

### **VPIC - Municipal Employees**

Investment Summary Quarter Ending June 30, 2013

One Main Street, Cambridge, MA 02142 | TEL: 617.374.1300 | FAX: 617.374.1313 | www.nepc.com CAMBRIDGE | ATLANTA | CHARLOTTE | CHICAGO | DETROIT | LAS VEGAS | SAN FRANCISCO





### Total Fund Performance Summary

|                            | Market Value  | 3 Mo  | Rank | YTD  | Rank | Fiscal<br>YTD | Rank | 1 Yr  | Rank | 3 Yrs | Rank | 5 Yrs | Rank |
|----------------------------|---------------|-------|------|------|------|---------------|------|-------|------|-------|------|-------|------|
| Municipal Composite        | \$450,484,527 | -2.3% | 98   | 1.4% | 94   | 8.8%          | 90   | 8.8%  | 90   | 10.5% | 56   | 5.5%  | 46   |
| Policy Index               |               | -1.5% | 93   | 1.5% | 93   | 7.9%          | 94   | 7.9%  | 94   | 8.8%  | 88   | 4.4%  | 80   |
| Allocation Index           |               | -1.3% | 89   | 2.0% | 92   | 8.5%          | 93   | 8.5%  | 93   | 8.9%  | 86   | 4.7%  | 73   |
| IFx Public DB Gross Median |               | 0.0%  |      | 5.2% |      | 11.7%         |      | 11.7% |      | 10.8% |      | 5.4%  |      |

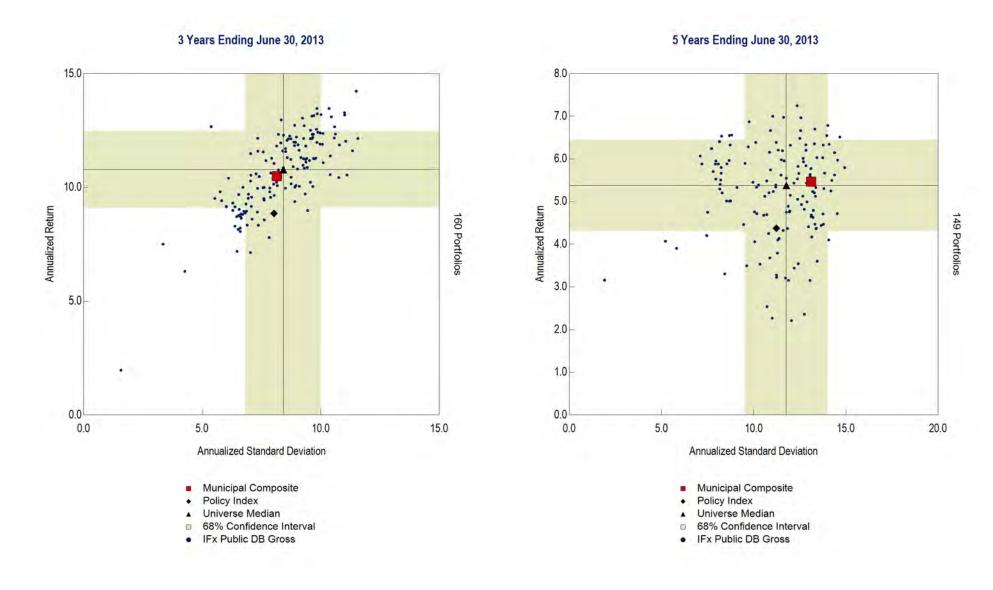
| 3 Years Ending June 30, 2013 |           |      |               |      |              |      |                  |      |  |  |  |
|------------------------------|-----------|------|---------------|------|--------------|------|------------------|------|--|--|--|
|                              | AnIzd Ret | Rank | Anlzd Std Dev | Rank | Sharpe Ratio | Rank | Sortino Ratio RF | Rank |  |  |  |
| Municipal Composite          | 10.48%    | 56   | 8.16%         | 46   | 1.28         | 51   | 2.02             | 27   |  |  |  |
| Policy Index                 | 8.84%     | 88   | 8.03%         | 41   | 1.09         | 91   | 1.77             | 64   |  |  |  |

| 5 Years Ending June 30, 2013 |           |      |               |      |              |      |                  |      |  |  |  |
|------------------------------|-----------|------|---------------|------|--------------|------|------------------|------|--|--|--|
|                              | AnIzd Ret | Rank | AnIzd Std Dev | Rank | Sharpe Ratio | Rank | Sortino Ratio RF | Rank |  |  |  |
| Municipal Composite          | 5.46%     | 46   | 13.12%        | 77   | 0.40         | 62   | 0.44             | 72   |  |  |  |
| Policy Index                 | 4.37%     | 80   | 11.23%        | 42   | 0.37         | 73   | 0.44             | 71   |  |  |  |

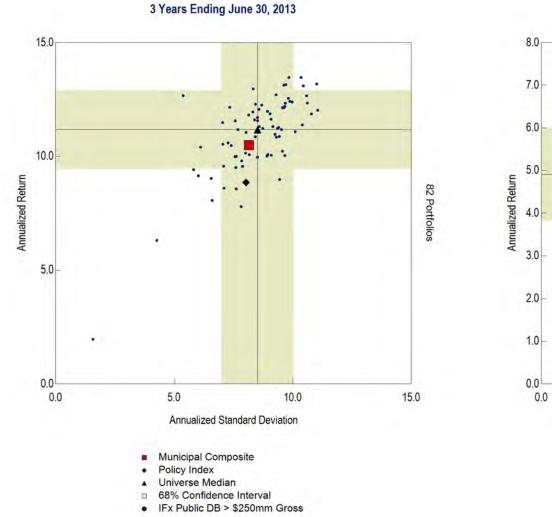




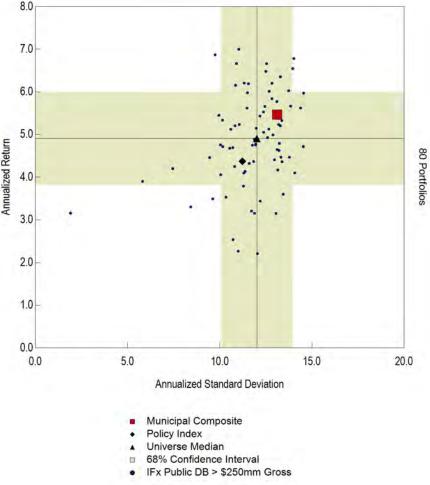
## Total Fund Risk/Return



# Total Fund Risk/Return

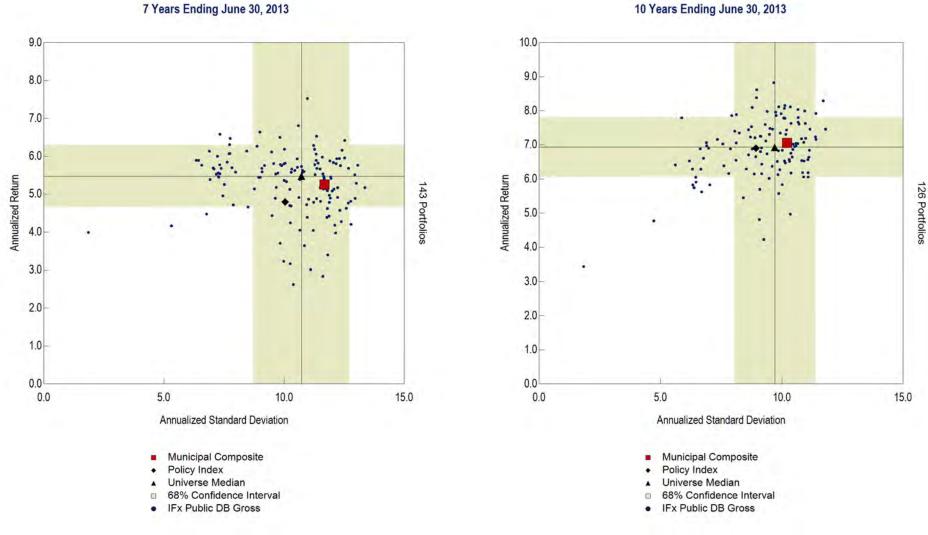


5 Years Ending June 30, 2013





### Total Fund Risk/Return







#### 7 Years Ending June 30, 2013 10 Years Ending June 30, 2013 7.0 10.0 9.0 6.0 8.0 5.0 7.0 6.0 Annualized Return Annualized Return 4.0 77 Portfolios 5.0 ٠ 3.0 4.0 3.0 2.0 2.0 1.0 1.0-0.0 0.0 5.0 15.0 5.0 0.0 10.0 0.0 10.0 Annualized Standard Deviation Annualized Standard Deviation Municipal Composite Municipal Composite Policy Index Policy Index ٠ ٠ Universe Median Universe Median ٠ . 68% Confidence Interval 68% Confidence Interval IFx Public DB > \$250mm Gross IFx Public DB > \$250mm Gross • •



15.0

73 Portfolios

20.0%

2.8%

18.9%

4.4% 3.7%

00

5.9%

6.7% 20

4.4%

4.8%

## Total Fund Asset Allocation vs. Policy Targets

| Policy | Current        | Actual |   | Asset Allocation          | n vs. Targe | t       |             |              |
|--------|----------------|--------|---|---------------------------|-------------|---------|-------------|--------------|
|        |                |        |   | Current                   | Policy      | Current | Difference* | Difference** |
| 10.0%  |                |        | Large Cap Equity  | \$56,717,941              | 10.0%       | 12.6%   | 2.6%        | \$11,669,488 |
| 10.075 | 12,6%          | 13.3%  | Small/Mid Cap Equity  | \$35,149,537              | 6.5%        | 7.8%    | 1.3%        | \$5,868,043  |
|        |                |        | International Equity  | \$48,174,817              | 10.0%       | 10.7%   | 0.7%        | \$3,126,364  |
| 6.5%   |                |        | Emerging Markets Equity   | \$25,196,755              | 6.0%        | 5.6%    | -0.4%       | -\$1,832,317 |
| -      | 7.8%           | 8.2%   | High Yield  | \$18,161,066              | 4.0%        | 4.0%    | 0.0%        | \$141,685    |
| 10.0%  |                |        | TIPS  | \$11,875,871              | 3.0%        | 2.6%    | -0.4%       | -\$1,638,664 |
| 10.078 | (Tamp)         | r      | Diversified Bond  | \$78,459,423              | 18.0%       | 17.4%   | -0.6%       | -\$2,627,792 |
|        | 10.7%          | 13.6%  | Emerging Market Debt  | \$20,839,037              | 5.0%        | 4.6%    | -0.4%       | -\$1,685,190 |
| 6.0%   |                | 10,0%  | Global Bonds  | \$12,401,858              | 3.0%        | 2.8%    | -0.2%       | -\$1,112,678 |
| 4.0%   | 5.6%           |        | Balanced - GAA  | \$85,144,235              | 20.0%       | 18.9%   | -1.1%       | -\$4,952,671 |
| 3.0%   |                | 6.8%   | Private Equity  | \$1,247,643               | 1.0%        | 0.3%    | -0.7%       | -\$3,257,203 |
| 0.070  | 4.0%           | 0.6%   | Hedge Funds   | \$20,633,254              | 5.0%        | 4.6%    | -0.4%       | -\$1,890,972 |
|        | 2.6%           | 5.2%   | Real Estate   | \$19,712,456              | 4.5%        | 4.4%    | -0.1%       | -\$559,348   |
| 10.000 |                |        | Commodities   | \$16,552,970              | 4.0%        | 3.7%    | -0.3%       | -\$1,466,411 |
| 18.0%  | and the second | 3.5%   | Cash  | \$217,665                 |             | 0.0%    | 0.0%        | \$217,665    |
|        | 17.4%          |        | Total   | \$450,484,527             | 100.0%      | 100.0%  |             |              |
| 5.0%   |                | 21.5%  | *Difference between Policy and Current Allow<br>**Difference between Policy and Current Allow |                           |             |         |             |              |
| 3.0%   | 4.6%           | 211070 | `Actual' allocation graph represents look three   | ough to the GAA managers. |             |         |             |              |

`Actual' allocation graph represents look through to the GAA managers.

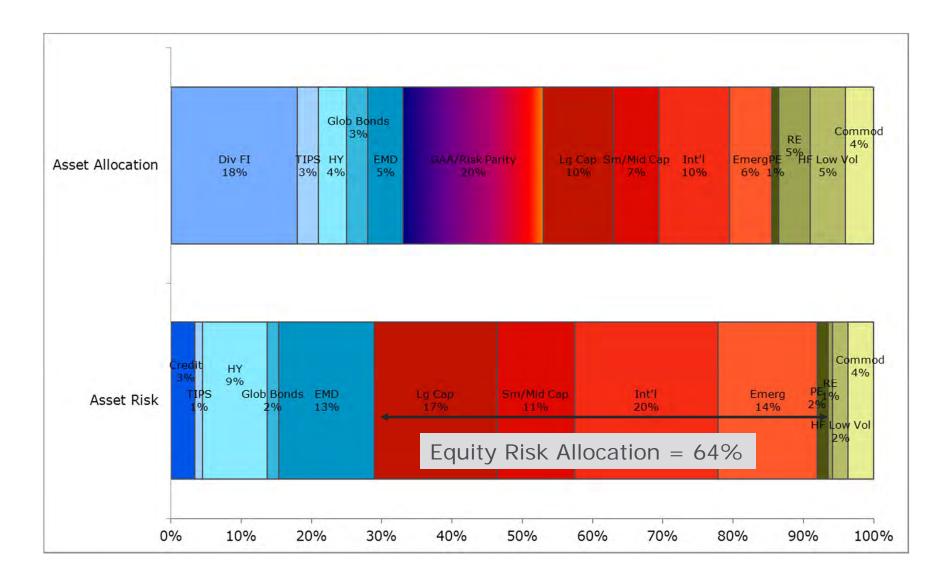


4.5%

4.0%

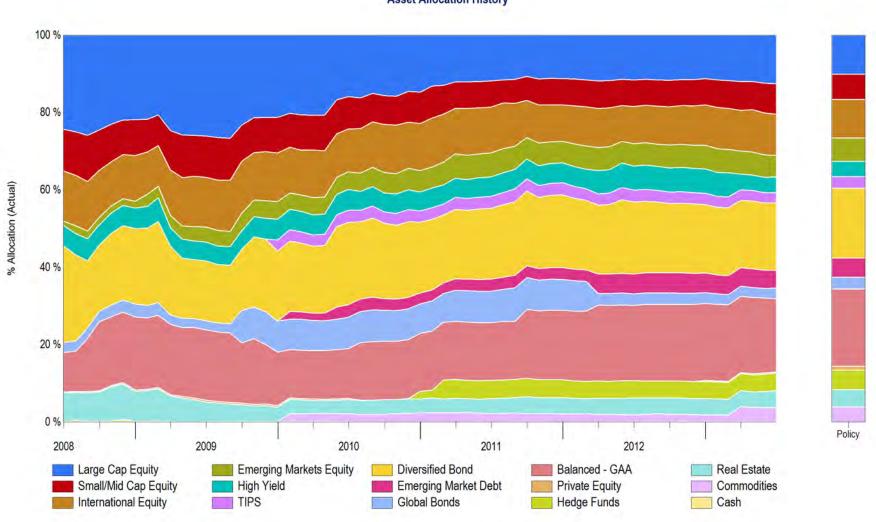


### Total Plan Performance Analysis





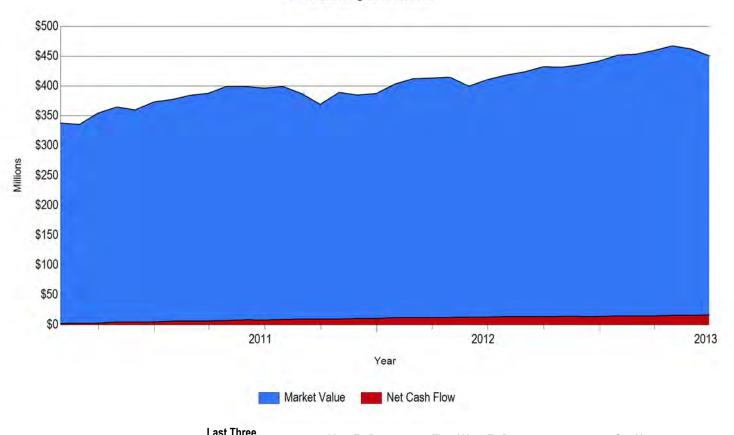
#### Total Fund Asset Allocation History



Asset Allocation History



### Total Fund Asset Growth Summary



3 Years Ending June 30, 2013

|                         | Last Three<br>Months | Year-To-Date  | Fiscal Year-To-Date | One Year      | Three Years    |
|-------------------------|----------------------|---------------|---------------------|---------------|----------------|
| Beginning Market Value  | \$459,479,296        | \$441,872,094 | \$410,567,350       | \$410.567.350 | \$320,727,642  |
| - Withdrawals           | -\$421.175           | -\$11,925,184 | -\$17,880,768       | -\$17,880,768 | -\$254,799,270 |
| + Contributions         | \$2,017,909          | \$14,429,280  | \$21,483,184        | \$21,483,184  | \$271,305,330  |
| = Net Cash Flow         | \$1,596,734          | \$2,504,096   | \$3,602,416         | \$3,602,416   | \$16,506,061   |
| + Net Investment Change | -\$10,591,503        | \$6,108,337   | \$36,314,761        | \$36,314,761  | \$113,250,824  |
| = Ending Market Value   | \$450,484,527        | \$450,484,527 | \$450,484,527       | \$450,484,527 | \$450,484,527  |



# Municipal Composite

|                 |                           | 9 Months         | 9 Months Ending June 30, 2013 |               |                          |                        |  |  |  |  |  |  |  |  |  |
|-----------------|---------------------------|------------------|-------------------------------|---------------|--------------------------|------------------------|--|--|--|--|--|--|--|--|--|
| Month<br>Ending | Beginning<br>Market Value | Withdrawals      | Contributions                 | Net Cash Flow | Net Investment<br>Change | Ending<br>Market Value |  |  |  |  |  |  |  |  |  |
| Oct-12          | \$432,316,923.83          | -\$18,198.13     | \$500,000.00                  | \$481,801.87  | -\$1,148,078.42          | \$431,650,647.28       |  |  |  |  |  |  |  |  |  |
| Nov-12          | \$431,650,647.28          | -\$4,519,477.23  | \$4,500,000.00                | -\$19,477.23  | \$3,949,852.80           | \$435,581,022.85       |  |  |  |  |  |  |  |  |  |
| Dec-12          | \$435,581,022.85          | -\$1,313,721.28  | \$1,234,660.76                | -\$79,060.52  | \$6,370,131.42           | \$441,872,093.75       |  |  |  |  |  |  |  |  |  |
| Jan-13          | \$441,872,093.75          | -\$1,206,740.27  | \$2,190,637.00                | \$983,896.73  | \$9,073,709.42           | \$451,929,699.90       |  |  |  |  |  |  |  |  |  |
| Feb-13          | \$451,929,699.90          | -\$19,996.22     | \$0.00                        | -\$19,996.22  | \$1,247,562.62           | \$453,157,266.30       |  |  |  |  |  |  |  |  |  |
| Mar-13          | \$453,157,266.30          | -\$10,277,272.28 | \$10,220,733.92               | -\$56,538.36  | \$6,378,568.36           | \$459,479,296.30       |  |  |  |  |  |  |  |  |  |
| Apr-13          | \$459,479,296.30          | -\$107,121.36    | \$1,097,672.90                | \$990,551.54  | \$6,929,738.42           | \$467,399,586.26       |  |  |  |  |  |  |  |  |  |
| May-13          | \$467,399,586.26          | -\$19,916.09     | \$0.00                        | -\$19,916.09  | -\$5,200,516.85          | \$462,179,153.32       |  |  |  |  |  |  |  |  |  |
| Jun-13          | \$462,179,153.32          | -\$294,137.38    | \$920,235.84                  | \$626,098.46  | -\$12,320,725.03         | \$450,484,526.75       |  |  |  |  |  |  |  |  |  |





# Total Fund Asset Growth Summary by Manager

|  |                           |             | Quarter Ending June 30, 2013<br>Net Investment |               |                          |                        |  |  |  |  |  |
|--|---------------------------|-------------|--|---------------|--------------------------|------------------------|--|--|--|--|--|
|  | Beginning<br>Market Value | Withdrawals | Contributions                                  | Net Cash Flow | Net Investment<br>Change | Ending<br>Market Value |  |  |  |  |  |
| Aberdeen                                     | \$27,400,789              | \$0         | \$0  | \$0           | -\$2,204,035             | \$25,196,755           |  |  |  |  |  |
| Acadian                                      | \$19,752,962              | \$0         | \$0  | \$0           | -\$230,598               | \$19,522,364           |  |  |  |  |  |
| Allianz Structured Alpha                     | \$10,981,011              | \$0         | \$0  | \$0           | -\$384,123               | \$10,596,888           |  |  |  |  |  |
| AQR Global Risk Premium                      | \$37,101,216              | \$0         | \$0  | \$0           | -\$3,710,334             | \$33,390,882           |  |  |  |  |  |
| BlackRock TIPS                               | \$12,785,409              | \$0         | \$0  | \$0           | -\$909,538               | \$11,875,871           |  |  |  |  |  |
| Champlain                                    | \$10,337,195              | \$0         | \$0  | \$0           | \$198,138                | \$10,535,334           |  |  |  |  |  |
| GAM  | \$4,039,827               | \$0         | \$0  | \$0           | \$137,651                | \$4,177,478            |  |  |  |  |  |
| Grosvenor                                    | \$8,005,286               | \$0         | \$0  | \$0           | \$155,551                | \$8,160,837            |  |  |  |  |  |
| Harbourvest Dover VIII Fund                  | \$461,182                 | \$0         | \$0  | \$0           | \$0                      | \$461,182              |  |  |  |  |  |
| Harbourvest Partners IX Buyout Fund          | \$448,539                 | \$0         | \$0  | \$0           | \$0                      | \$448,539              |  |  |  |  |  |
| Harbourvest Partners IX Credit Opportunities | \$81,902                  | \$0         | \$0  | \$0           | \$0                      | \$81,902               |  |  |  |  |  |
| Harbourvest Partners IX Venture Fund         | \$256,020                 | \$0         | \$0  | \$0           | \$0                      | \$256,020              |  |  |  |  |  |
| KDP  | \$4,482,617               | \$0         | \$0  | \$0           | -\$62,294                | \$4,420,323            |  |  |  |  |  |
| Mellon Global Expanded Alpha                 | \$8,926,506               | \$0         | \$0  | \$0           | -\$167,232               | \$8,759,274            |  |  |  |  |  |
| Mondrian                                     | \$18,852,018              | \$0         | \$0  | \$0           | \$323,682                | \$19,175,701           |  |  |  |  |  |
| Mondrian GFI                                 | \$11,948,797              | \$0         | \$900,000                                      | \$900,000     | -\$446,940               | \$12,401,858           |  |  |  |  |  |
| Morgan Stanley Prime Property                | \$8,106,655               | \$0         | \$0  | \$0           | \$443,629                | \$8,550,283            |  |  |  |  |  |
| Permal                                       | \$8,224,700               | \$0         | \$0  | \$0           | \$70,239                 | \$8,294,939            |  |  |  |  |  |
| PIMCO All Asset                              | \$26,960,313              | \$0         | \$0  | \$0           | -\$1,129,140             | \$25,831,172           |  |  |  |  |  |
| PIMCO Core Plus                              | \$29,420,181              | \$0         | \$0  | \$0           | -\$874,517               | \$28,545,664           |  |  |  |  |  |
| PIMCO Unconstrained                          | \$28,471,089              | \$0         | \$1,000,000                                    | \$1,000,000   | -\$570,733               | \$28,900,356           |  |  |  |  |  |
| Post Advisory                                | \$13,842,065              | \$0         | \$0  | \$0           | -\$101,321               | \$13,740,743           |  |  |  |  |  |
| RREEF America REIT III                       | \$3,324,134               | -\$86,713   | \$0  | -\$86,713     | \$160,054                | \$3,397,476            |  |  |  |  |  |
| Schroder                                     | \$17,984,275              | \$0         | \$0  | \$0           | -\$1,431,305             | \$16,552,970           |  |  |  |  |  |
| SSgA ACWI Ex US                              | \$9,767,861               | \$0         | \$0  | \$0           | -\$291,109               | \$9,476,752            |  |  |  |  |  |



# Total Fund Asset Growth Summary by Manager

|                              |                           | Quarter Ending June 30, 2013 |               |               |                          |                        |  |  |  |  |  |  |  |
|------------------------------|---------------------------|------------------------------|---------------|---------------|--------------------------|------------------------|--|--|--|--|--|--|--|
|                              | Beginning<br>Market Value | Withdrawals                  | Contributions | Net Cash Flow | Net Investment<br>Change | Ending<br>Market Value |  |  |  |  |  |  |  |
| SSgA Russell 2000 Growth     | \$10,244,670              | \$0                          | \$0           | \$0           | \$383,762                | \$10,628,432           |  |  |  |  |  |  |  |
| SSgA S&P 400                 | \$2,999,851               | \$0                          | \$0           | \$0           | \$33,432                 | \$3,033,284            |  |  |  |  |  |  |  |
| SSgA S&P 500 Cap-Wgt         | \$23,635,967              | \$0                          | \$0           | \$0           | \$692,455                | \$24,328,422           |  |  |  |  |  |  |  |
| SSgA S&P 500 Equal-Wgt       | \$15,749,400              | \$0                          | \$0           | \$0           | \$515,275                | \$16,264,674           |  |  |  |  |  |  |  |
| T. Rowe                      | \$15,641,037              | \$0                          | \$0           | \$0           | \$483,807                | \$16,124,845           |  |  |  |  |  |  |  |
| Transwestern / Aslan III     | \$123,394                 | -\$21,267                    | \$0           | -\$21,267     | \$7,405                  | \$109,531              |  |  |  |  |  |  |  |
| UBS Trumbull                 | \$7,406,435               | \$0                          | \$20,236      | \$20,236      | \$228,494                | \$7,655,165            |  |  |  |  |  |  |  |
| Vermont Cash                 | \$318,538                 | -\$198,556                   | \$97,673      | -\$100,883    | \$9                      | \$217,665              |  |  |  |  |  |  |  |
| Wellington                   | \$10,722,379              | \$0                          | \$0           | \$0           | \$230,109                | \$10,952,488           |  |  |  |  |  |  |  |
| Wellington DAS               | \$10,890,968              | \$0                          | \$0           | \$0           | -\$474,453               | \$10,416,515           |  |  |  |  |  |  |  |
| Wellington OIF               | \$17,599,186              | \$0                          | \$0           | \$0           | -\$436,280               | \$17,162,907           |  |  |  |  |  |  |  |
| Wellington Opportunistic EMD | \$22,184,922              | \$0                          | \$0           | \$0           | -\$1,345,885             | \$20,839,037           |  |  |  |  |  |  |  |
| Total                        | \$459,479,296             | -\$306,536                   | \$2,017,909   | \$1,711,373   | -\$10,706,143            | \$450,484,527          |  |  |  |  |  |  |  |



