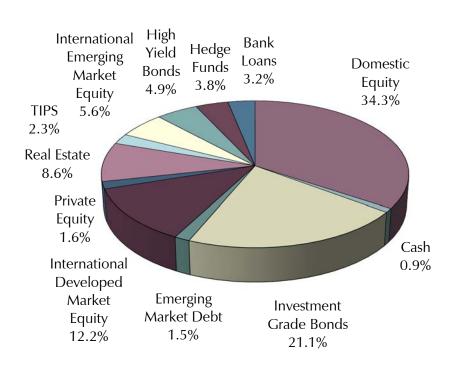
Aggregate Assets as of 3/31/16

Retirement System Summary As of March 31, 2016



### Aggregate Assets as of 3/31/16







# Aggregate Assets Asset Summary as of 3/31/16

	Market Value 3/31/16 (\$ mm)	% of Retirement System	Target Allocation (%)	Target Range (%)	Market Value 12/31/15 (\$ mm)
Total Retirement System	454.5	100	NA	NA	453.6
Domestic Equity Assets	156.0	34	31	25-37	153.1
International Developed Market Equity Assets	55.3	12	12	9-15	57.2
International Emerging Market Equity Assets	25.4	6	6	0-9	23.9
Private Equity Assets	7.2	2	3	0-5	6.0
Investment Grade Bond Assets	96.1	21	19	15-24	108.6
TIPS Assets	10.3	2	8	0-10	9.9
High Yield Bond Assets <sup>1</sup>	22.5	5	3	1-5	19.7
Bank Loan Assets	14.4	3	2	0-4	14.1
Emerging Market Debt Assets	6.7	1	2	0-4	6.1
Real Estate Assets	39.2	9	9	2-12	33.8
Natural Resources Assets	0.0	0	3	0-5	0.0
Hedge Fund Assets	17.5	4	2	1-5	17.5
Cash	4.0	1	0	< 5	3.8

<sup>&</sup>lt;sup>1</sup> Includes preliminary Summit Partners Credit Fund II.



## Aggregate Assets Portfolio Roster as of 3/31/16

	Market Value 3/31/16 (\$ mm)	% of Asset Class	% of Retirement System	Target Allocation (%)	Target Range (%)	Market Value 12/31/15 (\$ mm)
<b>Total Retirement System</b>	454.5	NA	100	NA	NA	453.6
Domestic Equity Assets	156.0	100	34	31	25-37	153.1
Northern Trust Russell 1000 Index	111.1	71	24			109.8
Loomis Sayles Small Cap Value Equity	25.6	16	6			24.8
Northern Trust S&P 400 MidCap Index	19.2	12	4			18.5
International Developed Market Equity Assets	55.3	100	12	12	9-15	57.2
Northern Trust MSCI EAFE Index	29.4	53	6			30.3
Fisher Institutional Foreign Equity	25.9	47	6			26.9
International Emerging Market Equity Assets	25.4	100	6	6	0-9	23.9
Dimensional Emerging Markets Value	15.9	63	4			14.6
Vontobel Emerging Markets Equity	9.4	37	2			9.2
Private Equity Assets <sup>1</sup>	7.2	100	2	3	0-5	6.0
Ironsides Co-Investment Fund III, L.P.	6.5	90	1			5.2
Ironsides Partnership Fund III, L.P.	0.7	10	< 1			0.7

<sup>&</sup>lt;sup>1</sup> The December 31, 2015 market values are not yet available. Market value is as of September 30, 2015, adjusted for subsequent cash flows.



### Aggregate Assets Portfolio Roster as of 3/31/16

	Market Value 3/31/16 (\$ mm)	% of Asset Class	% of Retirement System	Target Allocation (%)	Target Range (%)	Market Value 12/31/15 (\$ mm)
Investment Grade Bond Assets	96.1	100	21	19	15-24	108.6
Northern Trust Barclays Aggregate Index	61.1	64	13			66.2
<b>Short Duration Bonds</b>	35.0	36	8			42.4
Northern Trust 1-5 Year Credit Bond	35.0	36	8			38.1
TIPS Assets	10.3	100	2	8	0-10	9.9
IR&M 1-10 Year Index	10.3	100	2			9.9
High Yield Bond Assets	22.5	100	5	3	1-5	19.7
SKY Harbor Broad High Yield Market	17.4	77	4			17.1
Summit Partners Credit Fund II <sup>1</sup>	5.1	23	1			2.6
Bank Loan Assets	14.4	100	3	2	0-4	14.1
Beach Point Leveraged Loan	14.4	100	3			14.1
<b>Emerging Market Debt Assets</b>	6.7	100	1	2	0-4	6.1
Stone Harbor Emerging Markets Local Currency Debt	6.7	100	1			6.1

<sup>&</sup>lt;sup>1</sup> Market value as of December 31, 2015, adjusted for subsequent cash flows.



## Aggregate Assets Portfolio Roster as of 3/31/16

	Market Value 3/31/16 (\$ mm)	% of Asset Class	% of Retirement System	Target Allocation (%)	Target Range (%)	Market Value 12/31/15 (\$ mm)
Real Estate	39.2	100	9	9	2-12	33.8
A.E.W Core Property Trust <sup>1</sup>	23.0	59	5			22.6
DRA Growth and Income Fund VIII <sup>2</sup>	8.7	22	2			3.6
Intercontinental Real Estate Investment Fund III <sup>3</sup>	4.0	10	1			4.0
INVESCO Mortgage Recovery Loans <sup>3</sup>	3.5	9	1			3.6
INVESCO Mortgage Recovery Feeder <sup>3</sup>	< 0.1	< 1	< 1			< 0.1
Hedge Fund Assets	17.5	100	4	2	1-5	17.5
36 South Kohinoor Series Three	8.6	49	2			8.8
Tse Capital Offshore Fund, Ltd. <sup>4</sup>	6.3	36	1			6.1
Och-Ziff Credit Opportunities	2.7	15	1			2.6
Cash	4.0	100	1	0	< 5	3.8
Northern Trust Cash Account	4.0	100	1			3.8

<sup>&</sup>lt;sup>4</sup> Market value is preliminary.



<sup>&</sup>lt;sup>1</sup> Preliminary market value as of March 31, 2016.

<sup>&</sup>lt;sup>2</sup> Market value as of December 31, 2015, adjusted for subsequent cash flows.

<sup>&</sup>lt;sup>3</sup> The December 31, 2015 market values are not yet available. Market value is as of September 30, 2015, adjusted for subsequent cash flows.

	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Total Retirement System  Net of Fees	1.7	-0.8	-0.9	5.7	5.9	5.0 NA	10/1/90	8.3 NA
	1.6	-1.0	-1.1	5.4	5.7	INA		INA
Policy Benchmark <sup>2</sup>	1.9	-1.2	-1.1	4.9	5.8	4.9		8.4
Actual Allocation Benchmark	1.4	-1.0	-0.9	5.6	5.8	NA		NA
60% MSCI ACWI/ 40% Barclays Aggregate	1.5	-1.1	-1.6	4.5	4.9	4.8		NA
Domestic Equity	1.8	-0.6	-0.7	10.9	10.7	6.9	10/1/90	10.0
Russell 3000	1.0	-0.5	-0.3	11.1	11.0	6.9		10.3
International Developed Market Equity	-3.2	-9.0	-9.0	1.5	1.1	3.4	10/1/95	7.9
MSCI EAFE	-3.0	-8.8	-8.3	2.2	2.3	1.8		4.4
International Emerging Market Equity	6.4	-10.7	-10.1	-5.0	NA	NA	2/1/12	-1.7
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-4.1	3.0		-2.2
Investment Grade Bonds <sup>3</sup>	2.5	3.0	1.9	2.6	3.7	5.4	10/1/90	6.3
Barclays Aggregate	3.0	3.7	2.0	2.5	3.8	4.9		6.4
TIPS	3.6	2.0	1.9	NA	NA	NA	11/1/13	0.9
Barclays U.S. TIPS	4.5	2.6	1.5	-0.7	3.0	4.6		1.6
Barclays U.S. TIPS 1-10 Year	3.6	2.0	1.8	-0.7	1.9	4.0		0.9

<sup>&</sup>lt;sup>3</sup> Prior to July 2011, Investment Grade Bonds included an allocation to High Yield.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>&</sup>lt;sup>2</sup> As of 3Q 2011, the Policy Benchmark comprises 31% Russell 3000, 12% MSCI EAFE, 6% MSCI EM, 3% Russell 3000 + 3% (1 qtr lagged), 19% Barclays Aggregate, 8% Barclays U.S. TIPS, 3% Barclays High Yield, 2% CSFB Leveraged Loan, 2% JPM GBI-EM Global Diversified, 9% NCREIF ODCE (equal weighted), 3% DJ-UBS Commodity, and 2% HFRI Fund Weighted Composite.

1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
1.7 1.6	-0.8 -1.0	-0.9 -1.1	5.7 5.4	5.9 5.7	5.0 NA	10/1/90	8.3 NA
2.8	-2.8	-2.2	2.0	4.4	NA	7/1/09	8.7
3.4	-3.7	-3.7	1.8	4.9	7.0		9.5
2.0	2.0	2.7	4.0	NA	NA	4/1/12	5.6
1.3	-1.9	-1.1	2.2	3.5	4.0		3.7
10.5	-2.7	-3.3	-9.0	NA	NA	6/1/12	-4.3
11.0	-0.7	-1.6	-6.7	-2.0	5.0		-1.8
1.2	9.3	12.0	15.3	14.8	5.1	7/1/03	8.2
2.2	NA	13.7	13.6	13.3	6.4		8.8
0.0	-5.1	-5.6	1.3	1.2	NA	7/1/09	3.4
-0.8	-4.3	-4.1	2.1	1.8	3.4		4.4
0.2	-4.7	-4.3	5.5	5.2	4.1		9.7
	(%)  1.7  1.6  2.8  3.4  2.0  1.3  10.5  11.0  1.2  2.2  0.0  -0.8	1Q16 (%) (%) 1.7 -0.8 1.6 -1.0 2.8 -2.8 3.4 -3.7 2.0 2.0 1.3 -1.9 10.5 -2.7 11.0 -0.7 1.2 9.3 2.2 NA 0.0 -5.1 -0.8 -4.3	1Q16 (%)       YTD (%)       1 YR (%)         1.7       -0.8       -0.9         1.6       -1.0       -1.1         2.8       -2.8       -2.2         3.4       -3.7       -3.7         2.0       2.0       2.7         1.3       -1.9       -1.1         10.5       -2.7       -3.3         11.0       -0.7       -1.6         1.2       9.3       12.0         2.2       NA       13.7         0.0       -5.1       -5.6         -0.8       -4.3       -4.1	1Q16         YTD         1 YR         3 YR           (%)         (%)         (%)         (%)           1.7         -0.8         -0.9         5.7           1.6         -1.0         -1.1         5.4           2.8         -2.8         -2.2         2.0           3.4         -3.7         -3.7         1.8           2.0         2.0         2.7         4.0           1.3         -1.9         -1.1         2.2           10.5         -2.7         -3.3         -9.0           11.0         -0.7         -1.6         -6.7           1.2         9.3         12.0         15.3           2.2         NA         13.7         13.6           0.0         -5.1         -5.6         1.3           -0.8         -4.3         -4.1         2.1	1Q16         YTD         1 YR         3 YR         5 YR           (%)         (%)         (%)         (%)         (%)           1.7         -0.8         -0.9         5.7         5.9           1.6         -1.0         -1.1         5.4         5.7           2.8         -2.8         -2.2         2.0         4.4           3.4         -3.7         -3.7         1.8         4.9           2.0         2.0         2.7         4.0         NA           1.3         -1.9         -1.1         2.2         3.5           10.5         -2.7         -3.3         -9.0         NA           11.0         -0.7         -1.6         -6.7         -2.0           1.2         9.3         12.0         15.3         14.8           2.2         NA         13.7         13.6         13.3           0.0         -5.1         -5.6         1.3         1.2           -0.8         -4.3         -4.1         2.1         1.8	1Q16         YTD         1 YR         3 YR         5 YR         10 YR           (%)         (%)         (%)         (%)         (%)         (%)           1.7         -0.8         -0.9         5.7         5.9         5.0           1.6         -1.0         -1.1         5.4         5.7         NA           2.8         -2.8         -2.2         2.0         4.4         NA           3.4         -3.7         -3.7         1.8         4.9         7.0           2.0         2.0         2.7         4.0         NA         NA           1.3         -1.9         -1.1         2.2         3.5         4.0           10.5         -2.7         -3.3         -9.0         NA         NA           11.0         -0.7         -1.6         -6.7         -2.0         5.0           1.2         9.3         12.0         15.3         14.8         5.1           2.2         NA         13.7         13.6         13.3         6.4           0.0         -5.1         -5.6         1.3         1.2         NA           -0.8         -4.3         -4.1         2.1         1.8         3.4 </td <td>1Q16 (%)         YTD (%)         1 YR (%)         3 YR (%)         5 YR (%)         10 YR (%)         Inception Date           1.7         -0.8         -0.9         5.7         5.9         5.0         10/1/90           1.6         -1.0         -1.1         5.4         5.7         NA         7/1/09           2.8         -2.8         -2.2         2.0         4.4         NA         7/1/09           3.4         -3.7         -3.7         1.8         4.9         7.0         7.0           2.0         2.0         2.7         4.0         NA         NA         4/1/12           1.3         -1.9         -1.1         2.2         3.5         4.0         4/1/12           10.5         -2.7         -3.3         -9.0         NA         NA         6/1/12           11.0         -0.7         -1.6         -6.7         -2.0         5.0           1.2         9.3         12.0         15.3         14.8         5.1         7/1/03           2.2         NA         13.7         13.6         13.3         6.4           0.0         -5.1         -5.6         1.3         1.2         NA         7/1/09</td>	1Q16 (%)         YTD (%)         1 YR (%)         3 YR (%)         5 YR (%)         10 YR (%)         Inception Date           1.7         -0.8         -0.9         5.7         5.9         5.0         10/1/90           1.6         -1.0         -1.1         5.4         5.7         NA         7/1/09           2.8         -2.8         -2.2         2.0         4.4         NA         7/1/09           3.4         -3.7         -3.7         1.8         4.9         7.0         7.0           2.0         2.0         2.7         4.0         NA         NA         4/1/12           1.3         -1.9         -1.1         2.2         3.5         4.0         4/1/12           10.5         -2.7         -3.3         -9.0         NA         NA         6/1/12           11.0         -0.7         -1.6         -6.7         -2.0         5.0           1.2         9.3         12.0         15.3         14.8         5.1         7/1/03           2.2         NA         13.7         13.6         13.3         6.4           0.0         -5.1         -5.6         1.3         1.2         NA         7/1/09

<sup>&</sup>lt;sup>2</sup> Includes preliminary Summit Partners Credit Fund II.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Domestic Equity	1.8	-0.6	-0.7	10.9	10.7	6.9	10/1/90	10.0
Northern Trust Russell 1000 Index	1.2	0.4	0.5	11.5	11.4	NA	7/1/06	7.5
Net of Fees	1.2	0.4	0.5	11.5	11.3	NA		7.5
Russell 1000	1.2	0.4	0.5	11.5	11.4	7.1		7.4
Loomis Sayles Small Cap Value Equity	3.3	-3.4	-3.8	9.3	9.5	7.6	4/1/97	11.1
Net of Fees	3.2	-3.9	<b>-4.</b> 5	8.6	8.7	6.9		NA
Russell 2000 Value	1.7	-6.6	-7.7	5.7	6.7	4.4		8.8
Northern Trust S&P 400 MidCap Index	3.8	-2.5	-3.6	9.5	9.5	NA	6/1/07	7.0
Net of Fees	3.8	-2.5	-3.6	9.4	9.5	NA		NA
S&P MidCap	3.8	-2.6	-3.6	9.5	9.5	7.8		6.9
International Developed Market Equity	-3.2	-9.0	-9.0	1.5	1.1	3.4	10/1/95	7.9
Northern Trust MSCI EAFE Index	-2.9	-8.7	-8.0	NA	NA	NA	12/1/14	-5.1
Net of Fees	-3.0	-8.8	-8.1	NA	NA	NA		-5.2
MSCI EAFE	-3.0	-8.8	-8.3	2.2	2.3	1.8		-5.4
Fisher Institutional Foreign Equity	-3.5	<b>-</b> 9.3	-10.1	2.4	2.3	NA	2/1/07	2.3
Net of Fees	-3.7	<b>-</b> 9.9	-10.9	1.5	1.4	NA		NA
MSCI EAFE	-3.0	-8.8	-8.3	2.2	2.3	1.8		0.3

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
International Emerging Market Equity	6.4	-10.7	-10.1	-5.0	NA	NA	2/1/12	-1.7
Dimensional Emerging Markets Value <sup>2</sup>	8.9	-12.9	-11.4	-6.4	NA	NA	2/1/12	-3.8
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-4.1	3.0		-2.2
Vontobel Emerging Markets Equity	2.5	-6.3	-7.1	-2.0	NA	NA	2/1/12	2.3
Net of Fees	2.2	-7.1	-8.2	-3.1	NA	NA		1.2
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-4.1	3.0		-2.2
Investment Grade Bonds <sup>3</sup>	2.5	3.0	1.9	2.6	3.7	5.4	10/1/90	6.3
Northern Trust Barclays Aggregate Index	3.0	3.7	2.0	2.5	3.8	4.8	7/1/98	5.2
Net of Fees	3.0	3.7	1.9	2.4	3.7	4.8		NA
Barclays Aggregate	3.0	3.7	2.0	2.5	3.8	4.9		5.2
<b>Short Duration Bonds</b>	1.6	1.8	1.8	1.6	NA	NA	2/1/13	1.7
Northern Trust 1-5 Year Credit Bond	1.7	1.9	1.9	1.8	NA	NA	2/1/13	1.9
Net of Fees	1.7	1.9	1.8	1.7	NA	NA		1.8
Barclays 1-5 Year Credit	1.7	1.8	1.6	1.8	2.7	4.2		1.9
TIPS	3.6	2.0	1.9	NA	NA	NA	11/1/13	0.9
IR&M 1-10 Year Index	3.6	2.0	1.9	NA	NA	NA	11/1/13	0.9
Net of Fees	3.6	1.9	1.8	NA	NA	NA		0.8
Barclays U.S. TIPS 1-10 Year	3.6	2.0	1.8	-0.7	1.9	4.0		0.9

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>&</sup>lt;sup>3</sup> Prior to July 2011, Investment Grade Bonds included an allocation to High Yield.



<sup>&</sup>lt;sup>2</sup> Returns shown are net of fees.

	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
High Yield Bonds <sup>2</sup>	2.8	-2.8	-2.2	2.0	4.4	NA	7/1/09	8.7
SKY Harbor Broad High Yield Market	2.1	-3.8	-3.2	1.8	NA	NA	9/1/12	3.3
Net of Fees	2.0	<b>-</b> 4.2	-3.7	1.2	NA	NA		2.7
Barclays High Yield	3.4	-3.7	-3.7	1.8	4.9	7.0		3.7
Bank Loans	2.0	2.0	2.7	4.0	NA	NA	4/1/12	5.6
Beach Point Leveraged Loan	2.0	2.0	2.7	4.0	NA	NA	4/1/12	5.6
Net of Fees	1.9	1.5	2.0	3.3	NA	NA		5.0
CSFB Leveraged Loan	1.3	-1.9	-1.1	2.2	3.5	4.0		3.7
Emerging Market Debt	10.5	-2.7	-3.3	-9.0	NA	NA	6/1/12	-4.3
Stone Harbor Emerging Markets Local Currency Debt <sup>3</sup>	10.5	-2.7	<b>-</b> 3.3	-9.0	NA	NA	6/1/12	-4.3
JPM GBI-EM Global Diversified (unhedged)	11.0	-0.7	-1.6	-6.7	-2.0	5.0		-1.8
Real Estate	1.2	9.3	12.0	15.3	14.8	5.1	7/1/03	8.2
A.E.W Core Property Trust <sup>4</sup>	1.9	8.0	12.3	NA	NA	NA	7/1/13	11.4
NCREIF ODCE preliminary	2.2	NA	13.7	13.6	13.3	6.4		8.8

<sup>&</sup>lt;sup>4</sup> Performance is shown net of fees.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>&</sup>lt;sup>2</sup> Includes preliminary Summit Partners Credit Fund II.

<sup>&</sup>lt;sup>3</sup> Returns shown are net of fees.

	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Hedge Funds <sup>2</sup>	0.0	-5.1	-5.6	1.3	1.2	NA	7/1/09	3.4
36 South Kohinoor Series Three  HFRI Macro Index	-2.3 1.2	-5.6 0.3	-7.7 -3.3	NA 1.2	NA 0.2	NA 3.3	2/1/15	-7.2 -2.2
Tse Capital Offshore Fund, Ltd. <sup>3</sup> HFRI Macro Index	2.3 1.2	-4.5 0.3	-2.5 -3.3	NA 1.2	NA 0.2	NA 3.3	2/1/15	2.2 -2.2
Och-Ziff Credit Opportunities  Barclays High Yield	2.1 3.4	-3.9 -3.7	NA -3.7	NA 1.8	NA 4.9	NA 7.0	6/1/15	-5.0 -5.1

<sup>&</sup>lt;sup>3</sup> Performance is preliminary.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>&</sup>lt;sup>2</sup> Hedge Fund manager returns are shown as net of fees.

