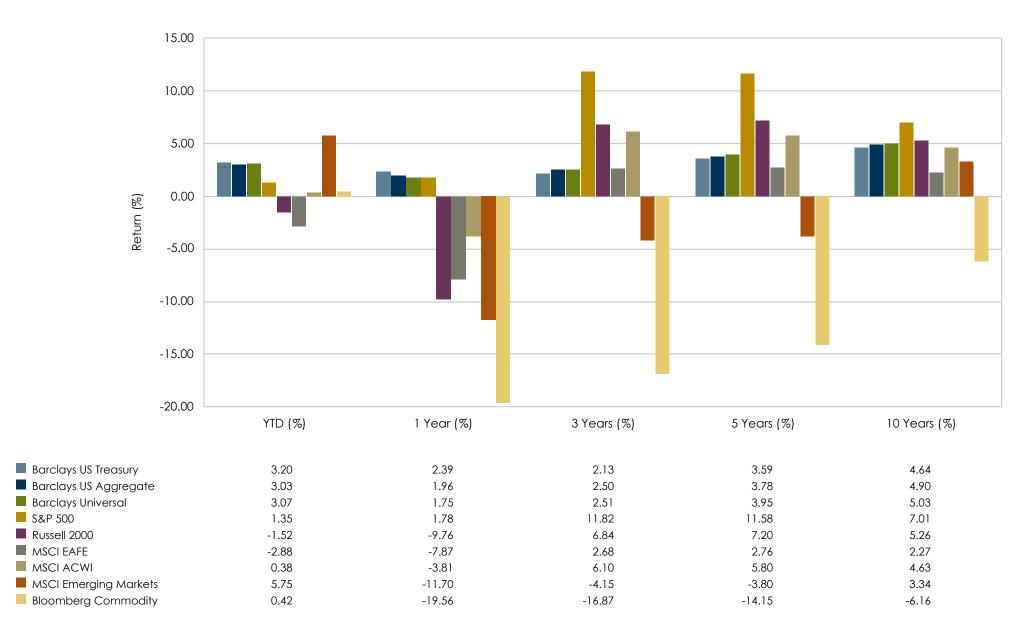


Economy at a Glance					
Recent growth indica tors	Dec-15	Ja n-16	Feb-16	Mar-16	
ISM Manufacturing Composite*	48	48.2	49.5	51.8	
ISM Non-Manufacturing Composite*	55.8	53.5	53.4	54.5	
U. of Michigan Survey of Consumer Confidence**	92.6	92.0	91.7	91.0	
Change in Payrolls (m-o-m, 000)***	271	168	245	215	
Personal Income (% m-o-m)****	0.3	0.5	0.2	na	
Personal Spending (% m-o-m)****	0.1	0.1	0.1	na	
Sources:					

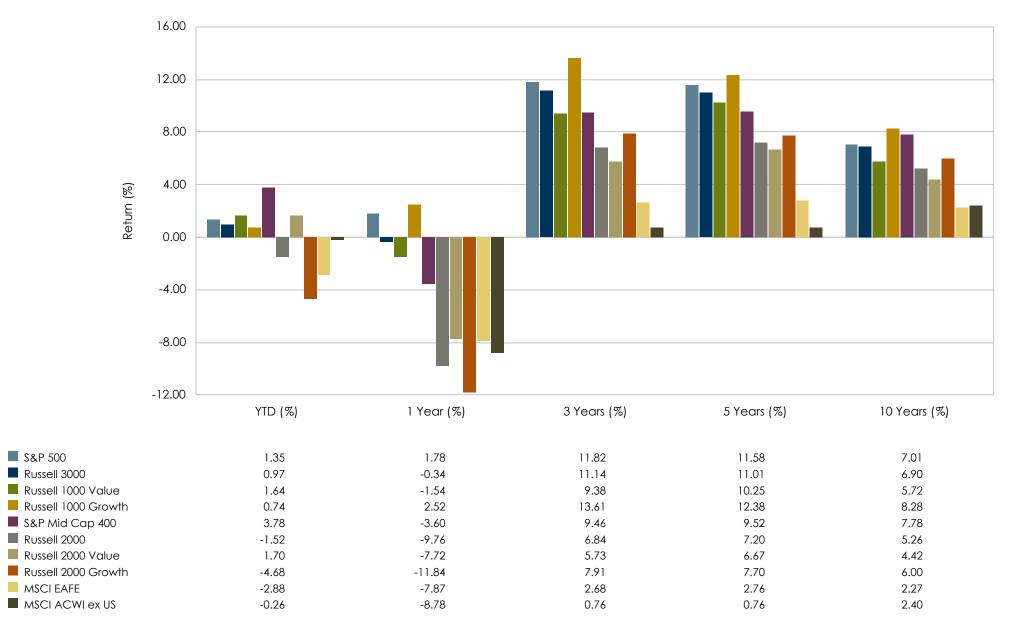
Sources:

- *Institute for Supply Management
- **U. of Michigan Survey Research
- ***Bureau of Labor Statistics
- ****Bureau of Economic Analysis

Market Environment

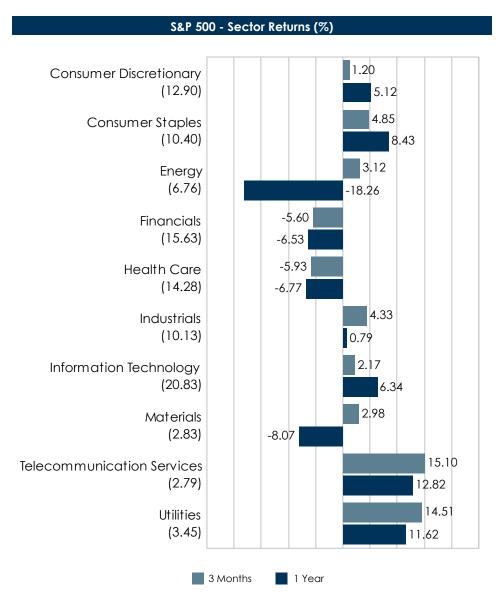


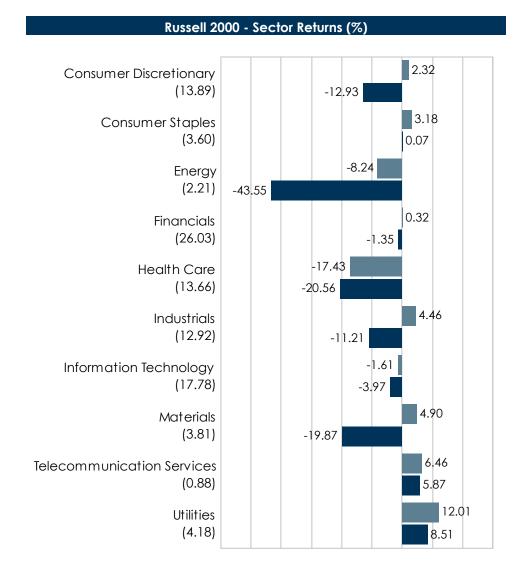
Equity Index Returns



US Markets - Performance Breakdown

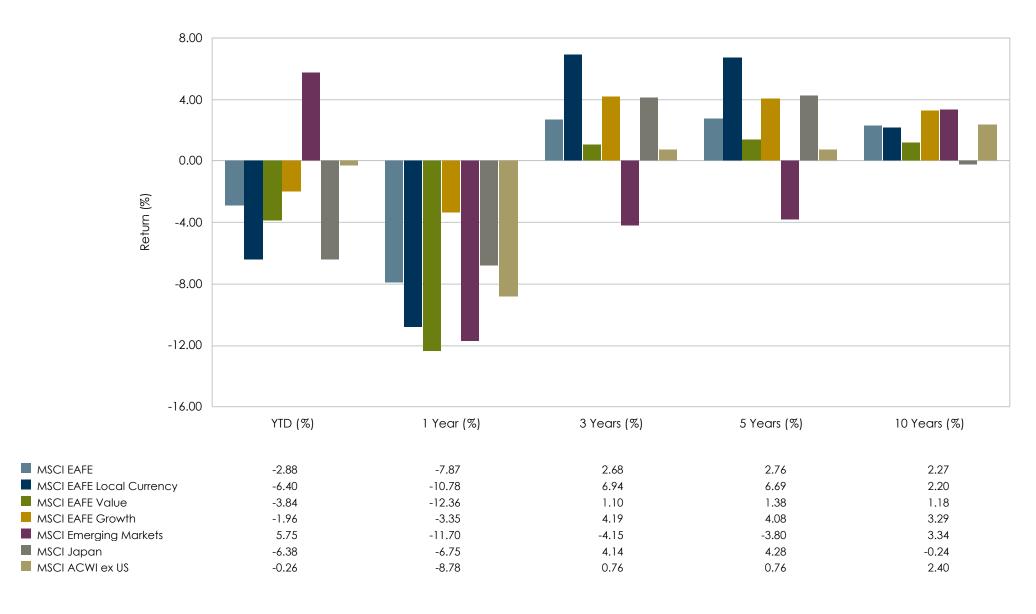
For the Periods Ending March 31, 2016





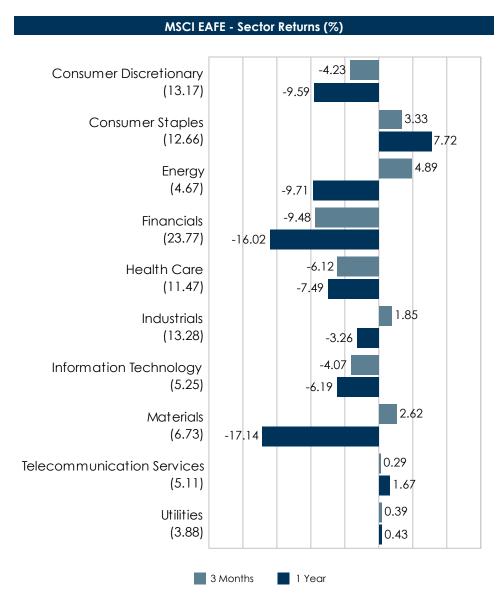
Numbers in parenthesis represent sector weightings of the index. Sector weights may not add to 100% due to rounding or securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

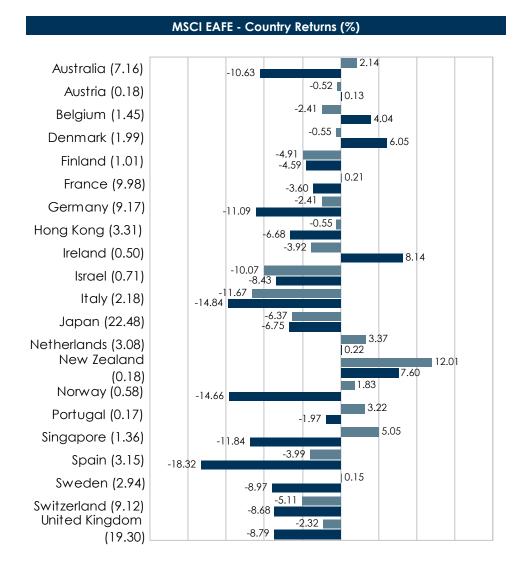
Non-US Equity Index Returns



Non-US Equity - Performance Breakdown

For the Periods Ending March 31, 2016



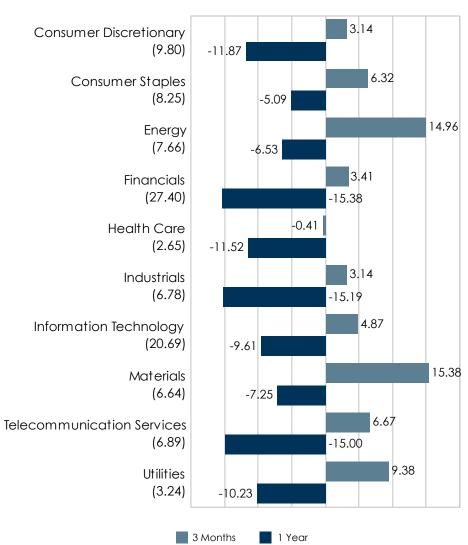


Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

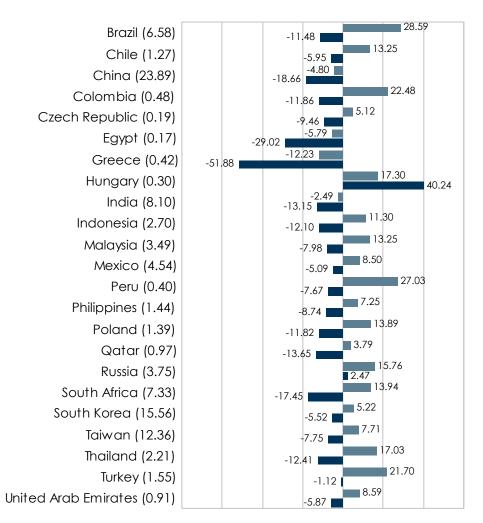
Emerging Markets - Performance Breakdown

For the Periods Ending March 31, 2016





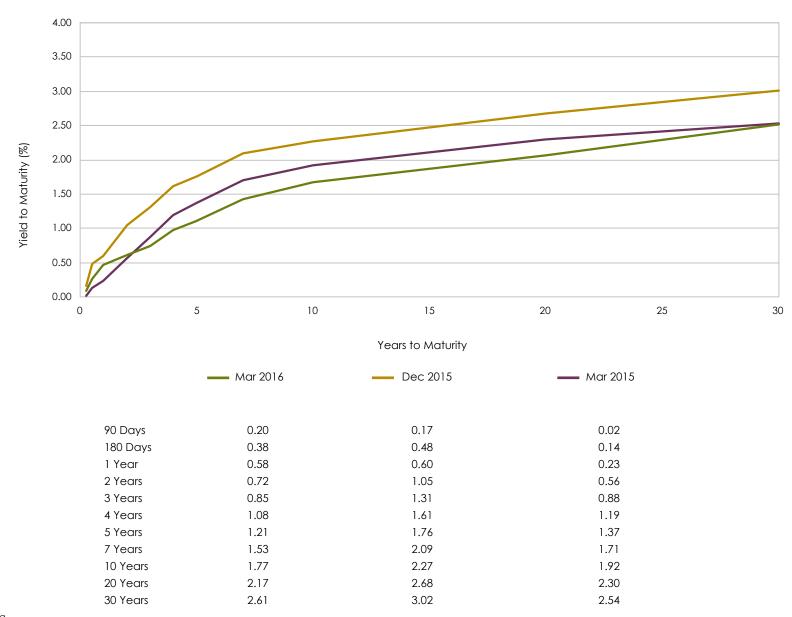
MSCI Emerging Markets - Country Returns (%)



Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

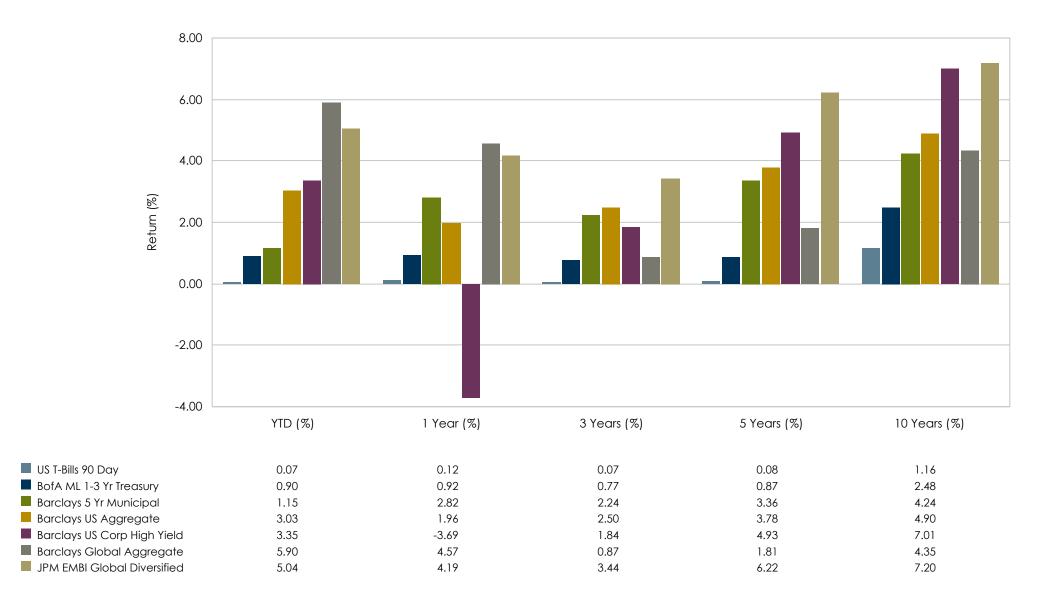
Interest Rate Term Structure

Government Issues - 3 Months to 30 Years Maturity



Source: Bloomberg

Fixed Income Index Returns



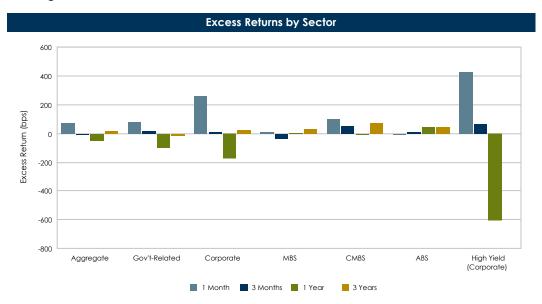
US Fixed Income Market Environment

For the Periods Ending March 31, 2016

Nominal Returns By Sector (%)						
	1 Month	3 Months	1 Year	3 Years		
US Aggregate	0.92	3.04	1.99	2.57		
US Treasury	0.16	3.20	2.39	2.12		
US Agg: Gov't-Related	0.99	3.13	1.27	2.06		
US Corporate IG	2.77	3.97	0.92	3.03		
MBS	0.30	1.98	2.43	2.69		
CMBS	1.25	3.61	2.81	2.85		
ABS	0.12	1.35	1.70	1.53		
US Corp High Yield	4.44	3.34	-3.70	1.85		

Nominal Returns by Quality (%)					
	<u>1 Month</u>	3 Months	1 Year	3 Years	
AAA	0.25	2.67	2.41	2.35	
AA	1.23	3.26	2.42	2.70	
A	2.02	3.86	2.19	3.38	
BAA	3.65	4.31	-0.80	2.55	
BA	3.45	3.85	0.10	3.73	
В	3.60	2.45	-4.89	1.13	
CAA	9.27	3.76	-10.59	-1.00	

Nominal Returns by Maturity (%)					
	<u>1 Month</u>	3 Months	1 Year	3 Years	
1-3 Yr.	0.36	0.97	1.05	0.90	
3-5 Yr.	0.54	2.19	2.21	1.82	
5-7 Yr.	0.60	2.59	2.44	1.95	
7-10 Yr.	0.98	3.70	3.11	2.79	
10+ Yr.	2.84	7.31	0.43	4.19	





Source: Barclays Capital

Monthly Index Returns

Index Name	3 Months (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Equity							
S&P 500	1.35	1.35	1.78	11.82	11.58	16.97	7.01
Russell 1000	1.17	1.17	0.50	11.52	11.35	17.15	7.06
Russell 1000 Growth	0.74	0.74	2.52	13.61	12.38	17.94	8.28
Russell 1000 Value	1.64	1.64	-1.54	9.38	10.25	16.31	5.72
Russell 2500	0.39	0.39	-7.31	8.16	8.58	17.84	6.47
Russell 2000	-1.52	-1.52	-9.76	6.84	7.20	16.42	5.26
Russell 2000 Growth	-4.68	-4.68	-11.84	7.91	7.70	17.24	6.00
Russell 2000 Value	1.70	1.70	-7.72	5.73	6.67	15.54	4.42
Wilshire 5000 Cap Wtd	1.17	1.17	0.23	11.26	11.01	17.04	6.95
MSCI ACWI	0.38	0.38	-3.81	6.10	5.80	13.15	4.63
MSCI ACWI ex US	-0.26	-0.26	-8.78	0.76	0.76	9.67	2.40
MSCI EAFE	-2.88	-2.88	-7.87	2.68	2.76	10.19	2.27
MSCI EAFE Local Currency	-6.40	-6.40	-10.78	6.94	6.69	10.79	2.20
MSCI EAFE Growth	-1.96	-1.96	-3.35	4.19	4.08	11.06	3.29
MSCI EAFE Value	-3.84	-3.84	-12.36	1.10	1.38	9.26	1.18
MSCI Emerging Markets	5.75	5.75	-11.70	-4.15	-3.80	8.56	3.34
Fixed Income							
BofA ML 1-3 Yr Treasury	0.90	0.90	0.92	0.77	0.87	1.06	2.48
Barclays 5 Yr Municipal	1.15	1.15	2.82	2.24	3.36	3.70	4.24
Barclays US Aggregate	3.03	3.03	1.96	2.50	3.78	4.52	4.90
Barclays Gov't Bond	3.12	3.12	2.37	2.11	3.42	3.03	4.52
Barclays US Credit	3.92	3.92	0.93	2.86	5.00	7.42	5.70
Barclays 10 Yr Municipal	1.90	1.90	4.42	3.87	5.79	5.72	5.41
Barclays US Corp High Yield	3.35	3.35	-3.69	1.84	4.93	12.43	7.01
Citigroup World Govt Bond	7.09	7.09	5.92	0.49	1.16	2.74	4.19
Barclays Global Aggregate	5.90	5.90	4.57	0.87	1.81	3.73	4.35
Barclays Multiverse	5.88	5.88	4.36	0.87	1.90	3.97	4.43
JPM EMBI Global Diversified	5.04	5.04	4.19	3.44	6.22	9.71	7.20
Real Assets							
NCREIF Property	2.21	2.21	11.84	11.91	11.93	9.12	7.61
NFI ODCE Net	1.97	1.97	12.64	12.59	12.20	8.05	5.38
FTSE NAREIT US Real Estate	6.00	6.00	4.43	10.47	11.89	23.90	6.56
Bloomberg Commodity	0.42	0.42	-19.56	-16.87	-14.15	-4.54	-6.16
Cash and Equivalents							
US T-Bills 90 Day	0.07	0.07	0.12	0.07	0.08	0.11	1.16