# Total Fund Performance Detail

|  | Market Value<br>(\$) | % of<br>Portfolio | 2013<br>Q2<br>(%) | Rank | YTD<br>(%) | Rank | 1 Yr<br>(%) | Rank | 3 Yrs<br>(%) | Rank | 5 Yrs<br>(%) | Rank |
|--|----------------------|-------------------|-------------------|------|------------|------|-------------|------|--------------|------|--------------|------|
| Municipal Composite                        | 450,484,527          | 100.0             | -2.3              | 98   | 1.4        | 94   | 8.8         | 90   | 10.5         | 56   | 5.5          | 46   |
| Policy Index                               |                      |                   | -1.5              | 93   | 1.5        | 93   | 7.9         | 94   | 8.8          | 88   | 4.4          | 80   |
| Allocation Index                           |                      |                   | -1.3              | 89   | 2.0        | 92   | 8.5         | 93   | 8.9          | 86   | 4.7          | 73   |
| IFx Public DB Gross Median                 |                      |                   | 0.0               |      | 5.2        |      | 11.7        |      | 10.8         |      | 5.4          |      |
| Large Cap Comp                             | 56,717,941           | 12.6              | 3.1               | 44   | 14.5       | 38   | 22.4        | 39   | 18.9         | 30   | 8.4          | 24   |
| S&P 500                                    |                      |                   | 2.9               | 49   | 13.8       | 48   | 20.6        | 52   | 18.5         | 41   | 7.0          | 53   |
| eA US Large Cap Equity Gross Median        |                      |                   | 2.8               |      | 13.6       |      | 20.8        |      | 17.9         |      | 7.2          |      |
| T. Rowe                                    | 16,124,845           | 3.6               | 3.1               | 43   | 13.9       | 47   | 21.1        | 47   | 18.5         | 41   | 7.4          | 46   |
| SSgA S&P 500 Cap-Wgt                       | 24,328,422           | 5.4               | 2.9               | 48   | 13.9       | 47   | 20.7        | 52   |              |      |              |      |
| S&P 500                                    |                      |                   | 2.9               | 49   | 13.8       | 48   | 20.6        | 52   | 18.5         | 41   | 7.0          | 53   |
| SSgA S&P 500 Equal-Wgt                     | 16,264,674           | 3.6               | 3.3               | 38   | 16.0       | 20   | 26.5        | 14   | 19.7         | 18   | 10.3         | 8    |
| S&P 500 Equal Weighted                     |                      |                   | 3.2               | 38   | 16.2       | 19   | 26.5        | 14   | 19.9         | 17   | 10.5         | 7    |
| Small/Mid Cap Comp                         | 35,149,537           | 7.8               | 2.5               | 54   | 16.1       | 41   | 23.8        | 62   | 19.9         | 47   | 10.3         | 42   |
| Russell 2000                               |                      |                   | 3.1               | 40   | 15.9       | 47   | 24.2        | 60   | 18.7         | 65   | 8.8          | 62   |
| eA US Small-Mid Cap Equity Gross Median    |                      |                   | 2.6               |      | 15.5       |      | 25.5        |      | 19.6         |      | 9.5          |      |
| SSgA S&P 400                               | 3,033,284            | 0.7               | 1.1               | 78   | 14.7       | 48   | 25.4        | 35   |              |      |              |      |
| S&P 400 MidCap                             |                      |                   | 1.0               | 80   | 14.6       | 50   | 25.2        | 36   | 19.4         | 44   | 8.9          | 43   |
| eA US Mid Cap Equity Gross Median          |                      |                   | 2.3               |      | 14.5       |      | 22.9        |      | 19.1         |      | 8.5          |      |
| Champlain                                  | 10,535,334           | 2.3               | 1.9               | 59   | 17.0       | 20   | 22.8        | 51   | 19.4         | 44   |              |      |
| Russell 2500                               |                      |                   | 2.3               | 51   | 15.4       | 39   | 25.6        | 33   | 19.6         | 41   | 9.2          | 40   |
| eA US Mid Cap Equity Gross Median          |                      |                   | 2.3               |      | 14.5       |      | 22.9        |      | 19.1         |      | 8.5          |      |
| Wellington                                 | 10,952,488           | 2.4               | 2.1               | 66   | 14.5       | 66   | 24.5        | 70   | 20.2         | 37   | 12.4         | 28   |
| Russell 2000 Value                         |                      |                   | 2.5               | 61   | 14.4       | 67   | 24.8        | 67   | 17.3         | 76   | 8.6          | 79   |
| eA US Small Cap Value Equity Gross Median  |                      |                   | 2.9               |      | 15.7       |      | 26.9        |      | 19.2         |      | 10.5         |      |
| SSgA Russell 2000 Growth                   | 10,628,432           | 2.4               | 3.7               | 66   | 17.5       | 60   | 23.6        | 58   | 20.0         | 69   | 8.9          | 62   |
| Russell 2000 Growth                        |                      |                   | 3.7               | 66   | 17.4       | 61   | 23.7        | 57   | 20.0         | 69   | 8.9          | 62   |
| eA US Small Cap Growth Equity Gross Median |                      |                   | 4.6               |      | 18.0       |      | 25.0        |      | 21.6         |      | 10.1         |      |

Note: Returns are gross of manager fees. Results for periods longer than one year are annualized.



## Total Fund Performance Detail

|   | Market Value<br>(\$) | % of<br>Portfolio | 2013<br>Q2<br>(%) | Rank | YTD<br>(%) | Rank | 1 Yr<br>(%) | Rank | 3 Yrs<br>(%) | Rank | 5 Yrs<br>(%) | Rank |
|---|----------------------|-------------------|-------------------|------|------------|------|-------------|------|--------------|------|--------------|------|
| Int'l Equity Comp                           | 48,174,817           | 10.7              | -0.4              | 53   | 5.0        | 54   | 17.3        | 79   | 10.3         | 76   | -0.8         | 84   |
| MSCI EAFE                                   |                      |                   | -1.0              | 65   | 4.1        | 66   | 18.6        | 66   | 10.0         | 80   | -0.6         | 83   |
| eA All EAFE Equity Gross Median             |                      |                   | -0.3              |      | 5.3        |      | 20.2        |      | 12.1         |      | 1.1          |      |
| Acadian                                     | 19,522,364           | 4.3               | -1.2              | 68   | 6.4        | 32   | 19.9        | 55   | 10.8         | 72   | -2.0         | 91   |
| Mondrian                                    | 19,175,701           | 4.3               | 1.7               | 12   | 6.2        | 35   | 16.5        | 83   | 10.6         | 75   | 0.7          | 63   |
| MSCI EAFE                                   |                      |                   | -1.0              | 65   | 4.1        | 66   | 18.6        | 66   | 10.0         | 80   | -0.6         | 83   |
| SSgA ACWI Ex US                             | 9,476,752            | 2.1               | -3.0              | 70   | 0.1        | 80   | 13.9        | 76   |              |      |              |      |
| MSCI ACWI ex USA                            |                      |                   | -3.1              | 71   | 0.0        | 81   | 13.6        | 80   | 8.0          | 94   | -0.8         | 91   |
| eA ACWI ex-US All Cap Equity Gross Median   |                      |                   | -1.7              |      | 2.8        |      | 16.7        |      | 11.3         |      | 1.4          |      |
| Emerging Market Comp                        | 25,196,755           | 5.6               | -8.0              | 60   | -7.6       | 54   | 6.3         | 50   |              |      |              |      |
| Aberdeen                                    | 25,196,755           | 5.6               | -8.0              | 60   | -7.6       | 54   | 6.3         | 50   | 10.1         | 11   | 8.7          | 5    |
| MSCI Emerging Markets                       |                      |                   | -8.1              | 61   | -9.6       | 75   | 2.9         | 79   | 3.4          | 72   | -0.4         | 67   |
| eA Emg Mkts Equity Gross Median             |                      |                   | -7.7              |      | -7.3       |      | 6.2         |      | 5.5          |      | 0.8          |      |
| Diversified Fixed                           | 78,459,423           | 17.4              | -2.8              | 81   | -2.2       | 67   | 0.2         | 70   | 5.4          | 35   | 5.8          | 49   |
| Barclays Aggregate                          |                      |                   | -2.3              | 63   | -2.4       | 75   | -0.7        | 86   | 3.5          | 67   | 5.2          | 65   |
| eA All US Fixed Inc Gross Median            |                      |                   | -1.9              |      | -1.5       |      | 0.8         |      | 4.4          |      | 5.8          |      |
| Allianz Structured Alpha                    | 10,596,888           | 2.4               | -3.5              | 98   | -2.2       | 43   | 0.5         | 44   | 8.4          | 1    | 6.8          | 20   |
| Citigroup 10 Year Treasury                  |                      |                   | -4.5              | 99   | -4.9       | 99   | -4.2        | 99   | 4.6          | 36   | 5.9          | 59   |
| PIMCO Core Plus                             | 28,545,664           | 6.3               | -3.0              | 93   | -2.4       | 60   | 0.4         | 47   | 4.8          | 29   |              |      |
| Barclays Aggregate                          |                      |                   | -2.3              | 38   | -2.4       | 66   | -0.7        | 87   | 3.5          | 88   | 5.2          | 90   |
| PIMCO Unconstrained                         | 28,900,356           | 6.4               | -1.9              | 14   | -1.3       | 10   | 0.4         | 47   |              |      |              |      |
| 25% HY, 25% EMD, 50% BC Agg                 |                      |                   | -3.0              | 94   | -3.0       | 93   | 2.3         | 10   | 6.4          | 2    | 7.7          | 5    |
| 3-Month Libor Total Return USD              |                      |                   | 0.1               | 1    | 0.1        | 2    | 0.3         | 50   | 0.4          | 99   | 0.7          | 99   |
| Wellington DAS                              | 10,416,515           | 2.3               | -4.4              | 99   | -3.8       | 99   | -1.1        | 95   | 8.1          | 1    |              |      |
| Wellington Custom Benchmark                 |                      |                   | -5.2              | 99   | -7.2       | 99   | -7.5        | 99   | 6.9          | 1    | 7.2          | 9    |
| High Yield Comp                             | 18,161,066           | 4.0               | -0.9              | 33   | 2.1        | 36   | 9.7         | 49   | 10.7         | 53   | 10.0         | 55   |
| Barclays High Yield                         |                      |                   | -1.4              | 72   | 1.4        | 61   | 9.5         | 53   | 10.7         | 52   | 10.9         | 30   |
| eA US High Yield Fixed Inc Gross Median     |                      |                   | -1.2              |      | 1.7        |      | 9.5         |      | 10.8         |      | 10.2         |      |
| Post Advisory                               | 13,740,743           | 3.1               | -0.7              | 25   | 2.4        | 30   | 10.1        | 38   | 10.9         | 45   | 10.2         | 50   |
| KDP   | 4,420,323            | 1.0               | -1.4              | 66   | 0.6        | 89   | 7.2         | 83   | 9.3          | 89   |              |      |
| Barclays High Yield                         |                      |                   | -1.4              | 72   | 1.4        | 61   | 9.5         | 53   | 10.7         | 52   | 10.9         | 30   |
| BofA Merrill Lynch US High Yield BB-B Rated |                      |                   | -1.6              | 81   | 0.8        | 86   | 8.5         | 71   | 10.1         | 72   | 9.4          | 72   |

Wellington DAS Custom Benchmark tracked the BC Agg from 5/2002 through 2/2011, and the CG US Treasury STRIPS from 7/11 through present. The benchmark change coincided with the switch in collateral position.



# Total Fund Performance Detail

|  | Market Value<br>(\$) | % of<br>Portfolio | 2013<br>Q2<br>(%) | Rank | YTD<br>(%) | Rank | 1 Yr<br>(%) | Rank | 3 Yrs<br>(%) | Rank | 5 Yrs<br>(%) | Rank |
|--|----------------------|-------------------|-------------------|------|------------|------|-------------|------|--------------|------|--------------|------|
| Global Fixed Income Comp               | 12,401,858           | 2.8               | -3.7              | 83   | -7.5       | 93   | -7.2        | 99   | 3.5          | 84   | 5.2          | 48   |
| Citi WGBI                              |                      |                   | -3.0              | 62   | -5.7       | 81   | -4.5        | 95   | 2.7          | 93   | 3.0          | 87   |
| eA All Global Fixed Inc Gross Median   |                      |                   | -2.5              |      | -3.2       |      | 2.1         |      | 5.2          |      | 5.1          |      |
| Mondrian GFI                           | 12,401,858           | 2.8               | -3.7              | 83   | -7.5       | 93   | -7.2        | 99   | 2.3          | 97   | 4.4          | 66   |
| Citi WGBI                              |                      |                   | -3.0              | 62   | -5.7       | 81   | -4.5        | 95   | 2.7          | 93   | 3.0          | 87   |
| Emerging Market Debt                   | 20,839,037           | 4.6               |                   |      |            |      |             |      |              |      |              |      |
| Wellington Opportunistic EMD           | 20,839,037           | 4.6               | -6.1              | 46   | -6.8       | 41   | 3.4         | 40   | 9.1          | 18   |              |      |
| JP Morgan EMBI Global TR               |                      |                   | -6.1              | 46   | -8.2       | 90   | 1.2         | 86   | 7.9          | 45   | 8.6          | 47   |
| eA All Emg Mkts Fixed Inc Gross Median |                      |                   | -6.3              |      | -7.2       |      | 3.0         |      | 7.7          |      | 8.3          |      |
| TIPS                                   | 11,875,871           | 2.6               |                   |      |            |      |             |      |              |      |              |      |
| BlackRock TIPS                         | 11,875,871           | 2.6               | -7.1              |      | -7.4       |      | -4.8        |      | 4.6          |      |              |      |
| Barclays US TIPS                       |                      |                   | -7.1              |      | -7.4       |      | -4.8        |      | 4.6          |      | 4.4          |      |
| Total Real Estate                      | 19,712,456           | 4.4               |                   |      |            |      |             |      |              |      |              |      |
| Morgan Stanley Prime Property          | 8,550,283            | 1.9               | 5.8               |      | 8.7        |      | 15.8        |      | 16.4         |      | 0.5          |      |
| UBS Trumbull                           | 7,655,165            | 1.7               | 3.4               |      | 5.1        |      | 9.8         |      | 12.6         |      | 1.8          |      |
| RREEF America REIT III                 | 3,397,476            | 0.8               | 5.2               |      | 8.4        |      | 19.1        |      | 33.5         |      | -12.4        |      |
| Transwestern / Aslan III               | 109,531              | 0.0               | 6.3               |      | 43.6       |      | 62.3        |      | 4.8          |      | -40.1        |      |
| NCREIF Property Index                  |                      |                   | 2.9               |      | 5.5        |      | 10.7        |      | 13.1         |      | 2.8          |      |
| NCREIF ODCE                            |                      |                   | 3.9               |      | 6.6        |      | 12.2        |      | 15.0         |      | -0.2         |      |
| Hedge Fund Comp                        | 20,633,254           | 4.6               | 1.8               | 24   | 6.7        | 18   | 12.9        | 18   |              |      |              |      |
| eA HFN FOF - Multi-Strategy Net Median |                      |                   | 1.0               |      | 4.6        |      | 9.2         |      | 4.7          |      | 1.4          |      |
| Grosvenor                              | 8,160,837            | 1.8               | 1.9               | 20   | 6.8        | 16   | 12.4        | 22   |              |      |              |      |
| GAM                                    | 4,177,478            | 0.9               | 3.4               | 5    | 8.0        | 9    | 13.9        | 11   |              |      |              |      |
| Permal                                 | 8,294,939            | 1.8               | 0.9               | 54   | 5.9        | 31   | 13.0        | 17   |              |      |              |      |
| HFRI Fund of Funds Composite Index     |                      |                   | 0.1               | 70   | 3.4        | 66   | 7.3         | 68   | 3.0          | 71   | -0.6         | 81   |

Wellington Opportunistic EMD was transitioned from Wellington EMD on October 3, 2011. Past performance has been linked to the current account.



### Total Fund Performance Detail

|  | Market Value<br>(\$) | % of<br>Portfolio | 2013<br>Q2<br>(%) | Rank | YTD<br>(%) | Rank | 1 Yr<br>(%) | Rank | 3 Yrs<br>(%) | Rank | 5 Yrs<br>(%) | Rank |
|--|----------------------|-------------------|-------------------|------|------------|------|-------------|------|--------------|------|--------------|------|
| GAA Comp                                     | 85,144,235           | 18.9              | -5.9              | 74   | -3.1       | 67   | 6.1         | 43   | 8.9          | 35   | 6.1          | 17   |
| eA Global TAA Gross Median                   |                      |                   | -2.4              |      | -0.8       |      | 5.3         |      | 7.2          |      | 4.9          |      |
| Mellon Global Expanded Alpha                 | 8,759,274            | 1.9               | -1.9              | 41   | 2.6        | 29   | 10.8        | 14   | 11.1         | 16   | 4.4          | 55   |
| Mellon CF GEA Index                          |                      |                   | -3.3              | 59   | -2.0       | 60   | 6.2         | 43   | 6.7          | 52   | 1.3          | 86   |
| AQR Global Risk Premium                      | 33,390,882           | 7.4               | -10.0             | 92   | -5.9       | 80   | 3.6         | 58   | 10.2         | 23   |              |      |
| 60% MSCI World / 40% CITI WGBI               |                      |                   | -0.7              | 19   | 2.8        | 27   | 9.2         | 26   | 9.8          | 31   | 3.6          | 63   |
| PIMCO All Asset                              | 25,831,172           | 5.7               | -4.0              | 61   | -2.9       | 65   | 6.7         | 42   | 8.3          | 42   | 7.2          | 6    |
| PIMCO All Asset Index                        |                      |                   | -3.1              | 57   | -2.1       | 61   | 1.6         | 75   | 6.1          | 58   | 5.9          | 28   |
| CPI + 5%                                     |                      |                   | 1.5               | 4    | 3.3        | 23   | 6.8         | 42   | 7.4          | 49   | 6.4          | 14   |
| Wellington OIF                               | 17,162,907           | 3.8               | -2.5              | 52   | -0.6       | 48   | 7.7         | 36   | 6.2          | 57   |              |      |
| 65% MSCI ACWI (Net) / 35% BC Agg             |                      |                   | -1.1              | 21   | 3.0        | 26   | 10.3        | 16   | 9.5          | 32   | 3.8          | 61   |
| Commodities                                  | 16,552,970           | 3.7               |                   |      |            |      |             |      |              |      |              |      |
| Schroder                                     | 16,552,970           | 3.7               | -8.0              |      | -9.9       |      | -6.3        |      | 2.5          |      |              |      |
| Dow Jones-UBS Commodity Index TR             |                      |                   | -9.5              |      | -10.5      |      | -8.0        |      | -0.3         |      | -11.6        |      |
| eA Commodities Gross Median                  |                      |                   |                   |      |            |      |             |      |              |      |              |      |
| Cash   | 217,665              | 0.0               |                   |      |            |      |             |      |              |      |              |      |
| Vermont Cash                                 | 217,665              | 0.0               | 0.0               |      | 0.0        |      | 0.0         |      | 0.1          |      | 0.4          |      |
| 91 Day T-Bills                               |                      |                   | 0.0               |      | 0.0        |      | 0.1         |      | 0.1          |      | 0.2          |      |
| Private Equity                               | 1,247,643            | 0.3               |                   |      |            |      |             |      |              |      |              |      |
| Harbourvest Partners IX Credit Opportunities | 81,902               | 0.0               |                   |      |            |      |             |      |              |      |              |      |
| Harbourvest Partners IX Venture Fund         | 256,020              | 0.1               |                   |      |            |      |             |      |              |      |              |      |
| Harbourvest Partners IX Buyout Fund          | 448,539              | 0.1               |                   |      |            |      |             |      |              |      |              |      |
| Harbourvest Dover VIII Fund                  | 461,182              | 0.1               |                   |      |            |      |             |      |              |      |              |      |
| Cambridge Private Equity Index               |                      |                   |                   |      |            |      |             |      |              |      |              |      |

Real Estate performance reported on a quarterly basis. NCREIF Property is available 25 days after quarter end. Transwestern market value as of 6/30/2013.

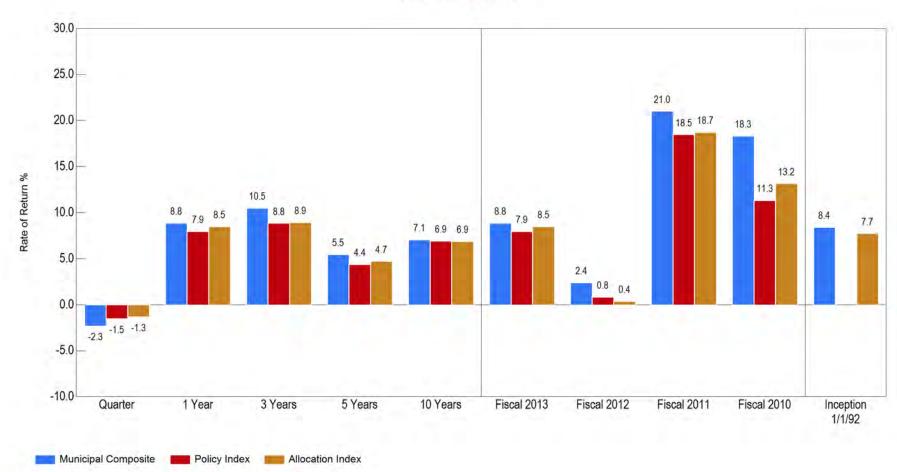
PIMCO All Asset Index: 40% BC Agg / 30% TIPS / 10% S&P500 / 10% BC HY / 10% JPM EMBI+

Mellon CF GEA Index: 50% MSCI ACWI / 25% CITI WGBI H/H / 10% BC Global Inflation Linked H/H /5% BC US Interm. Credit / 5% DJ-UBS Commodity / 5% R2000.

Harbourvest Funds are last valued as of 3/31/2013.