	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
Total Retirement System Net of Fees	0.1 -0.1	6.4 6.1	15.0 14.7	11.6 11.4	0.6 0.3	15.1 14.8	18.8 18.5	-26.3 -26.4	6.4 NA	14.6 NA
Policy Benchmark <sup>1</sup>	-0.8	5.5	12.9	12.9	1.9	15.6	19.7	-26.0	5.0	15.1
Actual Allocation Benchmark	-0.3	6.1	15.4	12.0	NA	NA	NA	NA	NA	NA
60% MSCI ACWI/ 40% Barclays Aggregate	-1.0	5.0	12.3	11.5	-1.1	10.8	23.0	-25.8	9.9	14.1
Domestic Equity	0.2	11.7	33.5	16.8	0.5	21.7	32.5	-38.1	3.9	14.4
Northern Trust Russell 1000 Index	0.9	13.2	33.1	16.4	1.6	16.3	28.9	-37.5	5.9	NA
Net of Fees	0.9	13.2	33.1	16.4	1.5	16.3	28.9	-37.6	5.8	NA
Russell 1000	0.9	13.2	33.1	16.4	1.5	16.1	28.4	-37.6	5.8	15.5
Loomis Sayles Small Cap Value Equity	-2.4	6.4	36.1	17.0	-0.1	25.1	29.5	-31.2	3.2	20.8
Net of Fees	-3.0	5.6	35.1	16.2	-0.8	24.3	28.5	-31.5	2.6	20.2
Russell 2000 Value	-7.5	4.2	34.5	18.1	-5.5	24.5	20.6	-28.9	-9.8	23.5
Northern Trust S&P 400 MidCap Index	-2.2	9.8	33.5	17.9	-1.7	26.7	38.0	-36.3	NA	NA
Net of Fees	-2.2	9.7	33.5	17.9	-1.7	26.7	38.0	-36.3	NA	NA
S&P MidCap	-2.2	9.8	33.5	17.9	-1.7	26.6	37.4	-36.2	8.0	10.3

<sup>&</sup>lt;sup>1</sup> As of 3Q 2011, the Policy Benchmark comprises 31% Russell 3000, 12% MSCI EAFE, 6% MSCI EM, 3% Russell 3000 + 3% (1 qtr lagged), 19% Barclays Aggregate, 8% Barclays U.S. TIPS, 3% Barclays High Yield, 2% CSFB Leveraged Loan, 2% JPM GBI-EM Global Diversified, 9% NCREIF ODCE (equal weighted), 3% DJ-UBS Commodity, and 2% HFRI Fund Weighted Composite.



	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
International Developed Market Equity	-0.6	-5.7	19.5	16.4	-12.4	15.5	37.6	-43.4	21.7	23.6
Northern Trust MSCI EAFE Index	-0.5	NA	NA	NA						
Net of Fees	-0.6	NA	NA	NA						
MSCI EAFE	-0.8	-4.9	22.8	17.3	-12.1	7.7	31.8	-43.4	11.2	26.3
Fisher Institutional Foreign Equity	-0.7	-4.8	23.6	17.0	-10.8	17.0	42.2	<b>-</b> 45.0	NA	NA
Net of Fees	-1.6	-5.7	22.5	15.9	-11.7	16.0	41.3	-45.5	NA	NA
MSCI EAFE	-0.8	-4.9	22.8	17.3	-12.1	7.7	31.8	-43.4	11.2	26.3
International Emerging Market Equity	-15.1	-0.3	-4.6	NA	NA	NA	NA	NA	NA	NA
Dimensional Emerging Markets Value <sup>1</sup>	-18.8	-4.4	-3.8	NA	NA	NA	NA	NA	NA	NA
MSCI Emerging Markets	-14.9	-2.2	-2.6	18.2	-18.4	18.9	78.5	-53.3	39.4	32.2
Vontobel Emerging Markets Equity	-7.8	6.6	-4.4	NA	NA	NA	NA	NA	NA	NA
Net of Fees	-8.8	5.5	-5.6	NA	NA	NA	NA	NA	NA	NA
MSCI Emerging Markets	-14.9	-2.2	-2.6	18.2	-18.4	18.9	78.5	-53.3	39.4	32.2
Investment Grade Bonds <sup>2</sup>	0.8	5.5	-1.0	6.1	6.1	7.8	11.2	4.2	6.4	4.8
Northern Trust Barclays Aggregate Index	0.6	6.1	-2.3	4.3	7.8	6.6	6.6	3.7	7.4	4.2
Net of Fees	0.5	6.0	-2.3	4.2	7.8	6.6	6.6	3.7	7.3	4.2
Barclays Aggregate	0.5	6.0	-2.0	4.2	7.8	6.5	5.9	5.2	7.0	4.3

<sup>&</sup>lt;sup>2</sup> Prior to July 2011, Investment Grade Bonds included an allocation to High Yield.



<sup>&</sup>lt;sup>1</sup> Returns shown are net of fees.

	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
Investment Grade Bonds (continued) <sup>1</sup>	0.8	5.5	-1.0	6.1	6.1	7.8	11.2	4.2	6.4	4.8
<b>Short Duration Bonds</b>	1.2	1.6	NA							
Northern Trust 1-5 Year Credit Bond	1.3	1.8	NA							
Net of Fees	1.2	1.8	NA							
Barclays 1-5 Year Credit	1.1	1.9	1.2	5.5	3.0	5.4	13.5	-1.1	6.1	4.7
TIPS	-0.4	0.9	NA							
IR&M 1-10 Year Index	-0.4	0.9	NA							
Net of Fees	-0.5	0.8	NA							
Barclays U.S. TIPS 1-10 Year	-0.5	0.9	-5.6	5.0	8.9	5.2	12.0	-2.4	11.4	1.6
High Yield Bonds	-3.3	1.4	9.3	13.5	3.1	15.0	NA	NA	NA	NA
SKY Harbor Broad High Yield Market	-3.4	1.4	9.3	NA						
Net of Fees	-3.9	0.8	8.7	NA						
Barclays High Yield	-4.5	2.5	7.4	15.8	5.0	15.1	58.2	-26.2	1.9	11.8
Bank Loans	2.7	2.7	7.1	NA						
Beach Point Leveraged Loan	2.7	2.7	7.1	NA						
Net of Fees	2.1	2.0	6.4	NA						
CSFB Leveraged Loan	-0.4	2.0	6.2	9.4	1.8	10.0	44.9	-28.8	1.9	7.2

<sup>&</sup>lt;sup>1</sup> Prior to July 2011, Investment Grade Bonds included an allocation to High Yield.



	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
Emerging Market Debt	-15.2	-8.5	-12.6	NA						
Stone Harbor Emerging Markets Local Currency Debt <sup>1</sup>	-15.2	-8.5	-12.6	NA						
JPM GBI-EM Global Diversified (unhedged)	-14.9	-5.7	-9.0	16.8	-1.8	15.7	22.0	-5.2	18.1	15.2
Real Estate	19.0	22.0	11.5	16.7	7.7	13.6	-33.3	-10.4	3.1	23.4
A.E.W Core Property Trust <sup>2</sup>	12.4	10.4	NA							
NCREIF ODCE	15.0	12.5	14.0	10.9	16.0	16.4	-29.8	-10.0	16.0	16.3
Hedge Funds <sup>3</sup>	-5.1	5.0	7.4	1.6	-2.1	5.8	NA	NA	NA	NA
36 South Kohinoor Series Three	NA									
HFRI Macro Index	-1.3	5.6	-0.4	-0.1	-4.1	8.1	4.3	4.8	11.1	8.2
Tse Capital Offshore Fund, Ltd.	NA									
HFRI Macro Index	-1.3	5.6	-0.4	-0.1	-4.1	8.1	4.3	4.8	11.1	8.2
Och-Ziff Credit Opportunities	NA									
Barclays High Yield	-4.5	2.5	7.4	15.8	5.0	15.1	58.2	-26.2	1.9	11.8

<sup>&</sup>lt;sup>3</sup> Hedge Fund manager returns shown are net of fees.



<sup>&</sup>lt;sup>1</sup> Returns shown are net of fees.

<sup>&</sup>lt;sup>2</sup> Performance is shown net of fees.

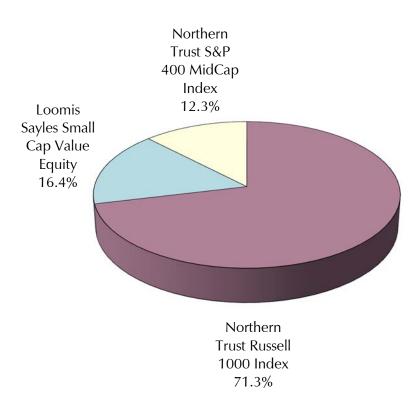
### Domestic Equity Assets as of 3/31/16

Domestic Equity Assets As of March 31, 2016



### Domestic Equity Assets as of 3/31/16







#### Domestic Equity Assets Risk as of 3/31/16

Risk: (sixty months)	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16
Annualized Return (%)	10.7	11.0
Standard Deviation (%)	14.7	14.1
Best Monthly Return (%)	12.6	11.5
Worst Monthly Return (%)	-8.9	-7.8
Beta	1.04	1.00
Correlation to Index	1.00	1.00
Correlation to Total Fund Return	0.98	NA
Sharpe Measure (risk-adjusted return)	0.73	0.78
Information Ratio	Neg.	NA



#### Domestic Equity Assets Style as of 3/31/16





#### Domestic Equity Assets Characteristics as of 3/31/16

Capitalization Structure:	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16	Aggregate Domestic Equity 12/31/15
Weighted Average Market Cap. (US\$ billion)	84.2	107.4	83.3
Median Market Cap. (US\$ billion)	5.5	1.4	5.7
Large (% over US\$20 billion)	54	69	54
Medium (% US\$3 billion to US\$20 billion)	31	23	32
Small (% under US\$3 billion)	15	7	15
Fundamental Structure:			
Price-Earnings Ratio	21	21	21
Price-Book Value Ratio	2.6	2.3	2.6
Dividend Yield (%)	2.0	2.1	2.0
Historical Earnings Growth Rate (%)	11	10	11
Projected Earnings Growth Rate (%)	10	10	10



## Domestic Equity Assets Diversification as of 3/31/16

Diversification:	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16	Aggregate Domestic Equity 12/31/15
Number of Holdings	1,266	2,973	1,267
% in 5 largest holdings	7	9	7
% in 10 largest holdings	11	15	12

Largest Five Holdings:	% of Portfolio	<b>Economic Sector</b>
Apple	2.2	Technology Equipment
Microsoft	1.6	Software & Services
ExxonMobil	1.2	Energy
Johnson & Johnson	1.1	Pharmaceuticals & Biotech.
General Electric	1.0	Capital Goods



#### Domestic Equity Assets Sector Allocation as of 3/31/16

Sector Allocation (%):	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16	Aggregate Domestic Equity 12/31/15
Financials	20	17	22
Industrials	13	11	12
Consumer Discretionary	14	14	14
Materials	4	3	3
Utilities	4	3	3
Telecommunication Services	2	2	2
Energy	5	6	5
Information Technology	19	20	19
Consumer Staples	8	9	8
Health Care	12	14	12



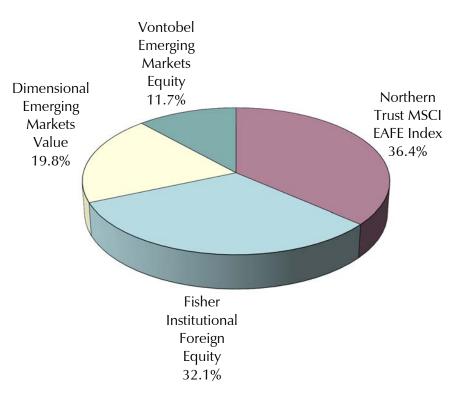
### International Equity Assets as of 3/31/16

International Equity Assets As of March 31, 2016



### International Equity Assets as of 3/31/16







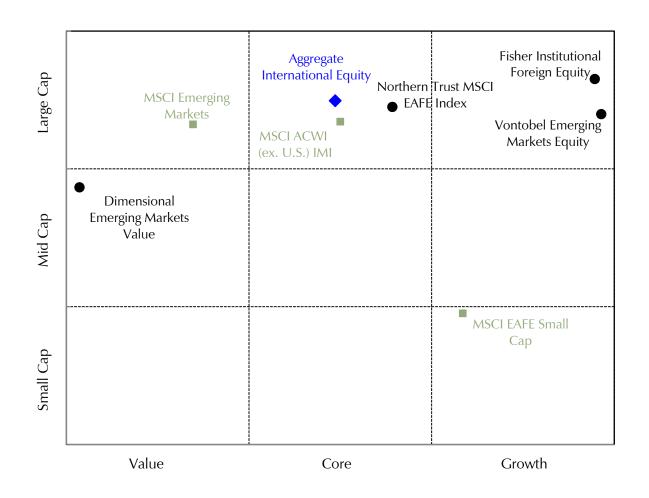
#### International Equity Assets Risk as of 3/31/16

Risk: (sixty months)	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16
Annualized Return (%)	-0.2	0.6
Standard Deviation (%)	16.6	16.0
Best Monthly Return (%)	13.1	10.3
Worst Monthly Return (%)	-12.2	-11.3
Beta	1.03	1.00
Correlation to Index	0.99	1.00
Correlation to Total Fund Return	0.95	NA
Sharpe Measure (risk-adjusted return) <sup>1</sup>	Neg.	0.03
Information Ratio	Neg.	NA

<sup>&</sup>lt;sup>1</sup> A negative Sharpe ratio indicates that the portfolio underperformed the risk-free rate during the sample period.



## International Equity Assets Style as of 3/31/16





## **International Equity Assets Characteristics as of 3/31/16**

Capitalization Structure:	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16	Aggregate International Equity 12/31/15
Weighted Average Market Cap. (US\$ billion)	55.6	40.6	55.6
Median Market Cap. (US\$ billion)	1.0	1.2	1.0
Large (% over US\$20 billion)	71	50	65
Medium (% US\$3 billion to US\$20 billion)	25	36	28
Small (% under US\$3 billion)	4	13	7
Fundamental Structure:			
Price-Earnings Ratio	17	16	17
Price-Book Value Ratio	2.3	1.4	2.3
Dividend Yield (%)	3.1	3.2	2.9
Historical Earnings Growth Rate (%)	8	8	10
Projected Earnings Growth Rate (%)	2	8	10



## **International Equity Assets Diversification as of 3/31/16**

Diversification:	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16	Aggregate International Equity 12/31/15
Number of Holdings	3,210	6,095	3,230
% in 5 largest holdings	8	4	8
% in 10 largest holdings	14	7	13

Largest Five Holdings:	% of Portfolio	<b>Economic Sector</b>
Novo Nordisk	1.8	Pharmaceuticals & Biotech.
Bayer	1.5	Pharmaceuticals & Biotech.
Roche	1.5	Pharmaceuticals & Biotech.
Novartis	1.4	Pharmaceuticals & Biotech.
HDFC Bank	1.4	Banks



## **International Equity Assets Sector Allocation as of 3/31/16**

Sector Allocation (%):	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16	Aggregate International Equity 12/31/15
Health Care	13	9	11
Information Technology	11	9	11
Consumer Staples	13	11	12
Consumer Discretionary	14	13	14
Industrials	12	13	11
Utilities	2	3	2
Materials	6	7	6
Energy	4	6	4
Telecommunication Services	2	5	2
Financials	23	25	25



# International Equity Assets Country & Region Breakdown as of 3/31/16

	Aggregate International Equity 3/31/16 (%)	MSCI ACWI (ex. U.S.) IMI 3/31/16 (%)
North America	1.8	6.9
Canada	1.1	6.5
Europe	55.4	45.6
Germany	9.6	6.3
United Kingdom	14.2	12.2
Switzerland	8.2	6.3
France	8.0	6.3
Netherlands	4.3	3.3
Denmark	2.2	1.4
Ireland	1.4	0.8
Belgium	1.5	1.1
Italy	1.8	1.7
Spain	1.7	2.2
Sweden	1.6	2.3

	Aggregate International Equity 3/31/16 (%)	MSCI ACWI (ex. U.S.) IMI 3/31/16 (%)
Asia Pacific	20.9	27.5
Singapore	1.0	1.0
Hong Kong	4.2	4.4
Australia	4.0	4.9
Japan	11.6	16.8
Emerging	21.6	19.4
India	7.7	1.8
Mexico	1.2	1.0
Taiwan	2.9	2.9
Brazil	1.3	1.3
South Africa	1.3	1.5
South Korea	2.7	3.5
China	1.2	2.8
Other	0.3	0.6



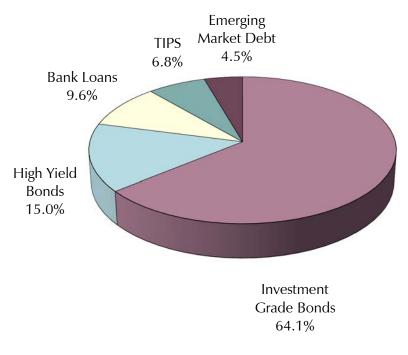
### Fixed Income Assets as of 3/31/16

Fixed Income Assets As of March 31, 2016



### Fixed Income Assets as of 3/31/16







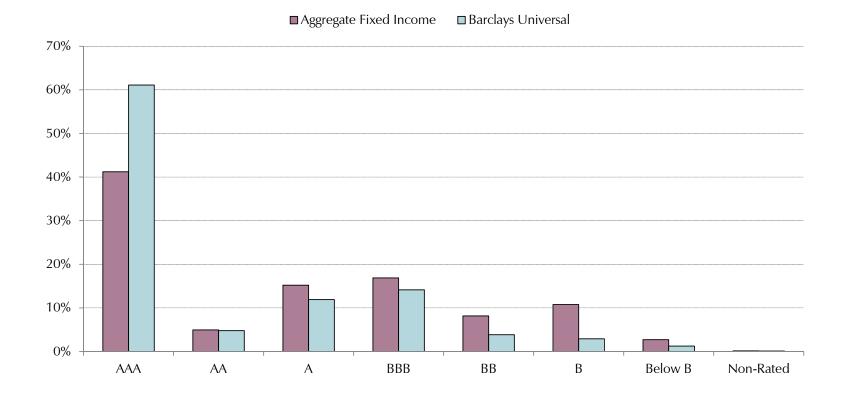
## Fixed Income Assets Risk as of 3/31/16

Risk: (sixty months)	Aggregate Fixed Income 3/31/16	Barclays Universal 3/31/16
Annualized Return (%)	3.4	3.9
Standard Deviation (%)	2.7	2.8
Best Monthly Return (%)	1.9	1.9
Worst Monthly Return (%)	-1.8	-1.8
Beta	0.90	1.00
Correlation to Index	0.91	1.00
Correlation to Total Fund Return	0.45	NA
Sharpe Measure (risk-adjusted return)	1.24	1.39
Information Ratio	Neg.	NA



#### Fixed Income Assets Characteristics as of 3/31/16

	Aggregate Fixed Income	Barclays Universal	Aggregate Fixed Income
Duration & Yield:	3/31/16	3/31/16	12/31/15
Average Effective Duration (years)	4.3	5.3	4.2
Yield to Maturity (%)	3.4	2.7	3.7





## Fixed Income Assets Diversification as of 3/31/16

	)
United States 79 83	,
Foreign (developed markets) 14 10 1	1
Foreign (emerging markets) 7 7	<u>,                                    </u>
Currency Allocation (%):	
Non-U.S. Dollar Exposure 5	1
Sector Allocation (%):	
U.S. Treasury-Nominal 15 31 1	3
U.S. Treasury-TIPS 7 0	5
U.S. Agency 3	3
Mortgage Backed 12 24 1	2
Corporate 43 31 4	2
Bank Loans 8 0	7
Local & Provincial Government 1 1	
Sovereign & Supranational 9 8	)
Commercial Mortgage Backed 1 2	
Asset Backed 0 0	)
Cash Equivalent 0 0	)
Other 0 0	)



Retirement System Portfolio Reviews As of March 31, 2016

# Domestic Equity Portfolio Reviews as of 3/31/16

## Domestic Equity Portfolio Reviews As of March 31, 2016



#### Northern Trust Russell 1000 Index Portfolio Detail as of 3/31/16

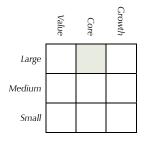
Mandate: Domestic Equities

Active/Passive: Passive

Market Value: \$111.1 million

Portfolio Manager: Alexander Matturri Jr., CFA

Location:Chicago, IllinoisInception Date:7/1/2006Account Type:Commingled



Fee Schedule:

0.03% on first \$50 mm; 0.02% thereafter

**Liquidity Constraints:** 

Daily

Strategy:

The Northern Trust Russell 1000 Index strategy seeks to replicate the return of the Russell 1000 index. Northern Trust employs a proprietary process in combination with low-cost trade execution to accomplish this objective. To efficiently manage cash flows, Northern Trust seeks to maximize the liquidity of trade lists and match the relevant benchmark's systemic risk. The result is a portfolio that tightly tracks the index while incurring lower transaction costs.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 7/1/06
Northern Trust Russell 1000 Index	1.2	0.4	0.5	11.5	11.4	7.5
Net of Fees	1.2	0.4	0.5	11.5	11.3	7.5
Russell 1000	1.2	0.4	0.5	11.5	11.4	7.4

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Northern Trust Russell 1000 Index	13.9%	1.00	0.81	NA	1.00
Russell 1000	13.9	1.00	0.81	NA	1.00