Monthly Index Returns

For the Periods Ending April 30, 2016

Index Name	1 Month (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	7 Years (%)	10 Years (%)
Equity							
S&P 500	0.39	1.74	1.21	11.26	11.02	15.51	6.91
Russell 1000	0.54	1.72	0.34	11.06	10.81	15.64	6.99
Russell 1000 Growth	-0.91	-0.18	1.07	12.47	11.44	16.25	8.20
Russell 1000 Value	2.10	3.77	-0.40	9.59	10.13	14.97	5.67
Russell 2500	1.47	1.87	-4.27	8.57	8.28	15.69	6.59
Russell 2000	1.57	0.03	-5.94	7.53	6.98	14.31	5.42
Russell 2000 Growth	1.00	-3.73	-8.27	8.50	7.15	15.07	6.14
Russell 2000 Value	2.12	3.86	-3.71	6.50	6.77	13.48	4.61
Wilshire 5000 Cap Wtd	0.65	1.83	0.34	10.86	10.52	15.49	6.90
MSCI ACWI	1.54	1.93	-5.13	5.62	5.26	11.59	4.44
MSCI ACWI ex US	2.72	2.45	-10.87	0.42	0.33	8.08	2.16
MSCI EAFE	3.00	0.04	-8.89	1.92	2.16	8.75	2.09
MSCI EAFE Local Currency	1.36	-5.13	-10.66	5.83	6.55	9.27	2.28
MSCI EAFE Growth	2.00	0.00	-5.06	3.40	3.24	10.04	3.03
MSCI EAFE Value	4.08	0.08	-12.73	0.37	1.02	7.39	1.08
MSCI Emerging Markets	0.56	6.35	-17.56	-4.23	-4.28	6.28	2.69
Fixed Income							
BofA ML 1-3 Yr Treasury	0.03	0.93	0.91	0.74	0.79	1.09	2.45
Barclays Municipal	0.74	2.42	5.29	3.51	5.37	5.40	4.94
Barclays US Aggregate	0.38	3.43	2.72	2.29	3.60	4.51	4.95
Barclays Gov't Bond	-0.10	3.02	2.77	1.79	3.18	3.21	4.54
Barclays US Credit	1.22	5.19	2.77	2.67	4.90	7.18	5.87
Barclays 10 Yr Municipal	0.80	2.72	5.89	3.70	5.51	5.56	5.51
Barclays US Corp High Yield	3.92	7.40	-1.12	2.54	5.41	11.22	7.35
Citigroup World Govt Bond	1.26	8.44	6.09	0.55	0.77	2.92	4.08
Barclays Global Aggregate	1.33	7.31	4.84	0.85	1.46	3.79	4.29
Barclays Multiverse	1.45	7.41	4.64	0.88	1.58	4.02	4.39
Real Assets							
Bloomberg Commodity	8.51	8.96	-17.45	-13.76	-13.32	-3.52	-6.01
Cash and Equivalents							
US T-Bills 90 Day	0.03	0.10	0.15	0.08	0.08	0.10	1.13

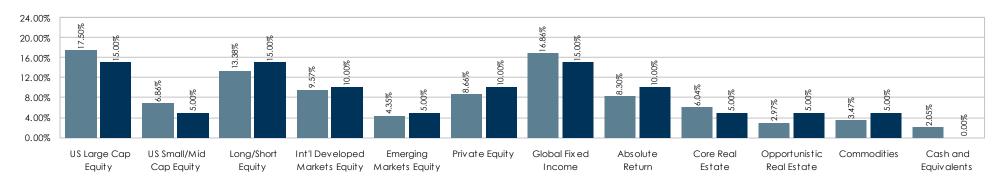
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Total Portfolio Summary

Total Portfolio

Dollar Reconciliation (\$000s)

	3 Months	FYTD	1 Year	5 Years
Beginning Market Value	2,168,669	2,255,992	2,238,198	1,786,589
Net Additions	-27,009	-54,242	-65,184	-227,242
Return on Investment	9,219	-50,871	-22,136	591,532
Income	9,940	21,633	26,834	118,823
Gain/Loss	-721	-72,504	-48,970	472,709
Ending Market Value	2,150,879	2,150,879	2,150,879	2,150,879



■ Actual Allocation ■ Target Allocation

	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	Over/Under Target (%)	Range Min-Max (%)
Total Portfolio	2,150,879	100.00	100.00		
Equity	1,297,383	60.32	60.00	0.32	50.00 - 70.00
US Large Cap Equity	376,459	17.50	15.00	2.50	10.00 - 20.00
US Small/Mid Cap Equity	147,472	6.86	5.00	1.86	0.00 - 15.00
Long/Short Equity	287,884	13.38	15.00	-1.62	10.00 - 20.00
Int'l Developed Markets Equity	205,866	9.57	10.00	-0.43	5.00 - 15.00
Emerging Markets Equity	93,471	4.35	5.00	-0.65	0.00 - 10.00
Private Equity	186,233	8.66	10.00	-1.34	5.00 - 15.00
Fixed Income	541,181	25.16	25.00	0.16	15.00 - 35.00
Global Fixed Income	362,721	16.86	15.00	1.86	10.00 - 20.00
Absolute Return	178,460	8.30	10.00	-1.70	5.00 - 15.00
Real Assets	268,305	12.47	15.00	-2.53	0.00 - 20.00
Core Real Estate	129,819	6.04	5.00	1.04	0.00 - 10.00
Opportunistic Real Estate	63,783	2.97	5.00	-2.03	0.00 - 10.00
Commodities	74,703	3.47	5.00	-1.53	0.00 - 10.00
Cash and Equivalents	44,010	2.05	0.00	2.05	

For the Periods Ending March 31, 2016



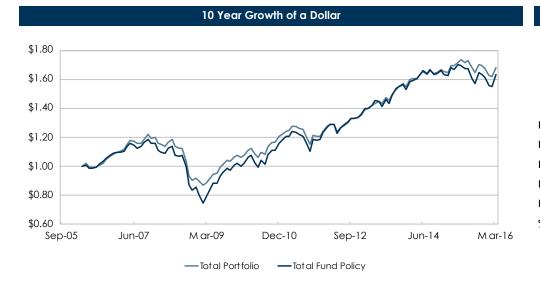
The rankings represent the portfolio's gross of fee returns versus a gross of fee peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

For the Periods Ending March 31, 2016



	Total Portfolio	Total Fund Policy
Return (%)	5.32	5.02
Standard Deviation (%)	8.19	10.65
Sharpe Ratio	0.53	0.38

Benchmark Relative Statistics										
Beta	0.74									
Up Capture (%)	78.84									
Down Capture (%)	73.64									

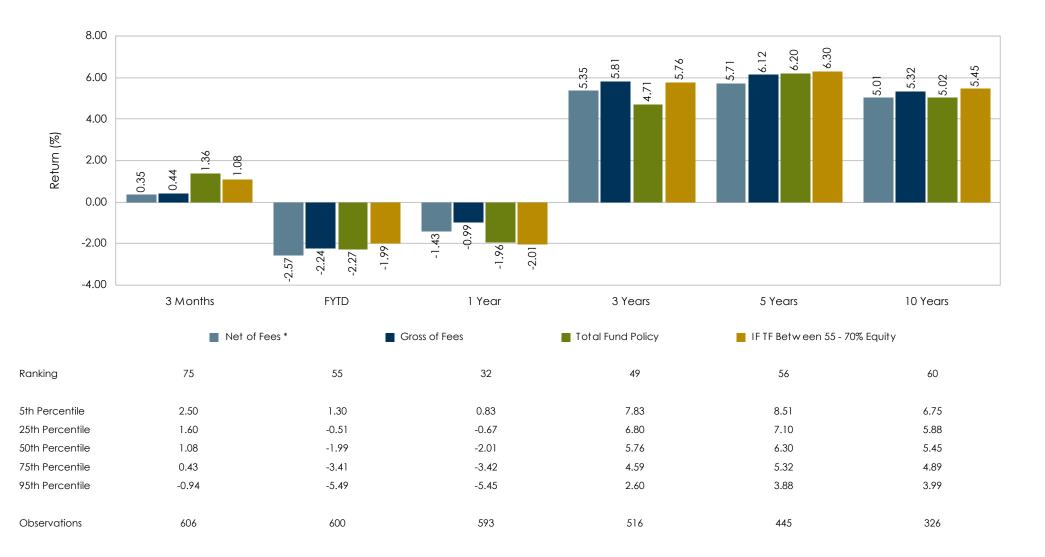


10 Year Return Analysis

10 Year Portfolio Statistics

	Total Portfolio	Total Fund Policy
Number of Months	120	120
Highest Monthly Return (%)	5.31	7.47
Lowest Monthly Return (%)	-9.92	-12.85
Number of Positive Months	75	71
Number of Negative Months	45	49
% of Positive Months	62.50	59.17

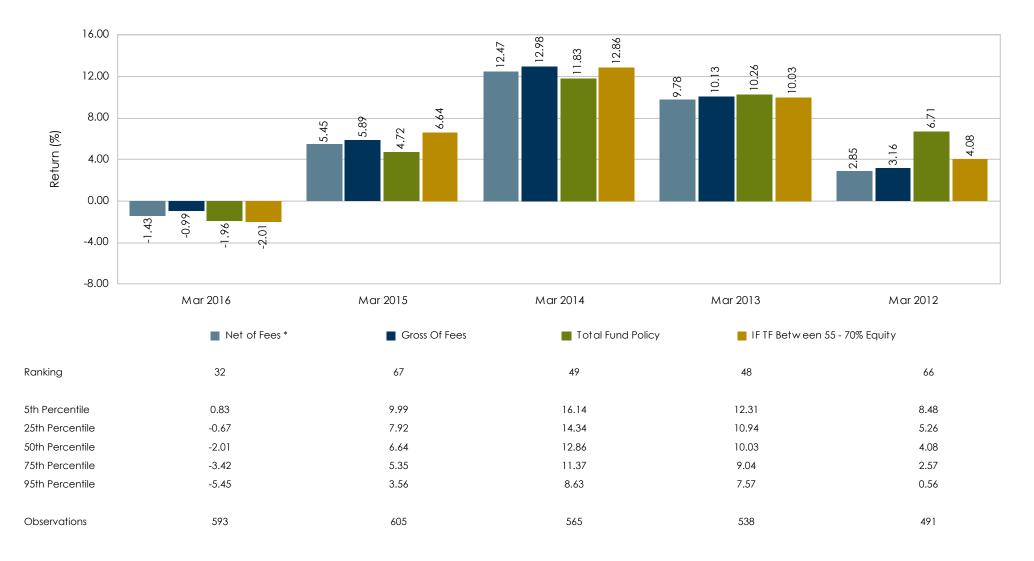
For the Periods Ending March 31, 2016



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

^{*} Performance is calculated using net of fee returns.
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For the One Year Periods Ending March



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

^{*} Performance is calculated using net of fee returns.
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For the Periods Ending March 31, 2016

	Market Value (\$000s)	Actual Allocation (%)	3 Months (%)	Rank	FYTD (%)	Rank	1 Year (%)	Rank	3 Years (%)	Rank	5 Years (%)	Rank	10 Years (%)
Total Portfolio * (06/05) ¹	2,150,879	100.00	0.35		-2.57		-1.43		5.35		5.71		5.01
Total Portfolio (08/85)			0.44	75	-2.24	55	-0.99	32	5.81	49	6.12	56	5.32
Total Fund Policy ²			1.36		-2.27		-1.96		4.71		6.20		5.02
IF TF Between 55 - 70% Equity			1.08		-1.99		-2.01		5.76		6.30		5.45
Equity (01/98)	1,297,383	60.32	-0.26		-3.45		-1.56		7.35		7.39		5.30
MSCI ACWI			0.38		-4.30		-3.81		6.10		5.80		4.63
US Large Cap Equity	376,459	17.50											
Northern Trust Russell 1000 Index (08/98) ³	376,459	17.50	1.18	38	0.41	34	0.52	37	11.54	46	11.35	47	7.08
Russell 1000			1.17		0.39		0.50		11.52		11.35		7.06
eA US Large Cap Core Equity			0.43		-1.04		-0.68		11.41		11.23		7.27
US Small/Mid Cap Equity	147,472	6.86											
Boston Partners (01/98)	87,252	4.06	2.59	52 / 46	-5.53	78 / 55	-5.36	68 / 52	8.34	83 / 51	9.76	62 / 29	7.38
Russell 2500 Value			3.33		-3.98		-5.20		7.15		8.33		5.80
eA US Mid Cap Value Equity			2.77		-3.14		-3.50		10.10		10.30		7.97
eA US Small Cap Value Equity			2.44		-5.15		-5.20		8.35		8.84		6.84
Cortina (02/14)	60,220	2.80	-3.73	46	-12.78	53	-9.78	46					
Russell 2000 Growth			-4.68		-13.55		-11.84		7.91		7.70		6.00
eA US Small Cap Growth Equity			-4.10		-12.50		-10.57		8.12		8.40		6.40
Long/Short Equity	287,884	13.38											
Grosvenor Long/Short Equity (11/03)	287,884	13.38	-3.08		-6.31		-5.80		4.79		4.73		3.54
MSCI ACWI			0.38		-4.30		-3.81		6.10		5.80		4.63
HFRI FOF: Strategic			-4.28		-8.37		-7.23		1.46		1.10		1.29

FYTD: Fiscal year ending June.

^{*} Net of fee return data.

	Market Value (\$000s)	Actual Allocation (%)	3 Months (%)	Rank	FYTD (%)	Rank	1 Year (%)	Rank	3 Years (%)	Rank	5 Years (%)	Rank	10 Years (%)
International Developed Market	205,866	9.57											
Mondrian International (05/04)	113,098	5.26	0.54	26	-7.35	55	-7.40	74	4.37	41	3.69	53	3.13
MSCI EAFE			-2.88		-8.63		-7.87		2.68		2.76		2.27
eA EAFE All Cap Value Equity			-0.87		-7.27		-5.14		3.84		4.12		2.87
Baring Focused International (03/12)	92,767	4.31	-2.80	67	-5.42	37	-1.93	25	2.87	79			
MSCI EAFE			-2.88		-8.63		-7.87		2.68		2.76		2.27
eA EAFE All Cap Equity			-1.68		-6.91		-4.74		4.13		4.10		2.97
Emerging Markets Equity	93,471	4.35											
Vontobel Emerging Markets (03/12)	64,031	2.98	2.55	75	-6.23	10	-7.09	23	-1.96	35			
MSCI Emerging Markets			5.75		-12.41		-11.70		-4.15		-3.80		3.34
eA Emerging Mkts Equity			4.76		-10.86		-10.00		-3.31		-2.30		4.39
Wasatch Emerging Markets (09/12)	29,440	1.37	-0.67	97	-11.99	62	-9.36	44	-4.09	67			
MSCI EM SC			1.00		-12.91		-8.93		-2.40		-2.27		5.37
eA Emerging Mkts Equity			4.76		-10.86		-10.00		-3.31		-2.30		4.39
Private Equity (07/03)	186,233	8.66	1.00		3.45		13.74		12.29		11.52		10.41
Fixed Income (01/98)	541,181	25.16	1.42		-1.30		-1.80		2.25		3.50		5.20
Barclays Universal			3.07		3.20		1.75		2.51		3.95		5.03
Global Fixed Income	362,721	16.86											
Agincourt Core Fixed Income (10/99)	135,745	6.31	3.22	20	3.76	42	2.05	52	2.78	44	4.24	49	5.29
Barclays US Aggregate			3.03		3.71		1.96		2.50		3.78		4.90
eA US Core Fixed Income			2.98		3.64		2.07		2.74		4.22		5.37
Oaktree Capital Management (02/98)	134,746	6.26	2.28		-2.54		-2.63		2.86		4.83		6.49
Barclays US Aggregate			3.03		3.71		1.96		2.50		3.78		4.90

	Market Value (\$000s)	Actual Allocation (%)	3 Months (%)	Rank	FYTD (%)	Rank	1 Year (%)	Rank	3 Years (%)	Rank	5 Years (%)	Rank	10 Years (%)
Loomis Sayles (06/08)	92,230	4.29	6.84	17	5.85	10	3.98	20	0.10	74	1.83	66	
Citigroup World Govt Bond			7.09		7.59		5.92		0.49		1.16		4.19
eA All Global Fixed Income			3.42		1.56		1.08		1.37		2.75		5.14
Absolute Return	178,460	8.30											
PAAMCO (10/02)	178,460	8.30	-3.01		-7.39		-6.77		2.64		2.85		3.78
Barclays US Aggregate			3.03		3.71		1.96		2.50		3.78		4.90
HFRI FOF: Conservative			-2.04		-3.80		-3.54		2.04		1.66		1.38
Real Assets (01/98)	268,305	12.47	1.78		1.60		3.61		6.97		5.83		4.61
Real Assets Blended Index 4			1.46		-8.02		-4.18		0.68		4.92		1.90
Core Real Estate	129,819	6.04											
JP Morgan Strategic Property (12/07)	96,631	4.49	1.88		8.90		12.93		13.52		13.69		
NFI ODCE Net			1.97		8.75		12.64		12.59		12.20		5.38
NCREIF Property			2.21		8.43		11.84		11.91		11.93		7.61
Blackstone Property Partners (01/15)	33,188	1.54	4.39		19.14		22.95						
NFI ODCE Net			1.97		8.75		12.64		12.59		12.20		5.38
NCREIF Property			2.21		8.43		11.84		11.91		11.93		7.61
Opportunistic Real Estate	63,783	2.97											
Private Real Estate (08/11)	59,705	2.78	4.60		13.42		16.54		13.05				
Private Real Estate Direct													
Columbus Square (01/98)	4,078	0.19	5.44		16.67		20.19		18.20		19.31		16.13
NCREIF Property			2.21		8.43		11.84		11.91		11.93		7.61
NFI ODCE Net			1.97		8.75		12.64		12.59		12.20		5.38

For the Periods Ending March 31, 2016

	Market Value (\$000s)	Actual Allocation (%)	3 Months (%)	Rank	FYTD (%)	Rank	1 Year (%)	Rank	3 Years (%)	Rank	5 Years (%)	Rank	10 Years (%)
Commodifies	74,703	3.47											
Mount Lucas Peak Partners (01/98)	29,907	1.39	-4.00		-1.83		-9.44		10.84		1.01		5.17
C\$ Hedge - Global Macro			-2.24		-4.53		-6.25		1.03		3.10		6.20
Gresham Tap Fund (08/14)	44,796	2.08	-0.26		-24.43		-21.30						
Bloomberg Commodity			0.42		-23.14		-19.56		-16.87		-14.15		-6.16
Cash and Equivalents	44,010	2.05											

Notes:

¹ Total Fund Policy Index history available in appendix.

² Total Fund Policy: Effective August 2014, the index consists of 60.0% MSCI ACWI, 30.0% Barclays Universal, 5.0% NFI ODCE Net, 5.0% Bloomberg Commodity.

³ Performance data prior to October 31, 2014 is reflective of the Mellon Capital Passive Index fund. Due to contributions and withdrawals in this account, the returns may differ from the performance of the fund.

 $^{^4}$ Real Assets Blended Index: Effective January 2016, the index consists of 67.0% NFI ODCE Net, 33.0% Bloomberg Commodity.

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Equity Manager Performance

Northern Trust Russell 1000 Index

For the Periods Ending March 31, 2016

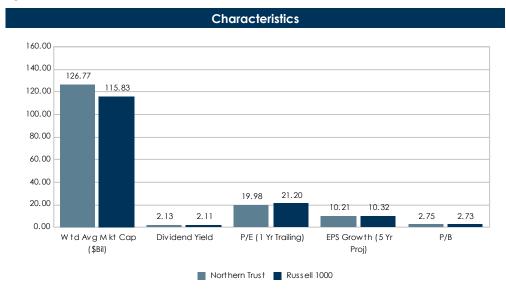
Account Description

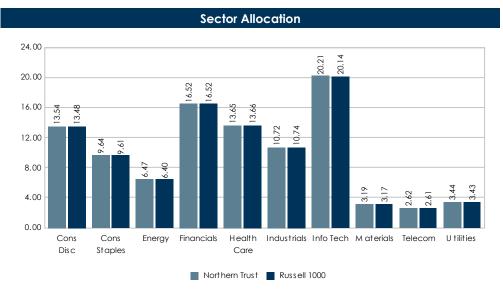
- Strategy US Large Cap Core
- Vehicle Non-Mutual Commingled
- Benchmark Russell 1000
- Performance Inception Date August 1998
- **Fees** 1 bps

Performance Goals

- Mirror the risk/return profile of the Russell 1000.
- Over three year rolling time periods, rank above median in the eA US Large Cap Core Equity universe.

Dollar Growth Summary (\$000s) FYTD 1 Year Beginning Market Value 394,716 394,295 Net Additions -20,019 -20,029 Return on Investment 1,762 2,192 Ending Market Value 376,459 376,459



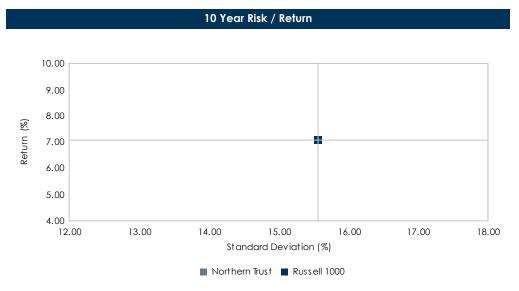


Characteristic and allocation charts represents data of the EB Daily Valued Large Cap Stock Index Fund (Non-Mutual Commingled).