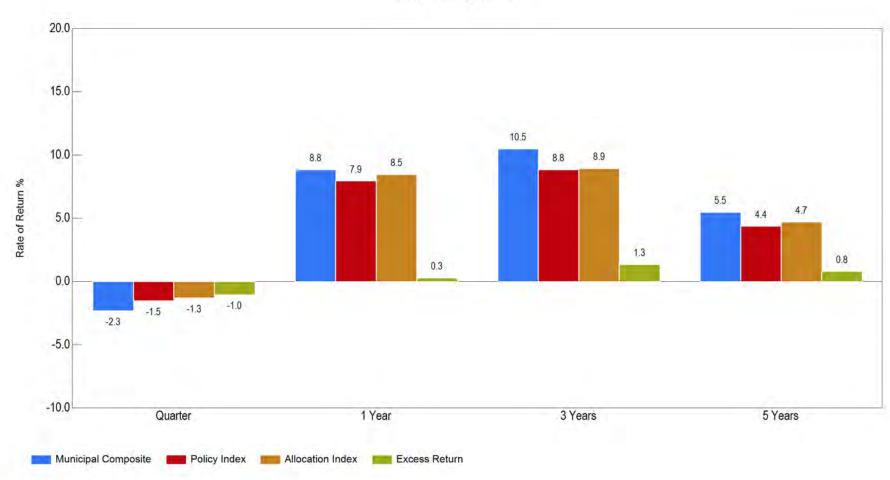
### Total Fund Return Summary



**Return Summary Gross** 



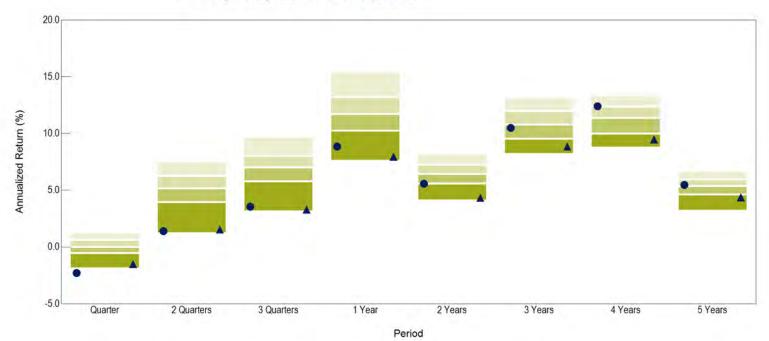
## Total Fund Return Summary



#### **Return Summary Gross**



## Total Fund Return Summary vs. Peer Universe

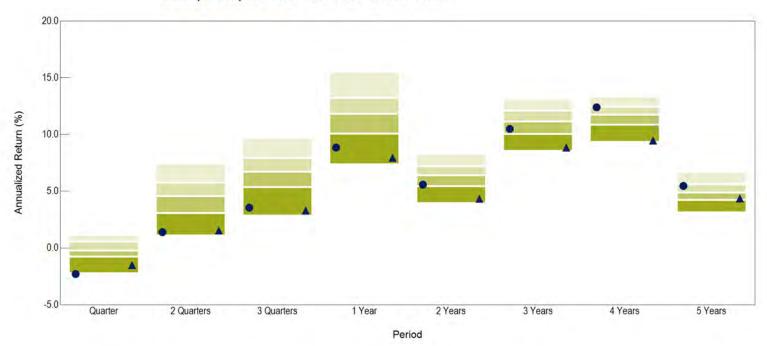


Municipal Composite vs. IFx Public DB Gross

|                     | Return (Rank) | )    |     |      |     |      |      |      |     |      |      |      |      |      |     |      |
|---------------------|---------------|------|-----|------|-----|------|------|------|-----|------|------|------|------|------|-----|------|
| 5th Percentile      | 1.2           |      | 7.5 |      | 9.7 |      | 15.5 |      | 8.2 |      | 13.1 |      | 13.4 |      | 6.7 |      |
| 25th Percentile     | 0.6           |      | 6.3 |      | 8.0 |      | 13.2 |      | 7.3 |      | 12.0 |      | 12.4 |      | 6.0 |      |
| Median              | 0.0           |      | 5.2 |      | 7.0 |      | 11.7 |      | 6.5 |      | 10.8 |      | 11.4 |      | 5.4 |      |
| 75th Percentile     | -0.5          |      | 4.0 |      | 5.8 |      | 10.2 |      | 5.6 |      | 9.5  |      | 10.0 |      | 4.6 |      |
| 95th Percentile     | -1.9          |      | 1.2 |      | 3.2 |      | 7.6  |      | 4.1 |      | 8.2  |      | 8.8  |      | 3.2 |      |
| # of Portfolios     | 188           |      | 187 |      | 186 |      | 183  |      | 174 |      | 160  |      | 152  |      | 149 |      |
| Municipal Composite | -2.3          | (98) | 1.4 | (94) | 3.5 | (93) | 8.8  | (90) | 5.6 | (77) | 10.5 | (56) | 12.4 | (24) | 5.5 | (46) |
| Policy Index        | -1.5          | (93) | 1.5 | (93) | 3.3 | (94) | 7.9  | (94) | 4.3 | (94) | 8.8  | (88) | 9.5  | (85) | 4.4 | (80) |



### Total Fund Return Summary vs. Peer Universe

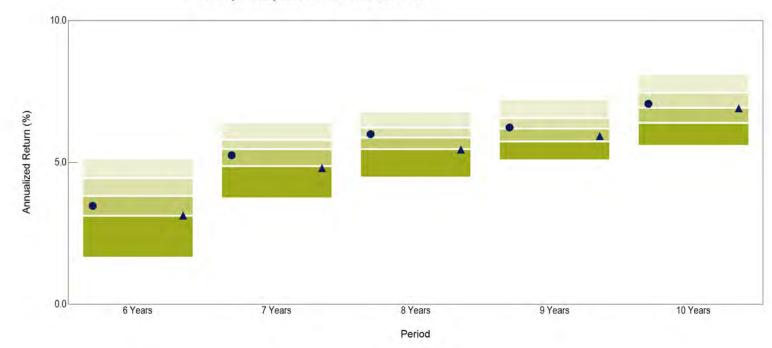


Municipal Composite vs. IFx Public DB > \$250mm Gross

|                     | Return (Rank) | )    |     |      |     |      |      |      |     |      |      |      |      |      |     |      |
|---------------------|---------------|------|-----|------|-----|------|------|------|-----|------|------|------|------|------|-----|------|
| 5th Percentile      | 1.1           |      | 7.5 |      | 9.7 |      | 15.5 |      | 8.3 |      | 13.1 |      | 13.3 |      | 6.7 |      |
| 25th Percentile     | 0.6           |      | 5.8 |      | 8.0 |      | 13.2 |      | 7.2 |      | 12.1 |      | 12.4 |      | 5.6 |      |
| Median              | -0.2          |      | 4.6 |      | 6.7 |      | 11.8 |      | 6.4 |      | 11.2 |      | 11.8 |      | 4.9 |      |
| 75th Percentile     | -0.8          |      | 3.1 |      | 5.4 |      | 10.1 |      | 5.4 |      | 10.1 |      | 10.9 |      | 4.2 |      |
| 95th Percentile     | -2.2          |      | 1.1 |      | 2.9 |      | 7.4  |      | 4.0 |      | 8.6  |      | 9.3  |      | 3.2 |      |
| # of Portfolios     | 90            |      | 89  |      | 88  |      | 86   |      | 85  |      | 82   |      | 81   |      | 80  |      |
| Municipal Composite | -2.3          | (96) | 1.4 | (91) | 3.5 | (90) | 8.8  | (86) | 5.6 | (71) | 10.5 | (64) | 12.4 | (27) | 5.5 | (31) |
| Policy Index        | -1.5          | (88) | 1.5 | (90) | 3.3 | (93) | 7.9  | (92) | 4.3 | (94) | 8.8  | (93) | 9.5  | (95) | 4.4 | (71) |



## Total Fund Return Summary vs. Peer Universe

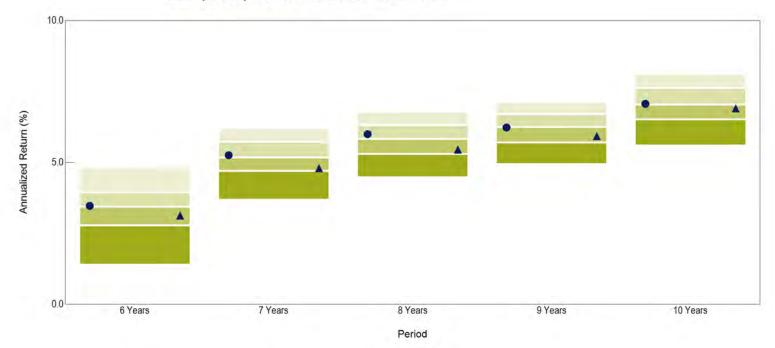


Municipal Composite vs. IFx Public DB Gross

|                     | Return (Rank) |      |     |      |     |      |     |      |     |      |
|---------------------|---------------|------|-----|------|-----|------|-----|------|-----|------|
| 5th Percentile      | 5.1           |      | 6.4 |      | 6.8 |      | 7.2 |      | 8.1 |      |
| 25th Percentile     | 4.4           |      | 5.8 |      | 6.2 |      | 6.6 |      | 7.5 |      |
| Median              | 3.8           |      | 5.5 |      | 5.9 |      | 6.2 |      | 6.9 |      |
| 75th Percentile     | 3.1           |      | 4.9 |      | 5.5 |      | 5.7 |      | 6.4 |      |
| 95th Percentile     | 1.6           |      | 3.7 |      | 4.5 |      | 5.1 |      | 5.6 |      |
| # of Portfolios     | 145           |      | 143 |      | 135 |      | 131 |      | 126 |      |
| Municipal Composite | 3.5           | (66) | 5.2 | (62) | 6.0 | (43) | 6.2 | (48) | 7.1 | (43) |
| Policy Index        | 3.1           | (75) | 4.8 | (78) | 5.4 | (76) | 5.9 | (65) | 6.9 | (52) |



## Total Fund Return Summary vs. Peer Universe

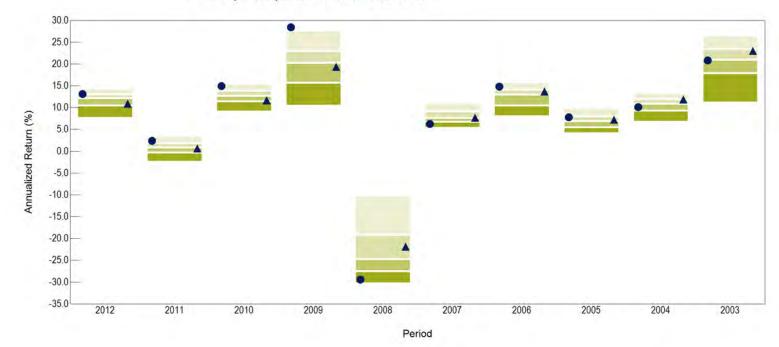


Municipal Composite vs. IFx Public DB > \$250mm Gross

|                     | Return (Rank) |      |     |      |     |      |     |      |     |      |
|---------------------|---------------|------|-----|------|-----|------|-----|------|-----|------|
| 5th Percentile      | 4.8           |      | 6.2 |      | 6.8 |      | 7.1 |      | 8.1 |      |
| 25th Percentile     | 3.9           |      | 5.7 |      | 6.3 |      | 6.7 |      | 7.6 |      |
| Median              | 3.4           |      | 5.2 |      | 5.8 |      | 6.3 |      | 7.0 |      |
| 75th Percentile     | 2.8           |      | 4.7 |      | 5.3 |      | 5.7 |      | 6.5 |      |
| 95th Percentile     | 1.4           |      | 3.7 |      | 4.5 |      | 4.9 |      | 5.6 |      |
| # of Portfolios     | 78            |      | 77  |      | 76  |      | 74  |      | 73  |      |
| Municipal Composite | 3.5           | (50) | 5.2 | (49) | 6.0 | (44) | 6.2 | (51) | 7.1 | (48) |
| Policy Index        | 3.1           | (65) | 4.8 | (70) | 5.4 | (70) | 5.9 | (65) | 6.9 | (59) |



## Total Fund Return Summary vs. Peer Universe

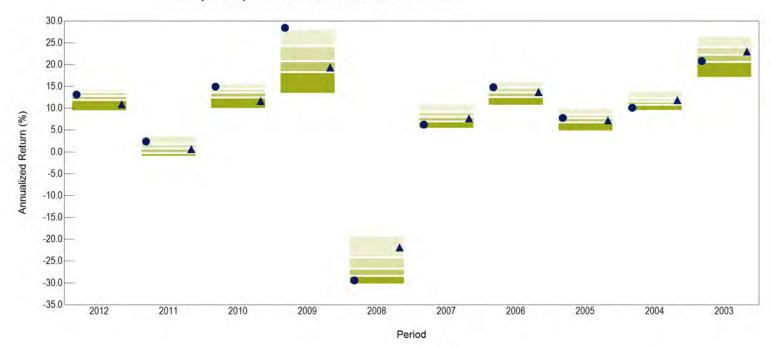


Municipal Composite vs. IFx Public DB Gross

|                     | Return (Ra | nk)  |      |      |      |      |      |      |       |      |      |      |      |      |     |      |      |      |      |      |
|---------------------|------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-----|------|------|------|------|------|
| 5th Percentile      | 14.3       |      | 3.4  |      | 15.5 |      | 27.6 |      | -10.2 |      | 11.1 |      | 15.8 |      | 9.9 |      | 13.2 |      | 26.5 |      |
| 25th Percentile     | 13.1       |      | 1.9  |      | 13.9 |      | 23.0 |      | -19.2 |      | 9.1  |      | 14.2 |      | 8.1 |      | 12.0 |      | 23.4 |      |
| Median              | 12.2       |      | 0.9  |      | 12.8 |      | 20.3 |      | -24.7 |      | 7.7  |      | 13.0 |      | 6.9 |      | 10.9 |      | 21.0 |      |
| 75th Percentile     | 10.5       |      | -0.3 |      | 11.5 |      | 15.7 |      | -27.4 |      | 6.8  |      | 10.5 |      | 5.5 |      | 9.4  |      | 17.9 |      |
| 95th Percentile     | 7.7        |      | -2.4 |      | 9.2  |      | 10.4 |      | -30.2 |      | 5.4  |      | 8.0  |      | 4.2 |      | 6.8  |      | 11.2 |      |
| # of Portfolios     | 192        |      | 162  |      | 154  |      | 152  |      | 149   |      | 146  |      | 136  |      | 131 |      | 125  |      | 119  |      |
| Municipal Composite | 13.1       | (25) | 2.4  | (15) | 14.9 | (12) | 28.4 | (3)  | -29.4 | (89) | 6.3  | (85) | 14.8 | (17) | 7.8 | (32) | 10.1 | (65) | 20.8 | (55) |
| Policy Index        | 10.9       | (71) | 0.6  | (62) | 11.7 | (72) | 19.3 | (55) | -21.9 | (35) | 7.7  | (51) | 13.7 | (35) | 7.2 | (47) | 11.9 | (29) | 23.0 | (30) |



## Total Fund Return Summary vs. Peer Universe



Municipal Composite vs. IFx Public DB > \$250mm Gross

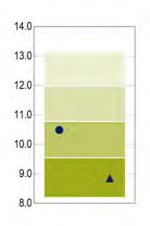
|                     | Return (R | ank) |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 5th Percentile      | 14.3      |      | 3.7  |      | 15.7 |      | 28.0 |      | -19.2 |      | 10.9 |      | 16.1 |      | 10.0 |      | 14.0 |      | 26.4 |      |
| 25th Percentile     | 13.7      |      | 1.8  |      | 14.5 |      | 24.3 |      | -24.2 |      | 9.3  |      | 14.8 |      | 8.6  |      | 12.3 |      | 24.0 |      |
| Median              | 12.8      |      | 0.8  |      | 13.6 |      | 20.8 |      | -26.7 |      | 8.0  |      | 13.6 |      | 7.7  |      | 11.5 |      | 22.3 |      |
| 75th Percentile     | 12.0      |      | -0.3 |      | 12.5 |      | 18.3 |      | -28.4 |      | 7.0  |      | 12.6 |      | 6.8  |      | 10.8 |      | 20.6 |      |
| 95th Percentile     | 9.3       |      | -1.1 |      | 9.9  |      | 13.4 |      | -30.3 |      | 5.3  |      | 10.6 |      | 4.7  |      | 9.4  |      | 17.0 |      |
| # of Portfolios     | 86        |      | 75   |      | 73   |      | 74   |      | 74    |      | 72   |      | 65   |      | 65   |      | 63   |      | 63   |      |
| Municipal Composite | 13.1      | (35) | 2.4  | (15) | 14.9 | (14) | 28.4 | (5)  | -29.4 | (81) | 6.3  | (86) | 14.8 | (24) | 7.8  | (46) | 10.1 | (88) | 20.8 | (73) |
| Policy Index        | 10.9      | (85) | 0.6  | (53) | 11.7 | (87) | 19.3 | (64) | -21.9 | (11) | 7.7  | (55) | 13.7 | (46) | 7.2  | (66) | 11.9 | (40) | 23.0 | (42) |



### Total Fund Risk Statistics vs. Peer Universe

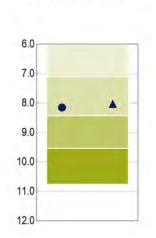
#### Municipal Composite vs. IFx Public DB Gross 3 Years

Ann Excess RF Return



Anizd Return

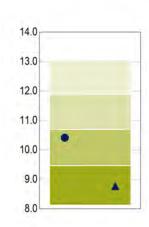
 Municipal Composite Value 10.48 %tile 56 Policy Index Value 8.84 %tile 88 Universe 5th %tile 13.13 25th %tile 11.98 10.78 Median 9.55 75th %tile 8.20 95th %tile



AnIzd Standard Deviation

| Municipal  | Composite |
|------------|-----------|
| Value      | 8.16      |
| %tile      | 46        |
| Policy Ind | ex        |
| Value      | 8.03      |
| %tile      | 41        |
| Universe   |           |
| 5th %tile  | 6.02      |
| 25th %til  | e 7.10    |
| Median     | 8.42      |
| 75th %til  | e 9.53    |
| 95th %til  | e 10.76   |
|            |           |

.



| • | Municipal Comp | oosite |
|---|----------------|--------|
|   | Value          | 10.41  |
|   | %tile          | 56     |
| * | Policy Index   |        |
|   | Value          | 8.77   |
|   | %tile          | 88     |
|   | Universe       |        |
|   | 5th %tile      | 13.05  |
|   | 25th %tile     | 11.90  |
|   | Median         | 10.71  |
|   | 75th %tile     | 9.47   |
|   | 95th %tile     | 8.13   |
|   |                |        |



Sharpe Ratio

| • | 11 11 10            |      |
|---|---------------------|------|
|   | Municipal Composite |      |
|   | Value               | 1.28 |
|   | %tile               | 51   |
| • | Policy Index        |      |
|   | Value               | 1.09 |
|   | %tile               | 91   |
|   | Universe            |      |
|   | 5th %tile           | 1.57 |
|   | 25th %tile          | 1.36 |
|   | Median              | 1.28 |
|   | 75th %tile          | 1.19 |
|   | 95th %tile          | 1.03 |
|   |                     |      |

Sortino Ratio RF

| 3.0 |   |   |
|-----|---|---|
| 2.8 |   |   |
| 2.6 |   |   |
| 2.4 |   |   |
| 2.2 |   |   |
| 2.0 | • |   |
| 1.8 | 1 |   |
| 1.6 | 1 |   |
| 1.4 |   |   |
| 1.2 |   |   |
| 1.0 |   | _ |

|   | Municipal Comp<br>Value | 2.02 |
|---|-------------------------|------|
|   | %tile                   | 27   |
| • | Policy Index            |      |
|   | Value                   | 1.77 |
|   | %tile                   | 64   |
|   | Universe                |      |
|   | 5th %tile               | 2.49 |
|   | 25th %tile              | 2.03 |
|   | Median                  | 1.85 |
|   | 75th %tile              | 1.68 |
|   | 95th %tile              | 1.45 |

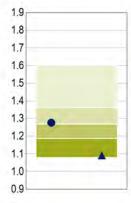
1



### Total Fund Risk Statistics vs. Peer Universe

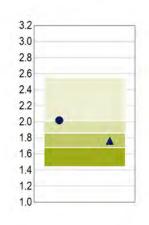






| • | Municipal Comp | osite |
|---|----------------|-------|
|   | Value          | 1.28  |
|   | %tile          | 49    |
| * | Policy Index   |       |
|   | Value          | 1.09  |
|   | %tile          | 92    |
|   | Universe       |       |
|   | 5th %tile      | 1.60  |
|   | 25th %tile     | 1.37  |
|   | Median         | 1.27  |
|   | 75th %tile     | 1.19  |
|   | 95th %tile     | 1.08  |
|   |                |       |

Sortino Ratio RF



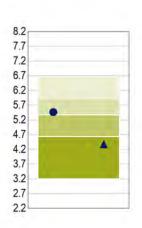
| • | Municipal Comp | oosite |
|---|----------------|--------|
|   | Value          | 2.02   |
|   | %tile          | 25     |
| • | Policy Index   |        |
|   | Value          | 1.77   |
|   | %tile          | 62     |
|   | Universe       |        |
|   | 5th %tile      | 2.56   |
|   | 25th %tile     | 2.02   |
|   | Median         | 1.86   |
|   | 75th %tile     | 1.68   |
|   | 95th %tile     | 1.45   |
|   |                |        |



#### Total Fund Risk Statistics vs. Peer Universe

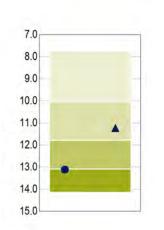
#### Municipal Composite vs. IFx Public DB Gross 5 Years

Ann Excess RF Return



Anizd Return

| • | Municipal Comp | osite |
|---|----------------|-------|
|   | Value          | 5.46  |
|   | %tile          | 46    |
| * | Policy Index   |       |
|   | Value          | 4.37  |
|   | %tile          | 80    |
|   | Universe       |       |
|   | 5th %tile      | 6.66  |
|   | 25th %tile     | 5.96  |
|   | Median         | 5.38  |
|   | 75th %tile     | 4.64  |
|   | 95th %tile     | 3.21  |
|   |                |       |



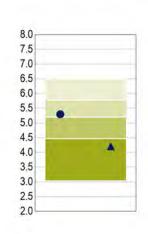
AnIzd Standard Deviation

| • | Municipal Com | posite |
|---|---------------|--------|
|   | Value         | 13.12  |
|   | %tile         | 77     |
| * | Policy Index  |        |
|   | Value         | 11.23  |
|   | %tile         | 42     |
|   | Universe      |        |
|   | 5th %tile     | 7.75   |
|   | 25th %tile    | 10.04  |
|   | Median        | 11.77  |
|   | 75th %tile    | 13.08  |

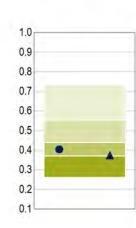
14.14

95th %tile

.



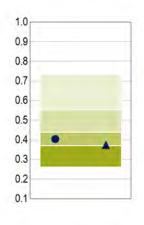
| • | Municipal Com | oosite |
|---|---------------|--------|
|   | Value         | 5.29   |
|   | %tile         | 46     |
| • | Policy Index  |        |
|   | Value         | 4.20   |
|   | %tile         | 80     |
|   | Universe      |        |
|   | 5th %tile     | 6.49   |
|   | 25th %tile    | 5.79   |
|   | Median        | 5.21   |
|   | 75th %tile    | 4.47   |
|   | 95th %tile    | 3.04   |
|   |               |        |



Sharpe Ratio

| 0.40<br>62<br>0.37<br>73 |
|--------------------------|
| 0.37                     |
|                          |
|                          |
| 73                       |
|                          |
|                          |
| 0.73                     |
| 0.55                     |
| 0.44                     |
| 0.37                     |
| 0.26                     |
|                          |

Sharpe Ratio



| Value        | 0.40 |
|--------------|------|
| %tile        | 62   |
| Policy Index |      |
| Value        | 0.37 |
| %tile        | 73   |
| Universe     |      |
| 5th %tile    | 0.73 |
| 25th %tile   | 0.55 |
| Median       | 0.44 |
| 75th %tile   | 0.37 |
| 95th %tile   | 0.26 |

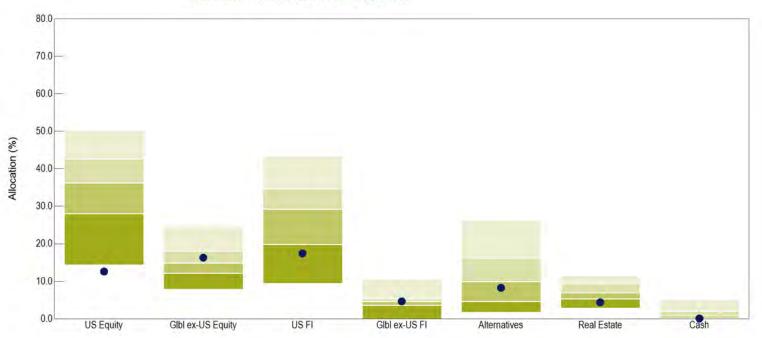


#### Total Fund Risk Statistics vs. Peer Universe

#### Municipal Composite vs. IFx Public DB > \$250mm Gross 5 Years



### Total Fund Allocations vs. Peer Universe

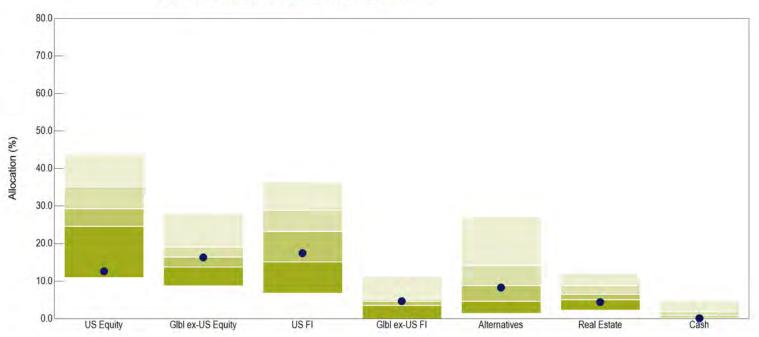


Total Plan Allocation vs. IFx Public DB Gross

|                     | Allocation (Ran | k)   |      |      |      |      |      |      |      |      |      |      |     |      |
|---------------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| 5th Percentile      | 50.3            |      | 24.7 |      | 43.5 |      | 10.5 |      | 26.3 |      | 11.5 |      | 5.1 |      |
| 25th Percentile     | 42.7            |      | 18.2 |      | 34.7 |      | 5.4  |      | 16.2 |      | 9.4  |      | 2.0 |      |
| Median              | 36.3            |      | 14.9 |      | 29.2 |      | 4.7  |      | 10.0 |      | 7.0  |      | 0.9 |      |
| 75th Percentile     | 28.1            |      | 12.2 |      | 19.9 |      | 3.7  |      | 4.7  |      | 5.3  |      | 0.3 |      |
| 95th Percentile     | 14.4            |      | 7.9  |      | 9.5  |      | 0.0  |      | 1.8  |      | 2.9  |      | 0.0 |      |
| # of Portfolios     | 111             |      | 104  |      | 79   |      | 18   |      | 57   |      | 65   |      | 76  |      |
| Municipal Composite | 12.6            | (97) | 16.3 | (39) | 17.4 | (83) | 4.6  | (53) | 8.3  | (60) | 4.4  | (91) | 0.0 | (91) |
|                     |                 |      |      |      |      |      |      |      |      |      |      |      |     |      |



### Total Fund Allocations vs. Peer Universe



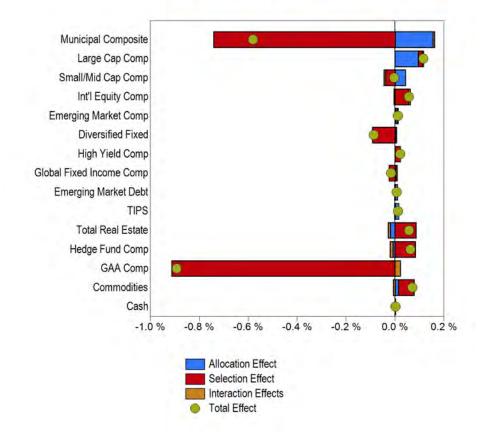
Total Plan Allocation vs. IFx Public DB > \$250mm Gross

|                     | Allocation (Ran | k)   |      |      |      |      |      |      |      |      |      |      |     |      |
|---------------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| 5th Percentile      | 43.8            |      | 28.0 |      | 36.5 |      | 11.3 |      | 27.1 |      | 12.1 |      | 4.7 |      |
| 25th Percentile     | 35.2            |      | 19.1 |      | 28.9 |      | 5.2  |      | 14.3 |      | 8.9  |      | 1.9 |      |
| Median              | 29.3            |      | 16.5 |      | 23.3 |      | 4.7  |      | 8.9  |      | 6.6  |      | 0.8 |      |
| 75th Percentile     | 24.7            |      | 13.8 |      | 15.1 |      | 3.6  |      | 4.7  |      | 5.1  |      | 0.2 |      |
| 95th Percentile     | 11.0            |      | 8.7  |      | 6.8  |      | 0.0  |      | 1.5  |      | 2.2  |      | 0.0 |      |
| # of Portfolios     | 50              |      | 50   |      | 38   |      | 15   |      | 44   |      | 38   |      | 39  |      |
| Municipal Composite | 12.6            | (92) | 16.3 | (56) | 17.4 | (65) | 4.6  | (58) | 8.3  | (57) | 4.4  | (87) | 0.0 | (93) |
|                     |                 |      |      |      |      |      |      |      |      |      |      |      |     |      |