	3/3 Northern	1/16	12/31/15 Northern		
Capitalization Structure:	Trust Russell 1000 Index	Russell 1000	Trust Russell 1000 Index	Russell 1000	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	116.0 7.5	115.9 7.5	114.5 7.4	114.7 7.4	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	75 23 1	75 24 1	75 24 2	75 24 2	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	21 2.7 2.1 10 10	21 2.7 2.1 10 10	20 2.7 2.1 10 10	20 2.9 2.1 10 10	
Sector Allocation (%):					
Consumer Discretionary Information Technology Consumer Staples Industrials Utilities Telecommunication Services Materials Health Care Energy Financials	14 20 10 11 3 3 3 14 6	14 20 10 11 3 3 3 14 6	14 20 9 11 3 2 3 15 6	13 20 9 11 3 2 3 15 6	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	1,020 10 16	1,020 10 16	1,033 10 16	1,031 10 16	
Largest Ten Holdings:		Industry			
Apple Microsoft ExxonMobil Johnson & Johnson General Electric Berkshire Hathaway Facebook AT&T Amazon.com Wells Fargo & Company	3.1 2.2 1.7 1.5 1.5 1.3 1.2 1.2 1.1	Technology Equipment Software & Services Energy Pharmaceuticals & Biotech. Capital Goods Diversified Financials Software & Services Telecom Services Retailing Banks			

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

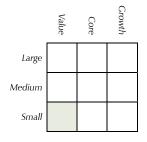


# **Loomis Sayles Small Cap Value Equity Portfolio Detail as of 3/31/16**

Mandate: Domestic Equities

Active/Passive: Active
Market Value: \$25.6 million
Portfolio Manager: Joseph R. Gatz
Location: Detroit, Michigan
Inception Date: 4/1/1997

Account Type: Separately Managed



#### Fee Schedule:

0.70% on first \$30 mm; 0.60% on next \$20 mm; 0.50% thereafter

#### **Liquidity Constraints:**

Daily

#### Strategy:

The Loomis Sayles Small Cap Value team focuses on fundamental bottom-up research to identify companies with a market capitalization between \$100 million and \$2 billion that they believe are attractively valued relative to their growth and profitability potential. Their strategy typically results in portfolios with low price-to-earnings, price-to-book, and price-to-cash flow ratios. Portfolios generally hold between 150 and 170 securities.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 4/1/97
Loomis Sayles Small Cap Value Equity Net of Fees	3.3 3.2	-3.4 -3.9	-3.8 -4.5	9.3 8.6	9.5 8.7	11.1 NA
Russell 2000 Value	1.7	-6.6	-7.7	5.7	6.7	8.8
Peer Small Cap Value	2.4	-5.4	-5.3	8.4	8.4	10.6
Peer Ranking (percentile)	32	31	31	26	26	36

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
<b>Loomis Sayles Small Cap Value Equity</b>	17.0%	0.95	0.56	1.04	0.99
Russell 2000 Value	17.2	1.00	0.38	NA	1.00

	3/3	1/16	12/31/15		
Capitalization Structure:	Loomis Sayles Small Cap Value Equity	Russell 2000 Value	Loomis Sayles Small Cap Value Equity	Russell 2000 Value	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	2.6 1.7	1.7 0.6	3.5 1.6	1.7 0.6	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	0 30 70	0 15 85	0 33 67	0 12 88	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	22 2.2 1.6 11 11	19 1.5 2.4 10 9	22 2.0 1.6 12 11	18 1.5 2.4 8 9	
Sector Allocation (%):					
Consumer Discretionary Industrials Information Technology Consumer Staples Health Care Materials Telecommunication Services Energy Utilities Financials	17 19 16 5 5 3 0 3 2 30	10 12 11 4 4 3 1 4 8 43	18 16 15 4 5 2 0 2 2 2 36	10 12 11 3 5 3 1 4 7	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	153 <i>7</i> 13	1,325 3 5	152 12 18	1,349 2 5	
Largest Ten Holdings:		Industry			
Post Holdings Littelfuse Retail Opportunity Investments CubeSmart Signature Bank John Bean Technologies Cathay General Bancorp Mid-America Apartments Northwestern Churchill Downs	1.6 1.5 1.4 1.4 1.3 1.3 1.2 1.2 1.2	Food, Beverage Technology Equ Real Estate Real Estate Banks Capital Goods Banks Real Estate Utilities Consumer Servi	uipment		

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

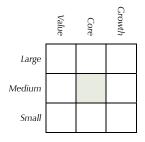


#### Northern Trust S&P 400 MidCap Index Portfolio Detail as of 3/31/16

Mandate: Domestic Equities

Active/Passive: Passive
Market Value: \$19.2 million
Portfolio Manager: Team

Location:Chicago, IllinoisInception Date:6/1/2007Account Type:Commingled



#### Fee Schedule:

0.03% on first \$50 mm; 0.02% thereafter

#### **Liquidity Constraints:**

Daily

#### Strategy:

The Northern Trust S&P 400 Index strategy seeks to replicate the return of the S&P 400 index. Northern Trust employs a proprietary process in combination with low-cost trade execution to accomplish this objective. To efficiently manage cash flows, Northern Trust seeks to maximize the liquidity of trade lists and match the relevant benchmark's systemic risk. The result is a portfolio that tightly tracks the index while incurring lower transaction costs.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 6/1/07
Northern Trust S&P 400 MidCap Index	3.8	-2.5	-3.6	9.5	9.5	7.0
Net of Fees	3.8	-2.5	-3.6	9.4	9.5	NA
S&P MidCap	3.8	-2.6	-3.6	9.5	9.5	6.9

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Northern Trust S&P 400 MidCap Index-NL	16.0%	1.00	0.59	NA	1.00
S&P MidCap	16.0	1.00	0.59	NA	1.00

	3/3 Northern Trust S&P 400 MidCap	1/16	12/3 Northern Trust S&P 400 MidCap	31/15
Capitalization Structure:	Index	S&P MidCap	Index	S&P MidCap
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	4.9 3.4	4.9 3.4	5.0 3.3	5.0 3.3
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	0 78 22	0 78 22	0 77 23	0 77 23
Fundamental Structure:				
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	20 2.4 1.7 13 10	20 2.4 1.7 13 10	20 2.5 1.7 14 10	20 2.5 1.7 14 10
Sector Allocation (%):				
Financials Consumer Discretionary Utilities Information Technology Health Care Telecommunication Services Industrials Energy Consumer Staples Materials	25 14 6 16 8 0 16 3 4	25 14 6 16 8 0 16 3 4	27 13 5 17 10 0 15 3 4	27 13 5 17 10 0 15 3 4 6
Diversification:				
Number of Holdings % in 5 largest holdings % in 10 largest holdings	401 3 6	400 3 6	400 4 7	399 4 7
Largest Ten Holdings:		Industry		
Jarden Alaska Air LKQ Acuity Brands Mettler Toledo Foot Locker Fortune Brands Home & Security Global Payments Alliant Energy Corp. Everest RE Group	0.8 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6	Consumer Dura Transportation Retailing Capital Goods Pharmaceutical Retailing Capital Goods Software & Serv Utilities Insurance	s & Biotech.	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# Int'l Developed Market Equity Portfolio Reviews as of 3/31/16

# International Developed Market Equity Portfolio Reviews As of March 31, 2016

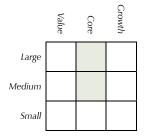


#### Northern Trust MSCI EAFE Index Portfolio Detail as of 3/31/16

Mandate: International Equities

Active/Passive: Passive
Market Value: \$29.4 million
Portfolio Manager: Team

Location:Chicago, IllinoisInception Date:12/1/2014Account Type:Commingled



Fee Schedule:

0.07% on first \$50 mm; 0.05% thereafter

**Liquidity Constraints:** 

Daily

#### Strategy:

The Northern Trust MSCI EAFE Index strategy seeks to replicate the return of the MSCI EAFE index. Northern Trust employs a proprietary process in combination with low-cost trade execution to accomplish this objective. To efficiently manage cash flows, Northern Trust seeks to maximize the liquidity of trade lists and match the relevant benchmark's systemic risk. The result is a portfolio that tightly tracks the index while incurring lower transaction costs.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	Since 12/1/14
Northern Trust MSCI EAFE Index	-2.9	-8.7	-8.0	-5.1
Net of Fees	-3.0	-8.8	-8.1	-5.2
MSCI EAFE	-3.0	-8.8	-8.3	-5.4
Peer International Core	-1.6	-8.0	-6.4	-3.9
Peer Ranking (percentile)	77	57	67	68

Capitalization Structure:	3/3 Northern Trust MSCI EAFE Index	1/16 MSCI EAFE	12/3 Northern Trust MSCI EAFE Index	1/15  MSCI EAFE	
Capitalization structure:	EAFE IIIUEX	MISCI EAFE	EAFE IIIUEX	MISCI EAFE	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	50.7 8.7	50.4 8.7	55.5 8.5	53.9 8.7	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	64 35 1	64 35 1	66 33 1	65 34 1	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	17 1.6 3.5 7 8	17 1.6 3.5 7 8	17 1.7 3.2 10 8	17 1.7 3.2 8 8	
Sector Allocation (%):					
Health Care Materials Consumer Discretionary Consumer Staples Telecommunication Services Information Technology Industrials Utilities Energy Financials	12 7 13 13 5 5 13 4 5	12 7 13 13 5 5 13 4 5	10 6 16 12 4 6 12 4 4 4 26	12 6 13 12 5 5 13 4 5	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	956 7 12	926 <i>7</i> 11	947 10 16	925 8 12	
Region Allocation (%):					
Europe Asia Pacific Other	65 34 1	65 34 1	62 37 1	64 35 1	
Largest Five Holdings:		Industry			
Nestle Roche Novartis Toyota Motor HSBC	<ul> <li>Food, Beverage &amp; Tobacco</li> <li>Pharmaceuticals &amp; Biotech.</li> <li>Pharmaceuticals &amp; Biotech.</li> <li>Automobiles &amp; Components</li> <li>Banks</li> </ul>				

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# Fisher Institutional Foreign Equity Portfolio Detail as of 3/31/16

Mandate: International Equities,

Developed Markets

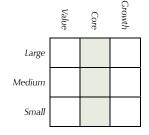
Active/Passive: Active

Market Value: \$25.9 million

Portfolio Manager: Team

Location: Woodside, California

**Inception Date:** 2/1/2007 **Account Type:** Commingled



#### Fee Schedule:

1.00% on first \$10 mm; 0.90% on next \$15 mm; 0.80% on next \$25 mm; 0.70% on next \$50 mm; 0.60% thereafter

#### **Liquidity Constraints:**

Monthly

#### Strategy:

The Fisher Foreign Equity Strategy utilizes a top-down investment process focusing on what they believe to be the most important determinants of portfolio return. The team utilizes a combination of quantitative and fundamental research to formulate economic forecasts, political forecasts, and determine sentiment drivers. Based upon their forecasting, the team will develop portfolio themes to drive security selection.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 2/1/07
Fisher Institutional Foreign Equity Net of Fees	-3.5 -3.7	-9.3 -9.9	-10.1 -10.9	2.4 1.5	2.3 1.4	2.3 NA
MSCI EAFE	-3.0	-8.8	-8.3	2.2	2.3	0.3
Peer International Core	-1.6	-8.0	-6.4	3.0	2.8	1.3
Peer Ranking (percentile)	85	64	84	60	59	25

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Fisher Institutional Foreign Equity	18.5%	1.11	0.12	Neg.	0.97
MSCLEAFE	16.1	1.00	0.14	NA	1.00

	3/3	1/16	12/2	31/15
	Fisher Institutional		Fisher Institutional	
Capitalization Structure:	Foreign Equity	MSCI EAFE	Foreign Equity	MSCI EAFE
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	77.1 46.7	50.4 8.7	81.1 53.7	53.9 8.7
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	91 9 0	64 35 1	92 8 0	65 34 1
Fundamental Structure:				
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	18 2.7 3.0 9	17 1.6 3.5 7 8	18 2.8 2.7 10 9	17 1.7 3.2 8 8
Sector Allocation (%):				
Information Technology Health Care Consumer Discretionary Industrials Energy Utilities Materials Consumer Staples Telecommunication Services Financials	18 20 19 15 2 0 2 8 0	5 12 13 13 5 4 7 13 5	16 21 18 14 1 0 2 6 0	5 12 13 13 5 4 6 12 5
Diversification:				
Number of Holdings % in 5 largest holdings % in 10 largest holdings	71 16 29	926 <i>7</i> 11	70 16 29	925 8 12
Region Allocation (%):				
North America Europe Asia Pacific Emerging Other	4 76 15 4 0	0 65 34 0 1	3 77 16 4 0	0 64 35 0 1
Largest Five Holdings:		Industry		
Novo Nordisk Asml Holding Bayer WPP Taiwan Semiconductor	3.9 3.5 3.3 3.0 2.8	Pharmaceutical Semiconductor Pharmaceutical Media Semiconductor	s s & Biotech.	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# Int'l Emerging Markets Equity Portfolio Reviews as of 3/31/16

# International Emerging Markets Equity Portfolio Reviews As of March 31, 2016



# Dimensional Emerging Markets Value Portfolio Detail as of 3/31/16

Mandate: International Equities,

**Emerging Markets** 

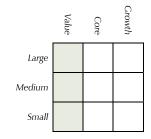
Active/Passive: Active

Market Value: \$15.9 million

Portfolio Manager: Team

**Location:** Austin, Texas **Inception Date:** 2/1/2012

Account Type: Mutual Fund (DFEVX)



Fee Schedule:

0.56% on all assets

**Liquidity Constraints:** 

Daily

#### Strategy:

Dimensional Fund Advisors' (DFA) investment approach combines both top-down and bottom-up elements. The top-down analysis involves drawing the boundaries for qualifying countries and company characteristics. It does not include macro-economic forecasting or tactical country allocation decisions. In its bottom-up work, DFA analyzes the attributes of individual securities for portfolio suitability. DFA limits its sector and industry weightings to 25% of the portfolio's market value. Country weights have a maximum target of 15% per country at the time of purchase to mitigate country risk. Risk is controlled by investing across a broad group of emerging markets companies and countries.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 2/1/12
Dimensional Emerging Markets Value	8.9	-12.9	-11.4	-6.4	-3.8
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-2.2
Peer Emerging Markets	4.1	-11.8	-11.1	-4.9	-1.7
Peer Ranking (percentile)	6	65	53	76	77
Risk: (fifty months)	Standard Deviation	Beta	Sharpe Measure²	Info. Ratio	Correlation to Index
Dimensional Emerging Markets Value	17.6%	1.08	Neg.	Neg.	0.98
MSCI Emerging Markets	16.2	1.00	Neg.	NA	1.00

	3/3 DFA	1/16	12/31/15 DFA		
Capitalization Structure:	Emerging Markets Value Fund	MSCI Emerging Markets	Emerging Markets Value Fund	MSCI Emerging Markets	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ million)	15.2 357.5	38.9 4,606.3	14.7 349.7	38.1 4,196.3	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	20 48 32	38 53 9	15 48 36	38 53 10	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	11 0.9 3.1 3 11	15 1.3 2.7 9 4	11 0.9 3.2 6 11	14 1.5 2.5 10 13	
Sector Allocation (%):					
Materials Energy Financials Industrials Consumer Discretionary Utilities Health Care Consumer Staples Telecommunication Services Information Technology	16 14 33 11 10 2 0 5 2 8	7 8 28 7 10 3 3 8 7 20	15 12 34 12 9 2 1 5 2	6 7 28 7 10 3 3 8 7 20	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	2,199 9 15	834 13 19	2,226 10 15	836 13 19	
Region Allocation (%):					
Asia Pacific Latin America Europe/MidEast/Africa Other	68 16 16 0	69 13 17 2	71 15 14 0	71 12 16 2	
Largest Five Holdings:		Industry			
China Construction Bank Reliance Industries Gazprom Bank of China Fomento Econom Mexica	2.7 2.1 1.8 1.5 1.3	Banks Energy Energy Banks Food, Beverage	e & Tobacco		

<sup>&</sup>lt;sup>2</sup> A negative Sharpe ratio indicates that the portfolio underperformed the risk-free rate during the sample period.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1

# **Vontobel Emerging Markets Equity Portfolio Detail as of 3/31/16**

Mandate: International Equities,

Emerging Markets

Active/Passive: Active

Market Value: \$9.4 million

Portfolio Manager: Matthew Benkendorf
Location: New York, New York

Inception Date: 2/1/2012
Account Type: Commingled

Large

Medium

Small

Fee Schedule:

1.10% on first \$50 mm; 1.00% on next \$150 mm

**Liquidity Constraints:** 

Monthly

#### Strategy:

Vontobel believes that long-term, stable, and superior earnings growth drives investment returns and risk-adjusted outperformance. Thus they seek to invest in businesses that are predictable (strong franchise, low capital intensity, shareholder oriented management, etc.), sustainable (ability to replicate or exceed past success in terms of growth, operating margins, ROE, ROA etc.), and are trading at an attractive margin of safety (to at least a 25% discount to their assessment of intrinsic value). They believe in building concentrated portfolios (50 to 90 stocks) of high conviction positions with little attention paid to the benchmark.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 2/1/12
Vontobel Emerging Markets Equity Net of Fees	2.5 2.2	-6.3 -7.1	-7.1 -8.2	-2.0 -3.1	2.3 1.2
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-2.2
Peer Emerging Markets	4.4	-10.8	-9.9	-3.5	-0.5
Peer Ranking (percentile)	69	5	16	30	21

Risk: (fifty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
<b>Vontobel Emerging Markets Equity</b>	14.4%	0.74	0.16	0.54	0.87
MSCI Emerging Markets	16.2	1.00	Neg.	NA	1.00

	3/3	31/16	12/31/15		
Capitalization Structure:	Vontobel Emerging Markets Equity	MSCI Emerging Markets	Vontobel Emerging Markets Equity	MSCI Emerging Markets	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	45.5 19.6	38.9 4.6	46.6 16.4	38.1 4.2	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	80 20 0	38 53 9	63 36 2	38 53 10	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	26 5.4 1.8 16 15	15 1.3 2.7 9 4	24 4.8 2.1 17 13	14 1.5 2.5 10 13	
Sector Allocation (%):					
Consumer Staples Health Care Financials Utilities Information Technology Materials Industrials Telecommunication Services Consumer Discretionary Energy	36 7 30 2 17 1 2 1 4	8 3 28 3 20 7 7 7 7 10 8	45 3 21 4 14 2 1 4 7	8 3 28 3 20 6 7 7 7 10 7	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	59 41 58	834 13 19	70 25 42	836 13 19	
Region Allocation (%):					
Asia Pacific Latin America Europe/MidEast/Africa Frontier Other	75 8 3 0 13	69 13 17 0 2	59 13 6 1 22	71 12 16 0 2	
Largest Five Holdings:		Industry			
HDFC Bank Housing Development Financial ITC Infosys British American Tobacco	12.0 10.9 9.2 4.7 4.1	Banks Banks Food, Beverage Software & Serv Food, Beverage	/ices		

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# Private Equity Portfolio Reviews as of 3/31/16

Private Equity
Portfolio Reviews
As of March 31, 2016



# Ironsides Partnership Fund III, L.P. Portfolio Detail as of 3/31/16

Strategy: Private Equity

Senior Professionals: Team

**Location:** Andover, Massachusetts

Vintage Year: 2013

**Fee Schedule:** 0.75% management fee;

8% preferred return;

5% carried interest

Commitment: \$6.0 million

Capital Contributions: \$0.8 million

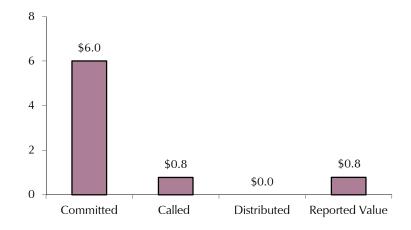
Outstanding Commitment: \$5.2 million

Realized Proceeds: \$0.0 million

**Total Value:** \$0.8 million

Number of Investments<sup>1</sup>: 4

Net IRR: NM



#### **Investment Strategy:**

Constitution Capital seeks investments in underlying private equity funds ranging in size from \$200 million to approximately \$1.0 billion, with a few larger potentially. Constitution has noted their preference to invest the majority of capital to funds of less than \$1 billion. Constitution has noted their preference to invest the majority of capital to funds of less than \$1 billion. Constitution targets a variety of fund types (domestic middle-market buyout, special situations, growth equity, distressed, and sector-specific) and will allocate amongst them opportunistically. The group will not invest in early-stage venture capital funds or mega buyout funds. The portfolio will have 12 to 15 underlying fund investments of approximately \$10 million to \$20 million each. For co-investments, it is anticipated that a total of 12-15 co-investments will each range from \$5 million to \$25 million. The enterprise values of the underlying companies are expected to range from \$100 million to \$1.5 billion.

<sup>&</sup>lt;sup>1</sup> Data presented is as of December 31, 2015.



# Ironsides Co-Investment Fund III, L.P. Portfolio Detail as of 3/31/16

Strategy: Private Equity

Senior Professionals: Team

**Location:** Andover, Massachusetts

Vintage Year: 2013

**Fee Schedule:** 1.0% per annum of commitments to

the Co-Investment Fund during the investment period; fees will be based on outstanding commitments

thereafter.