Sector weights may not add to 100% due to securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

Northern Trust Russell 1000 Index

For the Periods Ending March 31, 2016



10 Year Portfolio Statistics

	Northern	
	Trust	Russell 1000
Return (%)	7.08	7.06
Standard Deviation (%)	15.55	15.56
Sharpe Ratio	0.39	0.39

Benchmark Relative Statistics		
Beta	1.00	
R Squared (%)	100.00	
Alpha (%)	0.02	
Tracking Error (%)	0.05	
Batting Average (%)	66.67	
Up Capture (%)	100.02	
Down Capture (%)	99.92	

10 Year Growth of a Dollar

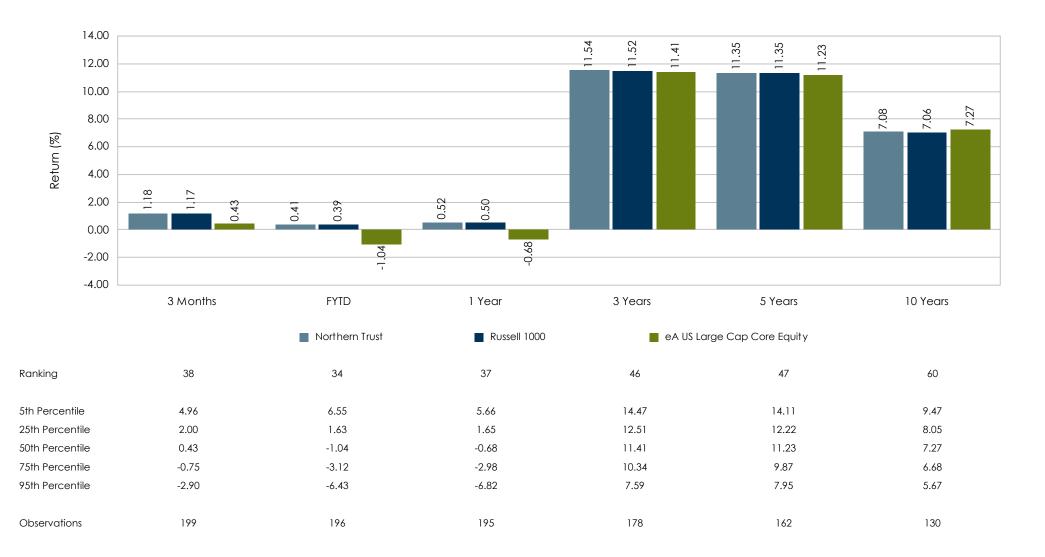


10 Year Return Analysis

	Northern Trust	Russell 1000
Number of Months	120	120
Highest Monthly Return (%)	11.20	11.21
Lowest Monthly Return (%)	-17.49	-17.46
Number of Positive Months	76	76
Number of Negative Months	44	44
% of Positive Months	63.33	63.33

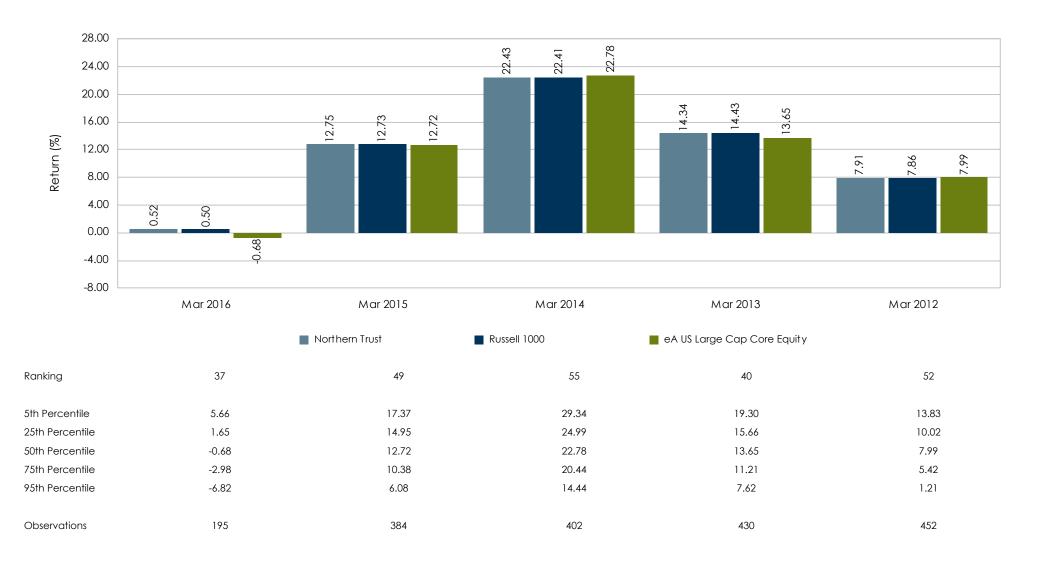
Northern Trust Russell 1000 Index

For the Periods Ending March 31, 2016



Northern Trust Russell 1000 Index

For the One Year Periods Ending March



For the Periods Ending March 31, 2016

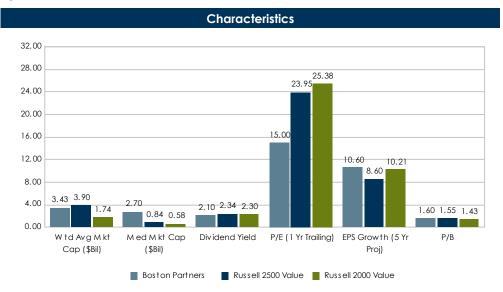
Account Description

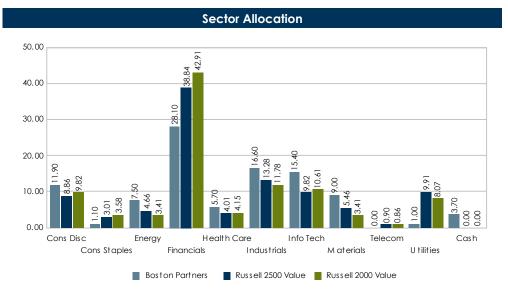
- Strategy US Small/Mid Cap Value
- Vehicle Separately Managed Account
- Benchmarks Russell 2500 Value and Russell 2000 Value
- Performance Inception Date January 1998
- Fees 60 bps base fee with annual performance fee

Performance Goals

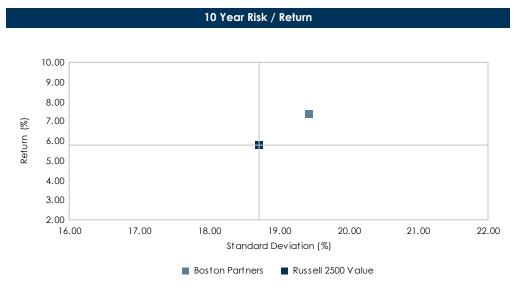
- Outperform the Russell 2500 Value and Russell 2000 Value.
- Over rolling three year periods, rank above median in the eA US Mid Cap Value Equity universe.

Dollar Growth Summary (\$000s) FYTD 1 Year **Beginning Market Value** 92,762 92,755 **Net Additions** -378 -536 Return on Investment -5,132 -4,968 1,334 1,750 Income Gain/Loss -6,466 -6,717 **Ending Market Value** 87.252 87,252





For the Periods Ending March 31, 2016



	Boston Partners	Russell 2500 Value
Return (%)	7.38	5.80
Standard Deviation (%)	19.44	18.72
Sharpe Ratio	0.33	0.26

Benchmark Relative Statistics		
Beta	1.02	
R Squared (%)	96.00	
Alpha (%)	1.51	
Tracking Error (%)	3.90	
Batting Average (%)	54.17	
Up Capture (%)	103.32	
Down Capture (%)	97.49	
Down Capture (%)	97.49	

10 Year Return Analysis

10 Year Portfolio Statistics

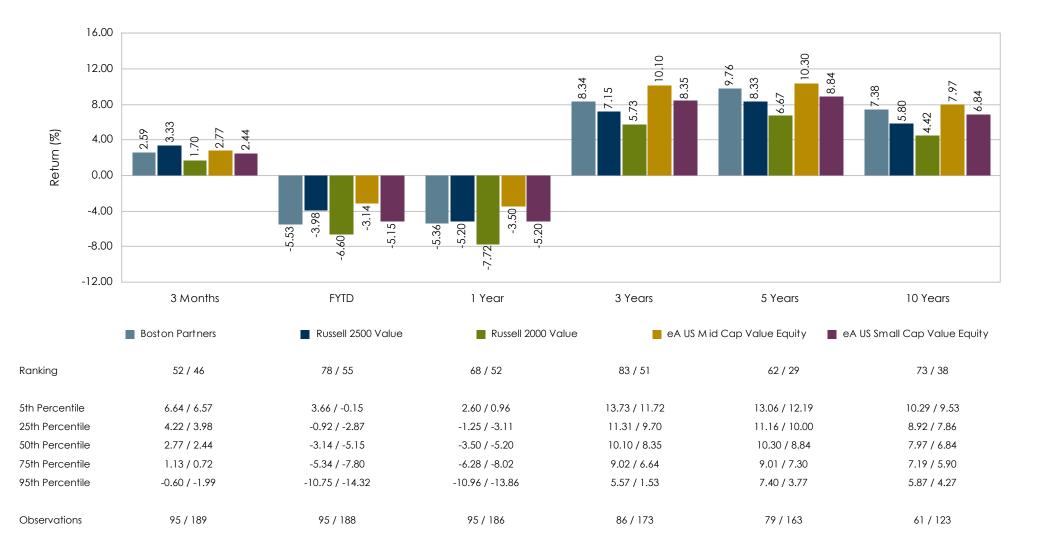


-Boston Partners - Russell 2500 Value

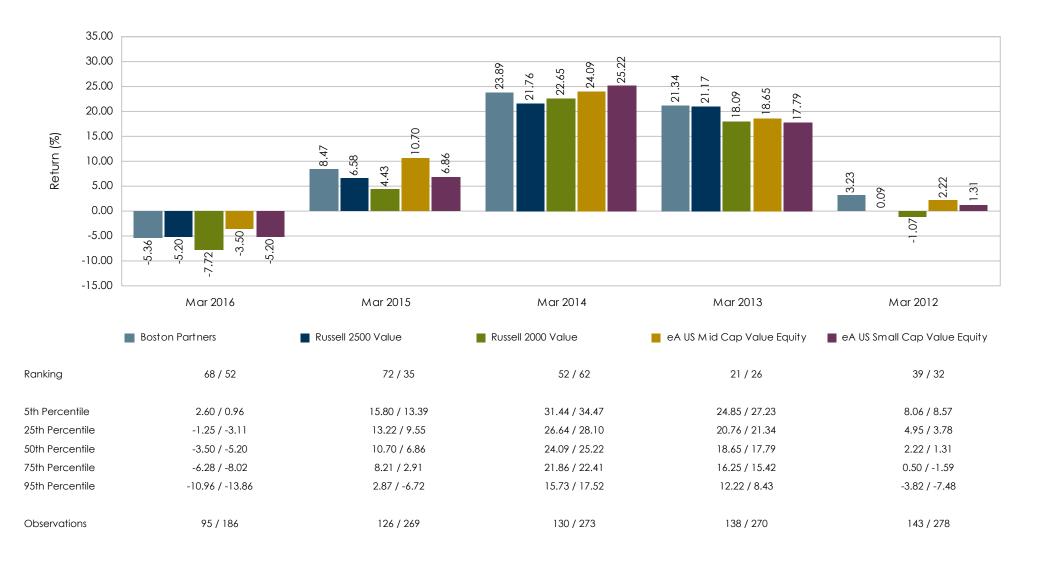
10 Year Growth of a Dollar

	Boston Partners	Russell 2500 Value
Number of Months	120	120
Highest Monthly Return (%)	19.35	15.95
Lowest Monthly Return (%)	-22.79	-20.65
Number of Positive Months	75	74
Number of Negative Months	45	46
% of Positive Months	62.50	61.67

For the Periods Ending March 31, 2016



For the One Year Periods Ending March



Cortina

For the Periods Ending March 31, 2016

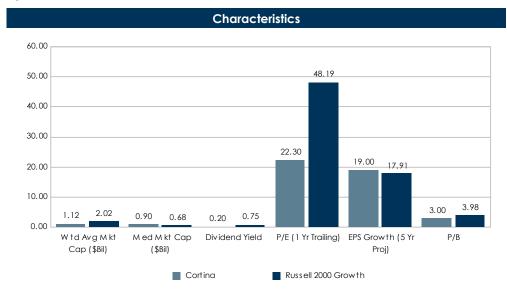
Account Description

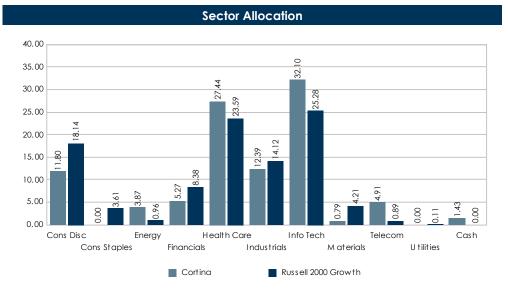
- Strategy US Small/Mid Cap Growth
- Vehicle Separately Managed Account
- Benchmark Russell 2000 Growth
- Performance Inception Date February 2014
- Fees First \$25M at 100 bps, next \$25M at 90 bps, balance at 80 bps

Performance Goals

- Outperform the Russell 2000 Growth Index.
- Over rolling three year periods, rank above median in a small cap growth universe of peers.

Dollar Growth Summary (\$000s) FYTD 1 Year **Beginning Market Value** 69,521 67,366 **Net Additions** -443 -595 Return on Investment -8,859 -6,552 93 166 Income Gain/Loss -8,952 -6,718 **Ending Market Value** 60,220 60,220

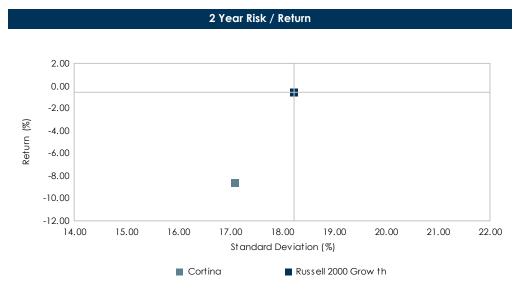




Cortina

For the Periods Ending March 31, 2016

Sharpe Ratio



	Cortina	Russell 2000 Growth
Return (%)	-8.67	-0.61
Standard Deviation (%)	17.09	18.22

2 Year Portfolio Statistics

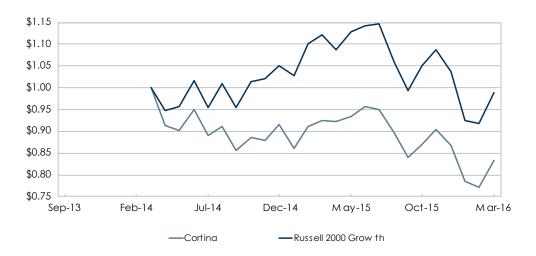
-0.51

-0.04

Benchmark Relative Statistics		
Beta	0.89	
R Squared (%)	89.16	
Alpha (%)	-8.17	
Tracking Error (%)	6.00	
Batting Average (%)	37.50	
Up Capture (%)	68.17	
Down Capture (%)	103.60	

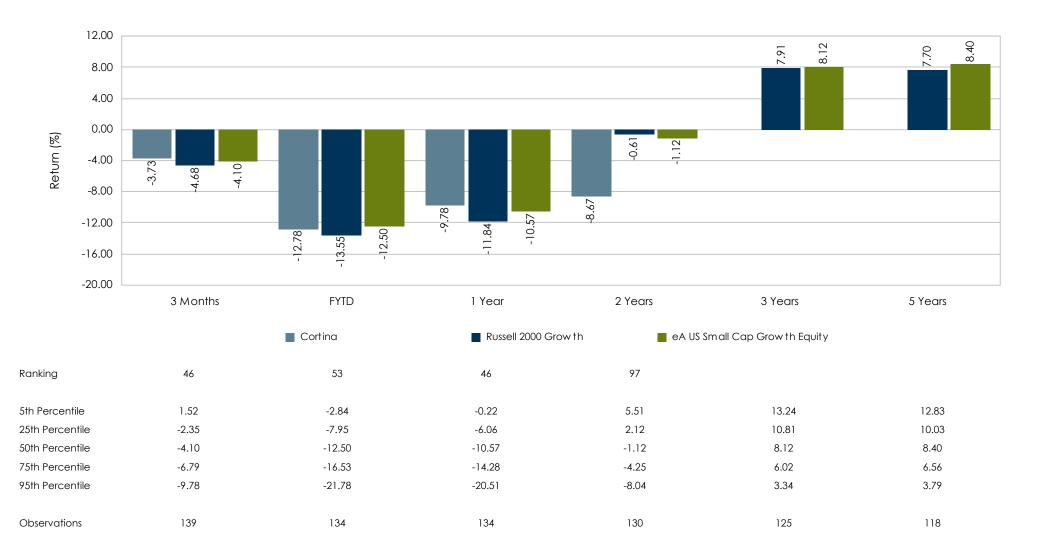
2 Year Return Analysis

2 Year Growth of a Dollar

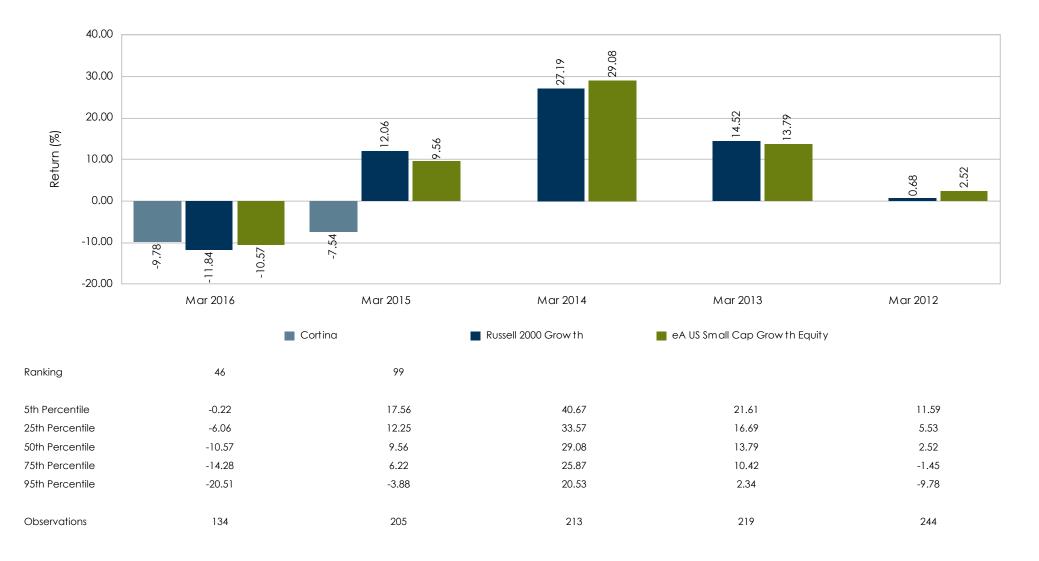


	Cortina	Russell 2000 Growth
Number of Months	24	24
Highest Monthly Return (%)	8.21	7.66
Lowest Monthly Return (%)	-9.33	-10.83
Number of Positive Months	11	14
Number of Negative Months	13	10
% of Positive Months	45.83	58.33

CortinaFor the Periods Ending March 31, 2016



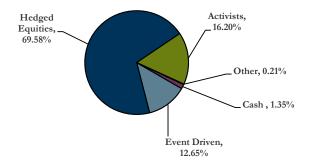
CortinaFor the One Year Periods Ending March



For the Periods Ending March 31, 2016

Strategy Allocation

Market Value: \$287,883,939



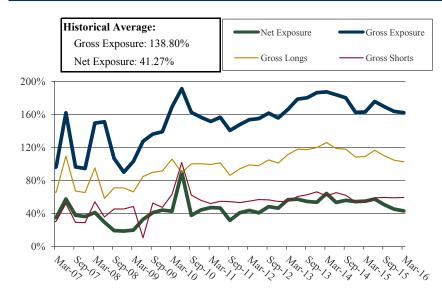
Strategy

- Equity Long/Short Hedge Fund of Funds
- Performance Inception Date: November 2003

Exposure

Net Exposure: 43.11%Gross Exposure: 162.12%

Historical Net & Gross Exposure



Performance Goals

- Meet or exceed the return of the MSCI All Country World, over extended time periods (5 to 10 years).
- The volatility (standard deviation) of the portfolio should be Less than two-thirds the volatility of the MSCI All County World.
- The Beta of the portfolio relative to the MSCI All Country World Index should be < 0.7.

Characteristics provided by manager are the weighted average of GLSEF and GLSEF-B data.