### Total Fund Attribution Analysis

#### Attribution Effects Relative to Policy Index 3 Months Ending June 30, 2013

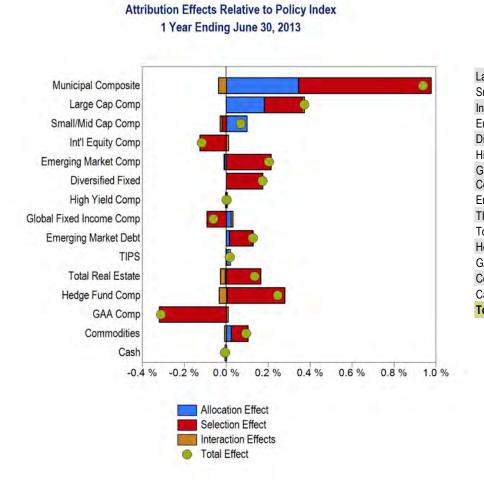


#### Attribution Summary 3 Months Ending June 30, 2013

|                             | Wtd. <sub>W</sub><br>Actual<br>Return | /td. Index<br>Return | Excess<br>Return | Selection<br>Effect | Allocation<br>Effect | Interaction<br>Effects | Total<br>Effects |
|-----------------------------|---------------------------------------|----------------------|------------------|---------------------|----------------------|------------------------|------------------|
| Large Cap Comp              | 3.1%                                  | 2.9%                 | 0.2%             | 0.0%                | 0.1%                 | 0.0%                   | 0.1%             |
| Small/Mid Cap Comp          | 2.5%                                  | 3.1%                 | -0.6%            | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Int'l Equity Comp           | -0.4%                                 | -1.0%                | 0.6%             | 0.1%                | 0.0%                 | 0.0%                   | 0.1%             |
| Emerging Market Comp        | -8.0%                                 | -8.1%                | 0.0%             | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Diversified Fixed           | -2.8%                                 | -2.3%                | -0.5%            | -0.1%               | 0.0%                 | 0.0%                   | -0.1%            |
| High Yield Comp             | -0.9%                                 | -1.4%                | 0.5%             | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Global Fixed Income<br>Comp | -3.7%                                 | -3.0%                | -0.8%            | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Emerging Market Debt        | -6.1%                                 | -6.1%                | 0.0%             | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| TIPS                        | -7.1%                                 | -7.1%                | -0.1%            | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Total Real Estate           | 4.7%                                  | 2.9%                 | 1.9%             | 0.1%                | 0.0%                 | 0.0%                   | 0.1%             |
| Hedge Fund Comp             | 1.8%                                  | 0.1%                 | 1.7%             | 0.1%                | 0.0%                 | 0.0%                   | 0.1%             |
| GAA Comp                    | -5.9%                                 | -1.4%                | -4.5%            | -0.9%               | 0.0%                 | 0.0%                   | -0.9%            |
| Commodities                 | -8.0%                                 | -9.5%                | 1.5%             | 0.1%                | 0.0%                 | 0.0%                   | 0.1%             |
| Cash                        | 0.0%                                  | 0.0%                 | 0.0%             | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Total                       | -2.3%                                 | -1.7%                | -0.6%            | -0.7%               | 0.2%                 | 0.0%                   | -0.6%            |



### Total Fund Attribution Analysis



#### Attribution Summary 1 Year Ending June 30, 2013

|                             | Wtd.<br>Actual<br>Return | Wtd. Index<br>Return | Excess<br>Return | Selection<br>Effect | Allocation<br>Effect | Interaction<br>Effects | Total<br>Effects |
|-----------------------------|--------------------------|----------------------|------------------|---------------------|----------------------|------------------------|------------------|
| Large Cap Comp              | 22.4%                    | 20.6%                | 1.8%             | 0.2%                | 0.2%                 | 0.0%                   | 0.4%             |
| Small/Mid Cap Comp          | 23.8%                    | 24.2%                | -0.4%            | 0.0%                | 0.1%                 | 0.0%                   | 0.1%             |
| Int'l Equity Comp           | 17.3%                    | 18.6%                | -1.3%            | -0.1%               | 0.0%                 | 0.0%                   | -0.1%            |
| Emerging Market Comp        | 6.3%                     | 2.9%                 | 3.5%             | 0.2%                | 0.0%                 | 0.0%                   | 0.2%             |
| Diversified Fixed           | 0.2%                     | -0.7%                | 0.9%             | 0.2%                | 0.0%                 | 0.0%                   | 0.2%             |
| High Yield Comp             | 9.7%                     | 9.5%                 | 0.2%             | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Global Fixed Income<br>Comp | -7.2%                    | -4.5%                | -2.7%            | -0.1%               | 0.0%                 | 0.0%                   | -0.1%            |
| Emerging Market Debt        | 3.4%                     | 1.2%                 | 2.1%             | 0.1%                | 0.0%                 | 0.0%                   | 0.1%             |
| TIPS                        | -4.8%                    | -4.8%                | -0.1%            | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Total Real Estate           | 14.2%                    | 10.7%                | 3.5%             | 0.2%                | 0.0%                 | 0.0%                   | 0.1%             |
| Hedge Fund Comp             | 12.9%                    | 7.3%                 | 5.6%             | 0.3%                | 0.0%                 | 0.0%                   | 0.2%             |
| GAA Comp                    | 6.1%                     | 7.7%                 | -1.7%            | -0.3%               | 0.0%                 | 0.0%                   | -0.3%            |
| Commodities                 | -6.3%                    | -8.0%                | 1.7%             | 0.1%                | 0.0%                 | 0.0%                   | 0.1%             |
| Cash                        | 0.0%                     | 0.1%                 | -0.1%            | 0.0%                | 0.0%                 | 0.0%                   | 0.0%             |
| Total                       | 8.8%                     | 7.9%                 | 0.9%             | 0.6%                | 0.3%                 | 0.0%                   | 0.9%             |
|                             |                          |                      |                  |                     |                      |                        |                  |



#### Total Fund Attribution Analysis

#### **Performance Attribution** Last 3 Mo. YTD Fiscal YTD 1 Yr Wtd. Actual Return -2.3% 1.4% 8.8% 8.8% 1.3% Wtd. Index Return \* -1.7% 7.9% 7.9% **Excess Return** -0.6% 0.1% 0.9% 0.9% Selection Effect -0.7% -0.2% 0.6% 0.6% Allocation Effect 0.2% 0.3% 0.3% 0.3% Interaction Effect 0.0% 0.0% 0.0% 0.0% Asset Class Returns Municipal Composite 8.8% -2.3% 1.4% 8.8% 3.1% 14.5% Large Cap Comp 22.4% 22.4% Small/Mid Cap Comp 2.5% 16.1% 23.8% 23.8% Int'l Equity Comp -0.4% 5.0% 17.3% 17.3% -8.0% 6.3% 6.3% **Emerging Market Comp** -7.6% **Diversified Fixed** -2.8% -2.2% 0.2% 0.2% High Yield Comp -0.9% 2.1% 9.7% 9.7% Global Fixed Income Comp -3.7% -7.5% -7.2% -7.2% -6.1% -6.8% 3.4% 3.4% Emerging Market Debt TIPS -4.8% -7.1% -7.4% -4.8% 14.2% Total Real Estate 4.7% 7.4% 14.2% Hedge Fund Comp 1.8% 6.7% 12.9% 12.9% -5.9% 6.1% GAA Comp -3.1% 6.1% Commodities -8.0% -9.8% -6.3% -6.3% 0.0% Cash 0.0% 0.0% 0.0% 0.0% 0.0% Private Equity

\*Calculated from benchmark returns and weightings of each component.



# Total Fund Risk Statistics

| 3 Years Ending June 30, 2013         |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
|--------------------------------------|----------|-----------|------|------------------|------|----------|------|-----------------|------|---------------------|------|-------------------|------|
|                                      | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Sharpe<br>Ratio | Rank | Sortino<br>Ratio RF | Rank | Tracking<br>Error | Rank |
| Municipal Composite                  | 100.00%  | 10.48%    | 56   | 8.16%            | 46   | 1.54%    | 57   | 1.28            | 51   | 2.02                | 27   | 0.70%             | 1    |
| Policy Index                         |          | 8.84%     | 88   | 8.03%            | 41   | 0.00%    | 94   | 1.09            | 91   | 1.77                | 64   | 0.00%             | 1    |
| Large Cap Comp                       | 12.59%   | 18.95%    | 30   | 14.37%           | 51   | -0.55%   | 42   | 1.31            | 39   | 2.08                | 37   | 1.14%             | 1    |
| S&P 500                              |          | 18.45%    | 41   | 13.57%           | 30   | 0.00%    | 36   | 1.35            | 32   | 2.22                | 27   | 0.00%             | 1    |
| Small/Mid Cap Comp                   | 7.80%    | 19.87%    | 47   | 16.60%           | 30   | 3.32%    | 41   | 1.19            | 35   | 1.80                | 33   | 2.82%             | 1    |
| Russell 2000                         |          | 18.67%    | 65   | 18.60%           | 71   | 0.00%    | 79   | 1.00            | 74   | 1.51                | 64   | 0.00%             | 1    |
| Int'l Equity Comp                    | 10.69%   | 10.32%    | 76   | 16.96%           | 27   | 1.07%    | 72   | 0.60            | 70   | 0.91                | 67   | 2.13%             | 7    |
| MSCI EAFE                            |          | 10.04%    | 80   | 18.34%           | 59   | 0.00%    | 85   | 0.54            | 84   | 0.86                | 75   | 0.00%             | 1    |
| Emerging Market Comp                 | 5.59%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| MSCI Emerging Markets                |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Diversified Fixed                    | 17.42%   | 5.41%     | 35   | 3.45%            | 66   | 1.67%    | 36   | 1.55            | 48   | 2.12                | 52   | 1.64%             | 37   |
| Barclays Aggregate                   |          | 3.51%     | 67   | 2.85%            | 49   | 0.00%    | 86   | 1.20            | 78   | 1.62                | 83   | 0.00%             | 1    |
| High Yield Comp                      | 4.03%    | 10.70%    | 53   | 5.77%            | 25   | 1.78%    | 30   | 1.84            | 28   | 2.73                | 35   | 1.44%             | 52   |
| Barclays High Yield                  |          | 10.74%    | 52   | 6.88%            | 66   | 0.00%    | 73   | 1.55            | 74   | 2.39                | 63   | 0.00%             | 1    |
| Global Fixed Income Comp             | 2.75%    | 3.53%     | 84   | 6.48%            | 57   | 0.72%    | 91   | 0.53            | 87   | 0.88                | 74   | 2.03%             | 13   |
| Citi WGBI                            |          | 2.72%     | 93   | 5.96%            | 44   | 0.00%    | 97   | 0.44            | 93   | 0.60                | 94   | 0.00%             | 1    |
| Emerging Market Debt                 | 4.63%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| JP Morgan EMBI Global TR             |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| TIPS                                 | 2.64%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Barclays US TIPS                     |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Total Real Estate                    | 4.38%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| NCREIF Property Index                |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Hedge Fund Comp                      | 4.58%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| HFRI Fund of Funds Composite Index   |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| GAA Comp                             | 18.90%   | 8.93%     | 35   | 9.30%            | 48   | 1.81%    | 44   | 0.95            | 44   | 1.37                | 41   | 3.83%             | 26   |
| 60% MSCI ACWI (Net)/40%<br>CITI WGBI |          | 8.69%     | 37   | 10.62%           | 70   | 0.00%    | 55   | 0.81            | 48   | 1.26                | 46   | 0.00%             | 1    |
| Commodities                          | 3.67%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Dow Jones-UBS Commodity<br>Index TR  |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Cash                                 | 0.05%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| 91 Day T-Bills                       |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |



### Vermont Municipal Employees

### Total Fund Risk Statistics

|                                       |           |           |      |                  | ō Years En | ding June 30, | 2013 |                 |      |                     |      |                   |      |
|---------------------------------------|-----------|-----------|------|------------------|------------|---------------|------|-----------------|------|---------------------|------|-------------------|------|
|                                       | % of Tot  | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank       | Anlzd AJ      | Rank | Sharpe<br>Ratio | Rank | Sortino<br>Ratio RF | Rank | Tracking<br>Error | Rank |
| Municipal Composite                   | 100.00%   | 5.46%     | 46   | 13.12%           | 77         | 0.44%         | 63   | 0.40            | 62   | 0.44                | 72   | 2.67%             | 32   |
| Policy Index                          |           | 4.37%     | 80   | 11.23%           | 42         | 0.00%         | 78   | 0.37            | 73   | 0.44                | 71   | 0.00%             | 1    |
| Large Cap Comp                        | 12.59%    | 8.43%     | 24   | 20.41%           | 82         | 0.72%         | 40   | 0.40            | 39   | 0.50                | 44   | 2.80%             | 10   |
| S&P 500                               |           | 7.01%     | 53   | 18.42%           | 44         | 0.00%         | 52   | 0.37            | 50   | 0.47                | 50   | 0.00%             | 1    |
| Small/Mid Cap Comp                    | 7.80%     | 10.29%    | 42   | 22.58%           | 55         | 2.10%         | 45   | 0.45            | 43   | 0.58                | 46   | 2.96%             | 1    |
| Russell 2000                          |           | 8.77%     | 62   | 24.07%           | 77         | 0.00%         | 74   | 0.36            | 70   | 0.48                | 66   | 0.00%             | 1    |
| Int'l Equity Comp                     | 10.69%    | -0.81%    | 84   | 21.69%           | 24         | -0.23%        | 85   | -0.05           | 85   | -0.06               | 85   | 2.31%             | 5    |
| MSCI EAFE                             |           | -0.63%    | 83   | 22.98%           | 50         | 0.00%         | 83   | -0.03           | 83   | -0.05               | 84   | 0.00%             | 1    |
| Emerging Market Comp                  | 5.59%     |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| MSCI Emerging Markets                 |           |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| Diversified Fixed                     | 17.42%    | 5.85%     | 49   | 6.76%            | 74         | -0.74%        | 90   | 0.84            | 85   | 0.76                | 89   | 4.90%             | 72   |
| Barclays Aggregate                    |           | 5.19%     | 65   | 3.73%            | 44         | 0.00%         | 85   | 1.35            | 55   | 2.04                | 40   | 0.00%             | 1    |
| High Yield Comp                       | 4.03%     | 9.97%     | 55   | 10.08%           | 18         | 2.31%         | 22   | 0.97            | 21   | 0.78                | 55   | 5.09%             | 69   |
| Barclays High Yield                   |           | 10.94%    | 30   | 13.91%           | 87         | 0.00%         | 79   | 0.77            | 70   | 0.73                | 65   | 0.00%             | 1    |
| Global Fixed Income Comp              | 2.75%     | 5.21%     | 48   | 8.42%            | 56         | 2.20%         | 57   | 0.60            | 49   | 0.93                | 35   | 4.02%             | 30   |
| Citi WGBI                             |           | 3.04%     | 87   | 7.48%            | 35         | 0.00%         | 88   | 0.38            | 81   | 0.57                | 73   | 0.00%             | 1    |
| Emerging Market Debt                  | 4.63%     |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| JP Morgan EMBI Global TR              |           |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| TIPS                                  | 2.64%     |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| Barclays US TIPS                      |           |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| Total Real Estate                     | 4.38%     |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| NCREIF Property Index                 |           |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| Hedge Fund Comp                       | 4.58%     |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| HFRI Fund of Funds Composite<br>Index |           |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| GAA Comp                              | 18.90%    | 6.14%     | 17   | 13.52%           | 62         | 3.32%         | 35   | 0.44            | 38   | 0.48                | 48   | 4.23%             | 24   |
| 60% MSCI ACWI (Net)/40%<br>CITI WGBI  |           | 3.06%     | 74   | 14.05%           | 67         | 0.00%         | 73   | 0.21            | 68   | 0.27                | 68   | 0.00%             | 1    |
| Commodities                           | 3.67%     |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| Dow Jones-UBS Commodity<br>Index TR   |           |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
|                                       |           |           |      |                  |            |               |      |                 |      |                     |      |                   |      |
| Cash                                  | <br>0.05% |           |      |                  |            |               |      |                 |      |                     |      |                   |      |



## @Uf[Y'7Ud'8ca Ygh]W9ei ]hm

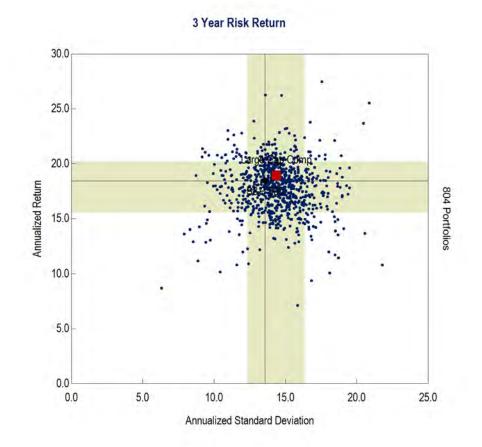


| 3 Years Ending June 30, 2013 |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
|------------------------------|----------|-----------|------|------------------|------|----------|------|-----------------|------|---------------------|------|-------------------|------|
|                              | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Sharpe<br>Ratio | Rank | Sortino<br>Ratio RF | Rank | Tracking<br>Error | Rank |
| Large Cap Comp               | 10.34%   | 18.95%    | 30   | 14.36%           | 51   | -0.54%   | 42   | 1.31            | 39   | 2.08                | 37   | 1.14%             | 1    |
| S&P 500                      |          | 18.45%    | 41   | 13.57%           | 30   | 0.00%    | 36   | 1.35            | 32   | 2.22                | 27   | 0.00%             | 1    |
| T. Rowe                      | 3.00%    | 18.46%    | 41   | 13.79%           | 35   | -0.26%   | 39   | 1.33            | 36   | 2.18                | 30   | 0.89%             | 1    |
| S&P 500                      |          | 18.45%    | 41   | 13.57%           | 30   | 0.00%    | 36   | 1.35            | 32   | 2.22                | 27   | 0.00%             | 1    |
| SSgA S&P 500 Cap-Wgt         | 4.70%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| S&P 500                      |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| SSgA S&P 500 Equal-Wgt       | 2.64%    | 19.75%    | 18   | 15.76%           | 79   | -0.37%   | 55   | 1.25            | 50   | 1.87                | 55   | 0.32%             | 1    |
| S&P 500 Equal Weighted       |          | 19.90%    | 17   | 15.59%           | 76   | 0.00%    | 50   | 1.27            | 46   | 1.88                | 53   | 0.00%             | 1    |



| 5 Years Ending June 30, 2013 |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
|------------------------------|----------|-----------|------|------------------|------|----------|------|-----------------|------|---------------------|------|-------------------|------|
|                              | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Sharpe<br>Ratio | Rank | Sortino<br>Ratio RF | Rank | Tracking<br>Error | Rank |
| Large Cap Comp               | 10.34%   | 8.40%     | 25   | 20.42%           | 82   | 0.69%    | 41   | 0.40            | 40   | 0.50                | 44   | 2.80%             | 10   |
| S&P 500                      |          | 7.01%     | 53   | 18.42%           | 44   | 0.00%    | 52   | 0.37            | 50   | 0.47                | 50   | 0.00%             | 1    |
| T. Rowe                      | 3.00%    | 7.41%     | 46   | 18.48%           | 45   | 0.39%    | 46   | 0.39            | 43   | 0.51                | 40   | 1.06%             | 1    |
| S&P 500                      |          | 7.01%     | 53   | 18.42%           | 44   | 0.00%    | 52   | 0.37            | 50   | 0.47                | 50   | 0.00%             | 1    |
| SSgA S&P 500 Cap-Wgt         | 4.70%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| S&P 500                      |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| SSgA S&P 500 Equal-Wgt       | 2.64%    | 10.31%    | 8    | 22.79%           | 96   | -0.34%   | 32   | 0.45            | 28   | 0.57                | 28   | 1.07%             | 1    |
| S&P 500 Equal Weighted       |          | 10.49%    | 7    | 22.42%           | 94   | 0.00%    | 28   | 0.46            | 24   | 0.60                | 24   | 0.00%             | 1    |





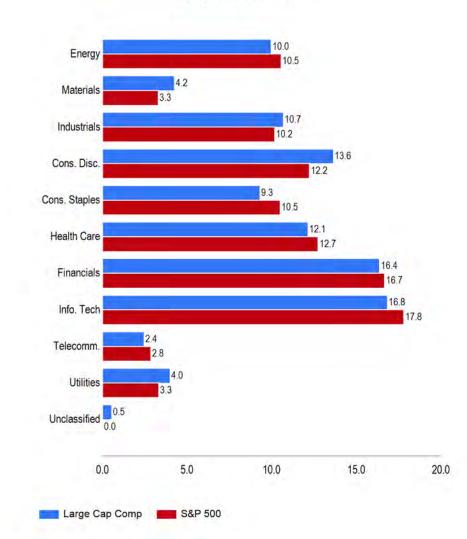
**3 Year Style Analysis** 





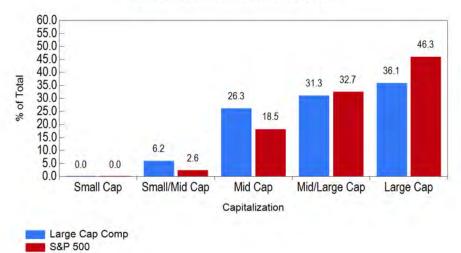
#### **Equity Characteristics**

|                                 | Portfolio | S&P 500 |
|---------------------------------|-----------|---------|
| Number of Holdings              | 531       | 500     |
| Weighted Avg. Market Cap. (\$B) | 83.7      | 102.7   |
| Median Market Cap. (\$B)        | 15.5      | 14.6    |
| Price To Earnings               | 20.2      | 18.9    |
| Price To Book                   | 3.6       | 3.4     |
| Price To Sales                  | 2.4       | 2.1     |
| Return on Equity (%)            | 19.1      | 18.4    |
| Yield (%)                       | 2.1       | 2.2     |
| Beta                            | 1.1       | 1.0     |
| R-Squared                       | 1.0       | 1.0     |



**Equity Sector Allocation** 

#### Market Capitalization As Of June 30, 2013





| Тор Те                | n Holdings |
|-----------------------|------------|
| EXXON MOBIL           | 2.1%       |
| APPLE                 | 2.1%       |
| MICROSOFT             | 1.5%       |
| GOOGLE 'A'            | 1.3%       |
| CHEVRON               | 1.3%       |
| JP MORGAN CHASE & CO. | 1.3%       |
| PROCTER & GAMBLE      | 1.3%       |
| JOHNSON & JOHNSON     | 1.2%       |
| GENERAL ELECTRIC      | 1.2%       |
| PFIZER                | 1.1%       |
|                       |            |

| <b>Top Positive</b> | Contributors |
|---------------------|--------------|
|                     | Relative     |

APPLE

T-MOBILE US

FIRST SOLAR

GAMESTOP 'A'

CARMAX

BOEING

INTERNATIONAL BUS.MCHS.

PHILIP MORRIS INTL.

ADVANCED MICRO DEVC.

MONSTER BEVERAGE

Contribution

%

0.1%

0.1%

0.1%

0.0%

0.0%

0.0%

0.0%

0.0%

0.0%

0.0%

Return %

-9.8%

-10.0%

125.4%

-5.7%

66.2%

60.0%

51.5%

27.4%

10.7%

19.9%

#### Top Negative Contributors

|                        | Relative       |          |
|------------------------|----------------|----------|
|                        | Contribution % | Return % |
| MICROSOFT              | -0.1%          | 21.6%    |
| WELLS FARGO & CO       | 0.0%           | 12.4%    |
| BERKSHIRE HATHAWAY 'B' | 0.0%           | 7.4%     |
| GOOGLE 'A'             | 0.0%           | 10.9%    |
| INTEL                  | 0.0%           | 12.0%    |
| FORD MOTOR             | 0.0%           | 18.5%    |
| JOHNSON & JOHNSON      | 0.0%           | 6.1%     |
| AMERICAN INTL.GP.      | 0.0%           | 15.1%    |
| CISCO SYSTEMS          | 0.0%           | 17.4%    |
| AUTODESK               | 0.0%           | -17.7%   |

#### **Equity Sector Attribution**

|               |         |           | Attribution Effects | -           | F         | Returns   | Sector Weights |           |  |
|---------------|---------|-----------|---------------------|-------------|-----------|-----------|----------------|-----------|--|
|               | Total   | Selection | Allocation          | Interaction |           |           |                |           |  |
|               | Effects | Effect    | Effect              | Effects     | Portfolio | Benchmark | Portfolio      | Benchmark |  |
| Energy        | 0.0%    | 0.0%      | 0.0%                | 0.0%        | -0.8%     | -0.4%     | 10.3%          | 10.9%     |  |
| Materials     | -0.1%   | 0.0%      | 0.0%                | 0.0%        | -2.2%     | -1.8%     | 4.4%           | 3.4%      |  |
| Industrials   | -0.1%   | -0.1%     | 0.0%                | 0.0%        | 2.3%      | 2.8%      | 10.8%          | 10.1%     |  |
| Cons. Disc.   | 0.1%    | 0.0%      | 0.1%                | 0.0%        | 7.3%      | 6.9%      | 13.3%          | 11.6%     |  |
| Cons. Staples | 0.1%    | 0.1%      | 0.0%                | 0.0%        | 1.4%      | 0.5%      | 9.4%           | 10.8%     |  |
| Health Care   | 0.0%    | 0.0%      | 0.0%                | 0.0%        | 3.8%      | 3.8%      | 12.1%          | 12.5%     |  |
| Financials    | 0.0%    | 0.0%      | 0.0%                | 0.0%        | 7.1%      | 7.3%      | 16.0%          | 16.0%     |  |
| Info. Tech    | 0.1%    | 0.1%      | 0.0%                | 0.0%        | 2.4%      | 1.7%      | 16.9%          | 18.1%     |  |
| Telecomm.     | 0.1%    | 0.1%      | 0.0%                | 0.0%        | 4.6%      | 2.0%      | 2.5%           | 3.0%      |  |
| Utilities     | 0.0%    | 0.0%      | 0.0%                | 0.0%        | -2.0%     | -2.7%     | 4.2%           | 3.5%      |  |
| Cash          | 0.0%    |           |                     | -           |           |           | 0.0%           | 0.0%      |  |
| Portfolio     | 0.2%    | = 0.2%    | + 0.1%              | + 0.0%      | 3.2%      | 3.0%      | 100.0%         | 100.0%    |  |



#### T. Rowe

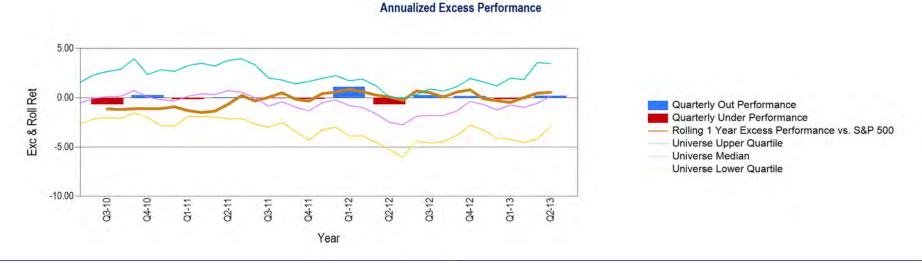
T. Rowe Price employs a fundamental, bottom-up approach to investing in equity assets. The strategy delivers a research portfolio managed by the firm's industry analysts and representing their best ideas. The Structured Research Strategy seeks to provide superior long-term returns and capture the style of the S&P 500 Stock Index by combining analyst-driven research and security selection with the benefits of disciplined portfolio construction. T. Rowe Price's approach results in an industry and sector neutral portfolio that aims to consistently and reliably provide alpha through bottom-up, fundamental research and stock selection, consistent excess returns, index like return volatility, low tracking error (below 175bps), and a high information ratio.