Commitment: \$6.0 million

Capital Contributions: \$6.1 million

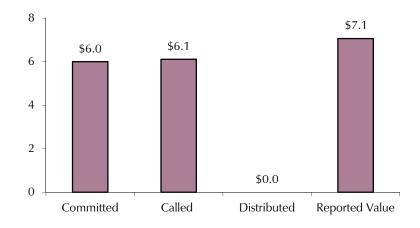
Outstanding Commitment: \$0.0 million

**Realized Proceeds:** \$0.0 million

**Total Value:** \$7.1 million

Number of Investments<sup>1</sup>: 11

Net IRR: NM



#### Investment Strategy:

Constitution Capital seeks investments in underlying private equity funds ranging in size from \$200 million to approximately \$1.0 billion, with a few larger potentially. Constitution has noted their preference to invest the majority of capital to funds of less than \$1 billion. Constitution has noted their preference to invest the majority of capital to funds of less than \$1 billion. Constitution targets a variety of fund types (domestic middle-market buyout, special situations, growth equity, distressed, and sector-specific) and will allocate amongst them opportunistically. The group will not invest in early-stage venture capital funds or mega buyout funds. The portfolio will have 12 to 15 underlying fund investments of approximately \$10 million to \$20 million each. For co-investments, it is anticipated that a total of 12-15 co-investments will each range from \$5 million to \$25 million. The enterprise values of the underlying companies are expected to range from \$100 million to \$1.5 billion.

<sup>&</sup>lt;sup>1</sup> Data presented is as of December 31, 2015.



# **Investment Grade Bond Portfolio Reviews** as of 3/31/16

# **Investment Grade Bond Portfolio Reviews As of March 31, 2016**



#### Northern Trust Barclays Aggregate Index Portfolio Detail as of 3/31/16

Mandate: Investment Grade Bonds

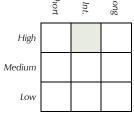
Active/Passive: Passive

Market Value: \$61.1 million

Portfolio Manager: Bradford Adams

Alexander Matturri Jr., CFA

Location:Chicago, IllinoisInception Date:7/1/1998Account Type:Commingled



Fee Schedule:

0.06% on first \$100 mm; 0.03% thereafter

#### **Liquidity Constraints:**

Daily

#### Strategy:

The Northern Trust Aggregate Bond Index strategy seeks to replicate the returns of the Barclays Aggregate index, an index covering the broad domestic investment grade bond market. The fund is passively managed, employing statistical methods to replicate performance and composition of the index. The portfolio is comprised of U.S. Treasury, government agency, investment grade corporate bonds, mortgage- and asset-backed sectors of the fixed income markets.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 7/1/98
Northern Trust Barclays Aggregate Index Net of Fees	3.0 3.0	3.7 3.7	2.0 1.9	2.5 2.4	3.8 3.7	5.2 NA
Barclays Aggregate	3.0	3.7	2.0	2.5	3.8	5.2

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Northern Trust Barclays Aggregate Index	2.9%	1.01	1.28	NA	1.00
Barclays Aggregate	2.9	1.00	1.30	NA	1.00

	-,-	3/31/16		31/15
Duration & Yield:	NT Barclays Aggregate Index	Barclays Aggregate	NT Barclays Aggregate Index	Barclays Aggregate
Average Effective Duration (years) Yield to Maturity (%)	5.5 2.2	5.5 2.2	5.7 2.6	5.7 2.6
Quality Structure (%):				
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB BB B Below B Non-Rated	AA+ 72 4 11 13 0 0 0	AA+ 72 4 11 13 0 0 0	AA+ 72 4 11 13 0 0 0	AA+ 72 4 11 13 0 0 0
Sector Allocation (%):				
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	37 0 3 28 25 0 1 4 2 0 0	37 0 3 28 25 0 1 4 2 1 0	36 0 3 29 24 0 1 4 2 1 0 0	36 0 3 29 24 0 1 4 2 1 0 0
Market Allocation (%):				
United States Foreign (developed markets) Foreign (emerging markets)	92 6 2	92 6 2	92 6 2	92 6 2
Currency Allocation (%):				
Non-U.S. Dollar Exposure	0	0	0	0

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



#### Northern Trust 1-5 Year Credit Bond Portfolio Detail as of 3/31/16

Mandate: Fixed Income Active/Passive: Passive Market Value: \$35.0 million Portfolio Manager: Team High Location: Chicago, Illinois Inception Date: 2/1/2013 Medium Account Type: Commingled Low

Fee Schedule:

0.06% on first \$100 mm; 0.03% thereafter

#### **Liquidity Constraints:**

Daily

#### Strategy:

The primary objective of the Northern Trust 1-5 Year Credit Bond Index Fund is to hold a portfolio representative of the intermediate credit securities portion of the United States bond and debt market, as characterized by the Barclays Capital U.S. 1-5 Year Credit Bond Index.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 2/1/13
Northern Trust 1-5 Year Credit Bond	1.7	1.9	1.9	1.8	1.9
Net of Fees	1.7	1.9	1.8	1.7	1.8
Barclays 1-5 Year Credit	1.7	1.8	1.6	1.8	1.9
Peer Short-Term Core Fixed Income	1.2	1.4	1.4	1.4	1.4
Peer Ranking (percentile)	36	31	28	26	26

	3/3	1/16	12/31/15			
Duration & Yield:	NT 1-5 Year Credit Bond	Barclays 1-5 Year Credit	NT 1-5 Year Credit Bond	Barclays 1-5 Year Credit		
Average Effective Duration (years) Yield to Maturity (%)	2.8 2.0	2.8 2.0	2.7 2.3	2.7 2.3		
Quality Structure (%):						
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB B Below B Non-Rated	A 15 13 37 35 0 0	A 15 13 37 35 0 0	A 15 13 36 36 0 0	A 15 13 36 36 0 0		
Sector Allocation (%):						
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	0 0 7 0 79 0 2 12 0 0	0 0 7 0 79 0 2 12 0 0	0 0 7 0 79 0 2 12 0 0	0 0 7 0 79 0 2 12 0 0		
Market Allocation (%):						
United States Foreign (developed markets) Foreign (emerging markets)	63 33 4	63 33 4	63 33 4	63 33 4		
Currency Allocation (%):						
Non-U.S. Dollar Exposure	0	0	0	0		

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# TIPS Portfolio Review as of 3/31/16

TIPS Portfolio Review As of March 31, 2016



#### IR&M 1-10 Year Index Portfolio Detail as of 3/31/16

Mandate: TIPS Active/Passive: Active

Market Value: \$10.3 million

Portfolio Manager: Team

Location: Boston, Massachusetts 11/1/2013

Separately Managed Account Type:

High Medium Low

Int.

Fee Schedule:

Inception Date:

0.08% on all assets

**Liquidity Constraints:** 

Daily

Strategy:

Income Research & Management (IR&M) manages an intermediate (1-10 year) TIPS portfolio with similar duration and yield curve exposure to the benchmark. The firm strives to add a modest amount of alpha through bottom-up security selection.

**Guidelines:** 

Cash < 10%. Duration within .25 years of the benchmark.

Performance (%):	1Q16	Fiscal YTD <sup>1</sup>	1 YR	Since 11/1/13
IR&M 1-10 Year Index	3.6	2.0	1.9	0.9
Net of Fees	3.6	1.9	1.8	0.8
Barclays U.S. TIPS 1-10 Year	3.6	2.0	1.8	0.9
Peer TIPS	4.0	2.0	1.3	1.3
Peer Ranking (percentile)	64	46	11	72

	3/3	1/16	12/3	12/31/15		
Duration & Yield:	IR&M 1-10 Year Index	Barclays U.S. TIPS 1-10 Year	IR&M 1-10 Year Index	Barclays U.S. TIPS 1-10 Year		
Average Effective Duration (years) Yield to Maturity (%) <sup>2</sup>	5.4 1.5	3.3 1.5	5.3 1.9	3.3 2.0		
Quality Structure (%):						
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB B Below B Non-Rated	AAA 100 0 0 0 0 0 0 0	AAA 100 0 0 0 0 0 0	AAA 100 0 0 0 0 0 0	AAA 100 0 0 0 0 0 0		
Sector Allocation (%):						
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	0 100 0 0 0 0 0 0 0	0 100 0 0 0 0 0 0 0 0	0 100 0 0 0 0 0 0 0 0	0 100 0 0 0 0 0 0 0 0		
Market Allocation (%):						
United States Foreign (developed markets) Foreign (emerging markets)	100 0 0	100 0 0	100 0 0	100 0 0		
Currency Allocation (%):						
Non-U.S. Dollar Exposure	0	0	0	0		





<sup>&</sup>lt;sup>2</sup> This figure is an estimated yield-to-maturity (YTM) for the fund. It is calculated by adding the trailing 12-month inflation adjustment to the "real" (i.e., before inflation) YTM of the fund. Adding the 12-month inflation adjustment allows the fund's yield to be more directly comparable to those of other bond funds. Investors should recognize that the actual YTM will depend upon the level of inflation experienced going forward.

# High Yield Bond Portfolio Reviews as of 3/31/16

## High Yield Bond Portfolio Reviews As of March 31, 2016



#### SKY Harbor Broad High Yield Market Portfolio Detail as of 3/31/16

Mandate: High Yield Bonds

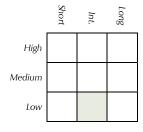
Active/Passive: Active

Market Value: \$17.4 million

Portfolio Manager: Hanna H. Strasser

Location: Greenwich, Connecticut

**Inception Date:** 9/1/2012 **Account Type:** Commingled



#### Fee Schedule:

0.30% on all assets

#### **Liquidity Constraints:**

Daily

#### Strategy:

SKY Harbor's strategy is income oriented and is based on the understanding that the largest component of high yield bond returns comes from coupon return. At the same time, the strategy seeks to minimize defaults through credit analysis and a top-down assessment of the economic and credit cycle. SKY Harbor segments the universe not only by industry but also by yield. They believe that credits trading with higher yields have more equity-like risk and those trading at lower yields are more exposed to bond-like risk (e.g., interest rate risk). Their exposure to these segments of the high yield market will be driven by credit analysis and their assessment of the economic and credit cycle.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 9/1/12
SKY Harbor Broad High Yield Market	2.1	-3.8	-3.2	1.8	3.3
Net of Fees	2.0	-4.2	-3.7	1.2	2.7
Barclays High Yield	3.4	-3.7	-3.7	1.8	3.7
Peer High Yield	2.6	-3.3	-2.7	2.4	4.1
Peer Ranking (percentile)	65	57	56	68	78
Risk: (forty-three months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
SKY Harbor Broad High Yield Market	5.3%	0.90	0.61	Neg.	0.97
Barclays High Yield	5.8	1.00	0.63	NA	1.00

	3/3	1/16	12/3	1/15
		Barclays		Barclays
Duration & Yield:	Sky Harbor	High Yield	Sky Harbor	High Yield
Average Effective Duration (years)	4.4	4.2	4.5	4.3
Yield to Maturity (%)	8.1	8.2	8.6	8.7
Quality Structure (%):				
Average Quality	В	В	В	В
AAA (includes Treasuries and Agencies)	0	0	0	0
AA	0	0	0	0
A	0	0	0	0
BBB	2	0	2	0
BB	35	46	34	46
В	43	38	43	40
Below B	19	16	20	14
Non-Rated	0	0	0	0
Sector Allocation (%):				
U.S. Treasury-Nominal	0	0	0	0
U.S. Treasury-TIPS	0	0	0	0
U.S. Agency	0	0	0	0
Mortgage Backed	0	0	0	0
Corporate	99	100	98	100
Bank Loans	0	0	0	0
Local & Provincial Government	0	0	0	0
Sovereign & Supranational	0	0	0	0
Commercial Mortgage Backed	0	0	0	0
Asset Backed	0	0	0	0
Cash Equivalent	1	0	2	0
Other	0	0	0	0
Market Allocation (%):				
United States	88	82	88	82
Foreign (developed markets)	11	18	12	18
Foreign (emerging markets)	1	0	0	0
Currency Allocation (%):				
Non-U.S. Dollar Exposure	0	0	0	0
· = - · · · · · · · · · · · · ·	=	=	=	=

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



#### Summit Partners Credit Fund II Portfolio Detail as of 3/31/16

Strategy: High Yield Bonds

Senior Professionals: Team

**Location:** Boston, Massachusetts

Vintage Year: 2011

Fee Schedule: 1.5% management fee; 20% carried

nterest

Commitment: \$9.2 million

Capital Contributions: \$4.8 million

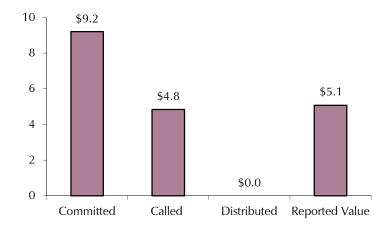
**Outstanding Commitment:** \$4.4million

**Realized Proceeds:** \$0.0 million

**Total Value:** \$5.1 million

Number of Investments<sup>1</sup>: 8

**Net IRR:** -1.0%



#### Investment Strategy:

Summit Partners Credit Fund II ("Fund II" or the "Fund") will invest in middle market companies through directly originated, senior secured (first or second lien) loans. When in a second lien position, Summit prefers to be junior to an asset-backed loan from a bank, and ideally a senior lender that it has brought into the transaction itself, often by syndicating a portion of unitranche loan at a lower rate while keeping a portion for itself at a much higher effective interest rate. The Fund will target middle market companies of scale that have stable and recurring revenue, while avoiding highly cyclical companies with high CAPEX requirements. Borrowers' use of proceeds will vary and may include acquisition capital, working capital, or refinancing capital. The Fund will seek to reduce repayment risk through call protections and will seek upside through penny warrants.

<sup>&</sup>lt;sup>1</sup> Data presented is as of December 31, 2015.



# Bank Loans Portfolio Review as of 3/31/16

Bank Loans Portfolio Review As of March 31, 2016



# **Beach Point Leveraged Loan Portfolio Detail as of 3/31/16**

Mandate: Fixed Income
Active/Passive: Active

Market Value: \$14.4 million
Portfolio Manager: Scott M. Klein

William Kozicki Carl H. Goldsmith

Santa Monica, California

**Inception Date:** 4/1/2012 **Account Type:** Commingled

High Medium Low

Fee Schedule:

0.65% on all assets

**Liquidity Constraints:** 

Quarterly

Location:

#### Strategy:

The Beach Point Leveraged Loan fund has the primary investment objective of achieving a risk-adjusted high rate of return through investments in secured corporate loans of below investment grade companies supplemented by investments in other below investment grade instruments. A significant portion of the portfolio will be invested in first lien secured loans. The Loan fund may also opportunistically invest in DIP loans, second lien loans, floating rate notes, high yield bonds, and short-term bonds. The Loan fund has a long bias and the majority of investments are floating rate. The geographical market focus is predominantly U.S., although the Loan fund has exposure to securities of foreign issuers, typically located in Canada and Western Europe.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 4/1/12
Beach Point Leveraged Loan Net of Fees	2.0 1.9	2.0 1.5	2.7 2.0	4.0 3.3	5.6 5.0
CSFB Leveraged Loan	1.3	-1.9	-1.1	2.2	3.7

Risk: (forty-eight months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
<b>Beach Point Leveraged Loan</b>	2.0%	0.71	2.81	1.85	0.92
CSFB Leveraged Loan	2.5	1.00	1.44	NA	1.00

		3/31/16		1/15
Duration & Yield:	Beach Point Leveraged Loan	CSFB Leveraged Loan	Beach Point Leveraged Loan	CSFB Leveraged Loan
Average Effective Duration (years) Yield to Maturity (%)	1.2 5.7	0.3 4.8	0.8 6.4	0.3 4.9
Quality Structure (%):				
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB B B Below B Non-Rated	B+ 0 0 0 6 33 56 4 1	B+ 0 0 0 0 0 39 57 2 2	B+ 0 0 0 1 47 46 5	B+ 0 0 0 0 36 57 5
Sector Allocation (%):				
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	0 0 0 0 22 78 0 0 0	0 0 0 0 0 100 0 0 0	0 0 0 0 18 82 0 0 0	0 0 0 0 0 100 0 0 0
Market Allocation (%):				
United States Foreign (developed markets) Foreign (emerging markets)	77 23 0	100 0 0	80 20 0	100 0 0
Currency Allocation (%):				
Non-U.S. Dollar Exposure	2	0	2	0

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# Emerging Market Debt Portfolio Review as of 3/31/16

# **Emerging Market Debt Portfolio Review As of March 31, 2016**



#### Stone Harbor Emerging Markets Local Currency Debt Portfolio Detail as of 3/31/16

Mandate: Fixed Income
Active/Passive: Active

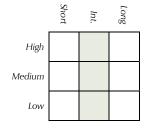
Market Value: \$6.7 million

Portfolio Manager: Team

**Location:** New York, New York

**Inception Date:** 6/1/2012

Account Type: Mutual Fund (SHLMX)



#### Fee Schedule:

0.87% on all assets

#### **Liquidity Constraints:**

Daily

#### Strategy:

Stone Harbor believes that investing in a diversified portfolio of emerging markets local currency instruments will result in strong, long-term performance. The investment team monitors the emerging markets universe for improving credit quality opportunities and undervalued currencies with high real return potential. The active investment management approach is characterized by fundamental credit analysis. The investment process emphasizes country selection based on intensive economic and political analysis as well as a rigorous analytical approach to currency, sector, and security selection.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 6/1/12
Stone Harbor Emerging Markets Local Currency Debt <sup>2</sup>	10.5	-2.7	-3.3	-9.0	-4.3
JPM GBI-EM Global Diversified (unhedged)	11.0	-0.7	-1.6	-6.7	-1.8
Peer Emerging Market Debt	4.8	0.3	0.1	-1.0	2.1
Peer Ranking (percentile)	1	80	82	95	94

Risk: (forty-six months)	Standard Deviation	Beta	Sharpe Measure <sup>3</sup>	Info. Ratio	Correlation to Index
Stone Harbor Emerging Markets Local Currency Debt	11.4%	1.03	Neg.	Neg.	0.99
JPM GBI-EM Global Diversified (unhedged)	11.2	1.00	Neg.	NA	1.00

Duration & Yield:	3/31 Stone Harbor EM Local Debt	J/16 JPM GBI-EM Global Diversified (unhedged)	12/3 Stone Harbor EM Local Debt	1/15 JPM GBI-EM Global Diversified (unhedged)
Average Effective Duration (years) Yield to Maturity (%)	5.2 7.4	4.9 6.5	5.4 9.1	4.8 7.1
Quality Structure (%):				
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB BB B Below B Non-Rated	BBB+ 4 0 36 47 13 0 0	BBB 0 0 39 45 16 0 0	BBB+ 0 0 36 60 1 0 2	BBB+ 0 0 41 59 0 0 0
Sector Allocation (%):				
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	0 0 0 0 0 0 0 97 0 0 0 3	0 0 0 0 0 0 0 0 100 0 0	0 0 0 0 0 0 0 100 0 0	0 0 0 0 0 0 0 0 100 0 0
Market Allocation (%):				
United States Foreign (developed markets) Foreign (emerging markets)	0 0 100	0 0 100	0 0 100	0 0 100
Currency Allocation (%):				
Non-U.S. Dollar Exposure	100	100	99	100

<sup>&</sup>lt;sup>3</sup> A negative Sharpe ratio indicates that the portfolio underperformed the risk-free rate during the sample period.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>2</sup> Net of fees

# Real Estate Portfolio Reviews as of 3/31/16

Real Estate Portfolio Reviews As of March 31, 2016



# A.E.W Core Property Trust Portfolio Detail as of 3/31/16

**Strategy:** Real Estate

Open-End

Core

Market Value: \$23.0 million

Senior Professionals: Team

Location: Boston, Massachusetts

**Inception Date:** 7/1/2013

Account Type: Separately Managed

# of Investments: 62

02

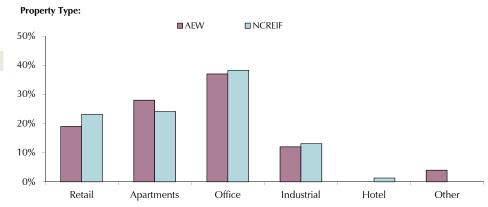
**Liquidity Constraints:** Quarterly

Fee Schedule: 1.10% on first \$10 mm; 1.00% on next \$15 mm

IRR: 9.1%

Geogra	phic Region:			
50%		■AEW	□NCREIF	
40% -			1	
30% -				
20% -				
10% -				
0%	East	West	Midwest	South
	Last	vvesi	wildwest	JOUILL

Performance (%):	1Q16	Fiscal YTD¹	1 YR	Since 7/1/13
A.E.W Core Property Trust	1.9	NA	12.3	11.8
NCREIF ODCE	2.2	NA	13.7	8.8



#### **Investment Strategy:**

AEW employs leverage that is in-line with NFI-ODCE and currently has 10% of the net asset value in non-core investments, but in an investment with primarily core characteristics (mezzanine loan). The strategy invests mostly in the East and South, with significantly less exposure to the Midwest.

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



#### Intercontinental Real Estate Investment Fund III Portfolio Detail as of 3/31/16

Strategy: Real Estate

Value-Added Private Market

Market Value: \$4.0 million

Senior Professionals: Team

Location: Boston, Massachusetts

Vintage Year: 2003

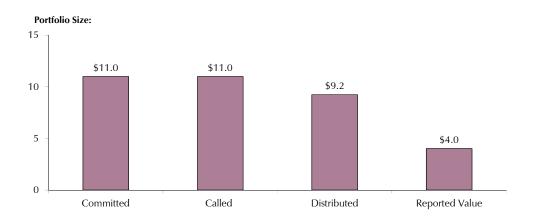
Account Type: Separately Managed

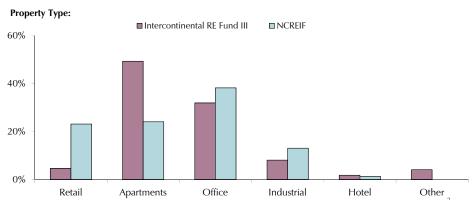
# of Investments: 2

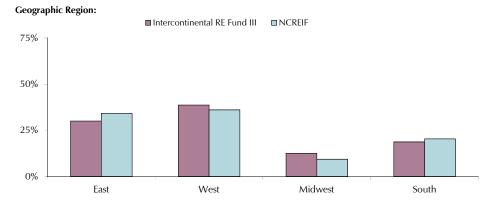
**Liquidity Constraints:** No interim liquidity

**Fee Schedule:** 1.25% on all assets

IRR: 5.4%







#### **Investment Strategy:**

Intercontinental searches for properties that may generate attractive capital appreciation through some degree of asset repositioning, re-tenanting, or through moderate physical or financial rehabilitation. The manager will construct a geographically diversified portfolio across the spectrum of property types including: office, residential, industrial, retail and mixed-used properties. This Fund's objective targets yield-driven returns with annual cash yields of 6% to 8% and a total return of 10%.