For the Periods Ending March 31, 2016

Return (%)

Sharpe Ratio

Standard Deviation (%)



Grosvenor MSCI ACWI Strategic 3.54 4.63 1.29

17.07

0.21

6.89

0.04

Benchmark Relative Statistics		
Beta	0.34	0.99
R Squared (%)	62.01	83.26
Alpha (%)	1.71	2.28
Tracking Error (%)	12.10	3.06
Batting Average (%)	50.00	64.17
Up Capture (%)	37.17	113.78
Down Capture (%)	39.86	89.48

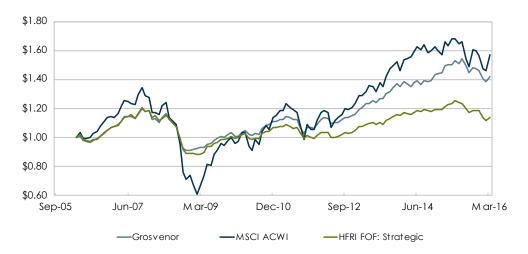
10 Year Return Analysis

10 Year Portfolio Statistics

7.48

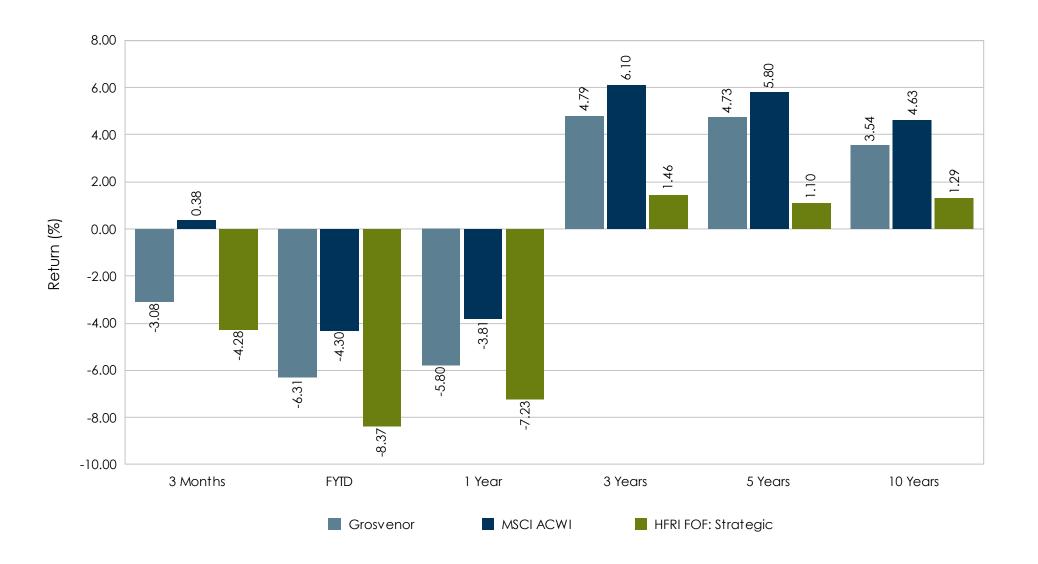
0.34

10 Year Growth of a Dollar

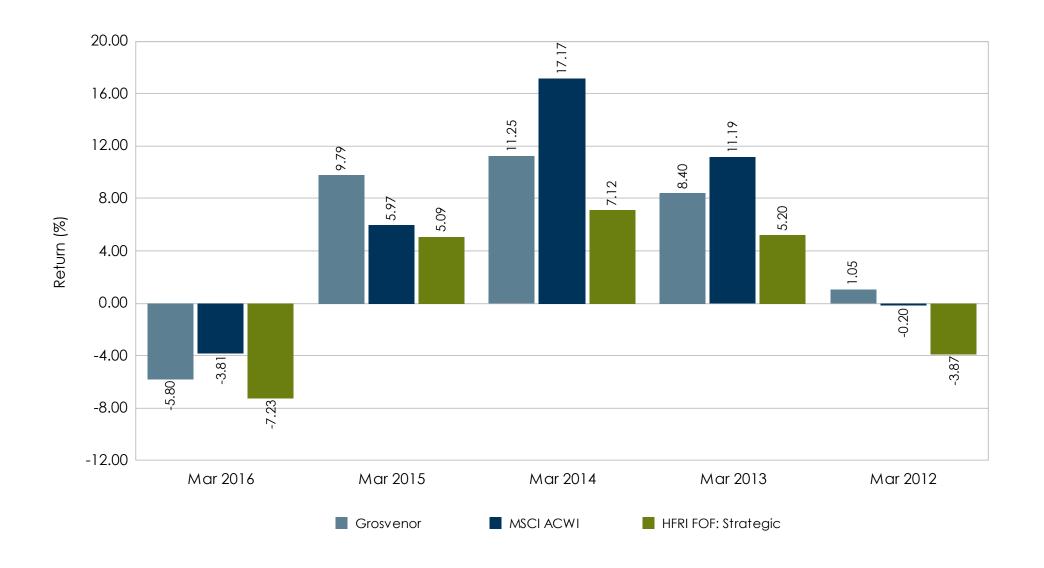


	Grosvenor	MSCI ACWI	HFRI FOF: Strategic
Number of Months	120	120	120
Highest Monthly Return (%)	4.12	11.90	4.25
Lowest Monthly Return (%)	-10.06	-19.79	-7.66
Number of Positive Months	75	67	69
Number of Negative Months	45	53	51
% of Positive Months	62.50	55.83	57.50

For the Periods Ending March 31, 2016



For the One Year Periods Ending March



For the Periods Ending March 31, 2016

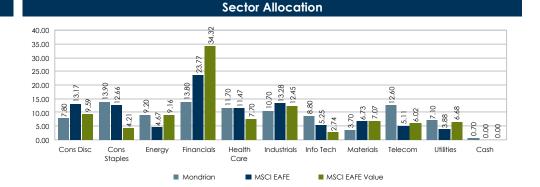
Account Description

- Strategy Int'l Developed Markets Equity
- Vehicle Limited Partnership
- Benchmarks MSCI EAFE and MSCI EAFE Value
- Performance Inception Date May 2004
- Fees 70 bps on the first \$20 million, 50 bps on the next \$30 million, 40 bps on the next \$50 million, 30 bps thereafter

Characteristics 80.00 70.00 61.70 60.00 50.37 49.42 50.00 40.00 30.00 17.60 16.70 20.00 10.00 3.44 1.60 1.51 1.06 0.00 Wtd Avg Mkt Cap (\$Bil) P/E (1 Yr Trailing) P/B Dividend Yield Mondrian ■ MSCI EAFE ■ MSCI EAFE Value

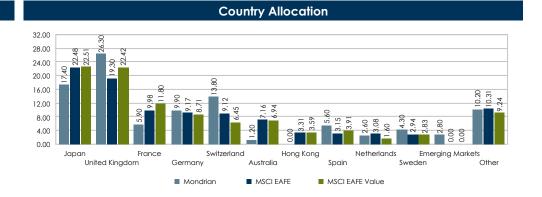
Performance Goals

- Outperform the MSCI EAFE and MSCI EAFE Value over a market cycle.
- Rank above median in the eA EAFE All Cap Value Equity universe over a market cycle.



FYTD 1 Year Beginning Market Value 122,074 122,139 Net Additions 0 0 Return on Investment -8,976 -9,041 Ending Market Value 113,098 113,098

Dollar Growth Summary (\$000s)



For the Periods Ending March 31, 2016



MSCI Mondrian **MSCI EAFE EAFE Value** 3.13 2.27 Return (%) 1.18 18.65 Standard Deviation (%) 16.77 19.81 **Sharpe Ratio** 0.13 0.07 0.01

10 Year Portfolio Statistics

Benchmark Relative Statistics		
0.88	0.83	
95.74	95.43	
0.98	1.92	
4.12	4.96	
52.50	56.67	
91.87	85.56	
91.50	84.31	
	0.88 95.74 0.98 4.12 52.50 91.87	

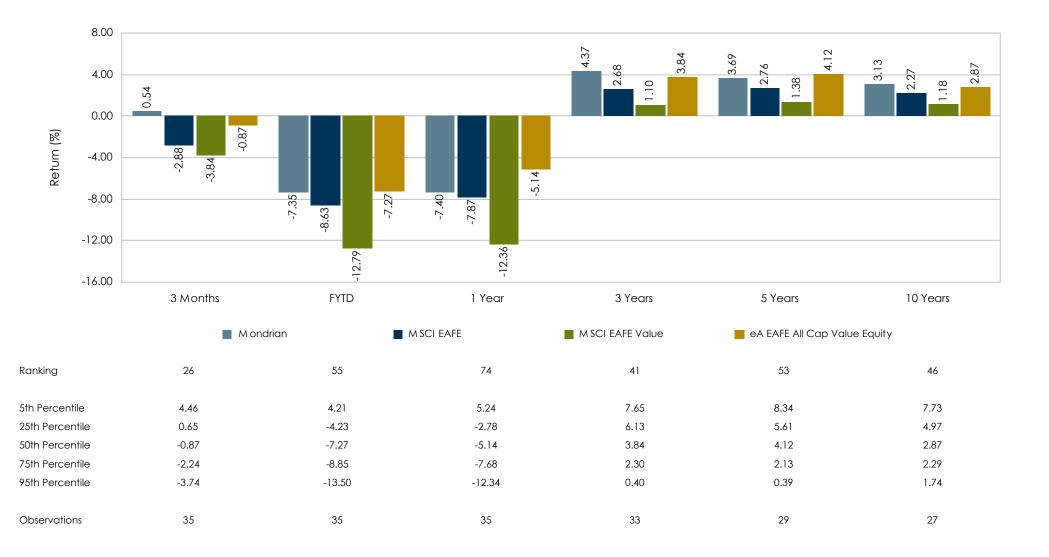
10 Year Growth of a Dollar



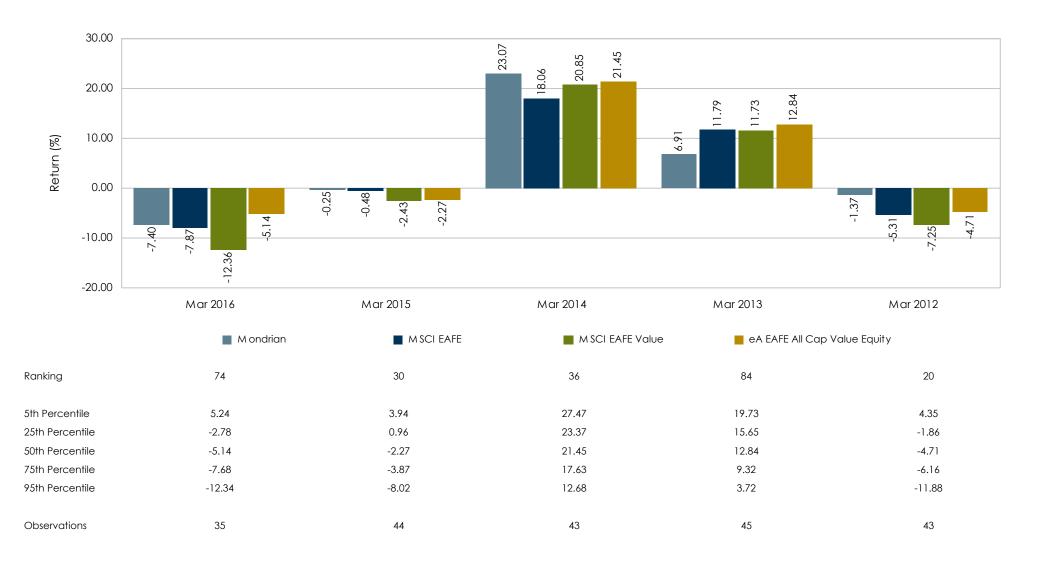
10 Year Return Analysis

	Mondrian	MSCI EAFE	MSCI EAFE Value
Number of Months	120	120	120
Highest Monthly Return (%)	11.12	12.96	17.46
Lowest Monthly Return (%)	-15.52	-20.17	-20.56
Number of Positive Months	65	65	62
Number of Negative Months	55	55	58
% of Positive Months	54.17	54.17	51.67

For the Periods Ending March 31, 2016



For the One Year Periods Ending March



For the Periods Ending March 31, 2016

Account Description

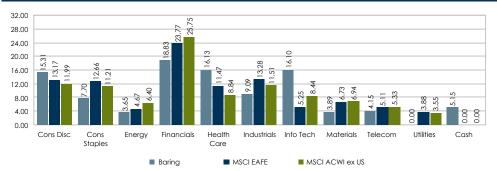
- Strategy Int'l Developed Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmarks MSCI EAFE and MSCI ACWI ex US
- Performance Inception Date March 2012
- Fees 40 bps base feel plus performance based fee



Performance Goals

- Outperform the MSCI EAFE and MSCI ACWI ex US over a market cycle.
- Rank above the median in a universe of eA EAFE All Cap Equity universe over a complete market cycle.

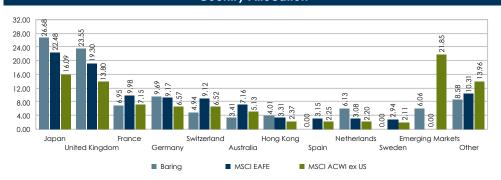
Sector Allocation



Dollar Growth Summary (\$000s)

	FYTD	1 Year
Beginning Market Value	98,956	95,517
Net Additions	-852	-946
Return on Investment	-5,336	-1,804
Ending Market Value	92,767	92,767

Country Allocation



For the Periods Ending March 31, 2016

Return (%)

Sharpe Ratio

Standard Deviation (%)



MSCI Baring MSCI EAFE ACWI ex US 2.97 4.89 2.73

14.11

0.34

Bench	nmark Relative Statistics	
Beta	0.87	0.87
R Squared (%)	91.17	87.56
Alpha (%)	-1.28	0.57
Tracking Error (%)	4.23	4.90
Batting Average (%)	45.83	47.92
Up Capture (%)	83.12	82.43
Down Capture (%)	93.79	83.93

4 Year Return Analysis

4 Year Portfolio Statistics

12.93

0.23



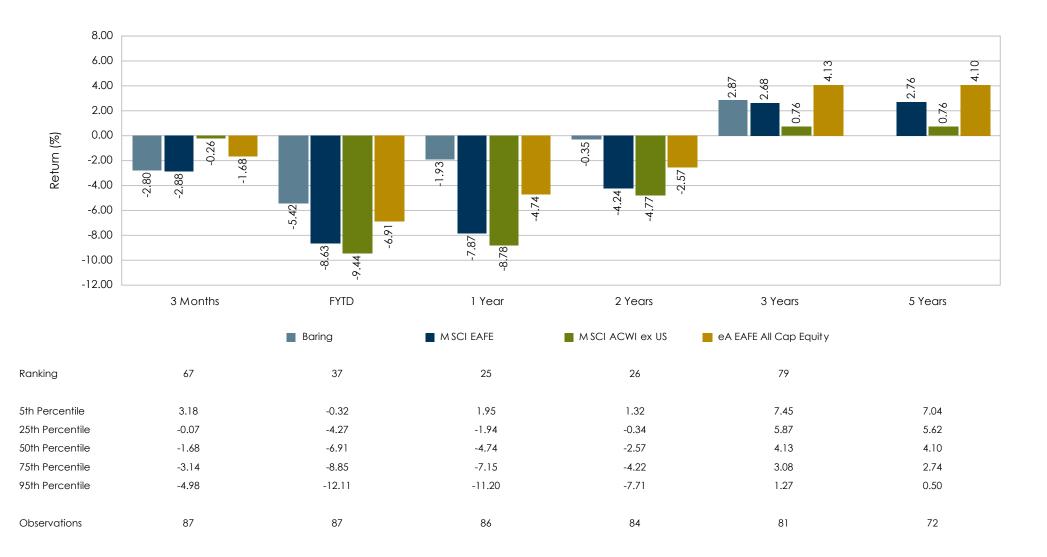
4 Year Growth of a Dollar

	Baring	MSCI EAF	MSCI E ACWI ex US
Number of Months	48	48	48
Highest Monthly Return (%)	8.27	7.82	8.21
Lowest Monthly Return (%)	-11.56	-11.35	-11.25
Number of Positive Months	25	26	26
Number of Negative Months	23	22	22
% of Positive Months	52.08	54.17	54.17

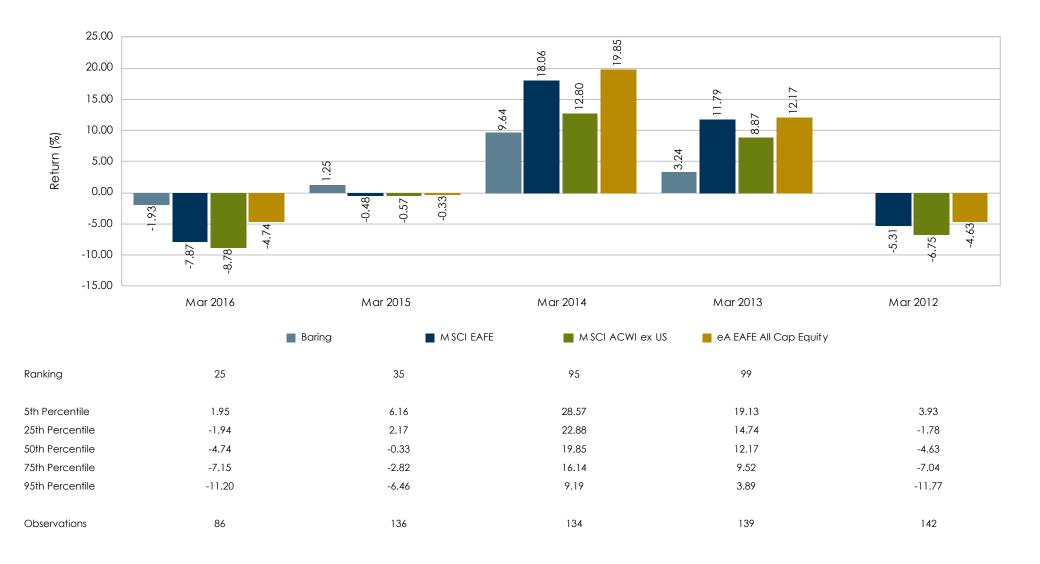
13.88

0.19

For the Periods Ending March 31, 2016



For the One Year Periods Ending March



For the Periods Ending March 31, 2016

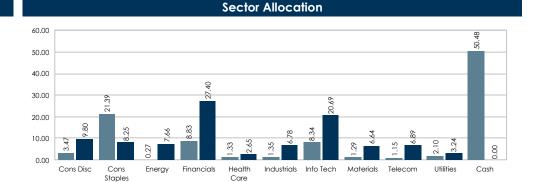
Account Description

- Strategy Emerging Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI Emerging Markets
- Performance Inception Date March 2012
- **Fees** 95 bps for the first \$150 million in average net assets of the Fund and 85 bps of the average net assets of the Fund over \$150 million

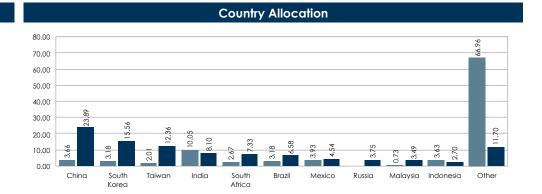
Characteristics 70.00 60.00 56.28 50.00 38.96 40.00 30.00 22.18 20.00 13.68 10.00 2.80 1.83 0.00 P/E (1 Yr Trailing) Wtd Avg Mkt Cap (\$Bil) Dividend Yield ■ Vontobel MSCI Emerging Markets

Performance Goals

- Outperform the MSCI Emerging Markets over a market cycle.
- Rank above the median in a universe of eA Emerging Mkts Equity universe over a complete market cycle.



Dollar Growth Summary (\$000s) FYTD 1 Year **Beginning Market Value** 68,723 69,510 **Net Additions** -406 -554 Return on Investment -4,285 -4,925 Income 406 554 Gain/Loss -4,692 -5,479 **Ending Market Value** 64.031 64,031



For the Periods Ending March 31, 2016

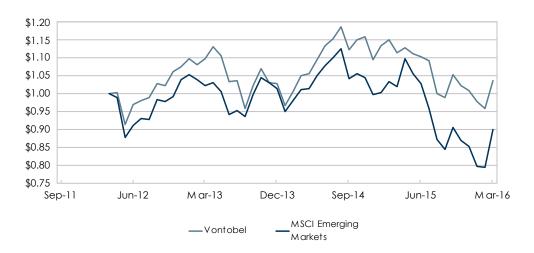


	Vontobel	MSCI Emerging Markets
Return (%)	0.88	-2.58
Standard Deviation (%)	13.93	16.17
Sharpe Ratio	0.06	-0.16

Benchr	nark Relative Statistics	
Beta	0.75	
R Squared (%)	75.40	
Alpha (%)	2.87	
Tracking Error (%)	8.02	
Batting Average (%)	64.58	
Up Capture (%)	91.87	
Down Capture (%)	82.25	

4 Year Portfolio Statistics

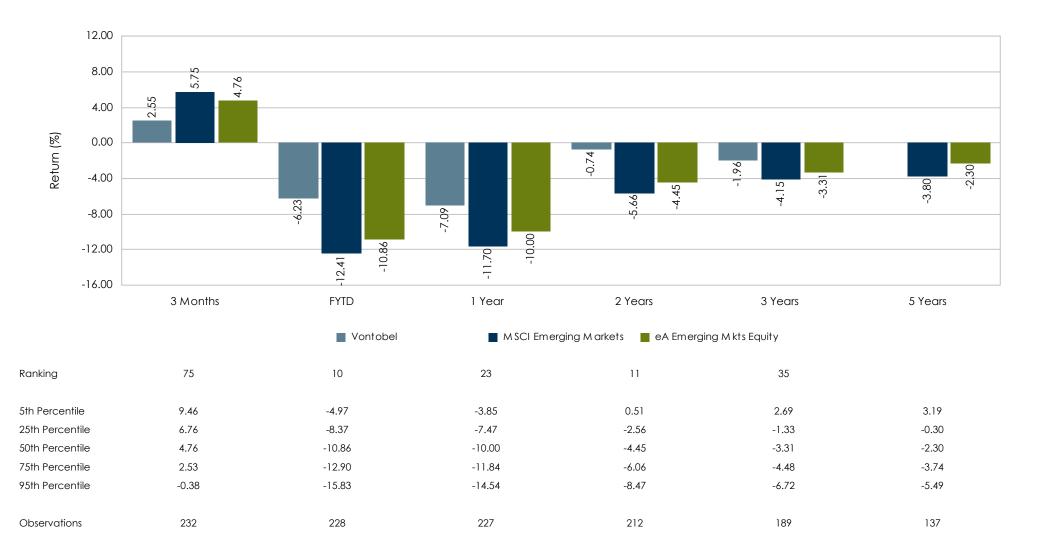
4 Year Growth of a Dollar



4 Year Return Analysis

	Vontobel	MSCI Emerging Markets
Number of Months	48	48
Highest Monthly Return (%)	8.15	13.26
Lowest Monthly Return (%)	-8.79	-11.16
Number of Positive Months	27	23
Number of Negative Months	21	25
% of Positive Months	56.25	47.92

For the Periods Ending March 31, 2016



For the One Year Periods Ending March

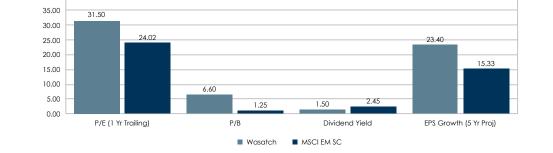


For the Periods Ending March 31, 2016

40.00

Account Description

- Strategy Emerging Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI EM SC
- Performance Inception Date September 2012
- **Fees** 150 bps

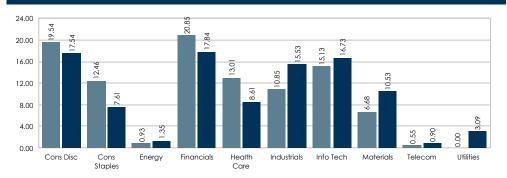


Characteristics

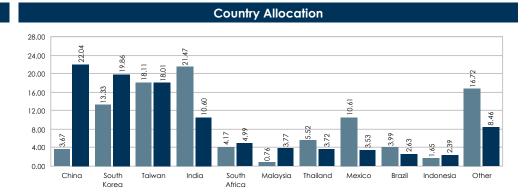
Performance Goals

- Outperform the MSCI Emerging Markets Small Cap Index over a market cycle.
- Rank above median in a universe of international emerging markets equity peers over a market cycle.