T. Rowe

▲ S&P 500

eA US Large Cap Equity Gross Accounts





### T. Rowe

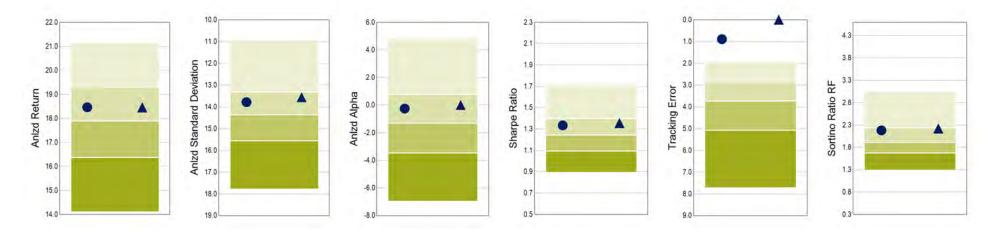


| Characteristics                 |           |         |
|---------------------------------|-----------|---------|
|                                 | Portfolio | S&P 500 |
| Number of Holdings              | 256       | 500     |
| Weighted Avg. Market Cap. (\$B) | 102.3     | 102.7   |
| Median Market Cap. (\$B)        | 20.3      | 14.6    |
| Price To Earnings               | 20.3      | 18.9    |
| Price To Book                   | 3.8       | 3.4     |
| Price To Sales                  | 2.5       | 2.1     |
| Return on Equity (%)            | 19.4      | 18.4    |
| Yield (%)                       | 2.0       | 2.2     |
| Beta                            | 1.0       | 1.0     |
| R-Squared                       | 1.0       | 1.0     |



68% Confidence Interval 

• eA US Large Cap Equity Gross



#### **3 Year Risk Statistics**



Using a replication process, we purchase each security for the Strategy in the same capitalization weight as it appears in the S&P 500 Index. Replication results in low turnover, accurate tracking, and low costs. SSgA's internal liquidity has allowed the firm to acquire many of the benchmark constituents for free. These free trading opportunities have allowed SSgA to gradually reduce security-level misweights while avoiding the open market. This process has resulted in portfolios that look and behave like the benchmark, and do so at a very low cost. SSgA's passive equity process objective is to remain fully invested in the equity market at all times. To accomplish this, it holds a small amount of unleveraged exchange-traded S&P 500® futures contracts to maintain full exposure. SSgA tends to hold approximately 1-3% of the strategy's value in suitable CFTC approved index futures contracts. This position in futures also allows the firm to accommodate cash flows into and out of the portfolio on a daily basis and to equitize dividend receivables to achieve closer tracking.

#### **Characteristics**

|                                 | Portfolio | S&P 500 |
|---------------------------------|-----------|---------|
| Number of Holdings              | 503       | 500     |
| Weighted Avg. Market Cap. (\$B) | 102.9     | 102.7   |
| Median Market Cap. (\$B)        | 14.5      | 14.6    |
| Price To Earnings               | 19.8      | 18.9    |
| Price To Book                   | 3.6       | 3.4     |
| Price To Sales                  | 2.4       | 2.1     |
| Return on Equity (%)            | 19.8      | 18.4    |
| Yield (%)                       | 2.2       | 2.2     |
| Beta                            |           | 1.0     |
| R-Squared                       |           | 1.0     |

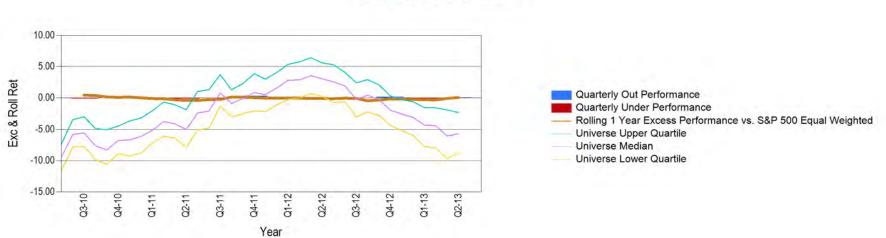






The Strategy is managed using a "passive" or "indexing" investment approach, by which SSgA attempts to match, before expenses, the performance of the Index. SSqA will typically attempt to invest in the securities comprising the Index, in the same proportions as they are represented in the Index. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSqA may employ a sampling or optimization technique to construct the portfolio in question. From time to time securities are added to or removed from the Index. SSgA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, in anticipation of their removal from or addition to the Index. The Strategy may at times purchase or sell futures contracts on the Index, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.

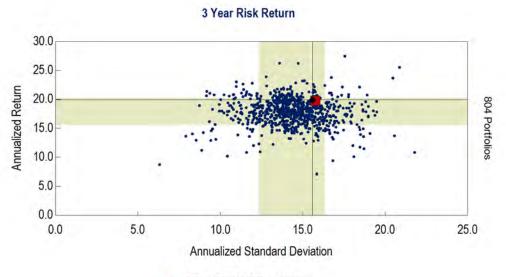
eA US Large Cap Equity Gross Accounts 35.0 30.0 25.0 Annualized Return (%) 20.0 15.0 10.0 5.0 0.0 -5.0 YTD Fiscal YTD 1 Year 3 Years 5 Years Quarter





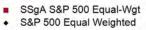


### SSgA S&P 500 Equal-Wgt



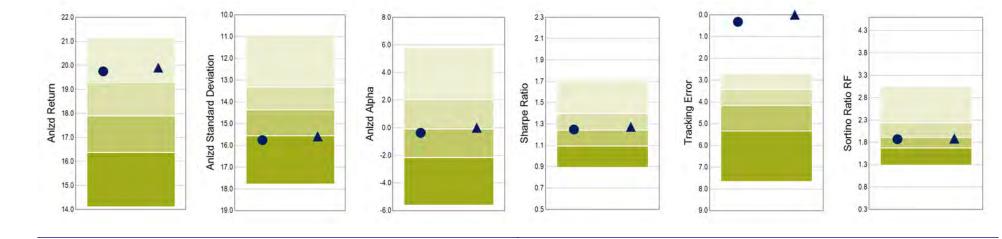
#### Characteristics

|                                 | Portfolio | S&P 500 |
|---------------------------------|-----------|---------|
| Number of Holdings              | 495       | 500     |
| Weighted Avg. Market Cap. (\$B) | 29.2      | 102.7   |
| Median Market Cap. (\$B)        | 14.2      | 14.6    |
| Price To Earnings               | 20.6      | 18.9    |
| Price To Book                   | 3.4       | 3.4     |
| Price To Sales                  | 2.2       | 2.1     |
| Return on Equity (%)            | 17.5      | 18.4    |
| Yield (%)                       | 1.9       | 2.2     |
| Beta                            | 1.1       | 1.0     |
| R-Squared                       | 1.0       | 1.0     |



68% Confidence Interval 

• eA US Large Cap Equity Gross



#### **3 Year Risk Statistics**



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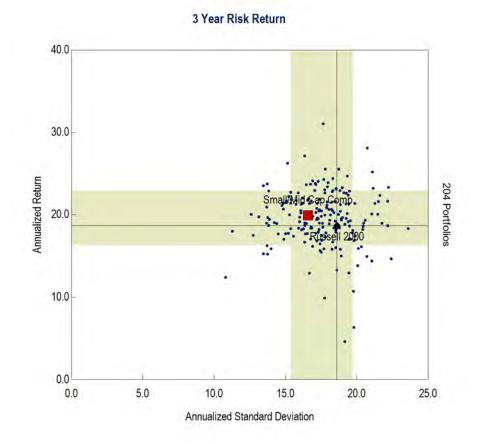


| 3 Years Ending June 30, 2013 |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
|------------------------------|----------|-----------|------|------------------|------|----------|------|-----------------|------|---------------------|------|-------------------|------|
|                              | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Sharpe<br>Ratio | Rank | Sortino<br>Ratio RF | Rank | Tracking<br>Error | Rank |
| Small/Mid Cap Comp           | 6.07%    | 19.90%    | 46   | 16.59%           | 30   | 3.36%    | 40   | 1.20            | 35   | 1.79                | 33   | 2.85%             | 1    |
| Russell 2000                 |          | 18.67%    | 65   | 18.60%           | 71   | 0.00%    | 79   | 1.00            | 74   | 1.51                | 64   | 0.00%             | 1    |
| SSgA S&P 400                 | 0.45%    | 20.98%    | 21   | 16.65%           | 53   | 1.66%    | 35   | 1.26            | 38   | 1.74                | 46   | 2.25%             | 2    |
| S&P 400 MidCap               |          | 19.45%    | 44   | 16.61%           | 53   | 0.00%    | 54   | 1.17            | 50   | 1.69                | 54   | 0.00%             | 1    |
| Champlain                    | 2.13%    | 19.39%    | 44   | 14.43%           | 16   | 3.74%    | 22   | 1.34            | 20   | 2.07                | 17   | 5.04%             | 61   |
| Russell 2500                 |          | 19.57%    | 41   | 17.48%           | 70   | 0.00%    | 66   | 1.12            | 60   | 1.60                | 64   | 0.00%             | 1    |
| Wellington                   | 1.99%    | 20.19%    | 37   | 16.27%           | 18   | 4.53%    | 21   | 1.24            | 20   | 1.83                | 15   | 3.33%             | 21   |
| Russell 2000 Value           |          | 17.33%    | 76   | 17.74%           | 50   | 0.00%    | 76   | 0.97            | 71   | 1.37                | 72   | 0.00%             | 1    |
| SSgA Russell 2000 Growth     | 1.50%    | 20.01%    | 69   | 19.64%           | 64   | 0.04%    | 73   | 1.01            | 71   | 1.65                | 53   | 0.14%             | 1    |
| Russell 2000 Growth          |          | 19.96%    | 69   | 19.64%           | 64   | 0.00%    | 74   | 1.01            | 72   | 1.63                | 54   | 0.00%             | 1    |



| 5 Years Ending June 30, 2013 |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
|------------------------------|----------|-----------|------|------------------|------|----------|------|-----------------|------|---------------------|------|-------------------|------|
|                              | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Sharpe<br>Ratio | Rank | Sortino<br>Ratio RF | Rank | Tracking<br>Error | Rank |
| Small/Mid Cap Comp           | 6.07%    | 10.33%    | 41   | 22.57%           | 55   | 2.14%    | 44   | 0.45            | 43   | 0.58                | 45   | 2.97%             | 1    |
| Russell 2000                 |          | 8.77%     | 62   | 24.07%           | 77   | 0.00%    | 74   | 0.36            | 70   | 0.48                | 66   | 0.00%             | 1    |
| SSgA S&P 400                 | 0.45%    | 9.95%     | 33   | 22.71%           | 75   | 0.87%    | 44   | 0.43            | 42   | 0.53                | 47   | 2.62%             | 1    |
| S&P 400 MidCap               |          | 8.91%     | 43   | 22.15%           | 64   | 0.00%    | 53   | 0.39            | 50   | 0.50                | 50   | 0.00%             | 1    |
| Champlain                    | 2.13%    |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Russell 2500                 |          |           |      |                  |      |          |      |                 |      |                     |      |                   |      |
| Wellington                   | 1.99%    | 12.45%    | 28   | 22.93%           | 41   | 4.46%    | 26   | 0.54            | 22   | 0.67                | 28   | 4.41%             | 18   |
| Russell 2000 Value           |          | 8.59%     | 79   | 24.31%           | 63   | 0.00%    | 83   | 0.35            | 78   | 0.45                | 81   | 0.00%             | 1    |
| SSgA Russell 2000 Growth     | 1.50%    | 8.92%     | 62   | 24.26%           | 70   | 0.05%    | 63   | 0.36            | 63   | 0.49                | 62   | 0.18%             | 1    |
| Russell 2000 Growth          |          | 8.89%     | 62   | 24.28%           | 70   | 0.00%    | 63   | 0.36            | 63   | 0.49                | 62   | 0.00%             | 1    |





#### 3 Year Style Analysis

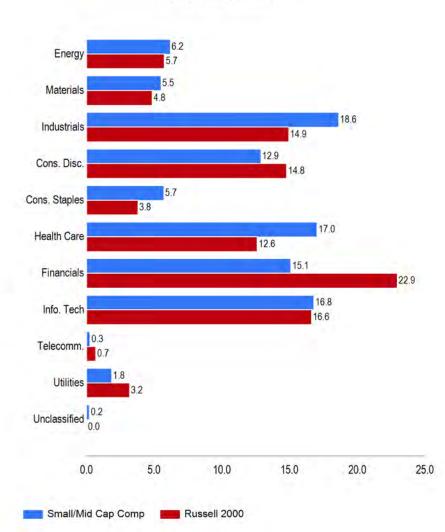




#### **Equity Characteristics**

|                                 | Portfolio | Russell 2000 |
|---------------------------------|-----------|--------------|
| Number of Holdings              | 1,478     | 1,934        |
| Weighted Avg. Market Cap. (\$B) | 4.1       | 1.6          |
| Median Market Cap. (\$B)        | 1.2       | 0.6          |
| Price To Earnings               | 23.2      | 21.2         |
| Price To Book                   | 3.3       | 2.6          |
| Price To Sales                  | 2.4       | 2.2          |
| Return on Equity (%)            | 14.3      | 11.3         |
| Yield (%)                       | 1.1       | 1.1          |
| Beta                            | 0.9       | 1.0          |
| R-Squared                       | 1.0       | 1.0          |





#### Equity Sector Allocation



| Top Ten Holdings      |      |
|-----------------------|------|
| BELDEN                | 1.2% |
| APTARGROUP            | 1.2% |
| WILLIS GROUP HOLDINGS | 1.0% |
| PARKER-HANNIFIN       | 1.0% |
| INTUIT                | 1.0% |
| DOVER                 | 0.9% |
| CAREFUSION            | 0.9% |
| NORTHERN TRUST        | 0.9% |
| ST.JUDE MEDICAL       | 0.9% |
| DENBURY RES.          | 0.8% |
|                       |      |

|                             | Relative       |          |
|-----------------------------|----------------|----------|
|                             | Contribution % | Return % |
| ILLUMINA                    | 0.2%           | 38.6%    |
| CEC ENTM.                   | 0.1%           | 26.1%    |
| ICU MED.                    | 0.1%           | 22.2%    |
| ST.JUDE MEDICAL             | 0.1%           | 13.5%    |
| LIFE TECHNOLOGIES           | 0.1%           | 14.5%    |
| BED BATH & BEYOND           | 0.1%           | 10.1%    |
| LABORATORY CORP.OF AM. HDG. | 0.1%           | 11.0%    |
| FORRESTER RESEARCH          | 0.1%           | 16.4%    |
| LOUISIANA PACIFIC           | 0.1%           | -31.5%   |
| DIEBOLD                     | 0.1%           | 12.2%    |
|                             |                |          |

#### **Top Positive Contributors**

#### **Top Negative Contributors**

|                                 | Relative          |          |
|---------------------------------|-------------------|----------|
|                                 | Contribution<br>% | Return % |
| ESCO TECHS.                     | -0.1%             | -20.6%   |
| UNITED STATIONERS               | -0.1%             | -12.8%   |
| NATIONAL INSTS.                 | -0.1%             | -14.3%   |
| WHITING PTL.                    | -0.1%             | -9.3%    |
| <b>BIO-RAD LABORATORIES 'A'</b> | -0.1%             | -11.0%   |
| DELTIC TIMBER                   | -0.1%             | -15.7%   |
| CHAS.RVR.LABS.INTL.             | -0.1%             | -7.3%    |
| SUNEDISON                       | -0.1%             | 85.7%    |
| DENBURY RES.                    | -0.1%             | -7.1%    |
| CAMPUS CREST COMMUNITIES        | -0.1%             | -15.8%   |

#### Equity Sector Attribution

|               |         |           | Attribution Effects | -           | F         | Sector Weights |           |           |
|---------------|---------|-----------|---------------------|-------------|-----------|----------------|-----------|-----------|
|               | Total   | Selection | Allocation          | Interaction |           |                |           |           |
|               | Effects | Effect    | Effect              | Effects     | Portfolio | Benchmark      | Portfolio | Benchmark |
| Energy        | 0.2%    | 0.2%      | 0.0%                | 0.0%        | -0.2%     | -3.3%          | 6.6%      | 6.0%      |
| Materials     | 0.1%    | 0.1%      | 0.0%                | 0.0%        | -5.0%     | -6.9%          | 4.9%      | 5.4%      |
| Industrials   | -0.3%   | -0.2%     | -0.1%               | 0.0%        | -0.5%     | 0.7%           | 17.9%     | 15.3%     |
| Cons. Disc.   | -0.7%   | -0.6%     | -0.1%               | 0.1%        | 5.6%      | 10.0%          | 11.8%     | 13.9%     |
| Cons. Staples | -0.3%   | -0.3%     | 0.2%                | -0.2%       | 1.4%      | 8.8%           | 6.5%      | 3.6%      |
| Health Care   | 0.3%    | 0.1%      | 0.1%                | 0.0%        | 6.5%      | 5.4%           | 16.4%     | 12.2%     |
| Financials    | 0.6%    | 0.5%      | 0.2%                | -0.2%       | 2.6%      | 0.3%           | 16.1%     | 23.2%     |
| Info. Tech    | -0.8%   | -0.9%     | 0.0%                | 0.0%        | 0.6%      | 5.9%           | 15.6%     | 16.5%     |
| Telecomm.     | 0.0%    | 0.0%      | 0.0%                | 0.0%        | 9.6%      | 8.9%           | 0.2%      | 0.6%      |
| Utilities     | 0.0%    | -0.1%     | 0.1%                | 0.0%        | -3.0%     | -0.4%          | 1.7%      | 3.4%      |
| Cash          | -0.1%   | 0.0%      | -0.1%               | 0.0%        | 0.0%      |                | 2.4%      | 0.0%      |
| Portfolio     | -1.0%   | = -1.0%   | + 0.2%              | + -0.2%     | 2.0%      | 3.0%           | 100.0%    | 100.0%    |

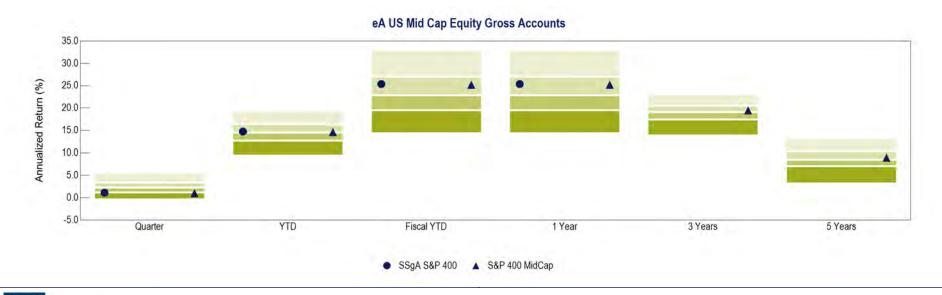


NEPC, LLC

The Strategy is managed using a "passive" or "indexing" investment approach, by which SSqA attempts to match, before expenses, the performance of the Index. SSgA will typically attempt to invest in the securities comprising the Index, in the same proportions as they are represented in the Index. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSgA may employ a sampling or optimization technique to construct the portfolio in question. From time to time securities are added to or removed from the Index. SSgA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, in anticipation of their removal from or addition to the Index. The Strategy may at times purchase or sell futures contracts on the Index, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.

#### **Characteristics**

|                                 | Portfolio | S&P 400<br>MidCap |
|---------------------------------|-----------|-------------------|
| Number of Holdings              | 402       | 400               |
| Weighted Avg. Market Cap. (\$B) | 4.6       | 4.6               |
| Median Market Cap. (\$B)        | 3.0       | 3.0               |
| Price To Earnings               | 24.6      | 23.0              |
| Price To Book                   | 3.3       | 3.0               |
| Price To Sales                  | 2.5       | 2.2               |
| Return on Equity (%)            | 14.9      | 13.9              |
| Yield (%)                       | 1.5       | 1.5               |
| Beta                            |           | 1.0               |
| R-Squared                       |           | 1.0               |



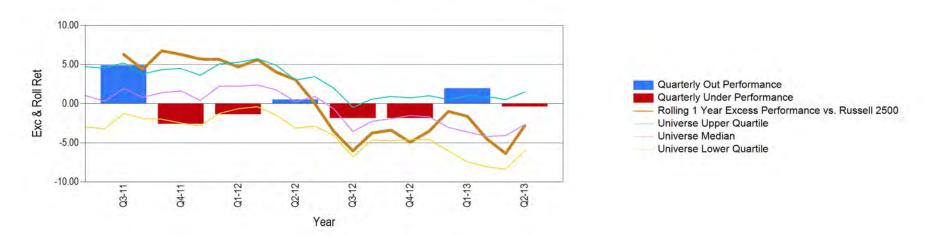
#### Champlain

Champlain employs a fundamental, bottom-up approach to investing in equity assets. They believe that superior companies purchased at attractive valuations have the highest probability to wealth creation. Champlain seeks strong businesses with credible and sincere management and aims to buy shares of their stock at discounts to fair or intrinsic value. Portfolio construction applies sector weight guidelines and position size rules to manage risk. The portfolio will have some exposure to at least seven out of the eight largest sectors of the S&P 400, with a maximum weighting on 25% in any one sector. Individual positions will not represent more than 2% of the respective companies' outstanding shares and are limited to no more than 5% of assets under management. The portfolio typically holds 50-75 securities with average position sizes of 2%. The strategy's minimum market cap is \$1.5 billion at purchase and a maximum market cap of \$15 billion. In general, no more than 10% of portfolio in stocks with a market cap below \$2B and no more than 5% of portfolio in companies with market cap above \$20B.



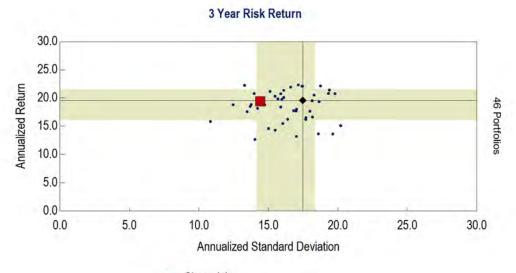
eA US Mid Cap Core Equity Gross Accounts







### Champlain



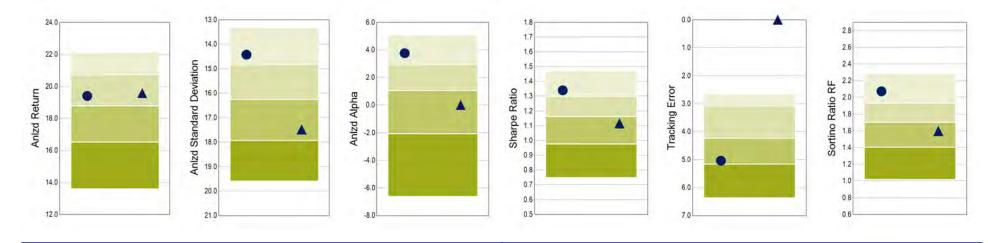
#### Characteristics

|                                 | Portfolio | Russell<br>2500 |
|---------------------------------|-----------|-----------------|
| Number of Holdings              | 70        | 2,428           |
| Weighted Avg. Market Cap. (\$B) | 8.0       | 3.4             |
| Median Market Cap. (\$B)        | 6.8       | 0.9             |
| Price To Earnings               | 23.6      | 21.7            |
| Price To Book                   | 3.6       | 2.8             |
| Price To Sales                  | 2.9       | 2.2             |
| Return on Equity (%)            | 15.7      | 12.6            |
| Yield (%)                       | 1.1       | 1.3             |
| Beta                            |           | 1.0             |
| R-Squared                       |           | 1.0             |



68% Confidence Interval

eA US Mid Cap Core Equity Gross

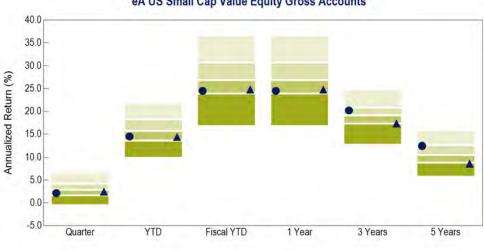


#### **3 Year Risk Statistics**



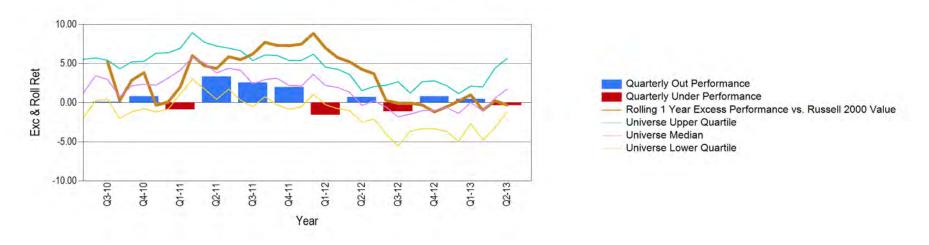
#### Wellington

Wellington's investment objective is to seek long-term total returns in excess of the Russell 2000 Value Index by investing in conservatively-valued securities of high-quality, small cap companies. Wellington employ a bottom-up stock selection process that utilizes Wellington Management's proprietary, fundamental research to identify undervalued companies that have the potential for significant longer-term rewards. The investment universe consists of all stocks generally between US\$100 million and US\$2 billion in market capitalization. These stocks are reviewed for certain financial and valuation requirements that correspond with our investment process and philosophy. The Small Cap Value Team conducts their own proprietary research and leverages the broader research of the firm as appropriate. The Portfolio is expected to have a lower P/E ratio and other value-oriented characteristics relative to the overall small cap market, with a similar market capitalization. The return on equity is expected to be higher than the small cap value indexes, consistent with the high-quality focus.