#### INVESCO Mortgage Recovery Loans Portfolio Detail as of 3/31/16

Strategy: Opportunistic Debt - PPIP

**Senior Professionals:** Richard J. King, CFA

Location: Atlanta, Georgia

Vintage Year: 2008

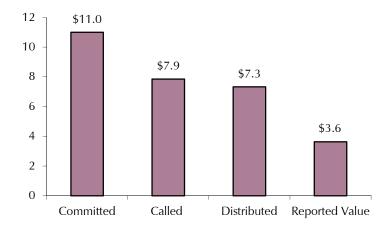
Fee Schedule: 1.0% management fee on invested capital; 8% preferred return; 20% carried interest

Commitment<sup>1</sup>: \$11.0 million

Capital Contributions: \$7.9 million

**Reported Value:** \$7.3 million

Net IRR: 16.8%<sup>2</sup>



#### Investment Strategy:

Using matching funds provided by the U.S. Treasury under the Public-Private Investment Program (PPIP), the INVESCO Mortgage Recovery Fund will invest, directly or indirectly, in a broad spectrum of mortgage-related assets. The Fund will have a specific focus on legacy residential mortgage-backed securities ("RMBS") and commercial mortgage-backed securities ("CMBS"), residential mortgage and commercial real estate loans, and other distressed mortgage-related assets. The Funds will seek to construct a diverse portfolio of mortgage-related investments with sector allocations that will change as markets evolve and opportunities develop.

<sup>&</sup>lt;sup>2</sup> Data presented is as of December 31, 2015.



 $<sup>^{\</sup>rm 1}$  Combined commitment for INVESCO Mortgage Recovery Loans and Mortgage Recovery Feeder.

# INVESCO Mortgage Recovery Feeder Portfolio Detail as of 3/31/16

Strategy: Opportunistic Debt - PPIP

Senior Professionals: Richard J. King, CFA

Location: Atlanta, Georgia

Vintage Year: 2008

Fee Schedule: 1.0% management fee; 8% preferred return; 20% carried interest

Commitment: \$4.5 million

Capital Contributions: \$4.2 million

**Realized Proceeds:** \$5.6 million

**Reported Value:** < \$0.1 million

**Net IRR:** 12.6%<sup>1</sup>



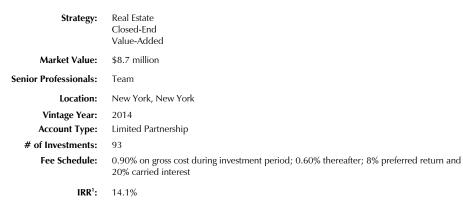
#### Investment Strategy:

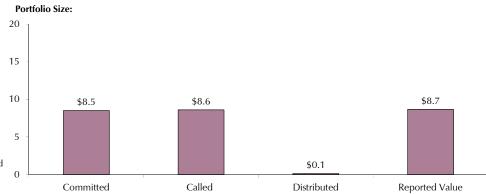
Using matching funds provided by the U.S. Treasury under the Public-Private Investment Program (PPIP), the INVESCO Mortgage Recovery Fund will invest, directly or indirectly, in a broad spectrum of mortgage related assets. The Fund will have a specific focus on legacy residential mortgage-backed securities ("RMBS") and commercial mortgage backed securities ("CMBS"), residential mortgage and commercial real estate loans, and other distressed mortgage-related assets. The Funds will seek to construct a diverse portfolio of mortgage-related investments with sector allocations that will change as markets evolve and opportunities develop.

<sup>&</sup>lt;sup>1</sup> Data presented is as of December 31, 2015.

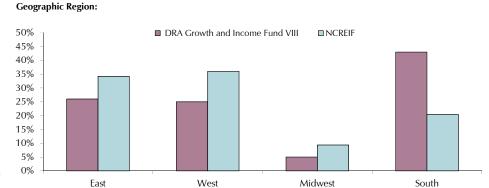


# DRA Growth and Income Fund VIII, LLC Portfolio Detail as of 3/31/16





# Property Type: 50% DRA Growth and Income Fund VIII NCREIF 40% 30% 20% Retail Apartments Office Industrial Hotel



#### Investment Strategy:

Fund VIII will invest in a diversified portfolio of office, retail, multi-family, industrial and other real-estate related properties and assets across the United States and its territories. The Company will seek to generate an attractive return to investors of 12-15%, net of fees, expenses and carried interest, and a significant portion of this return is expected to be from cash flow. Fund VIII will attempt to capitalize on inefficiencies in real estate markets to acquire high quality operating assets at discounts to replacement cost. Such inefficiencies can result from (i) taking advantage of sellers' strategic or financial motivations, (ii) investing in markets or properties that are perceived as out of favor by other investors, (iii) leveraging DRA's industry relationships with both private and public joint venture partners to access deals, and (iv) utilizing DRA's financial experience and resources to exploit pricing inefficiencies in complex transactions.

<sup>&</sup>lt;sup>1</sup> Net IRR is as of December 31, 2015.



# Hedge Fund Portfolio Reviews as of 3/31/16

Hedge Fund Portfolio Reviews As of March 31, 2016



# Tse Capital Offshore Fund, Ltd. Portfolio Detail as of 3/31/16

Mandate: Hedge Fund, Global Macro

Market Value: \$6.3 million
Portfolio Manager: Irene Tse

**Location:** New York, New York

**Inception Date:** 2/1/2015

Account Type: Limited Partnership
# of Investments: Not Provided

#### Fee Schedule:

1.5% management with sliding incentive fees; 10% if returns to 10%; 20% if returns exceed 10%; 30% if returns exceed 20%

#### **Liquidity Constraints:**

Quarterly redemptions with a 90 days' written notice; Initial 12 month lock-up period.

#### Strategy:

Tse Capital pursues a global macro strategy, utilizing a discretionary, top-down, thematic approach. They evaluate macro cycles and interlinks global themes through the identification of economic imbalances and the study of political and central bank transitions. Tse Capital makes predominantly directional investments in short, medium and long term opportunities, through a strategy of both active trading and investment in equities, currencies, commodities, credit and fixed income instruments, and other instruments related to any such asset classes, whether listed or "over the counter". Tse Capital may invest in and utilize currency spot and forward contracts, currency and interest rate futures contracts, swaps, "over the counter" and exchange-listed options and options on futures contracts. Tse Capital may also take positions in commodity and equity and fixed income indices, as well as related futures, swaps and options on these indices, as well as investment opportunities in markets that may arise from time to time.

Performance (%):	1Q16	Fiscal YTD <sup>1</sup>	Since 2/1/15
Tse Capital Offshore Fund, Ltd.	2.3	-4.5	2.2
HFRI Macro Index	1.6	0.7	-1.8

	3/31,	3/31/2016		12/31/2015	
Security Type Exposure (%):	Long	Short	Long	Short	
Commodity	14	0	12	0	
Currency	80	82	2	93	
Equity	23	6	34	7	
Fixed Income (Developed)	37	6	13	7	

#### Top 3 Notional Positions (%):

Short Korean Won currency to the dollar	30.5
Long Australian dollar currency to the dollar	27.3
Short Singapore dollar currency to the dollar	18.5

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# 36 South Kohinoor Series Three Portfolio Detail as of 3/31/16

Mandate: Hedge Fund, Global Macro

Market Value: \$8.6 million

Portfolio Manager: Richard Haworth

Anthony Limbrick

Richard Hollington, CAIA

**Location:** London, United Kingdom

**Inception Date:** 2/1/2015

Account Type: Limited Partnership

**# of Investments:** 96

Fee Schedule:

1.75% management, 20.0% performance

**Liquidity Constraints:** 

Monthly with 30 days' notice

#### Strategy

The Kohinoor Series Three Fund invests in 25% of the initial capital subscribed into the Kohinoor Core Fund and keeps the remaining in cash. The capital will be deployed in long dated, out of the money options across a broad spectrum of asset classes in various geographical locations. The team performs fundamental, bottom-up research to guide their capital allocation. There will be approximately 30-70 positions that will generally appreciate in value in a rising volatility environment.

Performance (%):	1Q16	Fiscal YTD¹	Since 2/1/15
36 South Kohinoor Series Three	-2.3	-5.6	-7.2
HFRI Macro Index	1.6	0.7	-1.8

	3/31/	3/31/2016		/2015
Geographic Exposure (%):	Gross	Net	Gross	Net
North America Developed Europe Developed Asia Emerging Markets	77 125 148 0	73 125 125 0	138 129 136 0	128 116 136 0
Security Type Exposure (%):	Long	Short	Long	Short
Commodity Currency Equity Fixed Income (Developed)	86 323 186 151	41 0 13 0	71 180 160 232	41 0 11 0
Top 3 Notional Positions (%):				
AUD Receiver Swaption AUD Receiver Swaption AUD Receiver Swaption	36 36 35			
Top 3 Risk Positions (%):				
AUD JPY EUR USD XAU Calls	14 13 13			

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# Och-Ziff Credit Opportunities Portfolio Detail as of 3/31/16

Mandate: Hedge Fund, Fixed Income,

Diversified \$2.6 million Team

- No W. L. M

**Location:** New York, New York

**Inception Date:** 6/1/2015

Account Type: Limited Partnership

# of Investments: 519

Fee Schedule:

Market Value:

Portfolio Manager:

1.25 % management fee; 20% performance fee with a 6% hurdle rate

**Liquidity Constraints:** 

Quarterly (with 61 days advance notice)

Strategy:

Och-Ziff Credit Opportunities investment team uses a bottom-up approach to security selection focusing on assets that support the potential investment. Selection is mostly comprised of U.S. and European corporate and structured credit markets. OZCO will invest across all size spectrums believing capital deployed into dislocated or inefficient markets globally will generate strong risk adjusted returns.

Performance (%):	1Q16	Fiscal YTD¹	Since 6/1/15
Och-Ziff Credit Opportunities	-3.9	-3.9	-5.0
Barclays High Yield	1.6	0.7	-1.7

Quality Gross Exposure (%):	3/31/16	12/31/15	9/30/15
AAA to A	3	1	1
BBB	1	1	1
BB	5	4	4
В	7	7	13
CCC and Below	24	40	34
Not Rated	91	91	90
In Default	6	8	9
Sector Gross Exposure (%):	3/31/16	12/31/15	9/30/15
U.S. Government (including Agency)	2	3	4
Developed Sovereign	3	2	4
Emerging Sovereign	0	0	0
Mortgage Backed (non-Agency)	28	34	40
Commercial Mortgage Backed	5	6	6
Other Securitized Assets	24	27	25

	3/3	3/31/16		12/31/15	
Security Type (%):	Long Exposure	Short Exposure	Long Exposure	Short Exposure	
Equities	3	1	3	1	
Fixed Income	102	4	111	1	
Derivative	2	25	1	26	
Cash	_	_	_	_	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



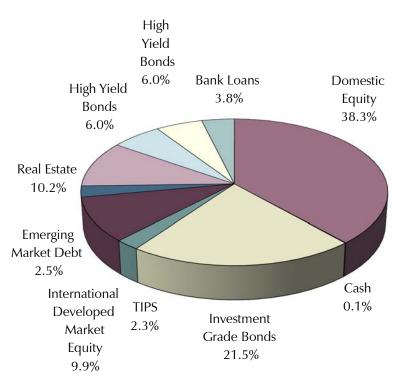
# VEBA First Quarter Investment Review

VEBA Summary As of March 31, 2016



### Aggregate Assets as of 3/31/16







# Aggregate Assets Asset Summary as of 3/31/16

	Market Value 3/31/16 (\$ mm)	% of Health Care Trust	Target Allocation (%)	Target Range (%)	Market Value 12/31/15 (\$ mm)
Total VEBA	131.5	100	NA	NA	128.6
Domestic Equity Assets	51.4	39	38	30-46	50.3
International Developed Market Equity Assets	13.2	10	11	8-14	13.7
International Emerging Market Equity Assets	7.4	6	6	0-9	7.0
Investment Grade Bond Assets	26.3	20	10	8-12	27.3
TIPS Assets	3.1	2	9	0-11	3.0
High Yield Bond Assets <sup>1</sup>	8.0	6	6	2-8	7.2
Bank Loan Assets	5.1	4	4	0-6	5.0
Emerging Market Debt Assets	3.3	3	3	0-5	3.0
Real Estate Assets	13.6	10	10	2-12	11.7
Natural Resources Assets	0.0	0	3	0-5	0.0
Cash	0.1	< 1	0	< 5	0.4

<sup>&</sup>lt;sup>1</sup> Includes preliminary Summit Partners Credit Fund II.



## Aggregate Assets Portfolio Roster as of 3/31/16

	Market Value 3/31/16 (\$ mm)	% of Asset Class	% of Health Care Trust	Target Allocation (%)	Target Range (%)	Market Value 12/31/15 (\$ mm)
Total VEBA	131.5	NA	100	NA	NA	128.6
<b>Domestic Equity Assets</b>	51.4	100	39	38	30-46	50.3
Northern Trust Russell 1000 Index	35.4	69	27			35.0
RhumbLine S&P 400 Index	9.7	19	7			9.4
SouthernSun Small Cap Equity	6.2	12	5			5.9
International Developed Market Equity Assets	13.2	100	10	11	8-14	13.7
Fisher Institutional Foreign Equity	13.2	100	10			13.7
International Emerging Market Equity Assets	7.4	100	6	6	0-9	7.0
Dimensional Emerging Markets Value	3.9	53	3			3.6
Vontobel Emerging Markets Equity	3.5	47	3			3.4
Investment Grade Bond Assets	26.3	100	20	10	8-12	27.3
Northern Trust Barclays Aggregate Bond Index	23.7	90	18			23.3
<b>Short Duration Bonds</b>	2.5	10	2			4.0
Northern Trust 1-5 Year Credit Bond	2.5	10	2			3.6
TIPS Assets	3.1	100	2	9	0-11	3.0
IR&M 1-10 Year Index	3.1	100	2			3.0



### Aggregate Assets Portfolio Roster as of 3/31/16

	Market Value 3/31/16 (\$ mm)	% of Asset Class	% of Health Care Trust	Target Allocation (%)	Target Range (%)	Market Value 12/31/15 (\$ mm)
High Yield Bond Assets	8.0	100	6	6	2-8	7.2
SKY Harbor Broad High Yield Market	6.7	84	5			6.6
Summit Partners Credit Fund II <sup>1</sup>	1.3	16	1			0.6
Bank Loan Assets	5.1	100	4	4	0-6	5.0
Beach Point Leveraged Loan	5.1	100	4			5.0
<b>Emerging Market Debt Assets</b>	3.3	100	3	3	0-5	3.0
Stone Harbor Emerging Markets Local Currency Debt	3.3	100	3			3.0
Real Estate Assets	13.6	100	10	10	2-12	11.7
A.E.W. Core Property Trust <sup>2</sup>	5.7	42	4			5.6
Vanguard REIT Index	5.3	39	4			5.0
DRA Growth and Income Fund VIII <sup>1</sup>	2.5	19	2			1.1
Cash	0.1	100	< 1	0	< 5	0.4
Northern Trust Cash Account	0.1	100	< 1			0.4

<sup>&</sup>lt;sup>2</sup> Market value is preliminary as of March 31, 2016.



<sup>&</sup>lt;sup>1</sup> Market value as of December 31, 2015, adjusted for subsequent cash flows.

	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Total VEBA	2.3	-1.2	-1.6	4.9	5.9	5.5	10/1/99	5.7
Net of Fees	2.2	-1.4	-1.9	4.6	5.5	NA		NA
Policy Benchmark <sup>2</sup>	-3.3	-6.4	-5.9	3.3	4.9	4.8		4.9
Actual Allocation Benchmark	1.6	-0.9	-0.7	5.7	5.9	NA		NA
60% MSCI ACWI/ 40% Barclays Aggregate	1.5	-1.1	-1.6	4.5	4.9	4.8		NA
Domestic Equity	2.1	-2.6	<b>-</b> 2.3	9.6	10.2	7.2	10/1/99	6.1
Russell 3000	1.0	-0.5	-0.3	11.1	11.0	6.9		5.4
International Developed Market Equity	-3.5	<b>-</b> 9.3	-10.1	2.4	2.3	NA	7/1/09	8.6
MSCI EAFE	-3.0	-8.8	-8.3	2.2	2.3	1.8		6.4
International Emerging Market Equity	5.7	-10.1	-9.8	-4.7	NA	NA	2/1/12	-1.5
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-4.1	3.0		-2.2
Investment Grade Bonds <sup>3</sup>	3.1	3.5	1.7	2.7	4.1	5.5	10/1/00	5.7
Barclays Aggregate	3.0	3.7	2.0	2.5	3.8	4.9		5.3
Barclays Universal	3.1	3.2	1.8	2.5	3.9	5.0		5.5
TIPS	3.6	2.0	1.9	NA	NA	NA	11/1/13	0.9
Barclays U.S. TIPS	4.5	2.6	1.5	-0.7	3.0	4.6		1.6
Barclays U.S. TIPS 1-10 Year	3.6	2.0	1.8	-0.7	1.9	4.0		0.9

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>&</sup>lt;sup>3</sup> Prior to July 2011, Investment Grade Bonds included an allocation to High Yield.



<sup>&</sup>lt;sup>2</sup> As of 3Q 2011, the Policy Benchmark comprises 38% Russell 3000, 11% MSCI EAFE, 6% MSCI EM, 10% Barclays Aggregate, 9% Barclays U.S. TIPS, 6% Barclays High Yield, 4% CSFB Leveraged Loan, 3% JPM GBI-EM Global Diversified, 10% NCREIF ODCE (equal weighted), and 3% DJ-UBS Commodity.

	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Total VEBA (continued)	2.3	-1.2	-1.6	4.9	5.9	5.5	10/1/99	5.7
Net of Fees (continued)	2.2	-1.4	-1.9	4.6	5.5	NA		NA
High Yield Bond Assets <sup>2</sup>	3.6	-2.3	-1.7	2.2	5.0	NA	7/1/09	8.4
Barclays High Yield	3.4	-3.7	-3.7	1.8	4.9	7.0		9.5
Bank Loans	2.0	2.0	2.7	4.0	NA	NA	4/1/12	5.6
CSFB Leveraged Loan	1.3	-1.9	-1.1	2.2	3.5	4.0		3.7
Emerging Market Debt	10.5	-2.7	-3.3	-9.0	NA	NA	6/1/12	<b>-4</b> .3
JPM GBI-EM Global Diversified (unhedged)	11.0	-0.7	-1.6	-6.7	-2.0	5.0		-1.8
Real Estate	3.3	10.8	7.4	8.5	10.6	6.6	3/1/05	9.5
NCREIF ODCE preliminary	2.2	13.7	13.6	13.3	6.4	NA		8.8
MSCI U.S. REIT	6.3	16.2	4.1	10.4	11.8	6.2		8.6

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1. <sup>2</sup> Includes preliminary Summit Partners Credit Fund II.



	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Domestic Equity	2.1	-2.6	-2.3	9.6	10.2	7.2	10/1/99	6.1
Northern Trust Russell 1000 Index	1.2	0.2	0.3	11.4	NA	NA	2/1/12	13.5
Net of Fees	1.2	0.2	0.3	11.4	NA	NA		13.5
Russell 1000	1.2	0.4	0.5	11.5	11.4	7.1		13.7
RhumbLine S&P 400 Index	3.7	-2.2	-2.9	9.9	9.8	NA	2/1/10	14.3
Net of Fees	3.7	-2.2	-3.0	9.8	9.7	NA		NA
S&P MidCap	3.8	-2.6	-3.6	9.5	9.5	7.8		14.1
SouthernSun Small Cap Equity	4.8	-17.2	-14.9	0.5	5.7	7.4	12/1/04	8.3
Net of Fees	4.5	-17.9	-15.7	-0.5	4.7	6.5		NA
Russell 2000	-1.5	-10.1	-9.8	6.8	7.2	5.3		6.5
International Developed Market Equity	-3.5	-9.3	-10.1	2.4	2.3	NA	7/1/09	8.6
Fisher Institutional Foreign Equity	-3.5	-9.3	-10.1	2.4	2.3	NA	7/1/09	8.6
Net of Fees	-3.8	-9.9	-11.0	1.4	1.3	NA		7.6
MSCI EAFE	-3.0	-8.8	-8.3	2.2	2.3	1.8		6.4
International Emerging Market Equity	5.7	-10.1	-9.8	-4.7	NA	NA	2/1/12	-1.5
Dimensional Emerging Markets Value <sup>2</sup>	8.9	<b>-</b> 12.9	-11.4	-6.4	NA	NA	2/1/12	-3.8
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-4.1	3.0		-2.2
Vontobel Emerging Markets Equity	2.5	-6.3	-7.1	-2.0	NA	NA	2/1/12	2.3
Net of Fees	2.2	-7.1	-8.2	-3.0	NA	NA		1.2
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-4.1	3.0		-2.2

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.<sup>2</sup> Returns shown are net of fees.