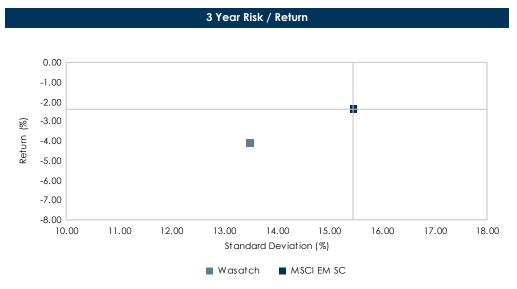
Sector Allocation



Dollar Growth Summary (\$000s) FYTD 1 Year **Beginning Market Value** 33,711 32,820 **Net Additions** -233 -323 Return on Investment -4.038 -3.057233 323 Income Gain/Loss -4,271 -3,380 **Ending Market Value** 29,440 29,440



For the Periods Ending March 31, 2016

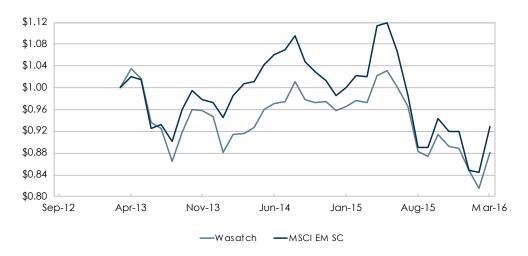


3 Year Portfolio Statistics

	Wasatch	MSCI EM SC
Return (%)	-4.09	-2.40
Standard Deviation (%)	13.50	15.46
Sharpe Ratio	-0.31	-0.16

Benchmark Relative Statistics				
Beta	0.79			
R Squared (%)	82.56			
Alpha (%)	-2.25			
Tracking Error (%)	6.48			
Batting Average (%)	47.22			
Up Capture (%)	77.57			
Down Capture (%)	92.74			

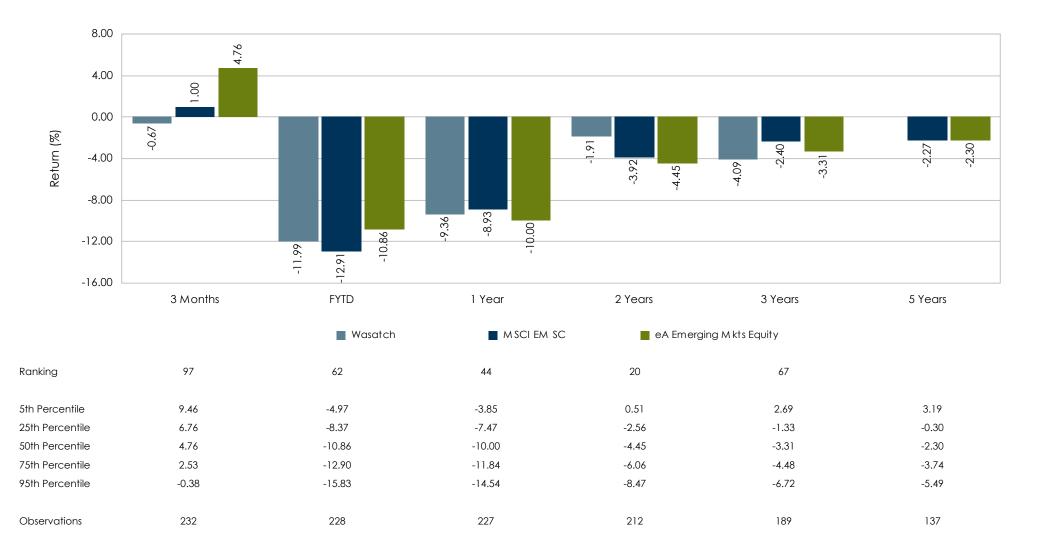
3 Year Growth of a Dollar



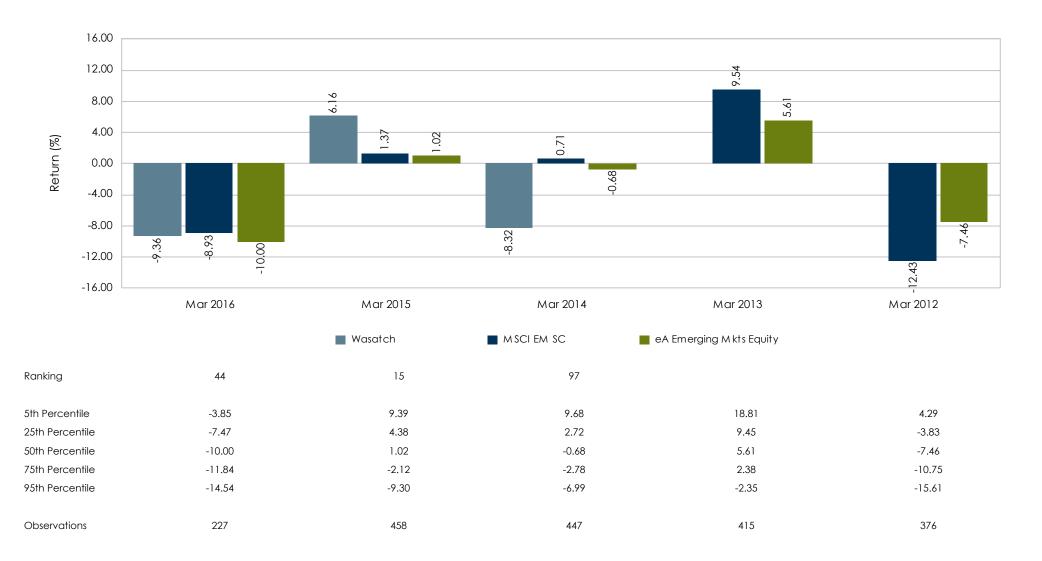
3 Year Return Analysis

	Wasatch	MSCI EM SC
Number of Months	36	36
Highest Monthly Return (%)	8.10	10.01
Lowest Monthly Return (%)	-8.54	-9.60
Number of Positive Months	17	19
Number of Negative Months	19	17
% of Positive Months	47.22	52.78

For the Periods Ending March 31, 2016



For the One Year Periods Ending March



For the Period Ending March 31, 2016

Summary of Cash Flows for 3 Months

Cash Outflows	Cash Inflows	Net Cash Flows
-3,804,240	13,770,724	9,966,484

Summary of Portfolio Inception to Date

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
Total	Duie	555,000,000	465,391,176	110,340,273	499,076,595	186,232,951	685,309,546	1.47x
Buyout		192,500,000	160,907,492	46,042,071	193,292,952	55,380,348	248,673,300	1.55x
Marathon IV	Apr-99	7,000,000	7,462,426	-	10,188,872	-	10,188,872	1.37x
Hicks, Muse	Oct-01	15,000,000	16,211,210	-	28,272,306	-	28,272,306	1.74x
Calera Capital (Fremont III)	Jan-02	10,000,000	10,998,419	271,104	9,623,064	2,088,232	11,711,296	1.06x
Arsenal Capital Partners	Jan-03	15,000,000	16,154,576	1,647,057	28,565,938	246,393	28,812,331	1.78x
Levine Leichtman	Jan-03	10,000,000	10,612,096	439,719	12,488,930	4,392,640	16,881,570	1.59x
Marathon Fund Limited Partnership V	Dec-04	10,000,000	10,557,584	9,301	19,521,422	84,994	19,606,416	1.86x
Arsenal Capital Partners II	Sep-06	15,000,000	14,748,551	126,074	17,844,584	11,182,129	29,026,713	1.97x
Thompson Street C.P. II	Dec-06	10,000,000	10,535,162	1,014,173	16,390,924	4,144,726	20,535,650	1.95x
Sun Capital Partners V	Apr-07	12,500,000	12,255,242	2,515,294	6,000,934	11,000,404	17,001,338	1.39x
HM Capital Sector Performance Fund	May-07	15,000,000	15,604,226	647,720	14,690,140	-	14,690,140	0.94x
Calera Capital Fund IV	Jan-08	10,000,000	8,726,447	1,273,553	12,075,025	1,383,932	13,458,957	1.54x
Levine Leichtman IV	Aug-08	10,000,000	8,617,456	1,685,023	11,060,620	4,728,829	15,789,449	1.83x
Thompson Street Capital III	Aug-11	7,500,000	6,432,933	1,067,067	5,724,967	4,135,484	9,860,451	1.53x
Arsenal Capital Partners III	Apr-12	7,500,000	7,143,874	2,122,548	774,393	7,409,945	8,184,338	1.15x
Apollo Investment Fund VIII	Oct-13	7,500,000	2,439,071	5,131,657	70,833	2,243,643	2,314,476	0.95x
Francisco Partners Fund IV	Nov-14	8,000,000	2,340,000	5,660,000	-	2,338,997	2,338,997	1.00x
CenterOak Equity Fund I	Aug-15	7,500,000	21,769	7,478,231	-	-	-	0.00x
Thompson Street Capital Partners IV	Jan-16	7,500,000	46,450	7,453,550	-	-	-	0.00x
Leonard Green Equity Investors VII	Feb-16	7,500,000	_	7,500,000	-	_	-	-

For the Period Ending March 31, 2016

Summary of Portfolio Inception to Date

	Inception		Drawn	Remaining	Distributions	Adjusted		Total Value
	Date	Committed	to Date	Commitment	to Date	Ending Value	Total Value	to Paid-in
istressed		133,500,000	113,790,784	20,159,620	143,269,039	24,248,909	167,517,948	1.47x
Oaktree Opportunities Fund II	Feb-98	3,000,000	3,000,000	-	4,525,923	-	4,525,923	1.51x
Oaktree Opportunities Fund III	Sep-99	5,000,000	5,000,000	-	7,462,838	66,664	7,529,502	1.51x
Oaktree Opportunities Fund IV	Dec-01	10,000,000	10,000,000	-	16,774,041	29,795	16,803,836	1.68x
Siguler Guff Dist Opp I	Jan-03	20,000,000	19,568,416	741,414	30,026,697	1,328,066	31,354,763	1.60x
Oaktree Opportunities Fund V	Jun-04	4,000,000	4,000,000	-	6,440,248	136,330	6,576,578	1.64x
Oaktree Opportunities Fund VI	Aug-05	4,000,000	4,000,000	-	6,067,888	292,313	6,360,201	1.59x
Siguler Guff Dist Opp II	Sep-05	20,000,000	20,006,044	-	26,182,465	2,445,035	28,627,500	1.43x
Oaktree Opportunities VII A	Mar-07	7,500,000	7,554,219	-	9,374,400	912,272	10,286,672	1.36x
Oaktree Opportunities VII B	May-08	7,500,000	6,750,000	750,000	10,839,005	655,667	11,494,672	1.70x
Siguler Guff Dist Opp III	Aug-08	15,000,000	14,480,311	600,000	16,274,853	6,044,721	22,319,574	1.54x
Oaktree Opportunities VIII	Nov-09	7,500,000	6,750,000	750,000	6,163,583	3,144,628	9,308,211	1.38x
Oaktree Opportunities IX	Jun-12	7,500,000	7,500,000	-	-	7,019,582	7,019,582	0.94x
Oaktree European Dislocation Fund	Oct-13	7,500,000	4,056,794	3,443,206	3,137,098	1,147,485	4,284,583	1.06x
Oaktree Opportunities Fund X	Mar-15	7,500,000	1,125,000	6,375,000	-	1,026,351	1,026,351	0.91x
Oaktree Opportunities Fund Xb	Jun-15	7,500,000	-	7,500,000	-	-	-	-
merging Markets Focused		7,500,000	4,168,334	3,670,353	416,134	4,216,995	4,633,129	1.11x
Actis EM IV	Jan-12	7,500,000	4,168,334	3,670,353	416,134	4,216,995	4,633,129	1.11x
ezzanine		49,500,000	48,976,464	5,995,801	62,948,512	6,922,780	69,871,292	1. 43 x
TCW Crescent II	Mar-99	7,000,000	6,726,192	-	9,793,612	-	9,793,612	1.46x
TCW Crescent Mezzanine Partner III	Jul-01	10,000,000	10,188,852	200,324	20,545,737	346,775	20,892,512	2.05x
TCW Crescent IV	Jun-06	10,000,000	9,873,180	1,921,076	10,765,452	475,600	11,241,052	1.14x
Newstone Capital Partners	Oct-06	5,000,000	5,551,904	86,065	6,339,392	427,824	6,767,216	1.22x
TCW Mezzanine Fund V	Jan-08	10,000,000	7,336,349	2,663,651	7,971,129	2,328,836	10,299,965	1.40x
Newstone Capital Partners II	Jan-10	7,500,000	9,299,987	1,124,685	7,533,190	3,343,745	10,876,935	1.17x
other		21,500,000	7,810,874	13,804,388	765,407	7,168,379	7,933,786	1.02x
EnCap Energy Fund IX	Jan-13	6,500,000	4,213,718	2,286,282	650,145	3,978,742	4,628,887	1.10x
EnCap Energy Fund X	Mar-15	7,500,000	918,116	6,697,146	115,262	663,670	778,932	0.85x
ArcLight Energy Partners VI	Mar-15	7,500,000	2,679,040	4,820,960	-	2,525,967	2,525,967	0.94x
econdary Fund of Funds		20,000,000	21,439,062	-67,919	22,409,846	6,652,829	29,062,675	1.36x
Lexington VI	Dec-05	20,000,000	21,439,062	-67,919	22,409,846	6,652,829	29,062,675	1.36x

For the Period Ending March 31, 2016

Summary of Portfolio Inception to Date

	Inception		Drawn	Remaining	Distributions	Adjusted		Total Value
	Date	Committed	to Date	Commitment	to Date	Ending Value	Total Value	to Paid-in
Venture Capital		130,500,000	108,298,166	20,735,959	75,974,705	81,642,711	157,617,416	1.46x
Weiss, Peck & Greer V, LLC	Jul-99	7,000,000	6,932,406	67,594	4,507,097	-	4,507,097	0.65x
Firstmark Venture Partners II (Pequot)	Feb-00	1,000,000	955,000	45,000	276,774	46,135	322,909	0.34x
Lightspeed Venture Partners VI (WPG)	Oct-00	12,000,000	11,010,270	989,730	9,783,606	837,701	10,621,307	0.96x
Midtown Fund III (Firstmark III,Pequot)	Oct-00	15,000,000	14,738,625	295,500	11,782,441	358,499	12,140,940	0.82x
Venture Lending & Leasing Fund	May-01	6,000,000	4,500,000	-	5,357,340	254,475	5,611,815	1.25x
Accel Europe	Jun-01	10,000,000	10,000,000	-	7,850,593	5,030,325	12,880,918	1.29x
Knightsbridge Fund VI	Dec-04	12,000,000	11,232,000	768,000	5,652,368	9,838,936	15,491,304	1.38x
Firstmark I (Pequot, Firstmark IV)	Nov-05	5,000,000	4,950,000	50,000	10,341,542	22,425,458	32,767,000	6.62x
Weathergage Venture Capital	Mar-07	7,500,000	6,862,500	637,500	4,944,343	7,929,144	12,873,487	1.88x
Warburg Pincus	Sep-07	15,000,000	15,000,000	-	13,059,019	7,871,995	20,931,014	1.40x
Weathergage Venture Cap II	Mar-11	7,500,000	6,825,000	675,000	1,040,926	9,953,588	10,994,514	1.61x
Firstmark II (Firstmark V)	Jul-11	5,000,000	4,322,365	677,635	150,700	5,696,370	5,847,070	1.35x
Warburg Pincus XI	Oct-12	7,500,000	6,450,000	1,050,000	786,458	7,135,615	7,922,073	1.23x
Firstmark Capital Fund III	Oct-13	5,000,000	1,975,000	3,025,000	-	1,943,039	1,943,039	0.98x
Firstmark Capital Opportunity Fund I	May-14	5,000,000	2,175,000	2,825,000	441,498	1,969,711	2,411,209	1.11x
Warburg Pincus XII	Dec-15	10,000,000	370,000	9,630,000	-	351,720	351,720	0.95x

Cash Flow Activity for 3 Months

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Total			-3,804,240	13,770,724	9,966,484
Buyout			-1,342,901	5,686,658	4,343,757
Arsenal Capital Partners	1/01/2016	Distribution	-	9,551	
Thompson Street C.P. II	1/04/2016	Distribution	-	36,397	
Thompson Street C.P. II	1/04/2016	Capital Call	-44,311	-	
Thompson Street C.P. II	1/04/2016	Capital Call for Fees	-13,655	-	
Sun Capital Partners V	1/06/2016	Capital Call	-15,619	-	
Sun Capital Partners V	1/06/2016	Distribution	-	58,514	
Thompson Street Capital III	1/06/2016	Distribution	-	2,782,354	
Thompson Street Capital III	1/06/2016	Capital Call	-44,536	-	
Levine Leichtman IV	1/12/2016	Distribution	-	899,384	
Levine Leichtman IV	1/14/2016	Capital Call for Fees	-31,342	-	
Thompson Street Capital Partners IV	1/25/2016	Capital Call for Fees	-46,450	-	
Levine Leichtman	1/30/2016	Distribution	-	68,619	70

For the Period Ending March 31, 2016

Cash Flow Activity for 3 Months

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Buyout continued					
Levine Leichtman IV	1/30/2016	Distribution of Recallable Principal	-	20,885	
Apollo Investment Fund VIII	2/01/2016	Distribution of Recallable Principal	-	24,940	
Apollo Investment Fund VIII	2/01/2016	Distribution	-	105	
Apollo Investment Fund VIII	2/01/2016	Capital Call	-128,247	-	
Apollo Investment Fund VIII	2/01/2016	Capital Call for Fees	-25,468	-	
Calera Capital Fund IV	2/11/2016	Capital Call for Fees	-9,004	-	
Calera Capital Fund IV	2/11/2016	Distribution	-	1,472,729	
Calera Capital Fund IV	2/16/2016	Capital Call for Fees	-27,436	-	
Calera Capital (Fremont III)	2/22/2016	Distribution	-	63,642	
Arsenal Capital Partners III	2/26/2016	Capital Call	-945,566	-	
Arsenal Capital Partners III	2/26/2016	Capital Call for Fees	-11,267	-	
Levine Leichtman	2/28/2016	Distribution	-	70,335	
Levine Leichtman IV	2/28/2016	Distribution of Recallable Principal	-	9,029	
Levine Leichtman IV	2/28/2016	Distribution	-	4,064	
Levine Leichtman	3/04/2016	Distribution	-	54,621	
Marathon Fund Limited Partnership V	3/10/2016	Distribution	-	88,102	
Levine Leichtman	3/30/2016	Distribution	-	14,412	
Levine Leichtman IV	3/30/2016	Distribution of Recallable Principal	-	5,491	
Levine Leichtman IV	3/30/2016	Distribution	-	3,484	
istressed				2,243,037	2,243,037
Oaktree European Dislocation Fund	1/27/2016	Distribution	-	280,376	
Siguler Guff Dist Opp II	2/26/2016	Distribution	-	104,850	
Oaktree European Dislocation Fund	3/01/2016	Distribution	-	862,289	
Siguler Guff Dist Opp III	3/17/2016	Distribution	-	538,351	
Oaktree Opportunities VIII	3/23/2016	Distribution	-	448,088	
Siguler Guff Dist Opp II	3/28/2016	Distribution	-	667	
Siguler Guff Dist Opp III	3/28/2016	Distribution	-	960	
Oaktree European Dislocation Fund	3/29/2016	Return of Excess Capital	-	7,456	
merging Markets Focused				64,005	64,005
Actis EM IV	1/12/2016	Distribution of Recallable Principal	-	62,315	