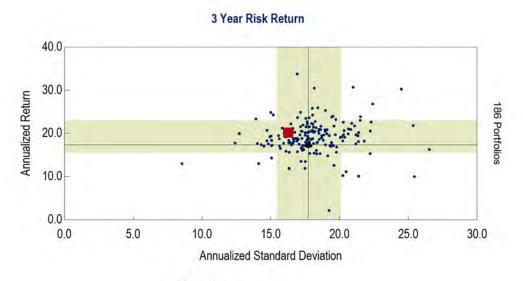
eA US Small Cap Value Equity Gross Accounts

**Annualized Excess Performance** 





### Wellington



#### Characteristics

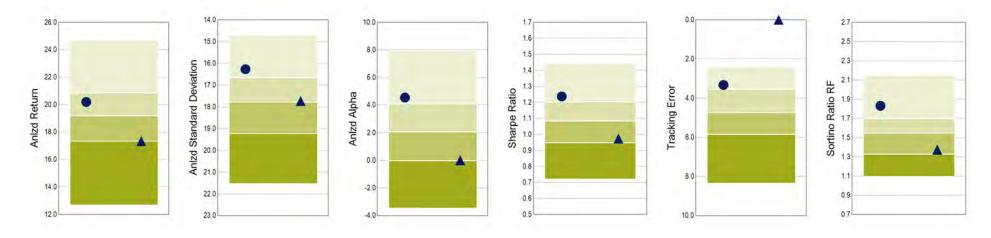
|                                 | Portfolio 20 | Russell<br>000 Value |
|---------------------------------|--------------|----------------------|
| Number of Holdings              | 77           | 1,392                |
| Weighted Avg. Market Cap. (\$B) | 1.6          | 1.4                  |
| Median Market Cap. (\$B)        | 1.4          | 0.5                  |
| Price To Earnings               | 20.4         | 17.8                 |
| Price To Book                   | 2.2          | 1.7                  |
| Price To Sales                  | 1.5          | 1.8                  |
| Return on Equity (%)            | 11.5         | 8.2                  |
| Yield (%)                       | 1.4          | 1.6                  |
| Beta                            |              | 1.0                  |
| R-Squared                       |              | 1.0                  |



Russell 2000 Value

68% Confidence Interval

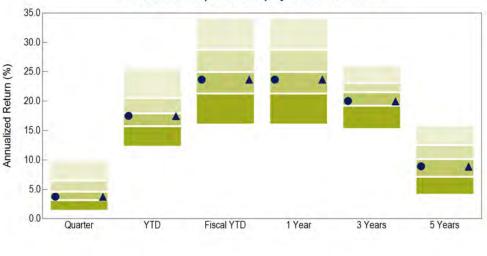
eA US Small Cap Value Equity Gross



#### **3 Year Risk Statistics**



The Strategy is managed using a "passive" or "indexing" investment approach, by which SSqA attempts to match, before expenses, the performance of the Index. SSqA will typically attempt to invest in the securities comprising the Index, in the same proportions as they are represented in the Index. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSqA may employ a sampling or optimization technique to construct the portfolio in question. From time to time securities are added to or removed from the Index. SSgA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, in anticipation of their removal from or addition to the Index. The Strategy may at times purchase or sell futures contracts on the Index, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.

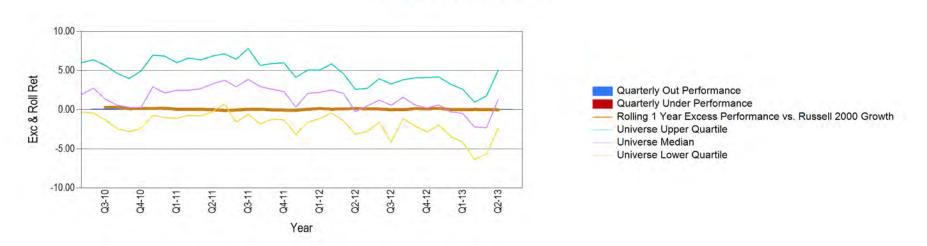


eA US Small Cap Growth Equity Gross Accounts



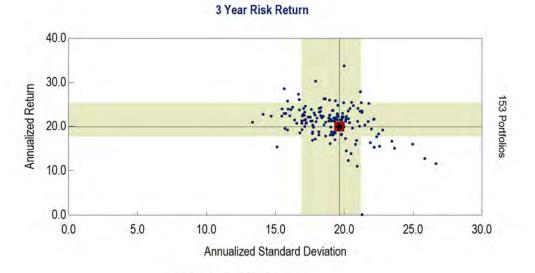








### SSgA Russell 2000 Growth



#### Characteristics

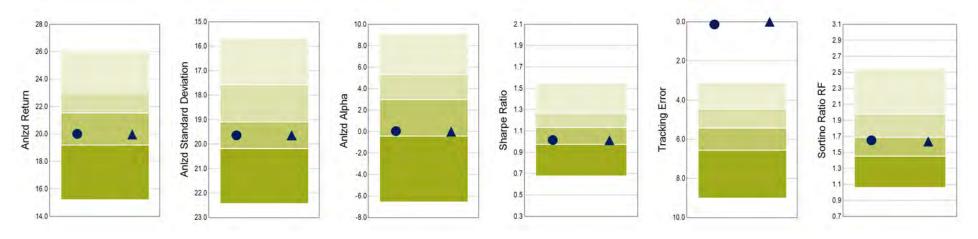
|                                 | Portfolio | Russell<br>2000<br>Growth |
|---------------------------------|-----------|---------------------------|
| Number of Holdings              | 1,075     | 1,101                     |
| Weighted Avg. Market Cap. (\$B) | 1.6       | 1.8                       |
| Median Market Cap. (\$B)        | 0.8       | 0.7                       |
| Price To Earnings               | 26.3      | 24.9                      |
| Price To Book                   | 4.7       | 4.1                       |
| Price To Sales                  | 2.9       | 2.7                       |
| Return on Equity (%)            | 15.9      | 16.2                      |
| Yield (%)                       | 0.7       | 0.5                       |
| Beta                            |           | 1.0                       |
| R-Squared                       |           | 1.0                       |

SSgA Russell 2000 Growth

Russell 2000 Growth

68% Confidence Interval

eA US Small Cap Growth Equity Gross



#### **3 Year Risk Statistics**



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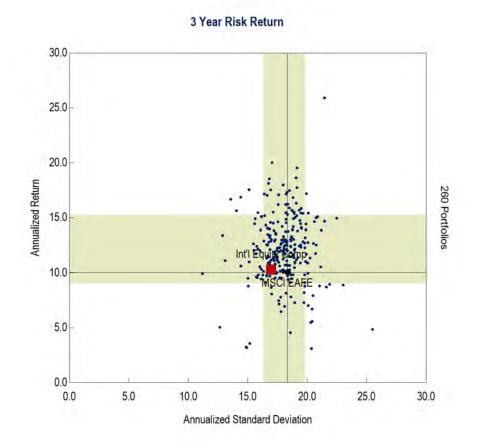


| 3 Years Ending June 30, 2013 |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
|------------------------------|----------|-----------|------|------------------|------|----------|------|-------------------|------|---------------------|------|-----------------------|------|
|                              | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Int'l Equity Comp            | 10.23%   | 10.30%    | 76   | 16.96%           | 26   | 1.04%    | 72   | 2.14%             | 7    | 0.91                | 67   | 91.06%                | 47   |
| MSCI EAFE                    |          | 10.04%    | 80   | 18.34%           | 59   | 0.00%    | 85   | 0.00%             | 1    | 0.86                | 75   | 100.00%               | 83   |
| Acadian                      | 4.05%    | 10.82%    | 71   | 17.88%           | 45   | 1.20%    | 71   | 3.40%             | 30   | 0.83                | 77   | 92.17%                | 50   |
| MSCI EAFE                    |          | 10.04%    | 80   | 18.34%           | 59   | 0.00%    | 85   | 0.00%             | 1    | 0.86                | 75   | 100.00%               | 83   |
| Mondrian                     | 4.03%    | 10.55%    | 75   | 16.31%           | 14   | 1.89%    | 61   | 4.82%             | 56   | 1.07                | 35   | 87.02%                | 29   |
| MSCI EAFE                    |          | 10.04%    | 80   | 18.34%           | 59   | 0.00%    | 85   | 0.00%             | 1    | 0.86                | 75   | 100.00%               | 83   |
| SSgA ACWI Ex US              | 2.15%    |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| MSCI ACWI ex USA             |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |



| 5 Years Ending June 30, 2013 |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
|------------------------------|----------|-----------|------|------------------|------|----------|------|-------------------|------|---------------------|------|-----------------------|------|
|                              | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Int'l Equity Comp            | 10.23%   | -0.47%    | 80   | 21.40%           | 18   | 0.10%    | 81   | 2.43%             | 5    | -0.04               | 80   | 96.48%                | 40   |
| MSCI EAFE                    |          | -0.63%    | 83   | 22.98%           | 50   | 0.00%    | 83   | 0.00%             | 1    | -0.05               | 84   | 100.00%               | 76   |
| Acadian                      | 4.05%    | -2.00%    | 91   | 23.70%           | 63   | -1.36%   | 91   | 4.14%             | 34   | -0.11               | 91   | 100.13%               | 76   |
| MSCI EAFE                    |          | -0.63%    | 83   | 22.98%           | 50   | 0.00%    | 83   | 0.00%             | 1    | -0.05               | 84   | 100.00%               | 76   |
| Mondrian                     | 4.03%    | 0.68%     | 63   | 20.09%           | 10   | 1.20%    | 64   | 4.99%             | 47   | 0.04                | 60   | 93.25%                | 21   |
| MSCI EAFE                    |          | -0.63%    | 83   | 22.98%           | 50   | 0.00%    | 83   | 0.00%             | 1    | -0.05               | 84   | 100.00%               | 76   |
| SSgA ACWI Ex US              | 2.15%    |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| MSCI ACWI ex USA             |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |





3 Year Style Analysis





#### **Equity Characteristics**

|                                 | Portfolio | MSCI EAFE |
|---------------------------------|-----------|-----------|
| Number of Holdings              | 595       | 908       |
| Weighted Avg. Market Cap. (\$B) | 43.7      | 54.5      |
| Median Market Cap. (\$B)        | 2.0       | 7.6       |
| Price To Earnings               | 15.4      | 17.5      |
| Price To Book                   | 1.9       | 2.1       |
| Price To Sales                  | 1.0       | 1.7       |
| Return on Equity (%)            | 14.0      | 13.5      |
| Yield (%)                       | 3.6       | 3.2       |
| Beta                            | 0.9       | 1.0       |
| R-Squared                       | 1.0       | 1.0       |

| Regional Allocation    |                   |           |  |  |  |  |
|------------------------|-------------------|-----------|--|--|--|--|
|                        | Int'l Equity Comp | MSCI EAFE |  |  |  |  |
| Region Weighting       |                   |           |  |  |  |  |
| North America ex U.S.  | 2.27              | 0.00      |  |  |  |  |
| United States          | 0.60              | 0.00      |  |  |  |  |
| Europe Ex U.K.         | 42.59             | 42.31     |  |  |  |  |
| United Kingdom         | 17.40             | 21.78     |  |  |  |  |
| Pacific Basin Ex Japan | 7.92              | 12.84     |  |  |  |  |
| Japan                  | 22.23             | 22.56     |  |  |  |  |
| Emerging Markets       | 5.47              | 0.00      |  |  |  |  |
| Other                  | 1.52              | 0.50      |  |  |  |  |

#### 11.9 Energy 7.0 5.6 Materials 8.0 14.2 Industrials 12.5 9.5 Cons. Disc. 11.7 9.7 Cons. Staples 11.8 11.4 Health Care 10.5 15.4 Financials 25.0 7.5 Info. Tech 4.6 8.7 Telecomm 5.2

5.5

3.8

5.0

10.0

MSCI EAFE

15.0

20.0

25.0

Utilities

Unclassified 0.7

0.0

Int'l Equity Comp

#### **Equity Sector Allocation**



30.0

| Top Ten Holdings        |      |  |  |  |  |
|-------------------------|------|--|--|--|--|
| ROYAL DUTCH SHELL A     | 2.5% |  |  |  |  |
| TOTAL                   | 2.2% |  |  |  |  |
| BP                      | 1.8% |  |  |  |  |
| IBERDROLA               | 1.5% |  |  |  |  |
| TEVA PHARM.INDS.ADR 1:1 | 1.5% |  |  |  |  |
| NOVARTIS 'R'            | 1.5% |  |  |  |  |
| NATIONAL GRID           | 1.5% |  |  |  |  |
| CANON                   | 1.5% |  |  |  |  |
| UNILEVER (UK)           | 1.4% |  |  |  |  |
| TESCO                   | 1.4% |  |  |  |  |

| Top Positive Contributors |                         |                |          |  |  |  |
|---------------------------|-------------------------|----------------|----------|--|--|--|
|                           |                         | Relative       |          |  |  |  |
|                           |                         | Contribution % | Return % |  |  |  |
|                           | DEUTSCHE TELEKOM        | 0.1%           | 17.6%    |  |  |  |
|                           | BHP BILLITON            | 0.1%           | -15.9%   |  |  |  |
|                           | IBERDROLA               | 0.1%           | 13.0%    |  |  |  |
|                           | NESTLE 'R'              | 0.1%           | -6.9%    |  |  |  |
|                           | HINO MOTORS             | 0.1%           | 36.4%    |  |  |  |
|                           | WESTPAC BANKING         | 0.1%           | -15.1%   |  |  |  |
|                           | NIPPON TELG. & TEL.     | 0.1%           | 18.5%    |  |  |  |
|                           | SAINT GOBAIN            | 0.1%           | 13.1%    |  |  |  |
|                           | TOKIO MARINE HOLDINGS   | 0.1%           | 12.3%    |  |  |  |
|                           | COMMONWEALTH BK.OF AUS. | 0.1%           | -10.7%   |  |  |  |
|                           |                         |                |          |  |  |  |

#### **Top Positive Contributors**

#### **Top Negative Contributors**

|                        | Relative          |          |
|------------------------|-------------------|----------|
|                        | Contribution<br>% | Return % |
| AMP                    | -0.2%             | -28.4%   |
| TAKEDA PHARMACEUTICAL  | -0.1%             | -15.7%   |
| SAMSUNG ELECTRONICS    | -0.1%             | -14.4%   |
| TURKIYE IS BANKASI 'C' | -0.1%             | -21.5%   |
| TESCO                  | -0.1%             | -10.8%   |
| SOFTBANK               | -0.1%             | 26.3%    |
| SUEDZUCKER             | -0.1%             | -26.6%   |
| CANON                  | -0.1%             | -8.1%    |
| LLOYDS BANKING GROUP   | -0.1%             | 29.6%    |
| ROCHE HOLDING          | -0.1%             | 6.4%     |

#### Equity Sector Attribution

|               |         |           | Attribution Effects | -           | F         | Returns   | Secto     | or Weights |
|---------------|---------|-----------|---------------------|-------------|-----------|-----------|-----------|------------|
|               | Total   | Selection | Allocation          | Interaction |           |           |           |            |
|               | Effects | Effect    | Effect              | Effects     | Portfolio | Benchmark | Portfolio | Benchmark  |
| Energy        | -0.2%   | 0.0%      | -0.1%               | 0.0%        | -2.9%     | -3.1%     | 11.0%     | 7.2%       |
| Materials     | 0.2%    | 0.1%      | 0.1%                | 0.0%        | -8.3%     | -8.1%     | 6.6%      | 8.5%       |
| Industrials   | 0.5%    | 0.4%      | 0.0%                | 0.1%        | 2.7%      | -1.3%     | 11.6%     | 12.6%      |
| Cons. Disc.   | -0.3%   | -0.3%     | -0.1%               | 0.1%        | 3.3%      | 5.7%      | 9.8%      | 11.0%      |
| Cons. Staples | 0.2%    | 0.2%      | 0.1%                | 0.0%        | -3.2%     | -4.4%     | 11.1%     | 12.4%      |
| Health Care   | -0.2%   | -0.1%     | 0.0%                | -0.1%       | -0.6%     | 0.9%      | 12.5%     | 10.4%      |
| Financials    | 0.0%    | -0.2%     | -0.1%               | 0.2%        | -1.9%     | -0.9%     | 18.6%     | 24.9%      |
| Info. Tech    | -0.1%   | 0.0%      | 0.1%                | -0.2%       | -0.1%     | 1.4%      | 7.4%      | 4.4%       |
| Telecomm.     | 0.0%    | -0.1%     | 0.1%                | 0.0%        | 3.5%      | 5.2%      | 6.9%      | 4.9%       |
| Utilities     | -0.1%   | -0.1%     | 0.0%                | 0.0%        | 1.5%      | 4.0%      | 4.6%      | 3.7%       |
| Cash          | 0.0%    |           |                     |             |           |           | 0.0%      | 0.0%       |
| Portfolio     | -0.1%   | = -0.3%   | + 0.2%              | + 0.0%      | -0.7%     | -0.7%     | 100.0%    | 100.0%     |



|                 | Country Alloc          | ation       |              |              |
|-----------------|------------------------|-------------|--------------|--------------|
|                 | Manager                | Index       | Manager      | Index        |
|                 | Allocation (USD) Alloc | ation (USD) | Return (USD) | Return (USD) |
| Americas        |                        |             |              |              |
| Brazil*         | 1.6%                   | 0.0%        | -15.3%       | -17.3%       |
| Canada          | 2.5%                   | 0.0%        | -6.0%        | -7.5%        |
| Chile*          | 0.1%                   | 0.0%        | -14.5%       | -14.9%       |
| Colombia*       | 0.1%                   | 0.0%        | -13.2%       | -13.2%       |
| Mexico*         | 0.3%                   | 0.0%        | -10.2%       | -11.2%       |
| Peru*           | 0.0%                   | 0.0%        | -27.4%       | -27.5%       |
| United States   | 0.1%                   | 0.0%        | 10.6%        | 2.6%         |
| Total-Americas  | 4.6%                   | 0.0%        | -9.6%        |              |
| Europe          |                        |             |              |              |
| Austria         | 0.4%                   | 0.3%        | 8.0%         | -2.5%        |
| Belgium         | 1.0%                   | 1.2%        | -7.8%        | -4.4%        |
| Czech Republic* | 0.0%                   | 0.0%        | -6.4%        | -8.4%        |
| Denmark         | 0.6%                   | 1.2%        | -5.0%        | -3.8%        |
| Finland         | 0.5%                   | 0.8%        | 5.2%         | 1.3%         |
| France          | 9.9%                   | 9.3%        | 5.8%         | 3.6%         |
| Germany         | 7.9%                   | 8.4%        | 3.2%         | 3.3%         |
| Greece          | 0.0%                   | 0.1%        | -7.2%        | -6.2%        |
| Hungary*        | 0.0%                   | 0.0%        | 13.1%        | 13.2%        |
| Ireland         | 0.1%                   | 0.3%        | 4.9%         | -1.5%        |
| Italy           | 2.1%                   | 2.0%        | 0.9%         | 1.2%         |
| Luxembourg      | 0.0%                   | 0.0%        | -4.0%        | -0.7%        |
| Netherlands     | 4.5%                   | 2.4%        | -0.6%        | 2.7%         |
| Norway          | 0.9%                   | 0.9%        | -8.4%        | -5.1%        |
| Poland*         | 0.1%                   | 0.0%        | -7.6%        | -4.7%        |
| Portugal        | 0.0%                   | 0.2%        | -0.9%        | 0.1%         |
| Russia*         | 0.3%                   | 0.0%        | -10.0%       | -8.7%        |
| Spain           | 2.8%                   | 2.8%        | 3.3%         | -0.1%        |
| Sweden          | 2.2%                   | 3.3%        | -3.4%        | -5.2%        |
| Switzerland     | 6.2%                   | 9.2%        | 1.2%         | 0.0%         |
| United Kingdom  | 17.6%                  | 21.6%       | -2.3%        | -1.9%        |
| Total-Europe    | 57.1%                  | 63.8%       | 0.6%         | -0.1%        |

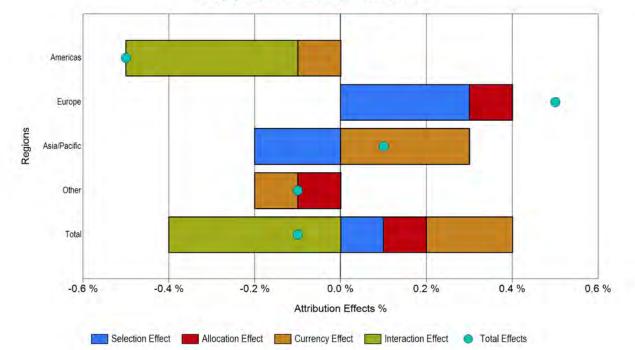
| Country Allocation<br>Versus MSCI EAFE - Quarter Ending June 30, 2013 |         |                  |              |              |  |  |
|---|---------|------------------|--------------|--------------|--|--|
|   | Manager | •                | Manager      | Index        |  |  |
|   | •       | Allocation (USD) | Return (USD) | Return (USD) |  |  |
| AsiaPacific   |         |                  |              |              |  |  |
| Australia   | 5.6%    | 9.2%             | -13.0%       | -13.9%       |  |  |
| China*  | 1.3%    | 0.0%             | -5.2%        | -6.8%        |  |  |
| Hong Kong   | 0.8%    | 3.2%             | -7.1%        | -4.7%        |  |  |
| India*  | 0.3%    | 0.0%             | -5.5%        | -5.6%        |  |  |
| Indonesia*  | 0.3%    | 0.0%             | -3.0%        | -6.8%        |  |  |
| Japan   | 21.8%   | 21.3%            | 2.9%         | 4.4%         |  |  |
| Korea*  | 1.5%    | 0.0%             | -11.0%       | -10.0%       |  |  |
| Malaysia*   | 0.2%    | 0.0%             | 7.5%         | 6.2%         |  |  |
| New Zealand   | 0.0%    | 0.1%             | -10.4%       | -10.4%       |  |  |
| Philippines*  | 0.1%    | 0.0%             | -8.2%        | -8.8%        |  |  |
| Singapore   | 3.1%    | 1.8%             | -4.4%        | -6.0%        |  |  |
| Taiwan*   | 1.1%    | 0.0%             | 8.4%         | 1.6%         |  |  |
| Thailand*   | 0.1%    | 0.0%             | -4.1%        | -8.6%        |  |  |
| Total-AsiaPacific   | 36.3%   | 35.7%            | -1.3%        | -1.7%        |  |  |
| Other   |         |                  |              |              |  |  |
| Egypt*  | 0.0%    | 0.0%             | -7.5%        | -9.7%        |  |  |
| Israel  | 1.1%    | 0.5%             | -0.7%        | -3.6%        |  |  |
| Morocco*  | 0.0%    | 0.0%             | -2.6%        | -3.2%        |  |  |
| South Africa*   | 0.4%    | 0.0%             | -7.2%        | -7.4%        |  |  |
| Turkey*   | 0.5%    | 0.0%             | -20.3%       | -15.5%       |  |  |
| Total-Other   | 2.0%    | 0.5%             | -7.1%        | -3.6%        |  |  |
| Totals  |         |                  |              |              |  |  |
| Developed   | 91.6%   | 100.0%           | -0.1%        | -0.7%        |  |  |
| Emerging*   | 8.4%    | 0.0%             | -7.7%        |              |  |  |
| Other   | 0.0%    |                  |              |              |  |  |
| Cash  | 0.0%    |                  |              |              |  |  |