	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Investment Grade Bonds <sup>2</sup>	3.1	3.5	1.7	2.7	4.1	5.5	10/1/00	5.7
Northern Trust Barclays Aggregate Bond Index	3.1	3.5	1.7	2.4	3.8	5.0	10/1/99	5.4
Net of Fees	3.1	3.4	1.7	2.4	3.7	4.9		5.4
Barclays Aggregate	3.0	3.7	2.0	2.5	3.8	4.9		5.4
Short Duration Bonds	1.5	NA	NA	NA	NA	NA	12/1/15	1.2
Northern Trust 1-5 Year Credit Bond	1.8	NA	NA	NA	NA	NA	12/1/15	1.5
Net of Fees	1.8	NA	NA	NA	NA	NA		1.5
Barclays 1-5 Year Credit	1.7	1.8	1.6	1.8	2.7	4.2		1.4
TIPS	3.6	2.0	1.9	NA	NA	NA	11/1/13	0.9
IR&M 1-10 Year Index	3.6	2.0	1.9	NA	NA	NA	11/1/13	0.9
Net of Fees	3.6	1.9	1.8	NA	NA	NA		0.8
Barclays U.S. TIPS 1-10 Year	3.6	2.0	1.8	-0.7	1.9	4.0		0.9
High Yield Bond Assets <sup>3</sup>	3.6	-2.3	-1.7	2.2	5.0	NA	7/1/09	8.4
SKY Harbor Broad High Yield Market	2.1	-3.8	-3.2	1.8	NA	NA	12/1/12	3.1
Net of Fees	2.0	-4.2	-3.7	1.2	NA	NA		2.5
Barclays High Yield	3.4	-3.7	-3.7	1.8	4.9	7.0		3.0

<sup>&</sup>lt;sup>3</sup> Includes preliminary Summit Partners Credit Fund II.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>&</sup>lt;sup>2</sup> Prior to July 2011, Investment Grade Bonds included an allocation to High Yield.

	1Q16 (%)	Fiscal <sup>1</sup> YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	Inception Date	Since Inception (%)
Bank Loans	2.0	2.0	2.7	4.0	NA	NA	4/1/12	5.6
Beach Point Leveraged Loan	2.0	2.0	2.7	4.0	NA	NA	4/1/12	5.6
Net of Fees	1.9	1.5	2.0	3.3	NA	NA		5.0
CSFB Leveraged Loan	1.3	-1.9	-1.1	2.2	3.5	4.0		3.7
Emerging Market Debt	10.5	-2.7	-3.3	-9.0	NA	NA	6/1/12	-4.3
Stone Harbor Emerging Markets Local Currency Debt <sup>2</sup>	10.5	-2.7	<b>-</b> 3.3	-9.0	NA	NA	6/1/12	<b>-4</b> .3
JPM GBI-EM Global Diversified (unhedged)	11.0	-0.7	-1.6	-6.7	-2.0	5.0		-1.8
Real Estate	3.3	10.8	7.4	8.5	10.6	6.6	3/1/05	9.5
Vanguard REIT Index <sup>2</sup>	6.3	16.1	3.9	NA	NA	NA	3/1/14	13.3
MSCI U.S. REIT	6.3	16.2	4.1	10.4	11.8	6.2		13.4
A.E.W Core Property Trust <sup>2</sup>	1.9	8.0	12.3	NA	NA	NA	7/1/13	11.8
NCREIF ODCE preliminary	2.2	13.7	13.6	13.3	6.4	NA		8.8

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.<sup>2</sup> Returns shown are net of fees.



#### Aggregate Assets Calendar Year Performance

	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
Total VEBA Net of Fees	-1.5 -1.8	5.1 4.8	15.2 14.8	12.6 12.3	2.7 2.3	19.6 19.2	21.9 21.6	-24.2 -24.2	4.0 NA	10.9 NA
Policy Benchmark <sup>1</sup>	-0.8	5.7	14.2	13.0	1.6	15.7	24.6	-25.0	5.0	11.9
Actual Allocation Benchmark	-0.3	6.2	15.3	12.2	NA	NA	NA	NA	NA	NA
60% MSCI ACWI/ 40% Barclays Aggregate	-1.0	5.0	12.3	11.5	-1.1	10.8	23.0	-25.8	9.9	14.1
Domestic Equity	-2.0	9.5	34.6	17.7	2.2	27.4	31.4	-38.7	4.5	13.5
Northern Trust Russell 1000 Index	0.7	13.2	33.1	NA	NA	NA	NA	NA	NA	NA
Net of Fees	0.7	13.2	33.1	NA	NA	NA	NA	NA	NA	NA
Russell 1000	0.9	13.2	33.1	16.4	1.5	16.1	28.4	-37.6	5.8	15.5
RhumbLine S&P 400 Index	-1.3	9.8	33.9	17.9	-1.7	NA	NA	NA	NA	NA
Net of Fees	-1.4	9.8	33.8	17.8	<b>-1</b> .7	NA	NA	NA	NA	NA
S&P MidCap	-2.2	9.8	33.5	17.9	-1.7	26.6	37.4	-36.2	8.0	10.3
SouthernSun Small Cap Equity	-17.1	-6.0	41.6	21.8	6.4	48.4	29.3	-35.1	9.9	12.7
Net of Fees	-17.9	-7.0	40.2	20.6	5.4	47.6	28.4	-35.1	9.0	11.9
Russell 2000	-4.4	4.9	38.8	16.3	-4.2	26.9	27.2	-33.8	-1.6	18.4
International Developed Market Equity	-0.7	-4.8	23.6	17.0	-10.8	17.0	NA	NA	NA	NA
Fisher Institutional Foreign Equity	-0.7	-4.8	23.6	17.0	-10.8	17.0	NA	NA	NA	NA
Net of Fees	-1.7	-5.7	22.4	15.8	-11.7	16.3	NA	NA	NA	NA
MSCI EAFE	-0.8	-4.9	22.8	17.3	-12.1	7.7	31.8	-43.4	11.2	26.3

<sup>&</sup>lt;sup>1</sup> As of 3Q 2011, the Policy Benchmark comprises 38% Russell 3000, 11% MSCI EAFE, 6% MSCI EM, 10% Barclays Aggregate, 9% Barclays U.S. TIPS, 6% Barclays High Yield, 4% CSFB Leveraged Loan, 3% JPM GBI-EM Global Diversified, 10% NCREIF ODCE (equal weighted), and 3% DJ-UBS Commodity.



#### Aggregate Assets Calendar Year Performance

	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
International Emerging Market Equity	-14.1	-0.1	-4.4	NA						
Dimensional Emerging Markets Value <sup>1</sup>	-18.8	-4.4	-3.8	NA						
MSCI Emerging Markets	-14.9	-2.2	-2.6	18.2	-18.4	18.9	78.5	-53.3	39.4	32.2
Vontobel Emerging Markets Equity	-7.8	6.6	-4.4	NA						
Net of Fees	-8.8	5.5	-5.5	NA						
MSCI Emerging Markets	-14.9	-2.2	-2.6	18.2	-18.4	18.9	78.5	-53.3	39.4	32.2
Investment Grade Bonds <sup>2</sup>	0.3	6.4	-1.6	5.8	8.1	8.2	7.0	6.2	7.3	4.3
Northern Trust Barclays Aggregate Bond Index	0.3	6.1	-2.2	4.4	7.8	6.8	5.6	6.2	7.3	4.3
Net of Fees	0.3	6.0	-2.3	4.3	7.8	6.7	5.6	6.1	7.3	4.3
Barclays Aggregate	0.5	6.0	-2.0	4.2	7.8	6.5	5.9	5.2	7.0	4.3
TIPS	-0.4	0.9	NA							
IR&M 1-10 Year Index	-0.4	0.9	NA							
Net of Fees	-0.5	8.0	NA							
Barclays U.S. TIPS 1-10 Year	-0.5	0.9	-5.6	5.0	8.9	5.2	12.0	-2.4	11.4	1.6
High Yield Bond Assets	-3.5	1.4	9.2	12.4	5.7	12.3	NA	NA	NA	NA
SKY Harbor Broad High Yield Market	-3.4	1.4	9.2	NA						
Net of Fees	-3.9	8.0	8.6	NA						
Barclays High Yield	-4.5	2.5	7.4	15.8	5.0	15.1	58.2	-26.2	1.9	11.8

<sup>&</sup>lt;sup>2</sup> Prior to July 2011, Investment Grade Bonds included an allocation to High Yield.



<sup>&</sup>lt;sup>1</sup> Returns shown are net of fees.

#### Aggregate Assets Calendar Year Performance

	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
Bank Loans	2.8	2.7	7.1	NA						
Beach Point Leveraged Loan	2.8	2.7	7.1	NA						
Net of Fees	2.1	2.0	6.4	NA						
CSFB Leveraged Loan	-0.4	2.0	6.2	9.4	1.8	10.0	44.9	-28.8	1.9	7.2
Emerging Market Debt	-15.2	-8.5	-12.6	NA						
Stone Harbor Emerging Markets Local Currency Debt <sup>1</sup>	-15.2	-8.5	-12.6	NA						
JPM GBI-EM Global Diversified (unhedged)	-14.9	-5.7	-9.0	16.8	-1.8	15.7	22.0	-5.2	18.1	15.2
Real Estate	7.4	15.4	4.1	20.1	10.2	29.7	29.6	-36.3	-15.2	38.4
Vanguard REIT Index	2.4	NA								
MSCI U.S. REIT	2.5	30.4	2.5	17.8	8.7	28.5	28.6	-38.4	-17.8	34.4
A.E.W Core Property Trust	12.4	10.4	NA							
NCREIF ODCE	15.0	12.5	14.0	10.9	16.0	16.4	-29.8	-10.0	16.0	16.3

<sup>&</sup>lt;sup>1</sup> Returns shown are net of fees.



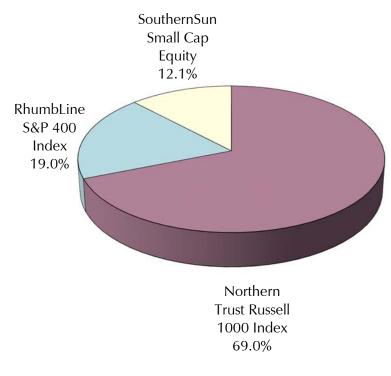
#### Domestic Equity Assets as of 3/31/16

Domestic Equity Assets As of March 31, 2016



#### Domestic Equity Assets as of 3/31/16





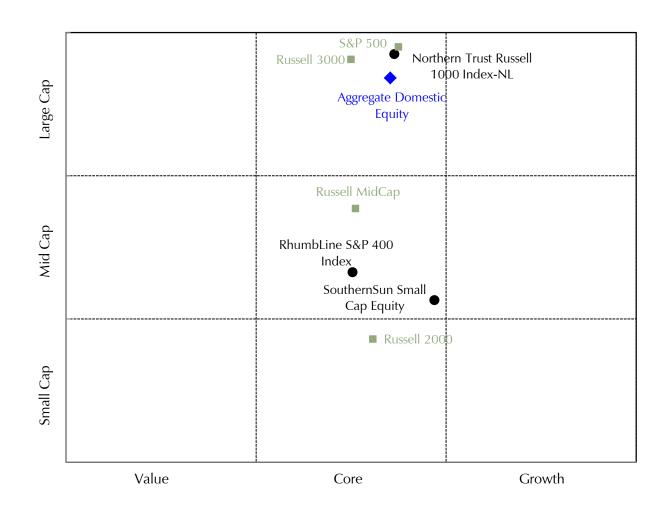


#### Domestic Equity Assets Risk as of 3/31/16

Risk: (sixty months)	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16
Annualized Return (%)	10.2	11.0
Standard Deviation (%)	15.2	14.1
Best Monthly Return (%)	13.7	11.5
Worst Monthly Return (%)	-9.3	-7.8
Beta	1.07	1.00
Correlation to Index	0.99	1.00
Correlation to Total Fund Return	0.97	NA
Sharpe Measure (risk-adjusted return)	0.67	0.78
Information Ratio	Neg.	NA



#### Domestic Equity Assets Style as of 3/31/16





#### Domestic Equity Assets Characteristics as of 3/31/16

Capitalization Structure:	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16	Aggregate Domestic Equity 12/31/15
Weighted Average Market Cap. (US\$ billion)	82.2	107.4	81.8
Median Market Cap. (US\$ billion)	6.3	1.4	6.3
Large (% over US\$20 billion)	52	69	53
Medium (% US\$3 billion to US\$20 billion)	37	23	37
Small (% under US\$3 billion)	11	7	11
Fundamental Structure:			
Price-Earnings Ratio	21	21	20
Price-Book Value Ratio	2.7	2.3	2.7
Dividend Yield (%)	2.0	2.1	1.9
Historical Earnings Growth Rate (%)	11	10	11
Projected Earnings Growth Rate (%)	10	10	10



### Domestic Equity Assets Diversification as of 3/31/16

Diversification:	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16	Aggregate Domestic Equity 12/31/15
Number of Holdings	1,170	2,973	1,177
% in 5 largest holdings	7	9	7
% in 10 largest holdings	11	15	11

Largest Five Holdings:	% of Portfolio	<b>Economic Sector</b>
Apple	2.2	Technology Equipment
Microsoft	1.5	Software & Services
ExxonMobil	1.2	Energy
Johnson & Johnson	1.0	Pharmaceuticals & Biotech.
General Electric	1.0	Capital Goods



#### Domestic Equity Assets Sector Allocation as of 3/31/16

Sector Allocation (%):	Aggregate Domestic Equity 3/31/16	Russell 3000 3/31/16	Aggregate Domestic Equity 12/31/15
Industrials	15	11	14
Materials	4	3	4
Utilities	4	3	4
Consumer Discretionary	14	14	14
Consumer Staples	9	9	8
Health Care	13	14	14
Financials	17	17	18
Telecommunication Services	2	2	2
Energy	5	6	5
Information Technology	18	20	18



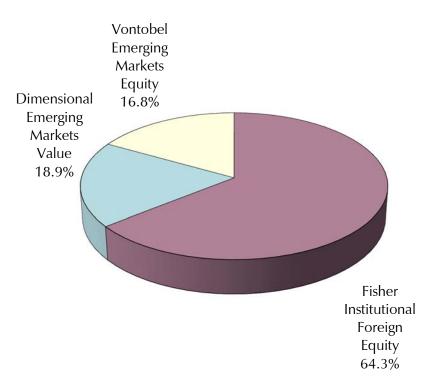
#### International Equity Assets as of 3/31/16

#### International Equity Assets As of March 31, 2016



### International Equity Assets as of 3/31/16







#### International Equity Assets Risk as of 3/31/16

Risk: (sixty months)	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16
Annualized Return (%)	0.5	0.6
Standard Deviation (%)	17.8	16.0
Best Monthly Return (%)	15.4	10.3
Worst Monthly Return (%)	-13.9	-11.3
Beta	1.09	1.00
Correlation to Index	0.98	1.00
Correlation to Total Fund Return	0.96	NA
Sharpe Measure (risk-adjusted return)	0.02	0.03
Information Ratio	Neg.	NA



#### International Equity Assets Style as of 3/31/16





### **International Equity Assets Characteristics as of 3/31/16**

Capitalization Structure:	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16	Aggregate International Equity 12/31/15
Weighted Average Market Cap. (US\$ billion)	60.2	40.6	64.1
Median Market Cap. (US\$ million)	399	1,156	398
Large (% over US\$20 billion)	75	50	74
Medium (% US\$3 billion to US\$20 billion)	18	36	19
Small (% under US\$3 billion)	6	13	7
Fundamental Structure:			
Price-Earnings Ratio	18	16	17
Price-Book Value Ratio	2.8	1.4	2.8
Dividend Yield (%)	2.8	3.2	2.7
Historical Earnings Growth Rate (%)	9	8	10
Projected Earnings Growth Rate (%)	-3	8	10



### **International Equity Assets Diversification as of 3/31/16**

Diversification:	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16	Aggregate International Equity 12/31/15
Number of Holdings	2,324	6,095	2,354
% in 5 largest holdings	11	4	11
% in 10 largest holdings	20	7	20

Largest Five Holdings:	% of Portfolio	<b>Economic Sector</b>
Novo Nordisk	2.6	Pharmaceuticals & Biotech.
Asml Holding	2.3	Semiconductors
Bayer	2.1	Pharmaceuticals & Biotech.
WPP	2.0	Media
Taiwan Semiconductor	2.0	Semiconductors



### **International Equity Assets Sector Allocation as of 3/31/16**

Sector Allocation (%):	Aggregate International Equity 3/31/16	MSCI ACWI (ex. U.S.) IMI 3/31/16	Aggregate International Equity 12/31/15
Information Technology	16	9	14
Health Care	14	9	14
Consumer Discretionary	15	13	15
Consumer Staples	11	11	12
Industrials	12	13	12
Energy	4	6	3
Materials	5	7	4
Utilities	1	3	1
Financials	21	25	24
Telecommunication Services	1	5	1



### International Equity Assets Country & Region Breakdown as of 3/31/16

	Aggregate International Equity 3/31/16 (%)	MSCI ACWI (ex. U.S.) IMI 3/31/16 (%)
North America	3.0	6.9
United States of America	1.0	0.4
Canada	2.0	6.5
Europe	51.4	45.6
Germany	10.2	6.3
France	7.7	6.3
Switzerland	7.5	6.3
Denmark	2.6	1.4
Ireland	1.8	0.8
United Kingdom	12.8	12.2
Belgium	1.6	1.1
Netherlands	3.8	3.3
Italy	1.8	1.7

	Aggregate International Equity 3/31/16 (%)	MSCI ACWI (ex. U.S.) IMI 3/31/16 (%)
Asia Pacific	11.9	27.5
Hong Kong	4.7	4.4
Australia	2.1	4.9
Japan	4.4	16.8
Emerging	33.6	19.4
India	10.7	1.8
Taiwan	5.1	2.9
South Korea	4.5	3.5
Mexico	1.9	1.0
Brazil	2.0	1.3
South Africa	2.2	1.5
Indonesia	1.2	0.6
Thailand	1.0	0.5
Malaysia	1.0	0.8
China	2.0	2.8
Other	0.0	0.6



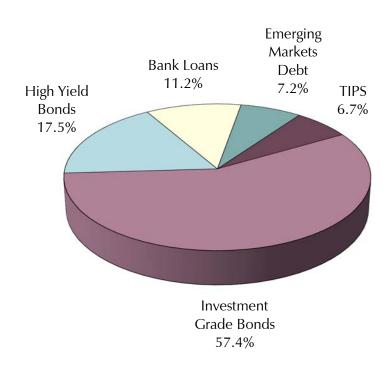
#### Fixed Income Assets as of 3/31/16

Fixed Income Assets As of March 31, 2016



#### Fixed Income Assets as of 3/31/16







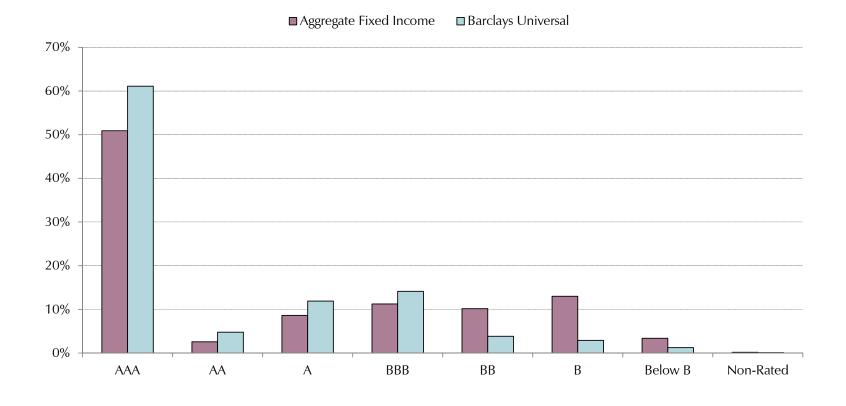
### Fixed Income Assets Risk as of 3/31/16

Risk: (sixty months)	Aggregate Fixed Income 3/31/16	Barclays Universal 3/31/16
Annualized Return (%)	3.8	3.9
Standard Deviation (%)	3.0	2.8
Best Monthly Return (%)	2.2	1.9
Worst Monthly Return (%)	-1.9	-1.8
Beta	1.00	1.00
Correlation to Index	0.92	1.00
Correlation to Total Fund Return	0.43	NA
Sharpe Measure (risk-adjusted return)	1.24	1.39
Information Ratio	Neg.	NA



#### Fixed Income Assets Characteristics as of 3/31/16

	Aggregate		Aggregate
Duration & Yield:	Fixed Income 3/31/16	Barclays Universal 3/31/16	Fixed Income 12/31/15
Average Effective Duration (years)	4.5	5.3	4.6
Yield to Maturity (%)	3.6	2.7	4.2





### Fixed Income Assets Diversification as of 3/31/16

Market Allocation (%):	Aggregate Fixed Income 3/31/16	Barclays Universal 3/31/16	Aggregate Fixed Income 12/31/15
United States	83	83	84
Foreign (developed markets)	9	10	9
Foreign (emerging markets)	8	7	8
Currency Allocation (%):			
Non-U.S. Dollar Exposure	7	0	7
Sector Allocation (%):			
U.S. Treasury-Nominal	23	31	24
U.S. Treasury-TIPS	7	0	7
U.S. Agency	2	2	2
Mortgage Backed	14	24	15
Corporate	33	31	31
Bank Loans	8	0	9
Local & Provincial Government	1	1	1
Sovereign & Supranational	10	8	10
Commercial Mortgage Backed	1	2	1
Asset Backed	0	0	0
Cash Equivalent	0	0	1
Other	0	0	0