For the Period Ending March 31, 2016

Cash Flow Activity for 3 Months

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Emerging Markets Focused continu					
Actis EM IV	1/12/2016	Made a return of contribution: \$1,690	-	1,690	
Mezzanine			-431,250	452,657	21,407
TCW Mezzanine Fund V	1/25/2016	Distribution	-	246,926	
Newstone Capital Partners II	2/01/2016	Capital Call	-431,250	-	
Newstone Capital Partners	2/04/2016	Distribution	-	48,360	
Newstone Capital Partners II	2/04/2016	Distribution	-	62,779	
TCW Mezzanine Fund V	3/21/2016	Distribution	-	94,592	
Other			-945,869	439,630	-506,239
EnCap Energy Fund IX	1/08/2016	Distribution	-	439,630	
EnCap Energy Fund IX	1/13/2016	Capital Call	-104,663	-	
EnCap Energy Fund X	1/27/2016	Capital Call	-232,128	-	
ArcLight Energy Partners VI	2/18/2016	Capital Call	-440,586	-	
EnCap Energy Fund X	3/24/2016	Capital Call	-51,597	-	
EnCap Energy Fund IX	3/28/2016	Capital Call	-116,895	-	
Secondary Fund of Funds			-213,815	342,419	128,604
Lexington VI	2/21/2016	Capital Call	-213,815	-	
Lexington VI	2/26/2016	Distribution	-	170,942	
Lexington VI	3/30/2016	Distribution	-	171,477	
Venture Capital			-870,405	4,542,318	3,671,913
Firstmark I (Pequot, Firstmark IV)	2/02/2016	Distribution	-	379,257	
Firstmark I (Pequot, Firstmark IV)	2/03/2016	Base Rate Interest - Paid	-5,405	-	
Warburg Pincus XI	2/05/2016	Capital Call	-75,000	-	
Warburg Pincus XII	2/17/2016	Capital Call	-115,000	-	
Firstmark I (Pequot, Firstmark IV)	2/18/2016	Distribution	-	1,023,343	
Firstmark Capital Opportunity Fund I	2/26/2016	Distribution	-	441,498	
Firstmark I (Pequot, Firstmark IV)	2/28/2016	Distribution	-	480,168	
Weathergage Venture Capital	3/04/2016	Distribution	-	204,000	
Firstmark I (Pequot, Firstmark IV)	3/09/2016	Distribution	-	647,702	
Warburg Pincus	3/10/2016	Distribution	-	520,260	
Weathergage Venture Cap II	3/15/2016	Distribution	-	333,203	
Weathergage Venture Cap II	3/15/2016	Capital Call	-150,000	-	72

Private Equity

For the Period Ending March 31, 2016

Cash Flow Activity for 3 Months

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Venture Capital continued					
Warburg Pincus XI	3/16/2016	Distribution	-	60,938	
Warburg Pincus XII	3/21/2016	Capital Call	-100,000	-	
Firstmark I (Pequot, Firstmark IV)	3/22/2016	Distribution	-	451,949	
Firstmark Capital Fund III	3/30/2016	Capital Call	-250,000	-	
Firstmark II (Firstmark V)	3/30/2016	Capital Call	-175,000	-	

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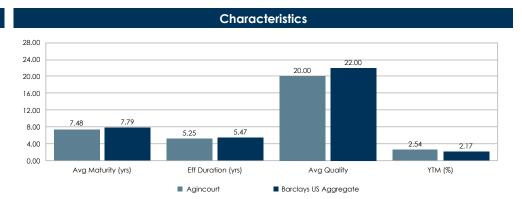
Oklahoma Police Pension & Retirement System

Fixed Income Manager Performance

For the Periods Ending March 31, 2016

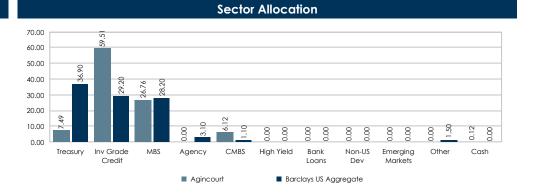
Account Description

- Strategy Core Bonds
- Vehicle Separately Managed Account
- Benchmark Barclays US Aggregate
- Performance Inception Date October 1999
- Fees 25 bps on the first \$25 million, 20 bps on the next \$75 million, 15 bps on the next \$50 million, and 10 bps on the next \$50 million

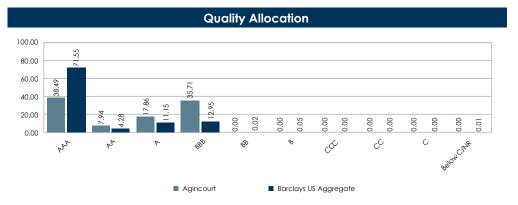


Performance Goals

- Outperform the Barclays US Aggregate.
- Over rolling three year periods, rank above median in the eA US Core Fixed Income universe.



Dollar Growth Summary (\$000s) FYTD 1 Year **Beginning Market Value** 150,736 153,317 **Net Additions** -20,198 -20.137Return on Investment 5,146 2.627 4,787 6.332 Income 359 -3,705 Gain/Loss **Ending Market Value** 135,745 135.745



For the Periods Ending March 31, 2016

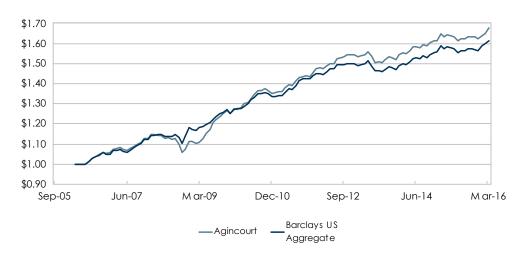


10 Year Portfolio Statistics

		Barclays US
	Agincourt	Aggregate
Return (%)	5.29	4.90
Standard Deviation (%)	3.52	3.21
Sharpe Ratio	1.22	1.22

Benchmark Relative Statistics		
Beta	0.99	
R Squared (%)	80.84	
Alpha (%)	0.45	
Tracking Error (%)	1.54	
Batting Average (%)	60.83	
Up Capture (%)	105.86	
Down Capture (%)	100.45	

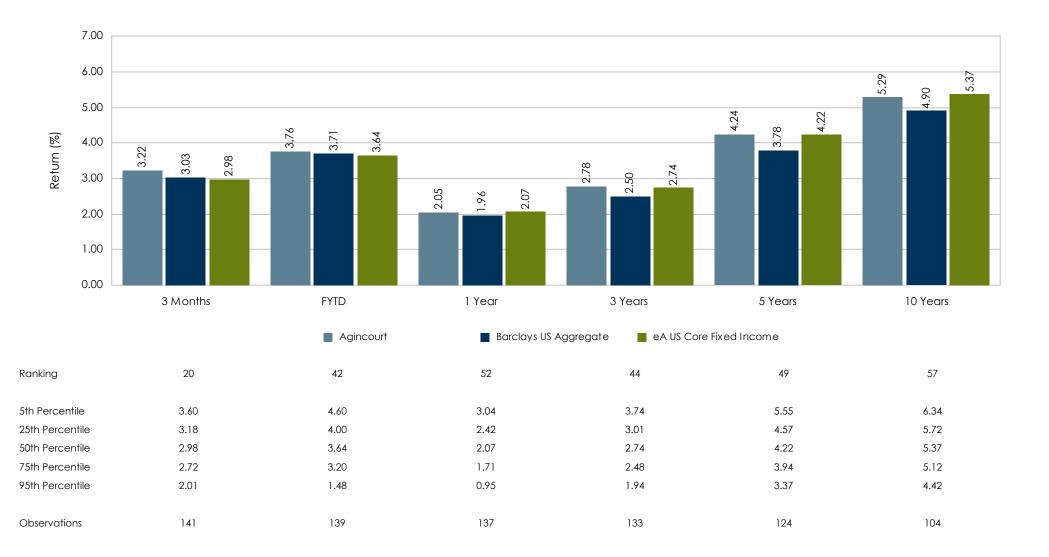
10 Year Growth of a Dollar



10 Year Return Analysis

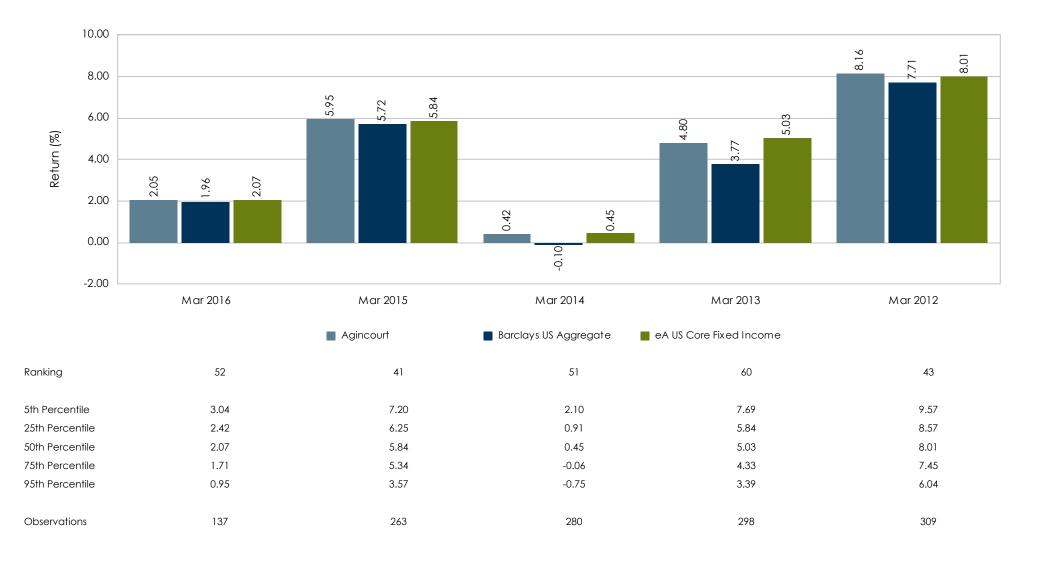
	Agincourt	Barclays US Aggregate
Number of Months	120	120
Highest Monthly Return (%)	3.80	3.73
Lowest Monthly Return (%)	-3.54	-2.36
Number of Positive Months	82	81
Number of Negative Months	38	39
% of Positive Months	68.33	67.50

For the Periods Ending March 31, 2016



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

For the One Year Periods Ending March



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

For the Periods Ending March 31, 2016

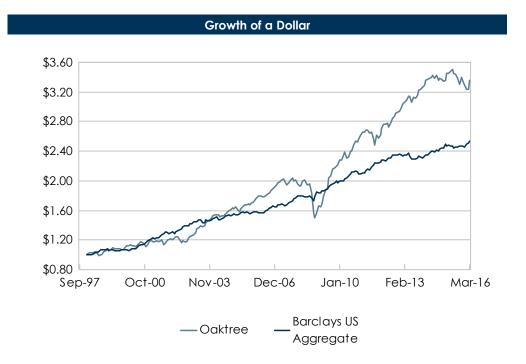
Account Description

- Strategy Multi-Sector Fixed Income
- Vehicle Non-Mutual Commingled
- Benchmark Barclays US Aggregate
- **Performance Inception Date** February 1998
- Fees 50 bps

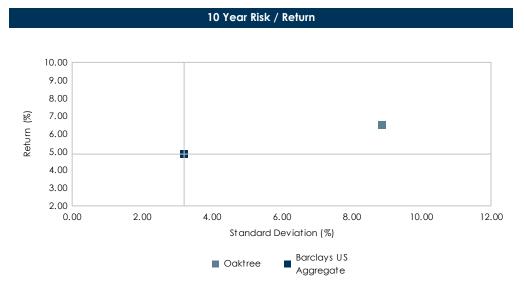
Performance Goals

- Outperform the Barclays US Aggregate.
- Each underlying strategy should outperform its relevant benchmark.

Dollar Growth Summary (\$000s)				
	FYTD	1 Year		
Beginning Market Value	138,877	139,208		
Net Additions	-600	-808		
Return on Investment	-3,532	-3,654		
Income	6,309	7,914		
Gain/Loss	-9,841	-11,568		
Ending Market Value	134,746	134,746		



For the Periods Ending March 31, 2016

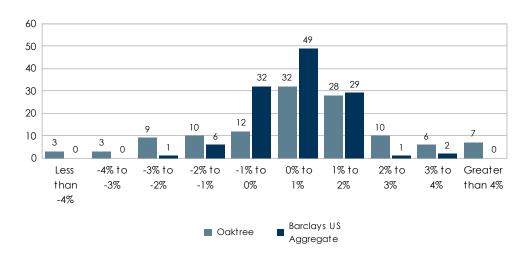


10 Year Portfolio Statistics

		Barclays US
	Oaktree	Aggregate
Return (%)	6.49	4.90
Standard Deviation (%)	8.87	3.21
Sharpe Ratio	0.62	1.22

Benchmark Relative Statistics		
Beta	0.71	
R Squared (%)	6.50	
Alpha (%)	3.35	
Tracking Error (%)	8.63	
Batting Average (%)	55.00	
Up Capture (%)	112.96	
Down Capture (%)	71.73	

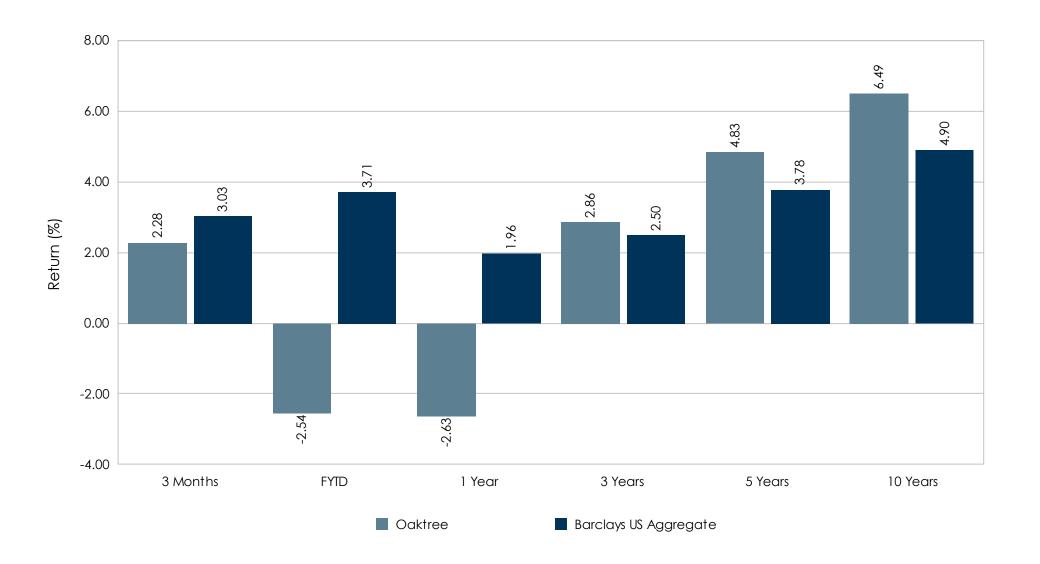
10 Year Return Histogram



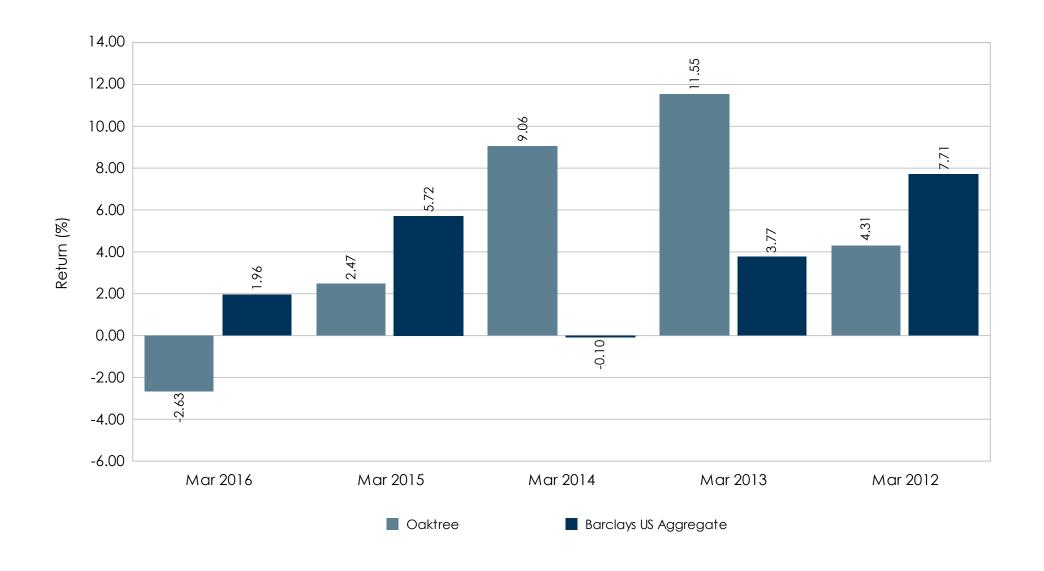
10 Year Return Analysis

	Oaktree	Barclays US Aggregate
Number of Months	120	120
Highest Monthly Return (%)	7.58	3.73
Lowest Monthly Return (%)	-14.86	-2.36
Number of Positive Months	83	81
Number of Negative Months	37	39
% of Positive Months	69.17	67.50

For the Periods Ending March 31, 2016



For the One Year Periods Ending March

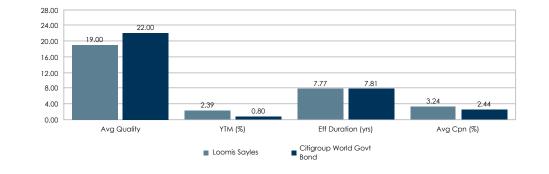


Loomis Sayles

For the Periods Ending March 31, 2016

Account Description

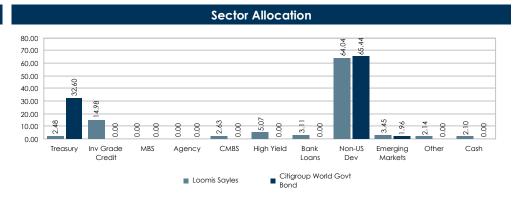
- Strategy Multi-Sector Fixed Income
- Vehicle Non-Mutual Commingled
- Benchmark Citigroup World Govt Bond
- Performance Inception Date June 2008
- **Fees** 35 bps



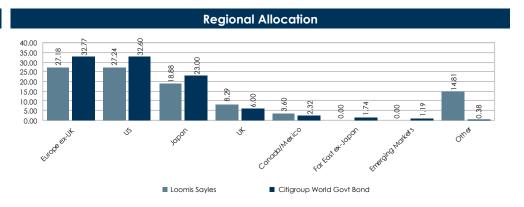
Characteristics

Performance Goals

- Outperform the Citigroup World Govt Bond.
- Rank above the median in a universe of eA All Global Fixed Income universe over a full market cycle.



Pollar Growth Summary (\$000s) FYTD 1 Year Beginning Market Value 87,357 88,996 Net Additions -222 -296 Return on Investment 5,094 3,529 Ending Market Value 92,230 92,230

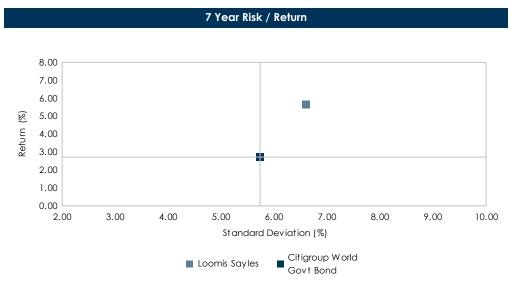


Characteristic and allocation charts represents data of the Loomis World Bond NH Trust (Non-Mutual Commingled).

The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

Loomis Sayles

For the Periods Ending March 31, 2016



	Loomis Sayles	Citigroup World Govt Bond
Return (%)	5.67	2.74
Standard Deviation (%)	6.60	5.73
Sharpe Ratio	0.85	0.47

Benchmark Relative Statistics		
Beta	1.04	
R Squared (%)	81.33	
Alpha (%)	2.79	
Tracking Error (%)	2.86	
Batting Average (%)	69.05	
Up Capture (%)	129.09	
Down Capture (%)	93.36	

7 Year Portfolio Statistics

7 Year Growth of a Dollar

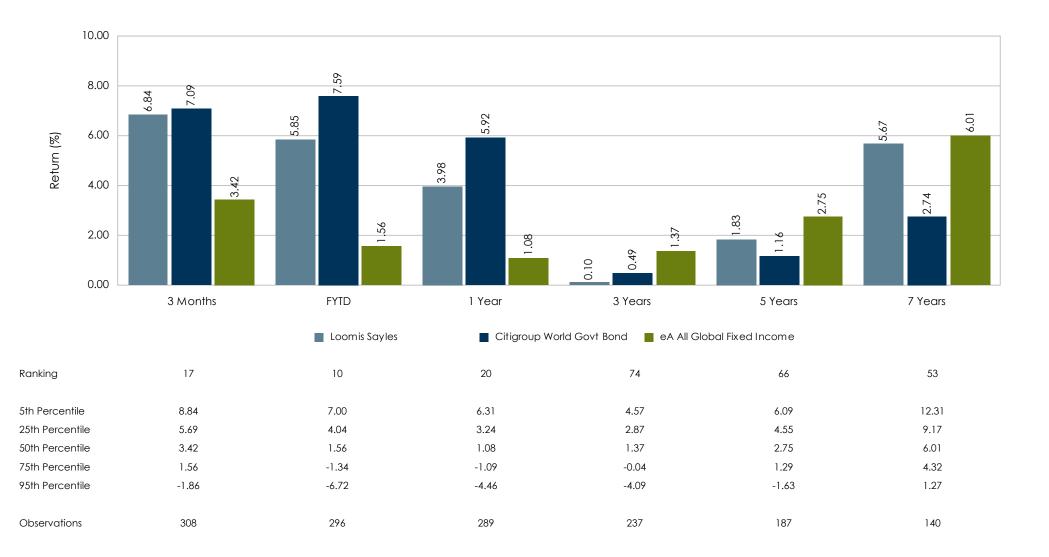


7 Year Return Analysis

	Loomis Sayles	Citigroup World Govt Bond
Number of Months	84	84
Highest Monthly Return (%)	6.12	3.64
Lowest Monthly Return (%)	-4.53	-5.03
Number of Positive Months	54	48
Number of Negative Months	30	36
% of Positive Months	64.29	57.14

Loomis Sayles

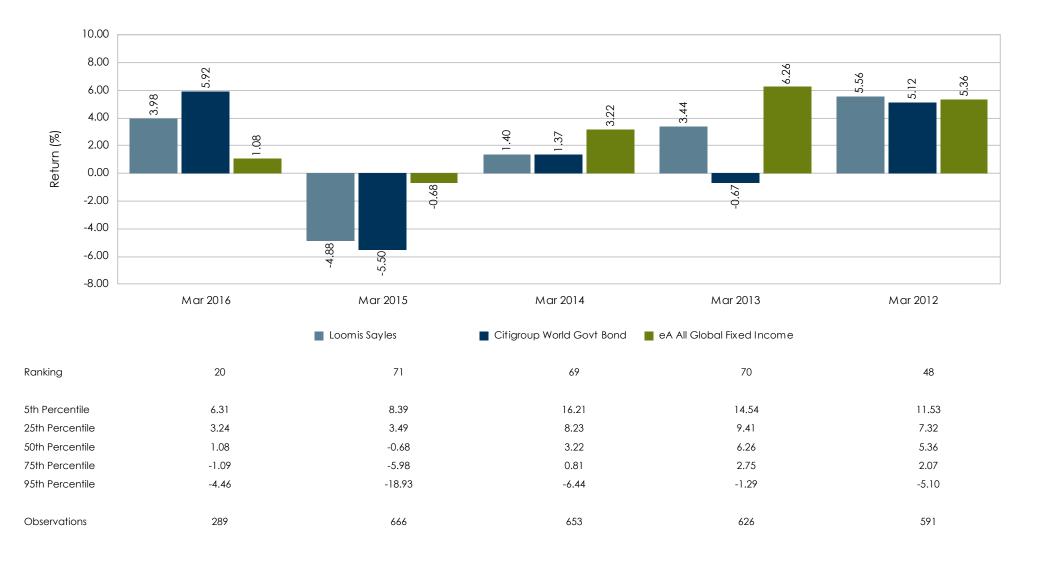
For the Periods Ending March 31, 2016



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

Loomis Sayles

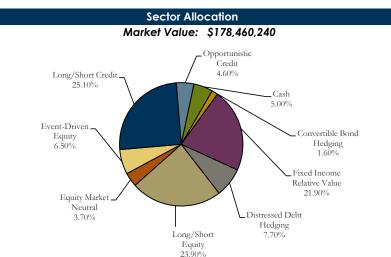
For the One Year Periods Ending March



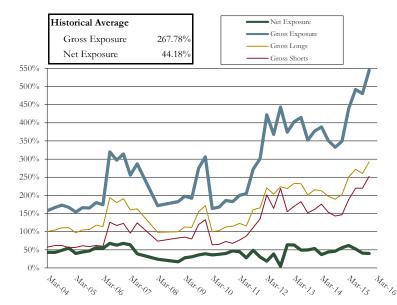
The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

PAAMCO

For the Periods Ending March 31, 2016



Historical Net & Gross Exposure



Characteristic data provided by manager.