| Return         Weight         Weight         Effect         Effect<   | International Equity Performance Attribution |         |           |           |        |           |            |              |           |         |
|---|--|---------|-----------|-----------|--------|-----------|------------|--------------|-----------|---------|
| Return         Return         Weight         Weight         Effect         Effect<   |  | R       | eturns an | d Weights |        |           | Attri      | bution Effec | ts        |         |
| Image: Second Se |  | Manager | Index     | Manager   | Index  | Selection | Allocation | Currency In  | teraction | Total   |
| Austria         8.0%         -2.5%         0.4%         0.3%         0.0%   |  | Return  | Return    | Weight    | Weight | Effect    | Effect     | Effect       | Effect    | Effects |
| Belgium         -7.8%         -4.4%         1.0%         1.2%         0.0%  | Europe                                       |         |           |           |        |           |            |              |           |         |
| Cech<br>Republic*         -6.4%         -8.4%         0.0%  | Austria                                      | 8.0%    | -2.5%     | 0.4%      | 0.3%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Republic*         -6.4%         -84%         0.0%   | Belgium                                      | -7.8%   | -4.4%     | 1.0%      | 1.2%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Finland         5.2%         1.3%         0.5%         0.8%         0.0%  | Czech<br>Republic*                           | -6.4%   | -8.4%     | 0.0%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| France         5.8%         3.6%         9.9%         9.3%         0.2%         0.0%         0.0%         0.0%         0.2%           Germany         3.2%         3.3%         7.9%         8.4%         0.0%         <   | Denmark                                      | -5.0%   | -3.8%     | 0.6%      | 1.2%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Germany         3.2%         3.3%         7.9%         8.4%         0.0%  | Finland                                      | 5.2%    | 1.3%      | 0.5%      | 0.8%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Greece         -7.2%         -6.2%         0.0%         0.1%         0.0%   | France                                       | 5.8%    | 3.6%      | 9.9%      | 9.3%   | 0.2%      | 0.0%       | 0.0%         | 0.0%      | 0.2%    |
| Hungary*         13.1%         13.2%         0.0%   | Germany                                      | 3.2%    | 3.3%      | 7.9%      | 8.4%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Ireland       4.9%       -1.5%       0.1%       0.3%       0.0%       0.0%       0.0%       0.0%       0.0%       0.0%         Italy       0.9%       1.2%       2.1%       2.0%       0.0%  | Greece                                       | -7.2%   | -6.2%     | 0.0%      | 0.1%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Italy         0.9%         1.2%         2.1%         2.0%         0.0%         0.0%         0.0%         0.0%         0.0%           Netherlands         -0.6%         2.7%         4.5%         2.4%         -0.1%         0.0%         0.0%         -0.1%         -0.1%           Norway         -8.4%         -5.1%         0.9%         0.9%         0.0%   | Hungary*                                     | 13.1%   | 13.2%     | 0.0%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Netherlands         -0.6%         2.7%         4.5%         2.4%         -0.1%         0.0%         0.0%         -0.1%         -0.1%           Norway         -8.4%         -5.1%         0.9%         0.9%         0.0%   | Ireland                                      | 4.9%    | -1.5%     | 0.1%      | 0.3%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Norway         -8.4%         -5.1%         0.9%         0.9%         0.0%   | Italy  | 0.9%    | 1.2%      | 2.1%      | 2.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Poland*         -7.6%         -4.7%         0.1%         0.0%  | Netherlands                                  | -0.6%   | 2.7%      | 4.5%      | 2.4%   | -0.1%     | 0.0%       | 0.0%         | -0.1%     | -0.1%   |
| Portugal         -0.9%         0.1%         0.0%         0.2%         0.0%  | Norway                                       | -8.4%   | -5.1%     | 0.9%      | 0.9%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Russia*         -10.0%         -8.7%         0.3%         0.0%         0.1%         0.0%         0.0%         0.0%         0.1%         0.0%         0.0%         0.1%         0.0%         0.0%         0.1%         0.0%         0.0%         0.1%         0.0%         0.0%         0.1%         0.0%         0.0%         0.1%         0.0%         0.0%         0.1%         0.1%         0.0%         0.0%         0.1%         0.1%         0.0%         0.0%         0.1%         0.1%         0.0%   | Poland*                                      | -7.6%   | -4.7%     | 0.1%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Spain         3.3%         -0.1%         2.8%         2.8%         0.1%         0.0%         0.0%         0.1%           Sweden         -3.4%         -5.2%         2.2%         3.3%         0.1%         0.0%         0.0%         0.1%           Switzerland         1.2%         0.0%         6.2%         9.2%         0.1%         0.0%         0.0%         0.1%           United         -2.3%         -1.9%         17.6%         21.6%         -0.1%         0.1%         0.0%         0.0%         0.1%           Americas         Brazil*         -15.3%         -17.3%         1.6%         0.0%         0.0%         -0.2%         0.0%         0.0%         -0.3%           Canada         -6.0%         -7.5%         2.5%         0.0%         0.0%         0.0%         -0.2%         0.0%         0.0%         -0.2%           Chile*         -14.5%         -14.9%         0.1%         0.0%   | Portugal                                     | -0.9%   | 0.1%      | 0.0%      | 0.2%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Sweden         -3.4%         -5.2%         2.2%         3.3%         0.1%         0.0%         0.0%         0.1%           Switzerland         1.2%         0.0%         6.2%         9.2%         0.1%         0.0%         0.0%         0.1%           United<br>Kingdom         -2.3%         -1.9%         17.6%         21.6%         -0.1%         0.1%         0.0%         0.0%         0.1%           Americas         E   | Russia*                                      | -10.0%  | -8.7%     | 0.3%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Switzerland         1.2%         0.0%         6.2%         9.2%         0.1%         0.0%         0.0%         0.1%           United<br>Kingdom         -2.3%         -1.9%         17.6%         21.6%         -0.1%         0.1%         0.0%         0.0%         0.1%           Americas         Brazil*         -15.3%         -17.3%         1.6%         0.0%         0.0%         -0.2%         0.0%         0.0%         -0.3%           Canada         -6.0%         -7.5%         2.5%         0.0%         0.0%         -0.1%         0.0%         0.0%         -0.2%           Chile*         -14.5%         -14.9%         0.1%         0.0% <td>Spain</td> <td>3.3%</td> <td>-0.1%</td> <td>2.8%</td> <td>2.8%</td> <td>0.1%</td> <td>0.0%</td> <td>0.0%</td> <td>0.0%</td> <td>0.1%</td>  | Spain  | 3.3%    | -0.1%     | 2.8%      | 2.8%   | 0.1%      | 0.0%       | 0.0%         | 0.0%      | 0.1%    |
| United<br>Kingdom         -2.3%         -1.9%         17.6%         21.6%         -0.1%         0.1%         0.0%         0.0%         0.1%           Americas         Brazil*         -15.3%         -17.3%         1.6%         0.0%         0.0%         -0.1%         0.0%         0.0%         -0.3%           Canada         -6.0%         -7.5%         2.5%         0.0%         0.0%         -0.1%         -0.1%         0.0%         -0.2%           Chile*         -14.5%         -14.9%         0.1%         0.0%   | Sweden                                       | -3.4%   | -5.2%     | 2.2%      | 3.3%   | 0.1%      | 0.0%       | 0.0%         | 0.0%      | 0.1%    |
| Kingdom         -2.3%         -1.9%         17.6%         21.6%         -0.1%         0.1%         0.0%         0.0%         0.1%           Americas         Brazil*         -15.3%         -17.3%         1.6%         0.0%<  | Switzerland                                  | 1.2%    | 0.0%      | 6.2%      | 9.2%   | 0.1%      | 0.0%       | 0.0%         | 0.0%      | 0.1%    |
| Brazil*         -15.3%         -17.3%         1.6%         0.0%         0.0%         -0.2%         0.0%         0.0%         -0.3%           Canada         -6.0%         -7.5%         2.5%         0.0%         0.0%         -0.1%         -0.1%         0.0%         -0.2%           Chile*         -14.5%         -14.9%         0.1%         0.0%<  | United<br>Kingdom                            | -2.3%   | -1.9%     | 17.6%     | 21.6%  | -0.1%     | 0.1%       | 0.0%         | 0.0%      | 0.1%    |
| Canada         -6.0%         -7.5%         2.5%         0.0%         0.0%         -0.1%         0.1%         0.0%         -0.2%           Chile*         -14.5%         -14.9%         0.1%         0.0%  | Americas                                     |         |           |           |        |           |            |              |           |         |
| Chile*         -14.5%         -14.9%         0.1%         0.0%   | Brazil*                                      | -15.3%  | -17.3%    | 1.6%      | 0.0%   | 0.0%      | -0.2%      | 0.0%         | 0.0%      | -0.3%   |
| Colombia*         -13.2%         -13.2%         0.1%         0.0%  | Canada                                       | -6.0%   | -7.5%     | 2.5%      | 0.0%   | 0.0%      | -0.1%      | -0.1%        | 0.0%      | -0.2%   |
| Mexico*         -10.2%         -11.2%         0.3%         0.0%  | Chile*                                       | -14.5%  | -14.9%    | 0.1%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| Peru* -27.4% -27.5% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%  | Colombia*                                    | -13.2%  | -13.2%    | 0.1%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
|   | Mexico*                                      | -10.2%  | -11.2%    | 0.3%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
| United States 10.6% 2.6% 0.1% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%   | Peru*  | -27.4%  | -27.5%    | 0.0%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |
|   | United States                                | 10.6%   | 2.6%      | 0.1%      | 0.0%   | 0.0%      | 0.0%       | 0.0%         | 0.0%      | 0.0%    |

#### International Equity Performance Attribution Attribution Effects **Returns and Weights** Index Manager Selection Allocation Currency Interaction Manager Index Total Return Return Weight Weight Effect Effect Effect Effect Effects AsiaPacific Australia -13.0% -13.9% 5.6% 9.2% 0.1% 0.1% 0.4% 0.0% 0.6% China\* -5.2% -6.8% 1.3% 0.0% 0.0% -0.1% 0.0% 0.0% -0.1% -7.1% -4.7% 0.8% 3.2% -0.1% 0.1% 0.0% 0.1% Hong Kong 0.1% India\* -5.5% -5.6% 0.3% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Indonesia\* -3.0% -6.8% 0.3% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 2.9% 4.4% 21.8% 21.3% -0.3% 0.0% 0.0% 0.0% -0.3% Japan Korea\* -11.0% -10.0% 1.5% 0.0% 0.0% -0.1% 0.0% 0.0% -0.2% Malaysia\* 7.5% 6.2% 0.2% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% New Zealand -10.4% -10.4% 0.0% 0.1% 0.0% 0.0% 0.0% 0.0% 0.0% Philippines\* -8.2% -8.8% 0.1% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% -4.4% 1.8% Singapore -6.0% 3.1% 0.0% -0.1% 0.0% 0.0% 0.0% Taiwan\* 8.4% 1.6% 1.1% 0.0% 0.0% 0.0% 0.0% 0.1% 0.1% Thailand\* -4.1% -8.6% 0.1% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Other -7.5% Egypt\* -9.7% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% -0.7% -3.6% 1.1% 0.5% 0.0% 0.0% 0.0% 0.0% 0.0% Israel -2.6% -3.2% 0.0% 0.0% 0.0% 0.0% 0.0% Morocco\* 0.0% 0.0% South Africa\* -7.2% 0.0% -7.4% 0.4% 0.0% 0.0% 0.0% 0.0% 0.0% Turkey\* -20.3% -15.5% 0.5% 0.0% 0.0% -0.1% 0.0% 0.0% -0.1% Other 0.0% 0.0% Countries\* Totals Developed -0.1% -0.7% 91.6% 100.0% 0.4% 0.0% 0.4% 0.0% 0.7% -7.7% 8.4% 0.0% 0.0% 0.0% -0.2% -0.6% -0.8% Emerging\* ---





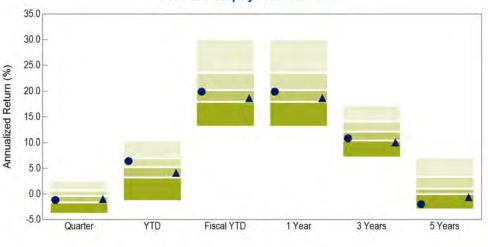
#### Int'l Equity Comp Performance Attribution vs. MSCI EAFE

|              |         | Returns and | Weights |        |           | Attri      | bution Effects |             |         |
|--------------|---------|-------------|---------|--------|-----------|------------|----------------|-------------|---------|
|              | Manager | Index       | Manager | Index  | Selection | Allocation | Currency       | Interaction | Total   |
|              | Return  | Return      | Weight  | Weight | Effect    | Effect     | Effect         | Effect      | Effects |
| Totals       |         |             |         |        |           |            |                |             |         |
| Americas     | -9.6%   |             | 4.6%    | 0.0%   | 0.0%      | 0.0%       | -0.1%          | -0.4%       | -0.5%   |
| Europe       | 0.6%    | -0.1%       | 57.1%   | 63.8%  | 0.3%      | 0.1%       | 0.0%           | 0.0%        | 0.5%    |
| Asia/Pacific | -1.3%   | -1.7%       | 36.3%   | 35.7%  | -0.2%     | 0.0%       | 0.3%           | 0.0%        | 0.1%    |
| Other        | -7.1%   | -3.6%       | 2.0%    | 0.5%   | 0.0%      | -0.1%      | -0.1%          | 0.0%        | -0.1%   |
| Total        | -0.7%   | -0.7%       | 100.0%  | 100.0% | 0.1%      | 0.1%       | 0.2%           | -0.4%       | -0.1%   |
| Totals       |         |             |         |        |           |            |                |             |         |
| Developed    | -0.1%   | -0.7%       | 91.6%   | 100.0% | 0.4%      | 0.0%       | 0.4%           | 0.0%        | 0.7%    |
| Emerging*    | -7.7%   |             | 8.4%    | 0.0%   | 0.0%      | 0.0%       | -0.2%          | -0.6%       | -0.8%   |



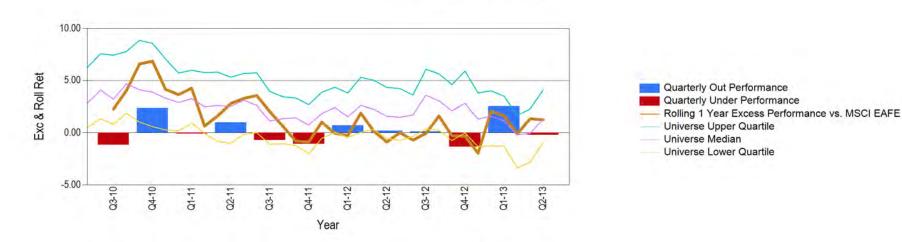
### Acadian

Acadian believes that the larger the pool of potential investments, the greater the potential opportunity an active manager has to add value. They believe that stocks and markets have many attributes that are related to potential outperformance, and that a successful investment approach must be multi-faceted and highly adaptable. They believe that objectivity is crucial to investment success. Acadian's quantitative process and extensive database allows them to apply their valuation techniques to over 40,000 stocks worldwide. They do not limit the universe other than to employ screens based on invest-ability and availability of data. For example, they only evaluate stocks that have sufficient daily trading volume to be appropriate for institutional investment. Other than these practical considerations, they consider our investment universe to encompass all institutionally investable stocks in the world.



eA All EAFE Equity Gross Accounts

Acadian A MSCI EAFE



Annualized Excess Performance



### Acadian



| Characteristics |
|-----------------|
|-----------------|

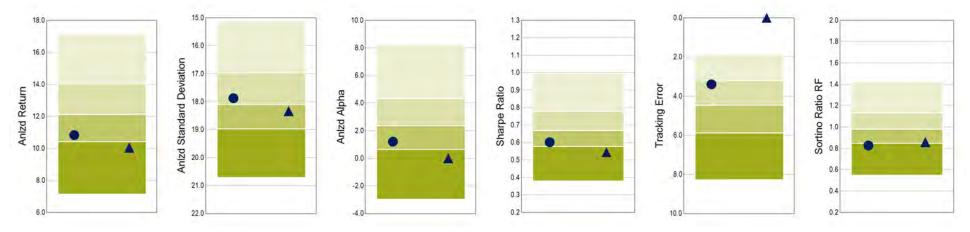
|                                 | Portfolio | MSCI<br>EAFE |
|---------------------------------|-----------|--------------|
| Number of Holdings              | 388       | 908          |
| Weighted Avg. Market Cap. (\$B) | 27.8      | 54.5         |
| Median Market Cap. (\$B)        | 0.8       | 7.6          |
| Price To Earnings               | 14.2      | 17.5         |
| Price To Book                   | 1.5       | 2.1          |
| Price To Sales                  | 0.8       | 1.7          |
| Return on Equity (%)            | 14.1      | 13.5         |
| Yield (%)                       | 3.1       | 3.2          |
| Beta                            |           | 1.0          |
| R-Squared                       |           | 1.0          |



MSCI EAFE

68% Confidence Interval

eA All EAFE Equity Gross

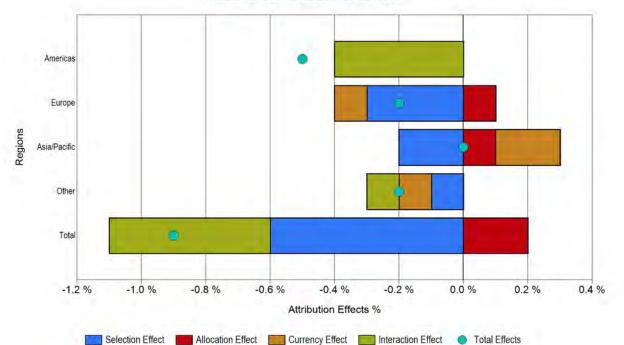


#### **3 Year Risk Statistics**

|                 | Country A        | llocation        |              |              |
|-----------------|------------------|------------------|--------------|--------------|
|                 | Manager          | Index            | Manager      | Index        |
|                 | Allocation (USD) | Allocation (USD) | Return (USD) | Return (USD) |
| Americas        |                  |                  |              |              |
| Brazil*         | 2.4%             | 0.0%             | -14.0%       | -17.3%       |
| Canada          | 2.3%             | 0.0%             | -3.6%        | -7.5%        |
| Chile*          | 0.0%             | 0.0%             |              |              |
| Colombia*       | 0.0%             | 0.0%             |              |              |
| Mexico*         | 0.1%             | 0.0%             | -2.7%        | -11.2%       |
| Peru*           | 0.0%             | 0.0%             |              |              |
| United States   | 0.2%             | 0.0%             | 10.6%        | 2.6%         |
| Total-Americas  | 4.9%             | 0.0%             | -8.0%        |              |
| Europe          |                  |                  |              |              |
| Austria         | 0.8%             | 0.3%             | 9.2%         | -2.5%        |
| Belgium         | 2.1%             | 1.2%             | -8.6%        | -4.4%        |
| Czech Republic* | 0.0%             | 0.0%             |              |              |
| Denmark         | 1.0%             | 1.2%             | -5.5%        | -3.8%        |
| Finland         | 0.9%             | 0.8%             | 6.5%         | 1.3%         |
| France          | 7.2%             | 9.3%             | 7.2%         | 3.6%         |
| Germany         | 11.4%            | 8.4%             | 0.9%         | 3.3%         |
| Greece          | 0.0%             | 0.1%             | -8.3%        | -6.2%        |
| Hungary*        | 0.0%             | 0.0%             |              |              |
| Ireland         | 0.1%             | 0.3%             | 4.5%         | -1.5%        |
| Italy           | 1.7%             | 2.0%             | 6.3%         | 1.2%         |
| Netherlands     | 4.0%             | 2.4%             | -2.4%        | 2.7%         |
| Norway          | 2.1%             | 0.9%             | -9.0%        | -5.1%        |
| Poland*         | 0.1%             | 0.0%             | -11.5%       | -4.7%        |
| Portugal        | 0.0%             | 0.2%             | -2.4%        | 0.1%         |
| Russia*         | 0.0%             | 0.0%             |              |              |
| Spain           | 0.2%             | 2.8%             | 6.4%         | -0.1%        |
| Sweden          | 4.5%             | 3.3%             | -2.9%        | -5.2%        |
| Switzerland     | 4.5%             | 9.2%             | 5.5%         | 0.0%         |
| United Kingdom  | 15.3%            | 21.6%            | -5.1%        | -1.9%        |
| Total-Europe    | 55.9%            | 63.8%            | -0.6%        | -0.1%        |
|                 |                  |                  |              |              |

| Country Allocation |                    |                  |              |              |  |  |  |  |  |
|--------------------|--------------------|------------------|--------------|--------------|--|--|--|--|--|
|                    | Manager            | Index            | Manager      | Index        |  |  |  |  |  |
|                    | Allocation (USD) A | Allocation (USD) | Return (USD) | Return (USD) |  |  |  |  |  |
| AsiaPacific        |                    |                  |              |              |  |  |  |  |  |
| Australia          | 5.5%               | 9.2%             | 5.6%         | -13.9%       |  |  |  |  |  |
| China*             | 0.6%               | 0.0%             | 0.9%         | 1.1%         |  |  |  |  |  |
| Hong Kong          | 0.9%               | 3.1%             | 3.2%         | -4.7%        |  |  |  |  |  |
| India*             | 0.0%               | 0.0%             |              |              |  |  |  |  |  |
| Indonesia*         | 0.3%               | 0.0%             | 6.2%         | 2.0%         |  |  |  |  |  |
| Japan              | 25.5%              | 21.3%            | 10.7%        | 4.4%         |  |  |  |  |  |
| Korea*             | 2.1%               | 0.0%             | -0.9%        | -2.4%        |  |  |  |  |  |
| Malaysia*          | 0.0%               | 0.0%             | 5.7%         | 4.7%         |  |  |  |  |  |
| New Zealand        | 0.0%               | 0.1%             |              | -10.4%       |  |  |  |  |  |
| Philippines*       | 0.0%               | 0.0%             |              |              |  |  |  |  |  |
| Singapore          | 2.7%               | 1.8%             | 1.9%         | -6.3%        |  |  |  |  |  |
| Taiwan*            | 0.5%               | 0.0%             | 5.0%         | 4.0%         |  |  |  |  |  |
| Thailand*          | 0.0%               | 0.0%             |              |              |  |  |  |  |  |
| Total-AsiaPacific  | 38.1%              | 35.6%            | 8.2%         | -1.7%        |  |  |  |  |  |
| Other              |                    |                  |              |              |  |  |  |  |  |
| Egypt*             | 0.0%               | 0.0%             |              |              |  |  |  |  |  |
| Israel             | 0.0%               | 0.5%             |              | -3.7%        |  |  |  |  |  |
| Morocco*           | 0.0%               | 0.0%             |              |              |  |  |  |  |  |
| South Africa*      | 0.0%               | 0.0%             |              |              |  |  |  |  |  |
| Turkey*            | 1.1%               | 0.0%             | 2.5%         | 2.0%         |  |  |  |  |  |
| Total-Other        | 1.1%               | 0.5%             | 2.5%         | -3.7%        |  |  |  |  |  |
| Totals             |                    |                  |              |              |  |  |  |  |  |
| Developed          | 92.8%              | 100.0%           | 5.6%         | -0.7%        |  |  |  |  |  |
| Emerging*          | 7.2%               | 0.0%             | 0.9%         |              |  |  |  |  |  |
| Other              | 0.0%               |                  |              |              |  |  |  |  |  |
| Cash               | 0.0%               |                  |              |              |  |  |  |  |  |





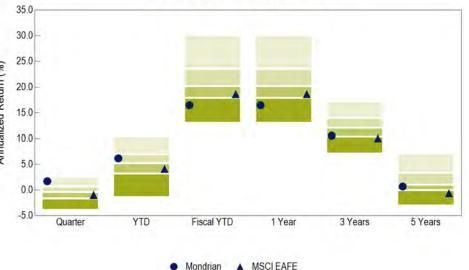
Acadian Performance Attribution vs. MSCI EAFE

|              |         | Returns and V | Weights             |        |           | Attribution Effects |          |             |         |  |
|--------------|---------|---------------|---------------------|--------|-----------|---------------------|----------|-------------|---------|--|
|              | Manager | Index         | Index Manager Index |        | Selection | Allocation          | Currency | Interaction | Total   |  |
|              | Return  | Return        | Weight              | Weight | Effect    | Effect              | Effect   | Effect      | Effects |  |
| Totals       |         |               |                     |        |           |                     |          |             |         |  |
| Americas     | -8.0%   |               | 4.9%                | 0.0%   | 0.0%      | 0.0%                | 0.0%     | -0.4%       | -0.5%   |  |
| Europe       | -0.6%   | -0.1%         | 55.9%               | 63.8%  | -0.3%     | 0.1%                | -0.1%    | 0.0%        | -0.2%   |  |
| Asia/Pacific | -1.5%   | -1.7%         | 38.1%               | 35.7%  | -0.2%     | 0.1%                | 0.2%     | 0.0%        | 0.0%    |  |
| Other        | -21.5%  | -3.6%         | 1.1%                | 0.5%   | -0.1%     | 0.0%                | -0.1%    | -0.1%       | -0.2%   |  |
| Total        | -1.6%   | -0.7%         | 100.0%              | 100.0% | -0.6%     | 0.2%                | 0.0%     | -0.5%       | -0.9%   |  |
| Totals       |         |               |                     |        |           |                     |          |             |         |  |
| Developed    | -0.9%   | -0.7%         | 92.8%               | 100.0% | -0.2%     | 0.0%                | 0.1%     | 0.0%        | -0.1%   |  |
| Emerging*    | -9.8%   |               | 7.2%                | 0.0%   | 0.0%      | 0.0%                | -0.1%    | -0.7%       | -0.8%   |  |

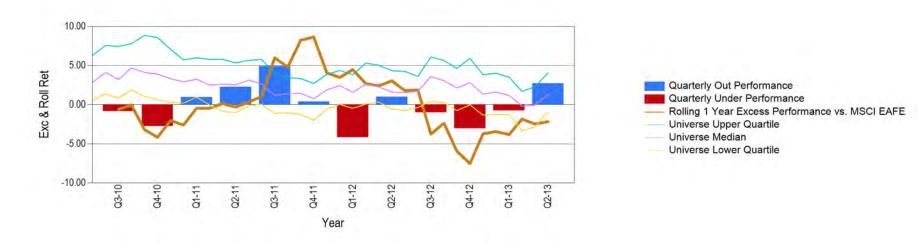


#### Mondrian

The firm is an active value-oriented defensive manager. The firm's value driven investment philosophy is based on the belief that investments need to be evaluated in terms of their fundamental long-term value. The firm believes that the value of a company lies in its future income stream as dividends represent the most direct form of cash flow to a shareholder. The firm uses an inflation adjusted dividend discount model to derive the underlying value of a company. This methodology is applied consistently to individual securities 🕄 across all markets and industries. The universe spans markets covered in the MSCI Indices and those developing markets with adequate investor protection and good repatriation procedures. The firm will then narrow the universe to a Annualized list of more than 1000 securities on the basis of value criteria, and then further reduce this to a shorter list of approximately 250 securities annually, for detailed fundamental analysis. The screens include basic value characteristics such as price to book, price to cash flow ratio, price to earnings ratio, and yield, as well as liquidity considerations. A focus list of approximately 80 securities is then created from that list of approximately 250 through fundamental research and deliberations of the Equity Strategy Committee. It is this list of securities on which more detailed fundamental analysis and financial modeling is carried out utilizing the dividend discount model, which is based on an evaluation of a company's future income stream, which is then discounted in real terms.