VEBA Portfolio Reviews As of March 31, 2016

#### Domestic Equity Portfolio Reviews As of March 31, 2016



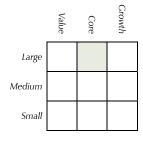
### Northern Trust Russell 1000 Index Portfolio Detail as of 3/31/16

Mandate: Domestic Equities

Active/Passive: Passive
Market Value: \$35.4 million

Portfolio Manager: Alexander Matturri Jr., CFA

Location:Chicago, IllinoisInception Date:2/1/2012Account Type:Commingled



Fee Schedule:

0.03% on first \$50 mm; 0.02% thereafter

**Liquidity Constraints:** 

Daily

Strategy:

The Northern Trust Russell 1000 Index strategy seeks to replicate the return of the Russell 1000 index. Northern Trust employs a proprietary process in combination with low-cost trade execution to accomplish this objective. To efficiently manage cash flows, Northern Trust seeks to maximize the liquidity of trade lists and match the relevant benchmark's systemic risk. The result is a portfolio that tightly tracks the index while incurring lower transaction costs.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 2/1/12
Northern Trust Russell 1000 Index	1.2	0.2	0.3	11.4	13.5
Net of Fees	1.2	0.2	0.3	11.4	13.5
Russell 1000	1.2	0.4	0.5	11.5	13.7
Peer Large Cap Core	0.5	-0.9	-0.8	11.2	13.4
Peer Ranking (percentile)	37	33	34	44	45

Risk: (fifty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Northern Trust Russell 1000 Index	12.4%	1.00	1.08	NA	1.00
Russell 1000	12.5	1.00	1.09	NA	1.00

	3/3 Northern	1/16	12/31/15 Northern		
Capitalization Structure:	Trust Russell 1000 Index	Russell 1000	Trust Russell 1000 Index	Russell 1000	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	116.0 7.5	115.9 7.5	114.5 7.4	114.7 7.4	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	75 23 1	75 24 1	75 24 2	75 24 2	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	21 2.7 2.1 10 10	21 2.7 2.1 10 10	20 2.7 2.1 10 10	20 2.9 2.1 10 10	
Sector Allocation (%):					
Consumer Discretionary Information Technology Consumer Staples Industrials Utilities Telecommunication Services Materials Health Care Energy Financials	14 20 10 11 3 3 3 14 6	14 20 10 11 3 3 3 14 6	14 20 9 11 3 2 3 15 6	13 20 9 11 3 2 3 15 6	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	1,020 10 16	1,020 10 16	1,033 10 16	1,031 10 16	
Largest Ten Holdings:		Industry			
Apple Microsoft ExxonMobil Johnson & Johnson General Electric Berkshire Hathaway Facebook AT&T Amazon.com Wells Fargo & Company	3.1 2.2 1.7 1.5 1.5 1.3 1.2 1.2 1.1	Technology Equipment Software & Services Energy Pharmaceuticals & Biotech. Capital Goods Diversified Financials Software & Services Telecom Services Retailing Banks			

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# RhumbLine S&P 400 Index Portfolio Detail as of 3/31/16

Mandate: Domestic Equities Active/Passive: Passive Market Value: \$9.7 million Portfolio Manager: Jeffrey D. Kusmierz Large Julie C. Lind Norman H. Meltz Medium Location: Boston, Massachusetts Inception Date: 2/1/2010 Small **Account Type:** Separately Managed

#### Fee Schedule:

0.0485% on first \$50 mm; 0.04% thereafter; (\$12,500 minimum per year)

#### **Liquidity Constraints:**

Daily

#### Strategy

The RhumbLine S&P 400 Index portfolio is a passive domestic equity strategy that seeks to match the performance of the S&P 400 index.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 2/1/10
RhumbLine S&P 400 Index	3.7	-2.2	-2.9	9.9	9.8	14.3
Net of Fees	3.7	-2.2	-3.0	9.8	9.7	NA
S&P MidCap	3.8	-2.6	-3.6	9.5	9.5	14.1

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
RhumbLine S&P 400 Index	15.9%	0.99	0.61	NA	1.00
S&P MidCan	16.0	1.00	0.59	NA	1.00

	3/3 RhumbLine S&P 400	1/16	12/ RhumbLine S&P 400	31/15
Capitalization Structure:	Index	S&P MidCap	Index	S&P MidCap
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	4.9 3.4	4.9 3.4	5.0 3.3	5.0 3.3
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	0 79 21	0 78 22	0 77 23	0 77 23
Fundamental Structure:				
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	20 2.4 1.7 13 10	20 2.4 1.7 13 10	20 2.5 1.7 14 10	20 2.5 1.7 14 10
Sector Allocation (%):				
Health Care Industrials Materials Telecommunication Services Consumer Discretionary Consumer Staples Information Technology Energy Utilities Financials	9 16 7 0 14 4 16 3 6 25	8 16 7 0 14 4 16 3 6 25	10 15 6 0 13 4 17 3 5	10 15 6 0 13 4 17 3 5
Diversification:				
Number of Holdings % in 5 largest holdings % in 10 largest holdings	396 4 7	400 3 6	400 4 7	399 4 7
Largest Ten Holdings:		Industry		
Jarden Centene Alaska Air Alliant Energy Corp. Acuity Brands LKQ Everest Re Group Mettler Toledo Fortune Brands Home & Security Foot Locker	0.8 0.7 0.7 0.7 0.7 0.6 0.6 0.6 0.6	Consumer Dura Health Care Ser Transportation Utilities Capital Goods Retailing Insurance Pharmaceuticals Capital Goods Retailing	vices	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# SouthernSun Small Cap Equity Portfolio Detail as of 3/31/16

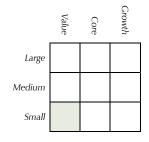
Mandate: Domestic Equities

Active/Passive: Active
Market Value: \$6.2 million
Portfolio Manager: Michael W. Cook Sr.

Location: Memphis, Tennessee

Inception Date: 12/1/2004

Account Type: Separately Managed



#### Fee Schedule:

1.00% on first \$50 mm; 0.95% on next \$50 mm; 0.90% on next \$100 mm; 0.85% thereafter

#### **Liquidity Constraints:**

10% cash restriction

#### Strategy:

The SouthernSun Small Cap Equity strategy uses fundamental research to identify attractive securities. The manager searches for companies that dominate niche business, have financial flexibility, and uniquely suited management teams. The proprietary analysis focuses on a company's discretionary cash flow, enterprise and "break-up" value, P/E, P/B ratios, and organic growth rates (3% to 6% minimum).

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 12/1/04
SouthernSun Small Cap Equity Net of Fees	4.8 4.5	-17.2 -17.9	-14.9 -15.7	0.5 -0.5	5.7 4.7	8.3 NA
Russell 2000	-1.5	-10.1	-9.8	6.8	7.2	6.5
Peer Small Cap Core	0.9	-6.9	-6.5	8.8	9.1	8.0
Peer Ranking (percentile)	5	96	94	95	88	43

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
SouthernSun Small Cap Equity	19.9%	0.98	0.28	Neg.	0.89
Russell 2000	18.1	1.00	0.39	NA	1.00

		4/4.5		04/47
	3/31/16 Southern Sun		12/ Southern Sun	31/15
	Small Cap		Small Cap	
Capitalization Structure:	Equity	Russell 2000	Equity	Russell 2000
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	3.3 3.0	1.9 0.6	3.2 3.1	1.9 0.7
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	0 50 50	0 17 83	0 53 47	0 17 83
Fundamental Structure:				
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	18 3.1 1.2 11 12	21 1.9 1.6 14 13	18 2.9 1.1 12 9	20 1.8 1.6 12 14
Sector Allocation (%):				
Industrials Consumer Staples Health Care Consumer Discretionary Utilities Materials Energy Telecommunication Services Information Technology Financials	37 12 17 15 5 4 2 0 5	13 4 14 14 4 4 3 1 18 26	35 11 17 16 5 3 2 0 5	12 3 17 13 4 4 3 1 18 26
Diversification:				
Number of Holdings % in 5 largest holdings % in 10 largest holdings	21 30 57	1,959 2 3	21 30 57	1,984 2 3
Largest Ten Holdings:		Industry		
Darling International Brink's Amsurg Aegion Polaris Industries Sanderson Farms Centene Chicago Bridge And Iron Hill-Rom Holdings Agco	6.7 5.8 5.8 5.8 5.7 5.5 5.5 5.4 5.3 5.1	Food, Beverage Commercial Se Health Care Se Capital Goods Consumer Dur Food, Beverage Health Care Se Capital Goods Health Care Se Capital Goods	rvices rvices ables e & Tobacco rvices	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# International Developed Market Equity Portfolio Review As of March 31, 2016



## Fisher Institutional Foreign Equity Portfolio Detail as of 3/31/16

Mandate: International Equities,

Developed Markets

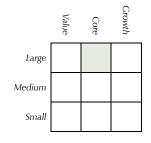
Active/Passive: Active

Market Value: \$13.2 million

Portfolio Manager: Team

Location: Woodside, California

**Inception Date:** 7/1/2009 **Account Type:** Commingled



#### Fee Schedule:

1.00% on first \$10 mm; 0.90% on next \$15 mm; 0.80% on next \$25 mm; 0.70% on next \$50 mm; 0.60% thereafter

#### **Liquidity Constraints:**

Monthly

#### Strategy:

The Fisher Foreign Equity Strategy utilizes a top-down investment process focusing on what they believe to be the most important determinants of portfolio return. The team utilizes a combination of quantitative and fundamental research to formulate economic forecasts, political forecasts, and determine sentiment drivers. Based upon their forecasting, the team will develop portfolio themes to drive security selection.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 7/1/09
Fisher Institutional Foreign Equity Net of Fees	-3.5 -3.8	-9.3 -9.9	-10.1 -11.0	2.4 1.4	2.3 1.3	8.6 7.6
MSCI EAFE	-3.0	-8.8	-8.3	2.2	2.3	6.4
Peer International Core	-1.6	-8.0	-6.4	3.0	2.8	7.5
Peer Ranking (percentile)	85	64	84	60	59	23

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Fisher Institutional Foreign Equity	18.5%	1.11	0.12	Neg.	0.97
MSCL FAFF	16.1	1.00	0.14	NA	1.00

	3/31/16		12/31/15 Fisher			
Capitalization Structure:	Fisher International Equity	MSCI EAFE	International Equity	MSCI EAFE		
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	77.1 46.7	50.4 8.7	81.1 53.7	53.9 8.7		
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	91 9 0	64 35 1	92 8 0	65 34 1		
Fundamental Structure:						
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	18 2.7 3.0 9	17 1.6 3.5 7 8	18 2.8 2.7 10 9	17 1.7 3.2 8 8		
Sector Allocation (%):						
Information Technology Health Care Consumer Discretionary Industrials Energy Utilities Materials Consumer Staples Telecommunication Services Financials	18 20 19 15 2 0 2 8 0	5 12 13 13 5 4 7 13 5	16 21 18 14 1 0 2 6 0 22	5 12 13 13 5 4 6 12 5		
Diversification:						
Number of Holdings % in 5 largest holdings % in 10 largest holdings	71 16 29	926 <i>7</i> 11	70 16 29	925 8 12		
Region Allocation (%):						
North America Europe Asia Pacific Emerging Other	4 76 15 4 0	0 65 34 0 1	3 77 16 4 0	0 64 35 0 1		
Largest Five Holdings:		Industry				
Novo Nordisk Asml Holding Bayer WPP Taiwan Semiconductor	3.9 3.5 3.3 3.0 2.8	<ul><li>3.5 Semiconductors</li><li>3.3 Pharmaceuticals &amp; Biotech.</li><li>3.0 Media</li></ul>				

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# International Emerging Market Equity Portfolio Reviews As of March 31, 2016



### Dimensional Emerging Markets Value Portfolio Detail as of 3/31/16

Mandate: International Equities,

Emerging Markets

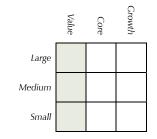
Active/Passive: Active

Market Value: \$3.9 million

Portfolio Manager: Team

**Location:** Austin, Texas **Inception Date:** 2/1/2012

Account Type: Mutual Fund (DFEVX)



Fee Schedule:

0.57% on all assets

**Liquidity Constraints:** 

Daily

#### Strategy:

Dimensional Fund Advisors' (DFA) investment approach combines both top-down and bottom-up elements. The top-down analysis involves drawing the boundaries for qualifying countries and company characteristics. It does not include macro-economic forecasting or tactical country allocation decisions. In its bottom-up work, DFA analyzes the attributes of individual securities for portfolio suitability. DFA limits its sector and industry weightings to 25% of the portfolio's market value. Country weights have a maximum target of 15% per country at the time of purchase to mitigate country risk. Risk is controlled by investing across a broad group of emerging markets companies and countries.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 2/1/12
<b>Dimensional Emerging Markets Value</b>	8.9	-12.9	-11.4	-6.4	-3.8
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-2.2
Peer Emerging Markets	4.1	-11.8	-11.1	-4.9	-1.7
Peer Ranking (percentile)	6	65	53	76	77
Risk: (fifty months)	Standard Deviation	Beta	Sharpe Measure <sup>2</sup>	Info. Ratio	Correlation to Index
<b>Dimensional Emerging Markets Value</b>	17.6%	1.08	Neg.	Neg.	0.98
MSCI Emerging Markets	16.2	1.00	Neg.	NA	1.00

		1/16	12/31/15		
Capitalization Structure:	DFA Emerging Markets Value Fund	MSCI Emerging Markets	DFA Emerging Markets Value Fund	MSCI Emerging Markets	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ million)	15.2 357.5	38.9 4,606.3	14.7 349.7	38.1 4,196.3	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	20 48 32	38 53 9	15 48 36	38 53 10	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	11 0.9 3.1 3 11	15 1.3 2.7 9 4	11 0.9 3.2 6 11	14 1.5 2.5 10 13	
Sector Allocation (%):					
Materials Energy Financials Industrials Consumer Discretionary Utilities Health Care Consumer Staples Telecommunication Services Information Technology	16 14 33 11 10 2 0 5 2 8	7 8 28 7 10 3 3 8 7 20	15 12 34 12 9 2 1 5 2	6 7 28 7 10 3 3 8 7	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	2,199 9 15	834 13 19	2,226 10 15	836 13 19	
Region Allocation (%):					
Asia Pacific Latin America Europe/MidEast/Africa Other	68 16 16 0	69 13 17 2	71 15 14 0	71 12 16 2	
Largest Five Holdings:		Industry			
China Construction Bank Reliance Industries Gazprom Bank of China Fomento Econom Mexica	2.7 2.1 1.8 1.5 1.3	Banks Energy Energy Banks Food, Beverage	e & Tobacco		

<sup>&</sup>lt;sup>2</sup> A negative Sharpe ratio indicates that the portfolio underperformed the risk-free rate during the sample period.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1

## **Vontobel Emerging Markets Equity Portfolio Detail as of 3/31/16**

Mandate: International Equities,

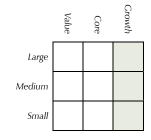
Emerging Markets

Active/Passive: Active

Market Value: \$3.5 million

Portfolio Manager: Matthew Benkendorf
Location: New York, New York

**Inception Date:** 2/1/2012 **Account Type:** Commingled



Fee Schedule:

1.10% on first \$50 mm; 1.00% on next \$150 mm

**Liquidity Constraints:** 

Monthly

#### Strategy:

Vontobel believes that long-term, stable, and superior earnings growth drives investment returns and risk-adjusted outperformance. Thus they seek to invest in businesses that are predictable (strong franchise, low capital intensity, shareholder oriented management, etc.), sustainable (ability to replicate or exceed past success in terms of growth, operating margins, ROE, ROA etc.), and are trading at an attractive margin of safety (to at least a 25% discount to their assessment of intrinsic value). They believe in building concentrated portfolios (50 to 90 stocks) of high conviction positions with little attention paid to the benchmark.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 2/1/12
Vontobel Emerging Markets Equity	2.5	-6.3	-7.1	-2.0	2.3
Net of Fees	2.2	-7.1	-8.2	-3.0	1.2
MSCI Emerging Markets	5.7	-12.6	-12.0	-4.5	-2.2
Peer Emerging Markets	4.4	-10.8	<b>-</b> 9.9	-3.5	-0.5
Peer Ranking (percentile)	69	5	16	30	21

Risk: (fifty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
<b>Vontobel Emerging Markets Equity</b>	14.4%	0.74	0.16	0.54	0.87
MSCI Emerging Markets	16.2	1.00	Neg.	NA	1.00

		31/16	12/31/15		
Capitalization Structure:	Vontobel Emerging Markets Equity	MSCI Emerging Markets	Vontobel Emerging Markets Equity	MSCI Emerging Markets	
Weighted Average Market Cap. (US\$ billion) Median Market Cap. (US\$ billion)	45.5 19.6	38.9 4.6	46.6 16.4	38.1 4.2	
Large (% over US\$20 billion) Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	80 20 0	38 53 9	63 36 2	38 53 10	
Fundamental Structure:					
Price-Earnings Ratio Price-Book Value Ratio Dividend Yield (%) Historical Earnings Growth Rate (%) Projected Earnings Growth Rate (%)	26 5.4 1.8 16 15	15 1.3 2.7 9 4	24 4.8 2.1 17 13	14 1.5 2.5 10 13	
Sector Allocation (%):					
Consumer Staples Health Care Financials Utilities Information Technology Materials Industrials Telecommunication Services Consumer Discretionary Energy	36 7 30 2 17 1 2 1 4	8 3 28 3 20 7 7 7 7 10 8	45 3 21 4 14 2 1 4 7	8 3 28 3 20 6 7 7 7 10 7	
Diversification:					
Number of Holdings % in 5 largest holdings % in 10 largest holdings	59 41 58	834 13 19	70 25 42	836 13 19	
Region Allocation (%):					
Asia Pacific Latin America Europe/MidEast/Africa Frontier Other	75 8 3 0 13	69 13 17 0 2	59 13 6 1 22	71 12 16 0 2	
Largest Five Holdings:		Industry			
HDFC Bank Housing Development Financial ITC Infosys British American Tobacco	12.0 10.9 9.2 4.7 4.1	Banks Banks Food, Beverage Software & Serv Food, Beverage	/ices		

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# **Investment Grade Bonds Portfolio Reviews As of March 31, 2016**



### Northern Trust Barclays Aggregate Bond Index Portfolio Detail as of 3/31/16

Mandate: Investment Grade Bonds

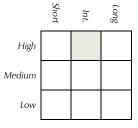
Active/Passive: Passive

Market Value: \$23.7 million

Portfolio Manager: Bradford Adams

Alexander Matturri Jr., CFA

Location:Chicago, IllinoisInception Date:10/1/1999Account Type:Commingled



#### Fee Schedule:

0.06% on first \$100 mm; 0.03% thereafter

#### **Liquidity Constraints:**

Daily

#### Strategy:

The Northern Trust Aggregate Bond Index strategy seeks to replicate the returns of the Barclays Aggregate index, an index covering the broad domestic investment grade bond market. The fund is passively managed, employing statistical methods to replicate performance and composition of the index. The portfolio is comprised of U.S. Treasury, government agency, investment grade corporate bonds, mortgage- and asset-backed sectors of the fixed income markets.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	5 YR	Since 10/1/99
Northern Trust Barclays Aggregate Bond Index Net of Fees	3.1 3.1	3.5 3.4	1.7 1.7	2.4 2.4	3.8 3.7	5.4 5.4
Barclays Aggregate	3.0	3.7	2.0	2.5	3.8	5.4

Risk: (sixty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Northern Trust Barclays Aggregate Bond Index	2.9%	1.02	1.27	NA	1.00
Barclays Aggregate	2.9	1.00	1.30	NA	1.00

	3/31 Northern Trust	I/ <b>16</b>	12/31/15 Northern Trust		
Duration & Yield:	Barclays Aggregate Bond Index	Barclays Aggregate	Barclays Aggregate Bond Index	Barclays Aggregate	
Average Effective Duration (years) Yield to Maturity (%)	5.5 2.2	5.5 2.2	5.7 2.6	5.7 2.6	
Quality Structure (%):					
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB B B Below B Non-Rated	AA+ 72 4 11 13 0 0 0	AA+ 72 4 11 13 0 0 0	AA+ 72 4 11 13 0 0 0	AA+ 72 4 11 13 0 0 0 0	
Sector Allocation (%):					
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	37 0 3 28 25 0 1 4 2 0 0	37 0 3 28 25 0 1 4 2 1 0	36 0 3 29 24 0 1 4 2 1 0	36 0 3 29 24 0 1 4 2 1 0	
Market Allocation (%):					
United States Foreign (developed markets) Foreign (emerging markets)	92 6 2	92 6 2	92 6 2	92 6 2	
Currency Allocation (%):					
Non-U.S. Dollar Exposure	0	0	0	0	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



### Northern Trust 1-5 Year Credit Bond Portfolio Detail as of 3/31/16

Mandate: Fixed Income Active/Passive: Passive Market Value: \$2.5 million Portfolio Manager: Team High Location: Chicago, Illinois Inception Date: 12/1/2015 Medium Account Type: Commingled Low

#### Fee Schedule:

0.10% on first \$25 mm; 0.06% on next \$75 mm; 0.05% thereafter

#### **Liquidity Constraints:**

Daily

#### Strategy:

The primary objective of the Northern Trust 1-5 Year Credit Bond Index Fund is to hold a portfolio representative of the intermediate credit securities portion of the United States bond and debt market, as characterized by the Barclays Capital U.S. 1-5 Year Credit Bond Index.