Strategy

- Low Volatility Hedge Fund of Funds
- Performance Inception Date: October 2002
- Redemption: Quarterly with 60 days written notice

Objectives and Constraints

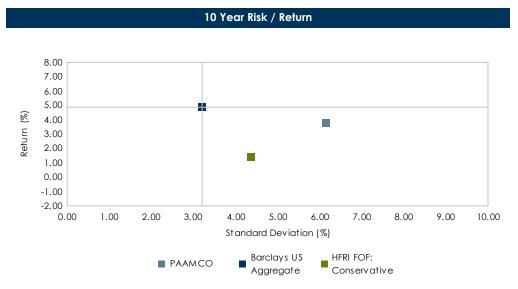
- Target annualized return: 10-12%
- Target annualized standard deviation: approximate the standard deviation of the Barclays Capital Aggregate
- Maximum number of managers: 55
- Allocation to any manager: not to exceed 5% at cost or 7% at market value
- Allocation to Convertible Bond Hedging: 20-40%
- Allocation to Sovereign Debt & Mortgage Hedging: 0-10%
- Allocation to Credit Hedging & Distressed Debt Hedging: 0-25%
- Allocation to Merger Arbitrage: 0-20%
- Allocation to Equity Market Neutral & Long/Short Equity: 20-45%
- Allocation to Short Biased: 0-5%
- Allocation to Cash: 0-5%

Exposure

Net Exposure: 40.00%Gross Exposure: 544.50%

PAAMCO

For the Periods Ending March 31, 2016

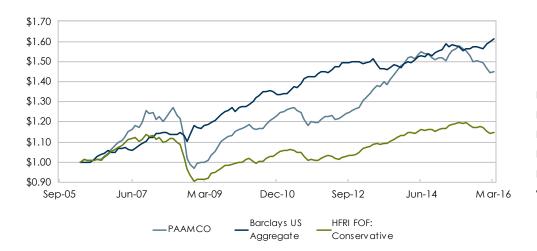


Barclays US HFRI FOF: **PAAMCO** Aggregate Conservative 3.78 4.90 1.38 Return (%) 3.21 4.37 Standard Deviation (%) 6.15 **Sharpe Ratio** 0.45 1.22 0.09

10 Year Portfolio Statistics

Benchmark Relative Statistics			
-0.03	1.32		
0.02	87.90		
4.11	1.99		
6.98	2.55		
56.67	65.00		
43.46	149.76		
-25.92	109.83		
	-0.03 0.02 4.11 6.98 56.67 43.46		

10 Year Growth of a Dollar

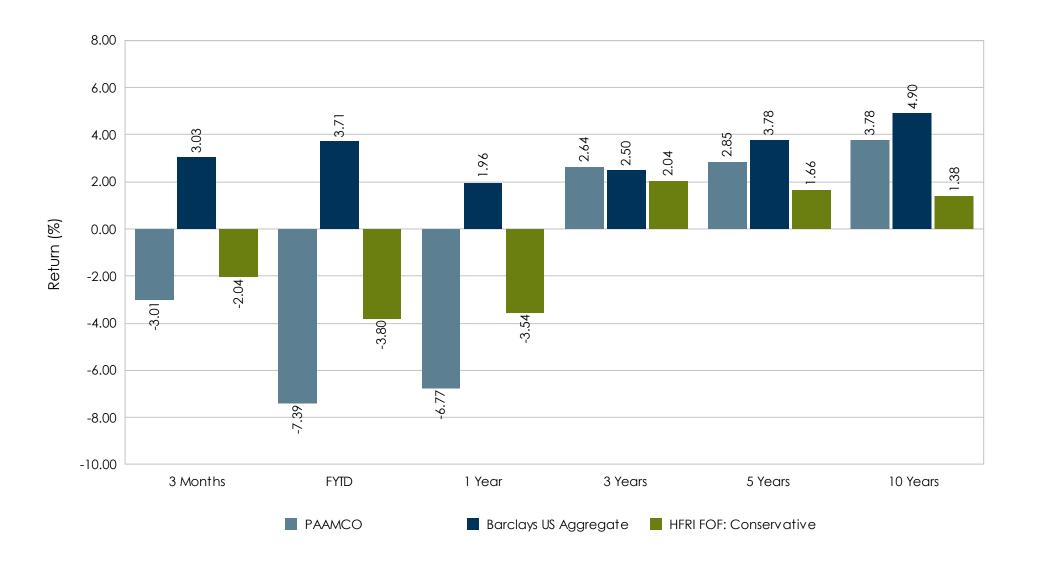


10 Year Return Analysis

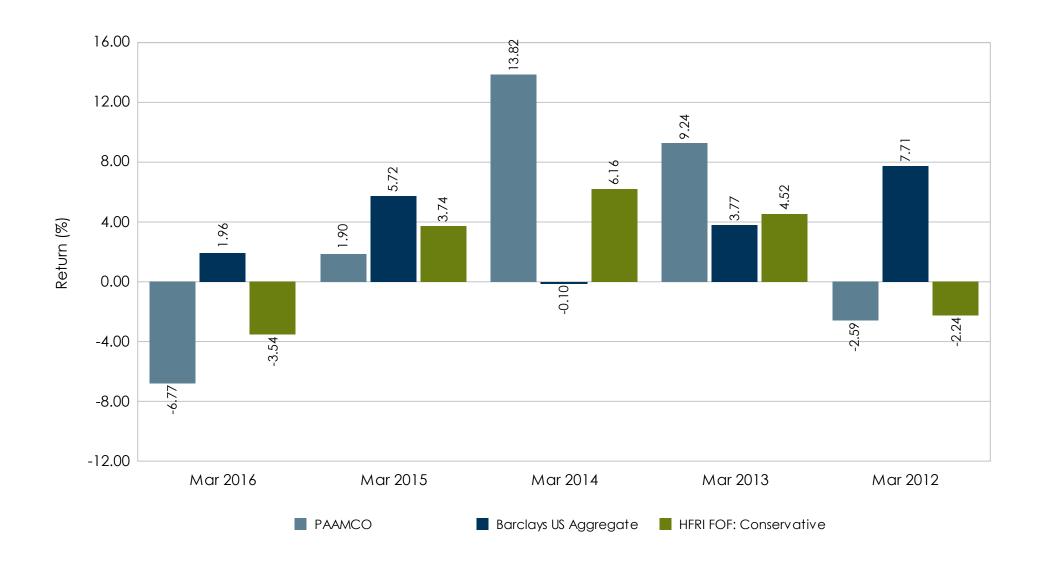
	PAAMCO	Barclays US Aggregate	HFRI FOF: Conservative
Number of Months	120	120	120
Highest Monthly Return (%)	4.90	3.73	2.42
Lowest Monthly Return (%)	-9.06	-2.36	-5.91
Number of Positive Months	81	81	80
Number of Negative Months	39	39	40
% of Positive Months	67.50	67.50	66.67

PAAMCO

For the Periods Ending March 31, 2016



PAAMCOFor the One Year Periods Ending March



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Oklahoma Police Pension & Retirement System

Real Assets Manager Performance

JP Morgan Strategic Property

For the Periods Ending March 31, 2016

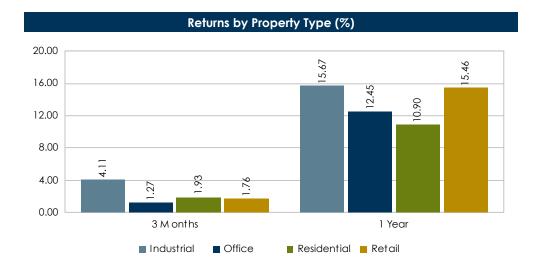
of Participants

Account Description

- **Strategy** Core Real Estate
- Vehicle Non-Mutual Commingled
- Benchmarks NFI ODCE Net and NCREIF Property
- Performance Inception Date December 2007
- **Fees** 100 bps

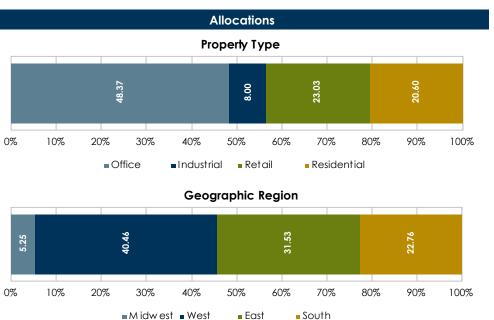
Performance Goals

■ Exceed the total return of the NFI ODCE Net.





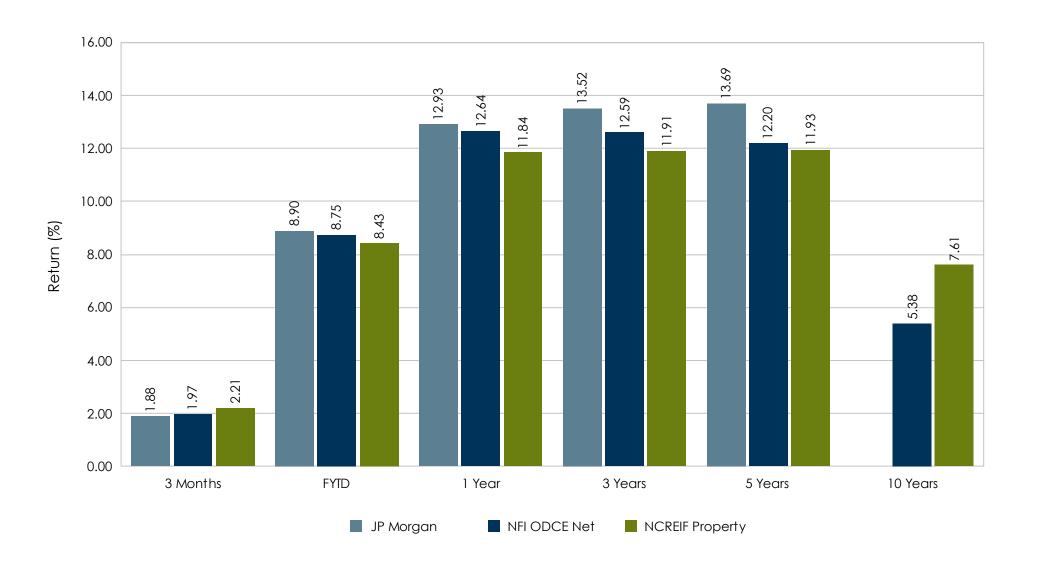
Account Information



412

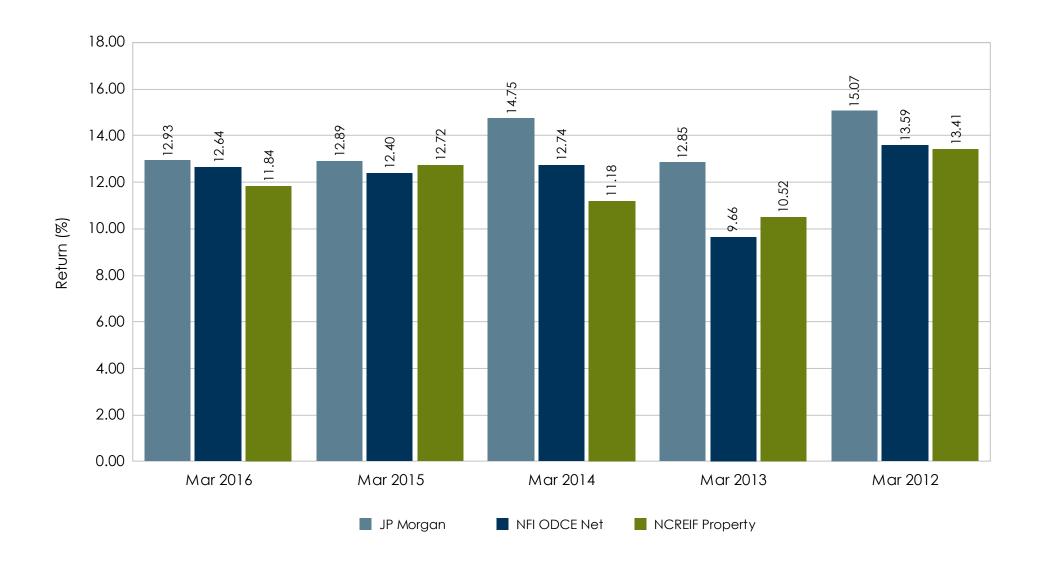
JP Morgan Strategic Property

For the Periods Ending March 31, 2016



JP Morgan Strategic Property

For the One Year Periods Ending March



Blackstone Property Partners

For the Periods Ending March 31, 2016

Account Description

- **Strategy** Core Real Estate
- Performance Inception Date January 2015
- Benchmarks NFI ODCE Net and NCREIF Property

Account Information

Ending Market Value

\$33,187,904

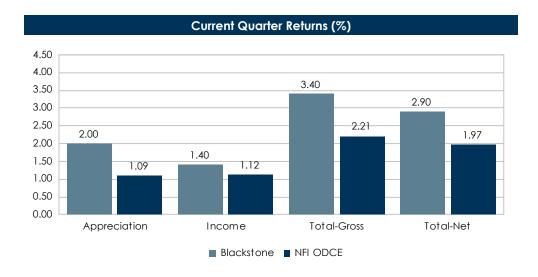
Fund Information

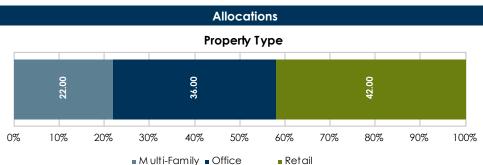
■ Net Market Value \$3,374,000,000

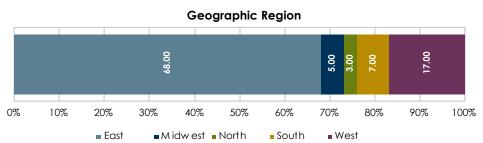
of Properties

Performance Goals

■ Exceed the total return of the NFI ODCE Net.

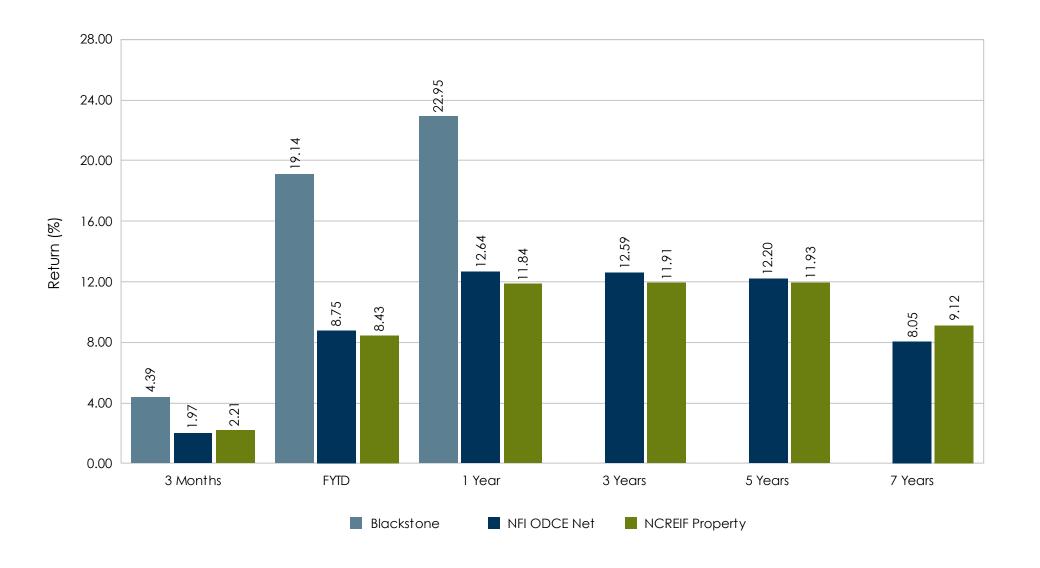






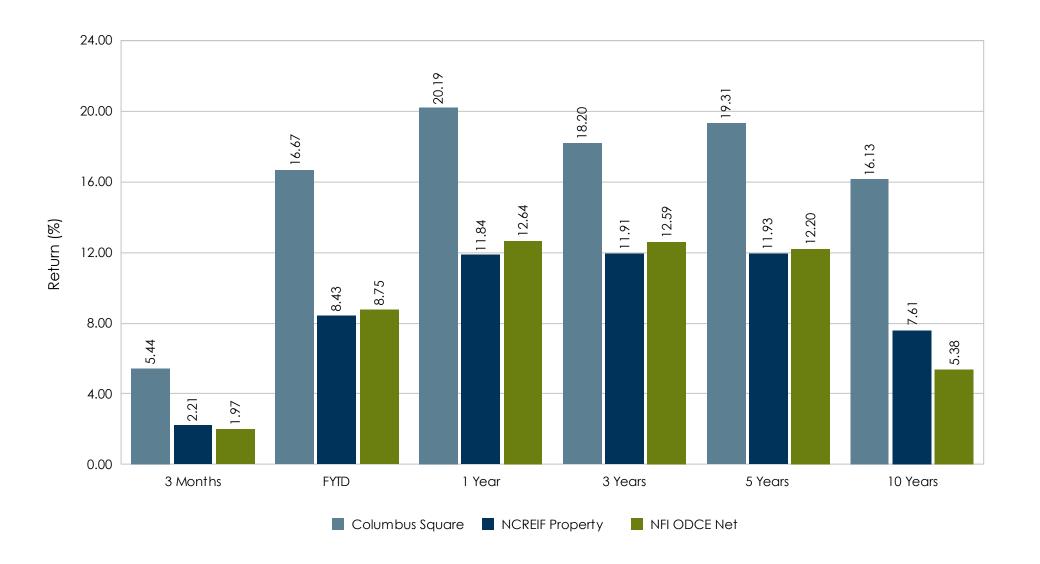
Blackstone Property Partners

For the Periods Ending March 31, 2016



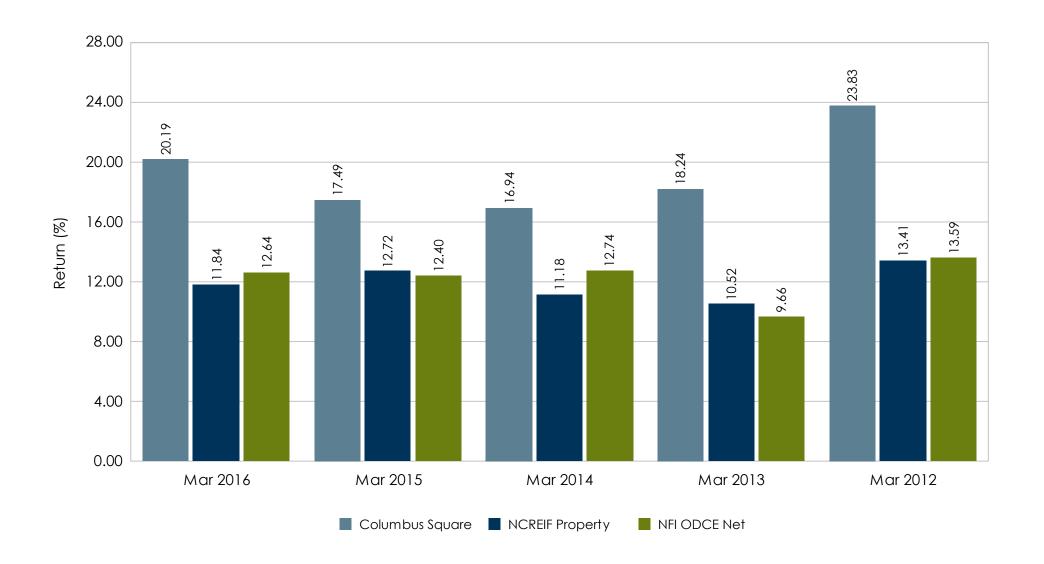
Columbus Square

For the Periods Ending March 31, 2016



Columbus Square

For the One Year Periods Ending March



Private Real Estate

For the Period Ending March 31, 2016

Summary of Cash Flows for 3 Months

Cash Outflows	Cash Inflows	Net Cash Flows
-310,000	2,882,020	2,572,020

Summary of Portfolio Inception to Date

	Inception		Drawn	Remaining	Distributions	Adjusted		Total Value
	Date	Committed	to Date	Commitment	to Date	Ending Value	Total Value	to Paid-in
Total		82,500,000	62,252,480	29,207,714	18,836,953	59,705,039	78,541,992	1. 26 x
Real Estate		82,500,000	62,252,480	29,207,714	18,836,953	59,705,039	78,541,992	1.26x
Siguler Guff Dist. Real Estate Opp.	Jul-11	10,000,000	8,508,587	1,713,913	4,454,895	8,371,421	12,826,316	1.51x
TA Associates Realty X	Nov-12	20,000,000	20,000,000	-	4,016,508	21,418,801	25,435,309	1.27x
Cerberus Real Estate Fund III	May-13	20,000,000	25,185,319	3,552,375	10,330,618	21,652,803	31,983,421	1.27x
Hall Capital Fund III	Feb-14	7,500,000	2,770,997	4,729,003	34,932	2,582,221	2,617,153	0.94x
Siguler Guff Dist. Real Estate Opp. II	Nov-14	10,000,000	5,787,577	4,212,423	-	5,679,793	5,679,793	0.98x
Cerberus Institutional Real Estate Partners 4	Mar-16	15,000,000	-	15,000,000	-	-	-	-