Performance (%):	1Q16	Since 12/1/15
Northern Trust 1-5 Year Credit Bond Net of Fees	1.8 1.8	1.5 1.5
Barclays 1-5 Year Credit	1.7	1.4

	3/3	1/16	12/3	1/15
	Northern		Northern	
	Trust 1-5 Year Credit	Barclays 1-5	Trust 1-5 Year Credit	Barclays 1-5
Duration & Yield:	Bond	Year Credit	Bond	Year Credit
Average Effective Duration (years) Yield to Maturity (%)	2.8 2.0	2.8 2.0	2.7 2.3	2.7 2.3
Quality Structure (%):				
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB B Below B Non-Rated	A 15 13 37 35 0 0	A 15 13 37 35 0 0	A 15 13 36 36 0 0	A 15 13 36 36 0 0
	U	U	U	U
Sector Allocation (%):				
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	0 0 7 0 79 0 2 12 0 0	0 0 7 0 79 0 2 12 0 0	0 0 7 0 79 0 2 12 0 0	0 0 7 0 79 0 2 12 0 0
Market Allocation (%):				
United States Foreign (developed markets) Foreign (emerging markets)	63 33 4	63 33 4	63 33 4	63 33 4
Currency Allocation (%):				
Non-U.S. Dollar Exposure	0	0	0	0



# TIPS Portfolio Review as of 3/31/16

TIPS Portfolio Review As of March 31, 2016



### IR&M 1-10 Year Index Portfolio Detail as of 3/31/16

 Mandate:
 TIPS

 Active/Passive:
 Active

 Market Value:
 \$3.1 million

 Portfolio Manager:
 Team

 Location:
 Boston, Massachusetts

 Inception Date:
 11/1/2013

 Account Type:
 Separately Managed

Fee Schedule:

0.08% on all assets

**Liquidity Constraints:** 

Daily

#### Strategy:

Income Research & Management (IR&M) manages an intermediate (1-10 year) TIPS portfolio with similar duration and yield curve exposure to the benchmark. The firm strives to add a modest amount of alpha through bottom-up security selection.

Low

#### **Guidelines:**

Cash < 10%. Duration within .25 years of the benchmark.

3

Duration & Yield:	3/3 IR&M 1-10 Year Index	1/16 Barclays U.S. TIPS 1-10 Year	12/3 IR&M 1-10 Year Index	11/15 Barclays U.S. TIPS 1-10 Year
Average Effective Duration (years) Yield to Maturity (%) <sup>2</sup>	5.4 1.5	3.3 1.5	5.3 1.9	3.3 2.0
Quality Structure (%):				
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB BB B Below B Non-Rated	AAA 100 0 0 0 0 0 0	AAA 100 0 0 0 0 0 0	AAA 100 0 0 0 0 0 0	AAA 100 0 0 0 0 0 0
Sector Allocation (%):				
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	0 100 0 0 0 0 0 0 0 0	0 100 0 0 0 0 0 0 0 0	0 100 0 0 0 0 0 0 0 0	0 100 0 0 0 0 0 0 0 0
Market Allocation (%):				
United States Foreign (developed markets) Foreign (emerging markets)	100 0 0	100 0 0	100 0 0	100 0 0
Currency Allocation (%):				
Non-U.S. Dollar Exposure	0	0	0	0





<sup>&</sup>lt;sup>2</sup> This figure is an estimated yield-to-maturity (YTM) for the fund. It is calculated by adding the trailing 12-month inflation adjustment to the "real" (i.e., before inflation) YTM of the fund. Adding the 12-month inflation adjustment allows the fund's yield to be more directly comparable to those of other bond funds. Investors should recognize that the actual YTM will depend upon the level of inflation experienced going forward.

### High Yield Bonds Portfolio Reviews As of March 31, 2016



### SKY Harbor Broad High Yield Market Portfolio Detail as of 3/31/16

Mandate: High Yield Bonds

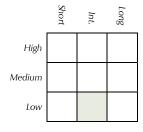
Active/Passive: Active

Market Value: \$6.7 million

Portfolio Manager: Hanna H. Strasser

Location: Greenwich, Connecticut

**Inception Date:** 12/1/2012 **Account Type:** Commingled



#### Fee Schedule:

0.30% on all assets

#### **Liquidity Constraints:**

Daily

#### Strategy:

SKY Harbor's strategy is income oriented and is based on the understanding that the largest component of high yield bond returns comes from coupon return. At the same time, the strategy seeks to minimize defaults through credit analysis and a top-down assessment of the economic and credit cycle. SKY Harbor segments the universe not only by industry but also by yield. They believe that credits trading with higher yields have more equity-like risk and those trading at lower yields are more exposed to bond-like risk (e.g., interest rate risk). Their exposure to these segments of the high yield market will be driven by credit analysis and their assessment of the economic and credit cycle.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 12/1/12
SKY Harbor Broad High Yield Market	2.1	-3.8	-3.2	1.8	3.1
Net of Fees	2.0	-4.2	-3.7	1.2	2.5
Barclays High Yield	3.4	-3.7	-3.7	1.8	3.0
Peer High Yield	2.6	-3.3	-2.7	2.4	3.4
Peer Ranking (percentile)	65	57	56	68	68
Risk: (forty months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
SKY Harbor Broad High Yield Market	5.4%	0.91	0.55	0.04	0.98
Barclays High Yield	5.9	1.00	0.50	NA	1.00

	- 1 -	1/16	12/31/15		
Duration & Yield:	Sky Harbor High Yield	Barclays High Yield	Sky Harbor High Yield	Barclays High Yield	
Average Effective Duration (years) Yield to Maturity (%)	4.4 8.1	4.2 8.2	4.5 8.6	4.3 8.7	
Quality Structure (%):					
Average Quality	В	В	В	В	
AAA (includes Treasuries and Agencies)	0	0	0	0	
AA	0	0	0	0	
A	0	0	0	0	
BBB	2	0	2	0	
BB	35	46	34	46	
В	43	38	43	40	
Below B	19	16	20	14	
Non-Rated	0	0	0	0	
Sector Allocation (%):					
U.S. Treasury-Nominal	0	0	0	0	
U.S. Treasury-TIPS	0	0	0	0	
U.S. Agency	0	0	0	0	
Mortgage Backed	0	0	0	0	
Corporate	99	100	98	100	
Bank Loans	0	0	0	0	
Local & Provincial Government	0	0	0	0	
Sovereign & Supranational	0	0	0	0	
Commercial Mortgage Backed	0	0	0	0	
Asset Backed	0	0	0	0	
Cash Equivalent	1	0	2	0	
Other	0	0	0	0	
Market Allocation (%):					
United States	88	82	88	82	
Foreign (developed markets)	11	18	12	18	
Foreign (emerging markets)	1	0	0	0	
Currency Allocation (%):					
Non-U.S. Dollar Exposure	0	0	0	0	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



### Summit Partners Credit Fund II Portfolio Detail as of 3/31/16

Strategy: High Yield

Senior Professionals: Team

**Location:** Boston, Massachusetts

Vintage Year: 2011

Fee Schedule: 1.5% management fee; 20% carried

nterest

Commitment: \$2.3 million

Capital Contributions: \$1.1 million

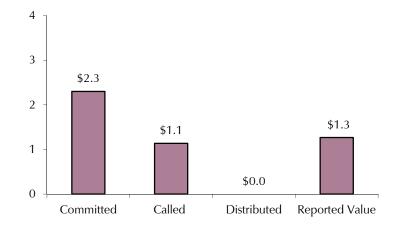
Outstanding Commitment: \$1.2 million

**Realized Proceeds:** \$0.0 million

**Reported Value:** \$1.3 million

Number of Investments<sup>1</sup>: 8

Net IRR<sup>1</sup>: - 1.0%



#### **Investment Strategy:**

Summit Partners Credit Fund II ("Fund II" or the "Fund") will invest in middle market companies through directly originated, senior secured (first or second lien) loans. When in a second lien position, Summit prefers to be junior to an asset-backed loan from a bank, and ideally a senior lender that it has brought into the transaction itself, often by syndicating a portion of unitranche loan at a lower rate while keeping a portion for itself at a much higher effective interest rate. The Fund will target middle market companies of scale that have stable and recurring revenue, while avoiding highly cyclical companies with high CAPEX requirements. Borrowers' use of proceeds will vary and may include acquisition capital, working capital, or refinancing capital. The Fund will seek to reduce repayment risk through call protections and will seek upside through penny warrants.

<sup>&</sup>lt;sup>1</sup> Data presented is as of December 31, 2015.



# Bank Loans Portfolio Review as of 3/31/16

### Bank Loans Portfolio Review As of March 31, 2016



Int.

High

Low

Medium

### **Beach Point Leveraged Loan Portfolio Detail as of 3/31/16**

**Mandate:** Fixed Income

Active/Passive: Active

Market Value: \$5.1 million

Portfolio Manager: Scott M. Klein

William Kozicki Carl H. Goldsmith

**Location:** Santa Monica, California

**Inception Date:** 4/1/2012 **Account Type:** Commingled

Fee Schedule:

0.65% on all assets

**Liquidity Constraints:** 

Quarterly

#### Strategy:

The Beach Point Leveraged Loan fund has the primary investment objective of achieving a risk-adjusted high rate of return through investments in secured corporate loans of below investment grade companies supplemented by investments in other below investment grade instruments. A significant portion of the portfolio will be invested in first lien secured loans. The Loan fund may also opportunistically invest in DIP loans, second lien loans, floating rate notes, high yield bonds, and short-term bonds. The Loan fund has a long bias and the majority of investments are floating rate. The geographical market focus is predominantly U.S., although the Loan fund has exposure to securities of foreign issuers, typically located in Canada and Western Europe.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 4/1/12
Beach Point Leveraged Loan Net of Fees	2.0 1.9	2.0 1.5	2.7 2.0	4.0 3.3	5.6 5.0
CSFB Leveraged Loan	1.3	-1.9	-1.1	2.2	3.7

Risk: (forty-eight months)	Standard Deviation	Beta	Sharpe Measure	Info. Ratio	Correlation to Index
Beach Point Leveraged Loan	2.0%	0.71	2.81	1.85	0.92
CSFB Leveraged Loan	2.5	1.00	1.44	NA	1.00

	3/31	, -	12/31/15		
	Beach Point	CSFB	Beach Point	CSFB	
	Leveraged	Leveraged	Leveraged	Leveraged	
Duration & Yield:	Loan	Loan	Loan	Loan	
Average Effective Duration (years)	1.2	0.3	0.8	0.3	
Yield to Maturity (%)	5.7	4.8	6.4	4.9	
Quality Structure (%):					
Average Quality	B+	B+	B+	B+	
AAA (includes Treasuries and Agencies)	0	0	0	0	
AA	0	0	0	0	
A	0	0	0	0	
BBB	6	0	1	0	
BB	33	39	47	36	
В	56	57	46	57	
Below B	4	2	5	5	
Non-Rated	1	2	1	2	
Sector Allocation (%):					
U.S. Treasury-Nominal	0	0	0	0	
U.S. Treasury-TIPS	0	0	0	0	
U.S. Agency	0	0	0	0	
Mortgage Backed	0	0	0	0	
Corporate	22	0	18	0	
Bank Loans	78	100	82	100	
Local & Provincial Government	0	0	0	0	
Sovereign & Supranational	0	0	0	0	
Commercial Mortgage Backed	0	0	0	0	
Asset Backed	0	0	0	0	
Cash Equivalent	0	0	0	0	
Other	0	0	0	0	
Market Allocation (%):					
United States	77	100	80	100	
Foreign (developed markets)	23	0	20	0	
Foreign (emerging markets)	0	0	0	0	
Currency Allocation (%):					
Non-U.S. Dollar Exposure	2	0	2	0	
11011 C.S. Dollar Exposure	4	U	_	U	

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



# **Emerging Markets Debt Portfolio Review As of March 31, 2016**



# **Stone Harbor Emerging Markets Local Currency Debt Portfolio Detail as of 3/31/16**

Mandate: Fixed Income

Active/Passive: Active

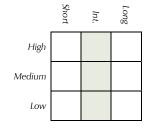
Market Value: \$3.3 million

Portfolio Manager: Team

**Location:** New York, New York

**Inception Date:** 6/1/2012

Account Type: Mutual Fund (SHLMX)



#### Fee Schedule:

0.89% on all assets

#### **Liquidity Constraints:**

Daily

#### Strategy:

Stone Harbor believes that investing in a diversified portfolio of emerging markets local currency instruments will result in strong, long-term performance. The investment team monitors the emerging markets universe for improving credit quality opportunities and undervalued currencies with high real return potential. The active investment management approach is characterized by fundamental credit analysis. The investment process emphasizes country selection based on intensive economic and political analysis as well as a rigorous analytical approach to currency, sector, and security selection.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	3 YR	Since 6/1/12
Stone Harbor Emerging Markets Local Currency Debt <sup>2</sup>	10.5	-2.7	-3.3	-9.0	-4.3
JPM GBI-EM Global Diversified (unhedged)	11.0	-0.7	-1.6	-6.7	-1.8
Peer Emerging Market Debt	4.8	0.3	0.1	-1.0	2.1
Peer Ranking (percentile)	1	81	83	95	94

Risk: (forty-six months)	Standard Deviation	Beta	Sharpe Measure <sup>3</sup>	Info. Ratio	Correlation to Index
Stone Harbor Emerging Markets Local Currency Debt	11.4%	1.03	Neg.	Neg.	0.99
JPM GBI-EM Global Diversified (unhedged)	11.2	1.00	Neg.	NA	1.00

Duration & Yield:	3/31 Stone Harbor EM Local Debt	J/16 JPM GBI-EM Global Diversified (unhedged)	12/3 Stone Harbor EM Local Debt	1/15 JPM GBI-EM Global Diversified (unhedged)
Average Effective Duration (years) Yield to Maturity (%)	5.2 7.4	4.9 6.5	5.4 9.1	4.8 7.1
Quality Structure (%):				
Average Quality AAA (includes Treasuries and Agencies) AA A BBB BB BB B Below B Non-Rated	BBB+ 4 0 36 47 13 0 0	BBB 0 0 39 45 16 0 0	BBB+ 0 0 36 60 1 0 2	BBB+ 0 0 41 59 0 0
Sector Allocation (%):				
U.S. Treasury-Nominal U.S. Treasury-TIPS U.S. Agency Mortgage Backed Corporate Bank Loans Local & Provincial Government Sovereign & Supranational Commercial Mortgage Backed Asset Backed Cash Equivalent Other	0 0 0 0 0 0 0 97 0 0 3	0 0 0 0 0 0 0 0 100 0 0	0 0 0 0 0 0 0 0 100 0 0	0 0 0 0 0 0 0 100 0 0
Market Allocation (%):				
United States Foreign (developed markets) Foreign (emerging markets)	0 0 100	0 0 100	0 0 100	0 0 100
Currency Allocation (%):				
Non-U.S. Dollar Exposure	100	100	99	100

<sup>&</sup>lt;sup>3</sup> A negative Sharpe ratio indicates that the portfolio underperformed the risk-free rate during the sample period.



<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.

<sup>\*</sup> Net of fees

# Real Estate Portfolio Reviews as of 3/31/16

### Real Estate Portfolio Reviews As of March 31, 2016



## A.E.W Core Property Trust Portfolio Detail as of 3/31/16

**Strategy:** Real Estate

Open-End

Core

Market Value: \$5.7 million

Senior Professionals: Team

**Location:** Boston, Massachusetts

**Inception Date:** 7/1/2013

Account Type: Separately Managed

# of Investments: 62

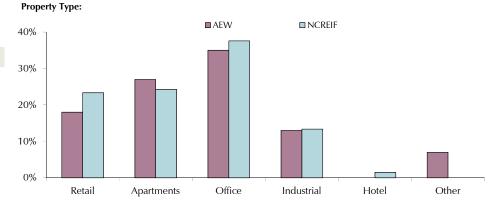
Liquidity Constraints: Quarterly

Fee Schedule: 1.10% on first \$10 mm; 1.00% on next \$15 mm

IRR: 10.3%

Geogra	phic Region:			
50% -		■AEW	□NCREIF	
40% -				
30% -				
20% -				
10% -				
0%	Fast	West	Midwest	South

Performance (%):	1Q16	Fiscal YTD	1 YR	Since 7/1/13
A.E.W Core Property Trust	1.9	NA	12.3	11.8
NCREIF ODCE	2.2	NA	13.7	8.8



#### **Investment Strategy:**

AEW employs leverage that is in-line with NFI-ODCE and currently has 10% of the net asset value in non-core investements, but in an investment with primarily core characteristics (mezzanine loan). The strategy invests mostly in the East and South, with significantly less exposure to the Midwest.



### Vanguard REIT Index Portfolio Detail as of 3/31/16

Mandate: Real Estate

Public REIT

Domestic Equities

Active/Passive: Passive

Market Value: \$5.3 million

**Portfolio Manager:** Gerard C. O'Reilly

**Location:** Valley Forge, Pennsylvania

Inception Date: 3/1/2014

Account Type: Mutual Fund (VGSLX)

Fee Schedule:

0.08% on all assets

**Liquidity Constraints:** 

Daily

Strategy:

The Vanguard REIT Index fund seeks to replicate the characteristics and performance of the MSCI U.S. Real Estate index, which represents approximately 85% of the U.S. REIT universe. The fund invests in stocks issued by real estate investment trusts (REITs), companies that purchase office buildings, hotels, and other real property.

Performance (%):	1Q16	Fiscal YTD¹	1 YR	Since 3/1/14
Vanguard REIT Index	6.3	16.1	3.9	13.3
MSCI U.S. REIT	6.3	16.2	4.1	13.4
Peer Real Estate	5.3	15.7	4.6	14.4
Peer Ranking (percentile)	11	43	74	79

	3/3	1/16	12/3	1/15
	Vanguard	MSCI U.S.	Vanguard	MSCI U.S.
Capitalization Structure:	REIT Index	REIT	REIT Index	REIT
Weighted Average Market Cap. (US\$ billion)	17.9	27.1	17.0	25.5
Median Market Cap. (US\$ billion)	2.6	13.0	2.5	12.8
· · · · · · · · · · · · · · · · · · ·	2.4		20	
Large (% over US\$20 billion)	34 50	60 40	29 54	50 50
Medium (% US\$3 billion to US\$20 billion) Small (% under US\$3 billion)	30 16	40 0	54 16	0
Sman (% under OS\$3 billion)	16	0	10	U
Fundamental Structure:				
Price-Earnings Ratio	37	40	34	41
Price-Book Value Ratio	2.0	2.6	1.9	2.6
Dividend Yield (%)	4.0	3.7	4.1	3.8
Historical Earnings Growth Rate (%)	22	22	19	20
Projected Earnings Growth Rate (%)	3	6	5	6
Diversification:				
Number of Holdings	150	35	152	35
% in 5 largest holdings	23	34	24	35
% in 10 largest holdings	37	54	37	54
Largest Ten Holdings:		Industry		
Circum Danas antis Consum	0.2	Real Estate		
Simon Property Group Public Storage	8.3 5.2	Real Estate		
Equity Residential REIT	3.5	Real Estate		
AvalonBay Communities	3.3	Real Estate		
Health Care REIT	3.2	Real Estate		
Prologis	3.0	Real Estate		
Equinix	2.8	Real Estate		
Ventas	2.7	Real Estate		
Boston Properties	2.5	Real Estate		
General Gw.Props.	2.2	Real Estate		
-				

<sup>&</sup>lt;sup>1</sup> Fiscal Year begins July 1.



## DRA Growth and Income Fund VIII, LLC Portfolio Detail as of 3/31/16

Strategy: Real Estate Closed-End

Value-Added

Market Value<sup>1</sup>: \$2.5 million

Senior Professionals: Team

**Location:** New York, New York

Vintage Year: 2014

Account Type: Limited Partnership

# of Investments<sup>1</sup>: 93

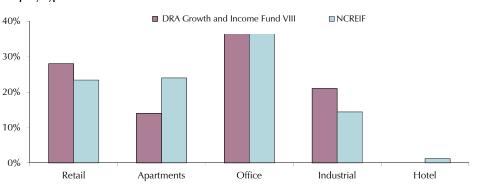
**Fee Schedule:** 0.90% on gross cost during investment period; 0.60% thereafter; 8% preferred return and 0

20% carried interest

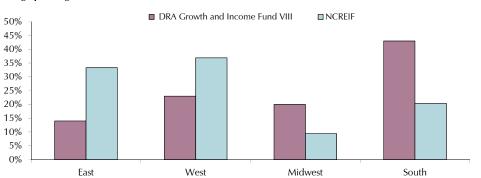
IRR<sup>1</sup>: 14.1%



### Property Type:



#### Geographic Region:



#### **Investment Strategy:**

Fund VIII will invest in a diversified portfolio of office, retail, multi-family, industrial and other real-estate related properties and assets across the United States and its territories. The Company will seek to generate an attractive return to investors of 12-15%, net of fees, expenses and carried interest, and a significant portion of this return is expected to be from cash flow. Fund VIII will attempt to capitalize on inefficiencies in real estate markets to acquire high quality operating assets at discounts to replacement cost. Such inefficiencies can result from (i) taking advantage of sellers' strategic or financial motivations, (ii) investing in markets or properties that are perceived as out of favor by other investors, (iii) leveraging DRA's industry relationships with both private and public joint venture partners to access deals, and (iv) utilizing DRA's financial experience and resources to exploit pricing inefficiencies in complex transactions.

<sup>&</sup>lt;sup>1</sup> Net IRR is as of December 31, 2015.