Cash Flow Activity for 3 Months

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Total			-310,000	2,882,020	2,572,020
Real Estate			-310,000	2,882,020	2,572,020
Siguler Guff Dist. Real Estate Opp. II	1/19/2016	Capital Call	-310,000	-	
Cerberus Real Estate Fund III	1/22/2016	Distribution	-	1,592,924	
Siguler Guff Dist. Real Estate Opp.	2/04/2016	Distribution	-	227,500	
Siguler Guff Dist. Real Estate Opp.	2/04/2016	Distribution of Recallable Principal	-	122,500	
TA Associates Realty X	2/24/2016	Distribution	-	345,055	
Cerberus Real Estate Fund III	3/11/2016	Distribution of Recallable Principal	-	494,041	
Siguler Guff Dist. Real Estate Opp.	3/17/2016	Distribution of Recallable Principal	-	100,000	

Mount Lucas Peak Partners

For the Periods Ending March 31, 2016

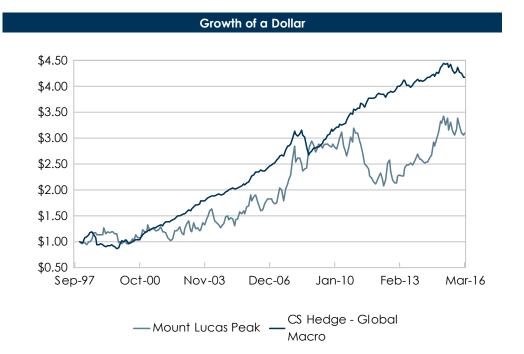
Account Description

Performance Goals

- Strategy Commodities
- Vehicle Non-Mutual Commingled
- Benchmark CS Hedge Global Macro
- Performance Inception Date January 1998
- Fees 100 bps and an annual incentive fee

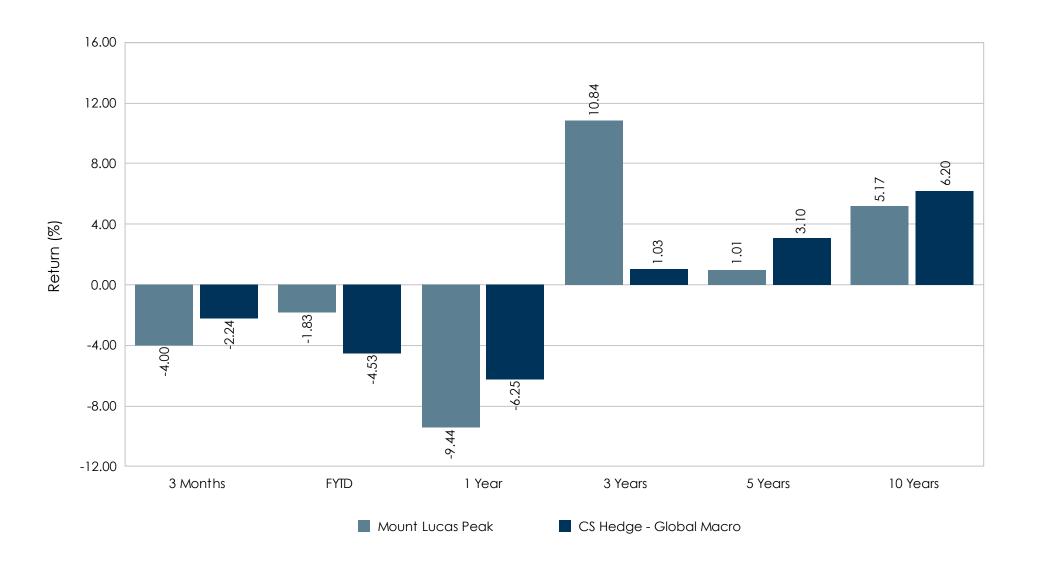
• Outperform the CS Hedge - Global Macro over a complete market cycle.

Dollar Growth Summary (Suuus)								
	FYTD	1 Year						
Beginning Market Value	30,739	33,495						
Net Additions	-274	-444						
Return on Investment	-558	-3,144						
Income	274	444						
Gain/Loss	-832	-3,588						
Ending Market Value	29,907	29,907						



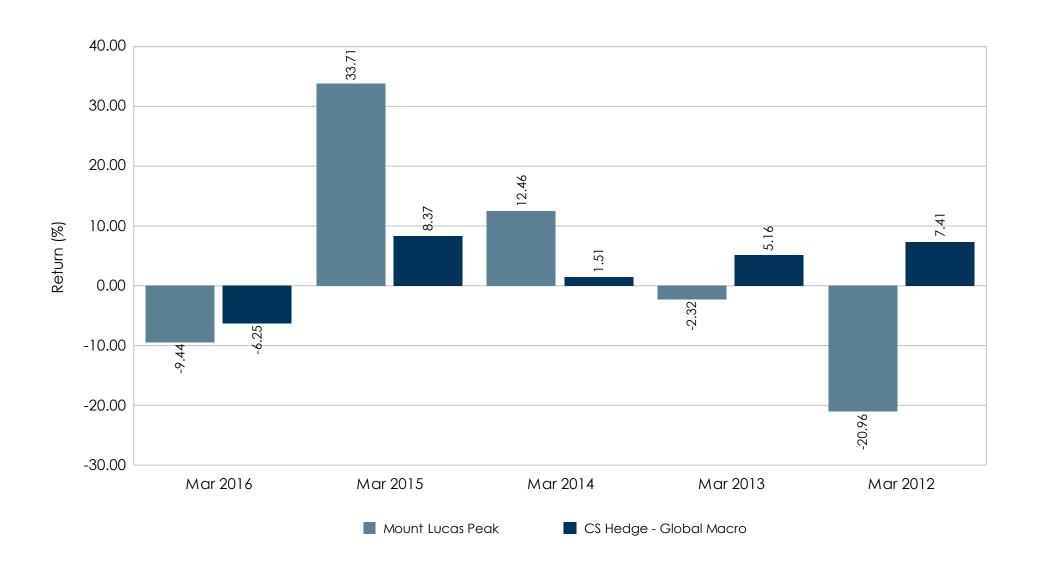
Mount Lucas Peak Partners

For the Periods Ending March 31, 2016



Mount Lucas Peak Partners

For the One Year Periods Ending March



Gresham Tap Fund

For the Periods Ending March 31, 2016

Account Description

Performance Goals

• Outperform the Bloomberg Commodity over a complete market cycle.

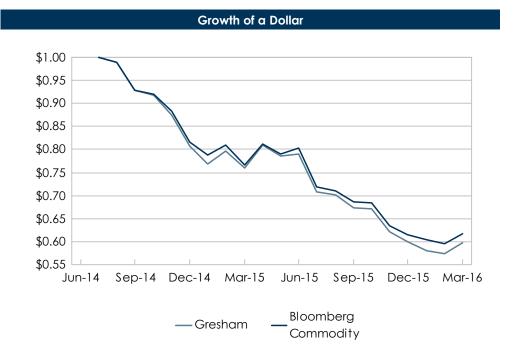
- **Strategy** Commodities
- Vehicle Non-Mutual Commingled
- **Benchmark** Bloomberg Commodity
- Performance Inception Date August 2014
- **Fees** 75 bps

Ending Market Value

Dollar Growth Summary (\$000s)						
	FYTD	1 Year				
Beginning Market Value	59,281	56,921				
Net Additions	0	0				
Return on Investment	-14,485	-12,126				

44,796

44,796



Gresham TAP Fund

Attribution Analysis and Bloomberg Commodity Comparison

For the Periods Ending March 31, 2016

		Portfolio W	Portfolio Weights (%)		QTD ROI (%) ROI		DIFF YTD R		OI (%)	ROI	DIFF
		<u>TAP</u>	<u>Bloomberg</u>	<u>TAP</u>	<u>Bloomberg</u>	<u>Abs</u>	Est. Wgtd	<u>TAP</u>	<u>Bloomberg</u>	<u>Abs</u>	Est. Wgtd
Total Gross Return		100.00	100.00	-0.20	0.34		-0.54	-0.20	0.34		-0.54
AGRICULTURE		16.39	22.66	1.75	1.39	0.36	-0.04	1.75	1.39	0.36	-0.04
	Corn	3.74	6.90	-3.39	-3.33	-0.06	0.14	-3.39	-3.33	-0.06	0.14
	Soybean	5.25	5.66	5.10	4.88	0.22	-0.02	5.10	4.88	0.22	-0.02
	Wheat (CBOT)	2.81	3.21	-0.29	-0.19	-0.10	0.02	-0.29	-0.19	-0.10	0.02
	Wheat (KC)	0.70	1.12	-0.54	-0.51	-0.03	0.01	-0.54	-0.51	-0.03	0.01
	Wheat (MGE)	0.22	0.00	6.24	0.00	6.24	0.01	6.24	0.00	6.24	0.01
	Soybean Meal	2.40	2.70	0.98	1.03	-0.05	-0.02	0.98	1.03	-0.05	-0.02
	Soybean Oil	1.27	3.07	10.47	10.44	0.03	-0.19	10.47	10.44	0.03	-0.19
ENERGY		34.60	30.99	-7.78	-9.38	1.60	0.20	-7.78	-9.38	1.60	0.20
	Crude Oil	7.25	7.66	-11.00	-11.58	0.58	-0.21	-11.00	-11.58	0.58	-0.21
	Brent Crude	12.33	8.35	-0.94	-0.45	-0.49	-0.08	-0.94	-0.45	-0.49	-0.08
	Heating Oil	2.65	3.90	0.24	0.54	-0.30	-0.04	0.24	0.54	-0.30	-0.04
	Gas Oil	3.32	0.00	0.93	1.08	-0.15	0.02	0.93	1.08	-0.15	0.02
	Natural Gas	5.52	6.81	-20.35	-21.82	1.47	0.48	-20.35	-21.82	1.47	0.48
	Unleaded Gas (RBOB)	3.53	4.28	-10.74	-11.81	1.07	0.03	-10.74	-11.81	1.07	0.03
INDUSTRIAL METALS		17.95	16.93	1.93	2.22	-0.29	0.02	1.93	2.22	-0.29	0.02
	Aluminum	5.40	4.44	0.14	-0.21	0.35	0.02	0.14	-0.21	0.35	0.02
	Copper (LME)	6.90	0.00	3.08	3.24	-0.16	0.20	3.08	3.24	-0.16	0.20
	Copper (NY)	1.36	7.51	2.13	2.10	0.03	-0.10	2.13	2.10	0.03	-0.10
	Nickel	1.70	2.19	-4.07	-4.19	0.12	0.02	-4.07	-4.19	0.12	0.02
	Zinc	1.77	2.79	12.12	12.32	-0.20	-0.07	12.12	12.32	-0.20	-0.07
	Lead	0.82	0.00	-5.08	-5.40	0.32	-0.05	-5.08	-5.40	0.32	-0.05
LIVESTOCK		11.48	5.63	-0.31	1.08	-1.39	-0.14	-0.31	1.08	-1.39	-0.14
	Live Cattle	7.01	3.05	-2.53	-2.51	-0.02	-0.10	-2.53	-2.51	-0.02	-0.10
	Lean Hogs	2.50	2.58	8.86	7.30	1.56	0.05	8.86	7.30	1.56	0.05
PRECIOUS METALS	Feeder Cattle	1.97 12.44	0.00 16.52	-4.06 14.44	-4.83 15.20	0.77 -0.76	-0.09 -0.61	-4.06 14.44	-4.83 15.20	0.77 -0.76	-0.09 -0.61
PRECIOUS MEIALS	Gold	8.82	12.13	16.49	16.40	0.09	-0.67	16.49	16.40	0.09	-0.67
	Silver	2.43	4.39	11.90	11.87	0.07	-0.47	11.90	11.87	0.07	-0.47
	Platinum	0.68	0.00	9.37	0.00	9.37	0.06	9.37	0.00	9.37	0.06
	Palladium	0.51	0.00	0.21	0.00	0.21	0.00	0.21	0.00	0.21	0.00
FOODS & FIBERS		7.14	7.27	-2.16	-1.05	-1.11	-0.06	-2.16	-1.05	-1.11	-0.06
	Cotton	1.41	1.33	-8.25	-8.46	0.21	0.01	-8.25	-8.46	0.21	0.01
	Sugar	2.33	3.64	2.28	1.28	1.00	0.01	2.28	1.28	1.00	0.01
	White Sugar	0.22	0.00	7.88	0.00	7.88	0.02	7.88	0.00	7.88	0.02
	Coffee	1.89 0.30	2.30 0.00	-0.99 -3.96	-1.18 0.00	0.19	0.01	-0.99	-1.18 0.00	0.19 -3.96	0.01
	Coffee (Robusta) Cocoa	0.30	0.00	-3.96 -8.57	-8.81	-3.96 0.24	-0.01 -0.09	-3.96 -8.57	-8.81	-3.96 0.24	-0.01 -0.09
	COCOU	0.99	0.00	-0.3/	-0.61	0.24	-0.09	-0.3/	-0.01	∪.∠4	-0.09

Data provided by manager.

⁻A composite weighted return is shown for Wheat, Crude Oil, Heating Oil and Copper. Wheat (KC), Brent Crude, Gas Oil, Copper (NY) and Cocoa were added to TAP's portfolio in the middle of January 2008. Wheat (MGE) was added to TAP's portfolio in the middle of January 2010.

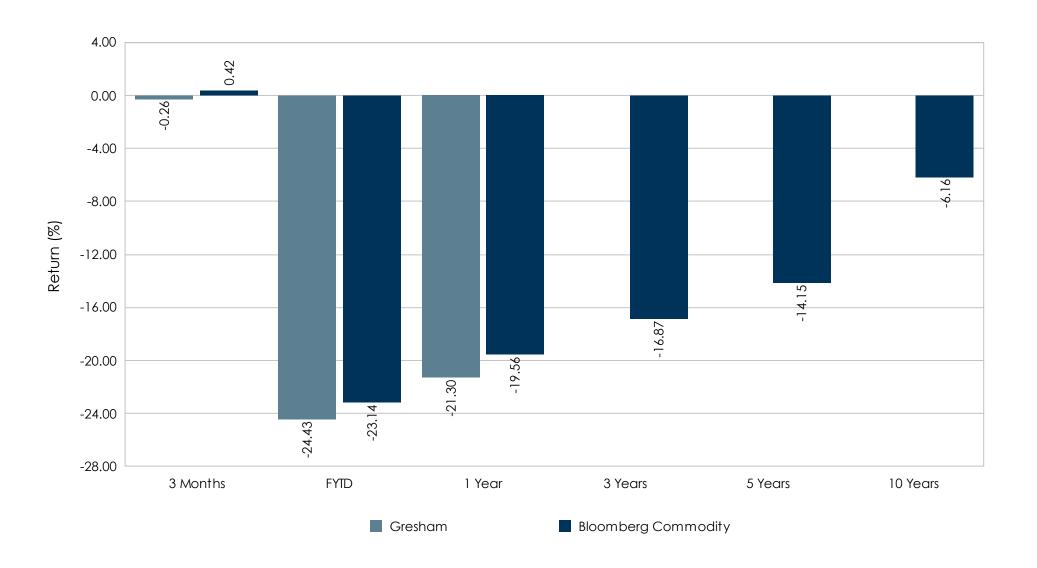
⁻MTD ROI % and YTD ROI% columns show TAP and Bloomberg individual commodity returns.

^{-&#}x27;Abs' is the absolute difference in ROI between TAP and Bloomberg for each commodity. 'Est. Wgtd' is the portfolio effect (TAP's return x TAP's period avg. wgt. - Bloomberg's return x Bloomberg's period avg. wgt.). 'Average Weights' is calculated using month-end weights.

⁻All returns are estimates. Total Gross Return is gross of fees and includes cash returns. All indicated TAP returns are net of commissions and gross of management fees.

Gresham Tap Fund

For the Periods Ending March 31, 2016



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Definitions

Definitions of Statistical Measures

Alpha - the annualized difference between the manager's actual return and the managers's expected return given its relative risk vs. the benchmark (which is represented by beta, a measure that tracks volatility to an index).

Batting Average - a measure used to quantify a manager's ability to meet or beat a benchmark. A manager who outperforms the benchmark 20 out of a possible 40 times has a batting average of 50.

Beta - measures the portfolio's sensitivity of returns to market movements represented by the primary benchmark.

Down Capture - demonstrates the ratio of the portfolio's average returns relative to the benchmark in periods in which the benchmark had a negative return. For instance, a down-capture of 96% indicates that, on average, the portfolio is down 96% when the benchmark is down 100%. Lower portfolio down-capture is preferred.

R Squared - the amount of the manager's return that can be explained by the benchmark. A R Squared of 100 indicates a perfect correlation, while a R Squared of 0 indicates no correlation at all.

Sharpe Ratio - a measure of return per unit of risk. Higher sharpe ratios are preferred while negative ratios are generally meaningless and cannot be used for comparison purposes.

Standard Deviation - a measure of the portfolio's volatility. A large standard deviation relative to the benchmark represents volatile portfolio returns.

Tracking Error - a measure that reports the difference between the return of a manager that is received and that of a benchmark that the manager is attempting to track.

Up Capture - demonstrates the ratio of the portfolio's average returns relative to the benchmark in periods in which the benchmark had a positive return. For instance, an up-capture of 96% indicates that, on average, the portfolio is up 96% when the benchmark is up 100%. Higher portfolio up-capture is preferred.

Quality Rating Scale

Moody's Rating	S&P Rating	Prior to 1Q09	Beginning 1Q09	Beginning 3Q11	Moody's Rating	S&P Rating	Prior to 1Q09	Beginning 1Q09	Beginning 3Q11
TSY	TSY	10	26	24	Ba2	ВВ	6	13	13
AGY	AGY	10	25	24	Ва	ВВ		13	13
Aaa	AAA	10	24	24	MIG4		6	13	13
Aal	AA+	9.3	23	23	Ba3	BB-	5.7	12	12
Aa2	AA		22	22	B1	B+	5.3	11	11
Aa	AA	9	22	22	B2	В	5	10	10
MIG1		9	22	22	В	В		10	10
Aa3	AA-	8.7	21	21	В3	B-	4.7	9	9
A1	A+	8.3	20	20	Caal	CCC+	4.3	8	8
A-1			20	20	Caa2	CCC	4	7	7
A2	Α	8	19	19	Caa	CCC		7	7
Α	Α		19	19	Caa3	CCC-	3.7	6	6
MIG2		8	19	19	Ca	CC	3	5	5
A3	A-		18	18	С	С	2	4	4
Baal	BBB+	7.7	17	17		DDD	1	3	3
Baa2	BBB	7.3	16	16		DD		2	2
Baa	BBB	7	16	16		D		1	1
MIG3			16	16	NR	NR	N/A	-1	-1
Baa3	BBB-	7	15	15	NA	NA	N/A		
Bal	BB+	6.7	14	14	N/A	N/A			

Total Fund Policy

10/31/1990	The index consists of 55.0% Russell 3000, 35.0% Barclays US Aggregate, 10.0% MSCI EAFE.
06/30/2007	The index consists of 55.0% Russell 3000, 35.0% Barclays Universal, 10.0% MSCI EAFE.
11/30/2007	The index consists of 55.0% Russell 3000, 10.0% MSCI EAFE, 30.0% Barclays Universal, 5.0% NFI ODCE Net.
08/31/2012	The index consists of 65.0% MSCI ACWI, 30.0% Barclays Universal, 5.0% NFI ODCE Net.
08/31/2014	The index consists of 60.0% MSCI ACWI, 30.0% Barclays Universal, 5.0% NFI ODCE Net, 5.0% Bloomberg Commodity.