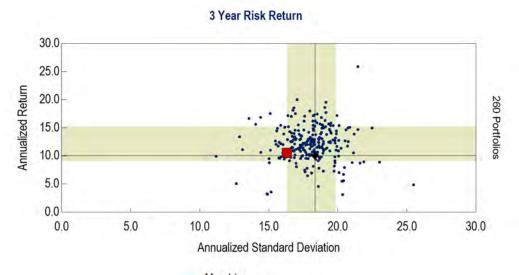
eA All EAFE Equity Gross Accounts



Annualized Excess Performance



### Mondrian



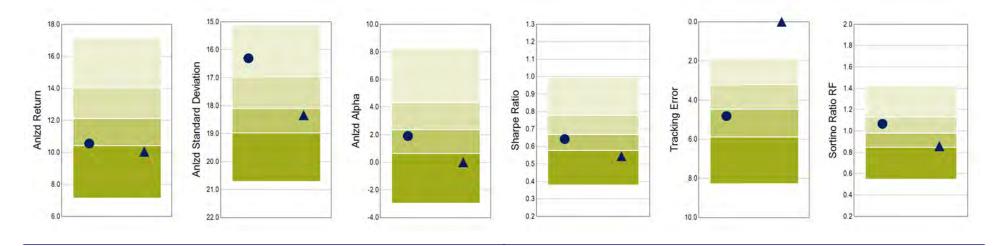
#### Characteristics

|                                 | Portfolio | MSCI<br>EAFE |
|---------------------------------|-----------|--------------|
| Number of Holdings              | 53        | 908          |
| Weighted Avg. Market Cap. (\$B) | 57.9      | 54.5         |
| Median Market Cap. (\$B)        | 32.3      | 7.6          |
| Price To Earnings               | 16.8      | 17.5         |
| Price To Book                   | 1.9       | 2.1          |
| Price To Sales                  | 1.2       | 1.7          |
| Return on Equity (%)            | 13.9      | 13.5         |
| Yield (%)                       | 4.2       | 3.2          |
| Beta                            |           | 1.0          |
| R-Squared                       |           | 1.0          |



MSCIEAFE
 68% Confidence Interval

eA All EAFE Equity Gross



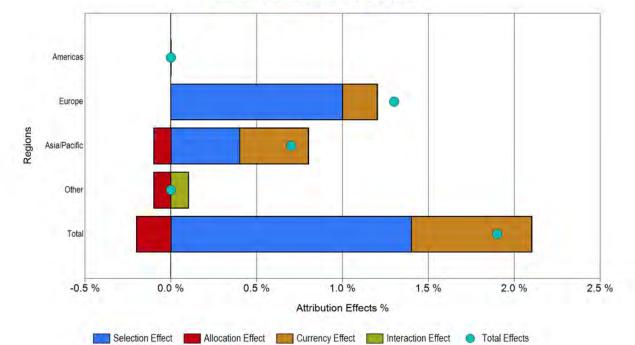
#### **3 Year Risk Statistics**



|                 | Country A        | llocation        |              |              |
|-----------------|------------------|------------------|--------------|--------------|
|                 | Manager          | Index            | Manager      | Index        |
|                 | Allocation (USD) | Allocation (USD) | Return (USD) | Return (USD) |
| Americas        |                  |                  |              |              |
| Brazil*         | 0.0%             | 0.0%             |              |              |
| Canada          | 0.0%             | 0.0%             |              |              |
| Chile*          | 0.0%             | 0.0%             |              |              |
| Colombia*       | 0.0%             | 0.0%             |              |              |
| Mexico*         | 0.0%             | 0.0%             |              |              |
| Peru*           | 0.0%             | 0.0%             |              |              |
| United States   | 0.0%             | 0.0%             |              |              |
| Total-Americas  | 0.0%             | 0.0%             |              |              |
| Europe          |                  |                  |              |              |
| Austria         | 0.0%             | 0.3%             |              | -2.5%        |
| Belgium         | 0.0%             | 1.2%             |              | -4.4%        |
| Czech Republic* | 0.0%             | 0.0%             |              |              |
| Denmark         | 0.0%             | 1.2%             |              | -3.8%        |
| Finland         | 0.0%             | 0.8%             |              | 1.3%         |
| France          | 14.4%            | 9.3%             | 5.5%         | 3.6%         |
| Germany         | 5.5%             | 8.4%             | 7.7%         | 3.3%         |
| Greece          | 0.0%             | 0.1%             |              | -6.2%        |
| Hungary*        | 0.0%             | 0.0%             |              |              |
| Ireland         | 0.0%             | 0.3%             |              | -1.5%        |
| Italy           | 2.9%             | 2.0%             | -2.2%        | 1.2%         |
| Netherlands     | 6.6%             | 2.4%             | 0.1%         | 2.7%         |
| Norway          | 0.0%             | 0.9%             |              | -5.1%        |
| Poland*         | 0.0%             | 0.0%             |              |              |
| Portugal        | 0.0%             | 0.2%             |              | 0.1%         |
| Russia*         | 0.0%             | 0.0%             |              |              |
| Spain           | 5.9%             | 2.8%             | 3.8%         | -0.1%        |
| Sweden          | 0.0%             | 3.3%             |              | -5.2%        |
| Switzerland     | 7.8%             | 9.2%             | -0.7%        | 0.0%         |
| United Kingdom  | 21.1%            | 21.6%            | -0.5%        | -1.9%        |
| Total-Europe    | 64.3%            | 63.8%            | 1.9%         | -0.1%        |
|                 |                  |                  |              |              |

| Country Allocation |                       |              |              |              |  |  |  |  |  |
|--------------------|-----------------------|--------------|--------------|--------------|--|--|--|--|--|
|                    | Manager               | Index        | Manager      | Index        |  |  |  |  |  |
|                    | Allocation (USD) Allo | cation (USD) | Return (USD) | Return (USD) |  |  |  |  |  |
| AsiaPacific        |                       |              |              |              |  |  |  |  |  |
| Australia          | 5.3%                  | 9.2%         | -12.2%       | -13.9%       |  |  |  |  |  |
| China*             | 0.5%                  | 0.0%         | 0.8%         | -6.8%        |  |  |  |  |  |
| Hong Kong          | 0.0%                  | 3.2%         |              | -4.7%        |  |  |  |  |  |
| India*             | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Indonesia*         | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Japan              | 21.8%                 | 21.3%        | 3.2%         | 4.4%         |  |  |  |  |  |
| Korea*             | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Malaysia*          | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| New Zealand        | 0.0%                  | 0.1%         |              | -10.4%       |  |  |  |  |  |
| Philippines*       | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Singapore          | 4.5%                  | 1.8%         | -2.1%        | -6.0%        |  |  |  |  |  |
| Taiwan*            | 1.0%                  | 0.0%         | 6.6%         | 1.6%         |  |  |  |  |  |
| Thailand*          | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Total-AsiaPacific  | 33.1%                 | 35.7%        | 0.0%         | -1.7%        |  |  |  |  |  |
| Other              |                       |              |              |              |  |  |  |  |  |
| Egypt*             | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Israel             | 2.6%                  | 0.5%         | -0.4%        | -3.6%        |  |  |  |  |  |
| Morocco*           | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| South Africa*      | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Turkey*            | 0.0%                  | 0.0%         |              |              |  |  |  |  |  |
| Total-Other        | 2.6%                  | 0.5%         | -0.4%        | -3.6%        |  |  |  |  |  |
| Totals             |                       |              |              |              |  |  |  |  |  |
| Developed          | 98.5%                 | 100.0%       | 1.2%         | -0.7%        |  |  |  |  |  |
| Emerging*          | 1.5%                  | 0.0%         | 4.6%         |              |  |  |  |  |  |
| Other              | 0.0%                  |              |              |              |  |  |  |  |  |
| Cash               | 0.0%                  |              |              |              |  |  |  |  |  |





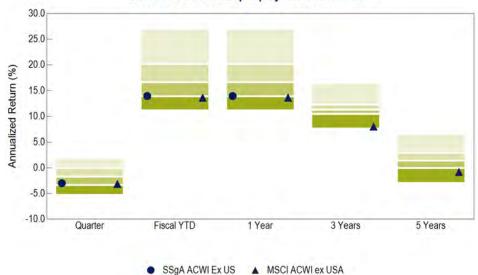
#### Mondrian Performance Attribution vs. MSCI EAFE

|              |                   | Returns and     | Weights           |                 |                     | Attribution Effects  |                    |                       |                  |  |
|--------------|-------------------|-----------------|-------------------|-----------------|---------------------|----------------------|--------------------|-----------------------|------------------|--|
|              | Manager<br>Return | Index<br>Return | Manager<br>Weight | Index<br>Weight | Selection<br>Effect | Allocation<br>Effect | Currency<br>Effect | Interaction<br>Effect | Total<br>Effects |  |
| Totals       |                   |                 |                   |                 |                     |                      |                    |                       |                  |  |
| Americas     |                   |                 |                   | 0.0%            |                     | 0.0%                 | 0.0%               |                       | 0.0%             |  |
| Europe       | 1.9%              | -0.1%           | 64.3%             | 63.8%           | 1.0%                | 0.0%                 | 0.2%               | 0.0%                  | 1.3%             |  |
| Asia/Pacific | 0.0%              | -1.7%           | 33.1%             | 35.7%           | 0.4%                | -0.1%                | 0.4%               | 0.0%                  | 0.7%             |  |
| Other        | -0.4%             | -3.6%           | 2.6%              | 0.5%            | 0.0%                | -0.1%                | 0.0%               | 0.1%                  | 0.0%             |  |
| Total        | 1.2%              | -0.7%           | 100.0%            | 100.0%          | 1.4%                | -0.2%                | 0.7%               | 0.0%                  | 1.9%             |  |
| Totals       |                   |                 |                   |                 |                     |                      |                    |                       |                  |  |
| Developed    | 1.2%              | -0.7%           | 98.5%             | 100.0%          | 1.2%                | 0.0%                 | 0.7%               | 0.0%                  | 1.9%             |  |
| Emerging*    | 4.6%              |                 | 1.5%              | 0.0%            | 0.0%                | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |



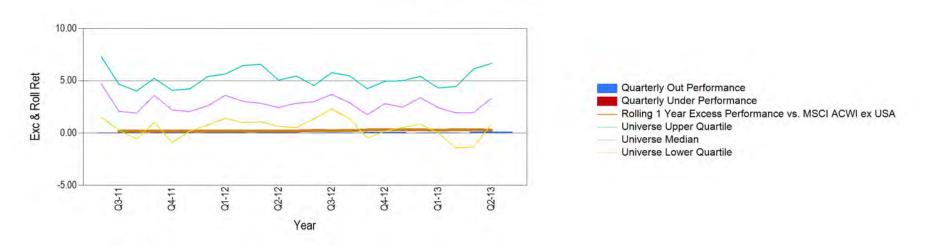
### SSgA ACWI Ex US

The MSCI ACWI ex US Index Strategy tends to hold each security that is held in the benchmark index, but the strategy will not be perfectly weighted in every index constituent on a daily basis. Holding securities in the perfect weights would require increased trading and therefore would incur costs. Thus, there will be securities in the fund that are either overor under-weighted relative to the benchmark. The individual security mis-weights are very minimal, usually within 1 basis point. However, in aggregate, these small mis-weights can add up and result in tracking error if the mis-weighted securities' performance is volatile. SSgA seek to replicate the index by attempting to hold every security in the fund in its appropriate index weight. SSgA trade only when there is a change to the Index, when we have participant cash flows, or when we receive significant dividend income into the fund.



eA ACWI ex-US All Cap Equity Gross Accounts

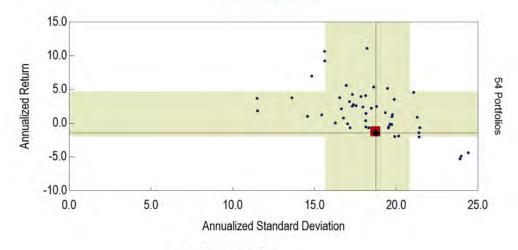
**Annualized Excess Performance** 





### SSgA ACWI Ex US

2 Year Risk Return



SSgA ACWI Ex US MSCI ACWI ex USA .

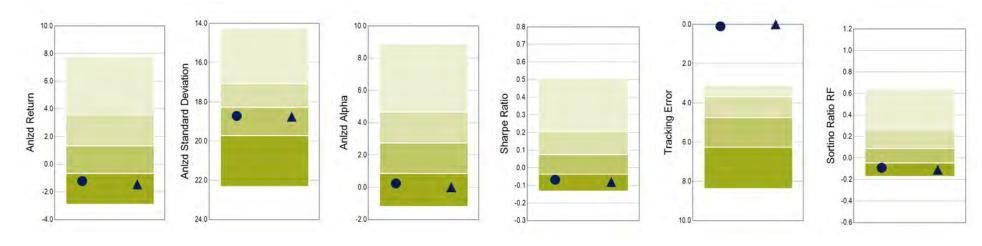
.

68% Confidence Interval 

eA ACWI ex-US All Cap Equity Gross .

#### Characteristics

|                                 | Portfolio | MSCI<br>ACWI ex<br>USA |
|---------------------------------|-----------|------------------------|
| Number of Holdings              | 169       | 1,823                  |
| Weighted Avg. Market Cap. (\$B) | 85.3      | 48.0                   |
| Median Market Cap. (\$B)        | 6.1       | 6.1                    |
| Price To Earnings               | 16.1      | 17.1                   |
| Price To Book                   | 1.9       | 2.2                    |
| Price To Sales                  | 1.6       | 1.8                    |
| Return on Equity (%)            | 14.0      | 15.1                   |
| Yield (%)                       | 3.2       | 3.1                    |
| Beta                            |           | 1.0                    |
| R-Squared                       |           | 1.0                    |



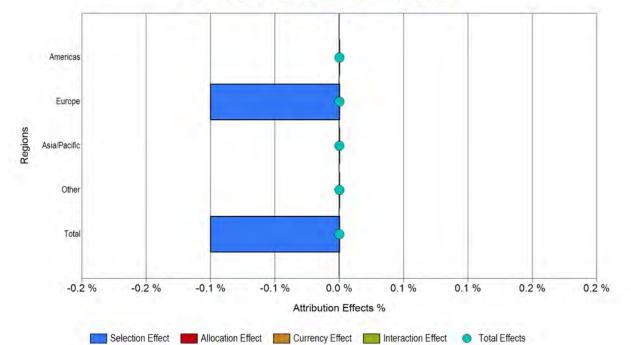
#### **2 Year Risk Statistics**

### SSgA ACWI Ex US

|                 | Country Allo          | ocation       |              |              |
|-----------------|-----------------------|---------------|--------------|--------------|
|                 | Manager               | Index         | Manager      | Index        |
|                 | Allocation (USD) Alle | ocation (USD) | Return (USD) | Return (USD) |
| Americas        |                       |               |              |              |
| Brazil*         | 3.0%                  | 2.9%          | -17.3%       | -17.3%       |
| Canada          | 7.5%                  | 7.5%          | -7.3%        | -7.3%        |
| Chile*          | 0.5%                  | 0.5%          | -14.5%       | -14.6%       |
| Colombia*       | 0.3%                  | 0.3%          | -13.2%       | -13.2%       |
| Mexico*         | 1.3%                  | 1.3%          | -10.9%       | -10.9%       |
| Peru*           | 0.1%                  | 0.1%          | -27.4%       | -27.4%       |
| United States   | 0.0%                  | 0.0%          |              |              |
| Total-Americas  | 12.7%                 | 12.6%         | -10.7%       | -10.6%       |
| Europe          |                       |               |              |              |
| Austria         | 0.2%                  | 0.2%          | -2.5%        | -2.5%        |
| Belgium         | 0.9%                  | 0.8%          | -4.4%        | -4.4%        |
| Czech Republic* | 0.1%                  | 0.1%          | -6.4%        | -6.4%        |
| Denmark         | 0.8%                  | 0.8%          | -3.8%        | -3.8%        |
| Finland         | 0.5%                  | 0.5%          | 1.3%         | 1.3%         |
| France          | 6.4%                  | 6.4%          | 3.7%         | 3.6%         |
| Germany         | 5.8%                  | 5.8%          | 3.3%         | 3.3%         |
| Greece          | 0.1%                  | 0.0%          | -6.2%        | -6.2%        |
| Hungary*        | 0.0%                  | 0.0%          | 13.1%        | 13.1%        |
| Ireland         | 0.1%                  | 0.2%          | 5.7%         | -1.5%        |
| Italy           | 1.3%                  | 1.4%          | 1.3%         | 1.2%         |
| Luxembourg      | 0.1%                  | 0.0%          | -4.0%        | -2.8%        |
| Netherlands     | 1.7%                  | 1.7%          | 2.7%         | 2.7%         |
| Norway          | 0.6%                  | 0.6%          | -5.1%        | -5.1%        |
| Poland*         | 0.4%                  | 0.3%          | -4.7%        | -4.7%        |
| Portugal        | 0.1%                  | 0.1%          | 0.1%         | 0.1%         |
| Russia*         | 1.4%                  | 1.4%          | -10.0%       | -8.2%        |
| Spain           | 1.9%                  | 1.9%          | -0.1%        | -0.1%        |
| Sweden          | 2.2%                  | 2.3%          | -5.2%        | -5.2%        |
| Switzerland     | 6.3%                  | 6.4%          | 0.0%         | 0.0%         |
| United Kingdom  | 14.9%                 | 15.0%         | -1.9%        | -1.9%        |
| Total-Europe    | 45.7%                 | 46.0%         | -0.4%        | -0.3%        |

|                   | Country Alloc         | ation        |              |              |
|-------------------|-----------------------|--------------|--------------|--------------|
|                   | Manager               | Index        | Manager      | Index        |
|                   | Allocation (USD) Allo | cation (USD) | Return (USD) | Return (USD) |
| AsiaPacific       |                       |              |              |              |
| Australia         | 6.3%                  | 6.4%         | -13.9%       | -13.9%       |
| China*            | 4.3%                  | 4.2%         | -6.5%        | -6.5%        |
| Hong Kong         | 2.2%                  | 2.2%         | -4.7%        | -4.7%        |
| India*            | 1.6%                  | 1.5%         | -5.5%        | -5.5%        |
| Indonesia*        | 0.7%                  | 0.7%         | -5.8%        | -5.8%        |
| Japan             | 14.7%                 | 14.8%        | 4.4%         | 4.4%         |
| Korea*            | 3.5%                  | 3.4%         | -10.0%       | -10.0%       |
| Malaysia*         | 0.8%                  | 0.8%         | 6.3%         | 6.3%         |
| New Zealand       | 0.1%                  | 0.1%         | -10.4%       | -10.4%       |
| Philippines*      | 0.3%                  | 0.2%         | -8.2%        | -8.2%        |
| Singapore         | 1.3%                  | 1.3%         | -5.8%        | -6.0%        |
| Taiwan*           | 2.5%                  | 2.5%         | 1.7%         | 1.7%         |
| Thailand*         | 0.6%                  | 0.6%         | -4.1%        | -7.4%        |
| Total-AsiaPacific | 38.9%                 | 38.8%        | -2.9%        | -2.9%        |
| Other             |                       |              |              |              |
| Egypt*            | 0.1%                  | 0.1%         | -7.5%        | -7.2%        |
| Israel            | 0.4%                  | 0.4%         | -3.7%        | -3.6%        |
| Morocco*          | 0.0%                  | 0.0%         | -2.6%        | -2.6%        |
| South Africa*     | 1.7%                  | 1.6%         | -7.2%        | -7.2%        |
| Turkey*           | 0.5%                  | 0.5%         | -15.2%       | -15.2%       |
| Total-Other       | 2.6%                  | 2.6%         | -8.2%        | -8.2%        |
| Totals            |                       |              |              |              |
| Developed         | 76.5%                 | 76.8%        | -1.3%        | -1.3%        |
| Emerging*         | 23.5%                 | 23.2%        | -7.9%        | -7.9%        |
| Other             | 0.0%                  |              |              |              |
| Cash              | 0.0%                  |              |              |              |





#### SSgA ACWI Ex US Performance Attribution vs. MSCI ACWI ex USA

|              |                   | Returns and \   | Neights           |                 |                     | Attribution Effects  |                    |                       |                  |  |
|--------------|-------------------|-----------------|-------------------|-----------------|---------------------|----------------------|--------------------|-----------------------|------------------|--|
|              | Manager<br>Return | Index<br>Return | Manager<br>Weight | Index<br>Weight | Selection<br>Effect | Allocation<br>Effect | Currency<br>Effect | Interaction<br>Effect | Total<br>Effects |  |
| Totals       |                   |                 |                   |                 |                     |                      |                    |                       |                  |  |
| Americas     | -10.7%            | -10.6%          | 12.7%             | 12.6%           | 0.0%                | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |
| Europe       | -0.4%             | -0.3%           | 45.7%             | 46.0%           | -0.1%               | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |
| Asia/Pacific | -2.9%             | -2.9%           | 38.9%             | 38.8%           | 0.0%                | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |
| Other        | -8.2%             | -8.2%           | 2.6%              | 2.6%            | 0.0%                | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |
| Total        | -2.9%             | -2.8%           | 100.0%            | 100.0%          | -0.1%               | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |
| Totals       |                   |                 |                   |                 |                     |                      |                    |                       |                  |  |
| Developed    | -1.3%             | -1.3%           | 76.5%             | 76.8%           | 0.0%                | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |
| Emerging*    | -7.9%             | -7.9%           | 23.5%             | 23.2%           | -0.1%               | 0.0%                 | 0.0%               | 0.0%                  | 0.0%             |  |



## 9a Yf[]b[ 'A Uf\_Yh'9ei ]hm



| 3 Years Ending June 30, 2013 |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
|------------------------------|----------|-----------|------|------------------|------|----------|------|-------------------|------|---------------------|------|-----------------------|------|
|                              | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Emerging Market Comp         | 6.17%    |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| MSCI Emerging Markets        |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| Aberdeen                     | 6.17%    | 10.07%    | 11   | 18.94%           | 18   | 7.06%    | 10   | 4.65%             | 55   | 0.81                | 7    | 80.57%                | 13   |
| MSCI Emerging Markets        |          | 3.38%     | 72   | 20.86%           | 60   | 0.00%    | 71   | 0.00%             | 1    | 0.24                | 69   | 100.00%               | 74   |

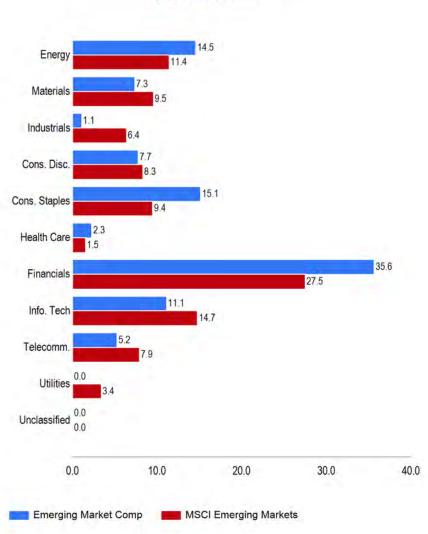


|                       |          |           |      | ę                | 5 Years En | ding June 30, | 2013 |                   |      |                     |      |                       |      |
|-----------------------|----------|-----------|------|------------------|------------|---------------|------|-------------------|------|---------------------|------|-----------------------|------|
|                       | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank       | Anlzd AJ      | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Emerging Market Comp  | 6.17%    |           |      |                  |            |               |      |                   |      |                     |      |                       |      |
| MSCI Emerging Markets |          |           |      |                  |            |               |      |                   |      |                     |      |                       |      |
| Aberdeen              | 6.17%    | 8.69%     | 6    | 25.16%           | 10         | 9.05%         | 5    | 5.81%             | 67   | 0.46                | 5    | 87.87%                | 8    |
| MSCI Emerging Markets |          | -0.43%    | 67   | 27.77%           | 47         | 0.00%         | 67   | 0.00%             | 1    | -0.03               | 67   | 100.00%               | 62   |



Equity Characteristics

|                                 | Portfolio | ASCI Emerging<br>Markets |
|---------------------------------|-----------|--------------------------|
| Number of Holdings              | 58        | 820                      |
| Weighted Avg. Market Cap. (\$B) | 31.9      | 32.7                     |
| Median Market Cap. (\$B)        | 17.5      | 4.2                      |
| Price To Earnings               | 16.6      | 15.7                     |
| Price To Book                   | 3.1       | 2.4                      |
| Price To Sales                  | 3.0       | 2.2                      |
| Return on Equity (%)            | 20.9      | 18.3                     |
| Yield (%)                       | 2.8       | 2.8                      |
| Beta                            |           | 1.0                      |
| R-Squared                       |           | 1.0                      |







| Top Ten Holdings                     |      |  |  |  |  |  |  |
|--------------------------------------|------|--|--|--|--|--|--|
| SAMSUNG ELTN.PREF.                   | 4.6% |  |  |  |  |  |  |
| CHINA MOBILE                         | 3.9% |  |  |  |  |  |  |
| TAIWAN SEMICON.MNFG.                 | 3.9% |  |  |  |  |  |  |
| BNC.BRADESCO PF.SPN.ADR 1:1          | 3.2% |  |  |  |  |  |  |
| ASTRA INTERNATIONAL                  | 3.1% |  |  |  |  |  |  |
| FOM.ECO.MEXNO.SAB DE CV SPN.ADR 1:10 | 3.1% |  |  |  |  |  |  |
| LUKOIL OAO SPN.ADR 1:1               | 3.0% |  |  |  |  |  |  |
| ULTRAPAR PARTP.ON NM                 | 2.7% |  |  |  |  |  |  |
| PTRO.BRAO.ADR 1:2                    | 2.7% |  |  |  |  |  |  |
| INFOSYS                              | 2.6% |  |  |  |  |  |  |

| Top Positive Contributors     |                |          |  |  |  |  |  |  |
|-------------------------------|----------------|----------|--|--|--|--|--|--|
|                               |                |          |  |  |  |  |  |  |
|                               | Contribution % | Return % |  |  |  |  |  |  |
| TAIWAN MOBILE                 | 0.2%           | 16.5%    |  |  |  |  |  |  |
| HINDUSTAN UNILEVER            | 0.2%           | 14.6%    |  |  |  |  |  |  |
| TAIWAN SEMICON.MNFG.          | 0.1%           | 10.2%    |  |  |  |  |  |  |
| OJSC MAGNIT GDR (FRA) (REG S) | 0.1%           | 23.1%    |  |  |  |  |  |  |
| RICHTER GEDEON                | 0.1%           | 9.0%     |  |  |  |  |  |  |
| CIMB GROUP HOLDINGS           | 0.1%           | 8.9%     |  |  |  |  |  |  |
| PUBLIC BANK FB.               | 0.0%           | 2.7%     |  |  |  |  |  |  |
| CHINA MOBILE                  | 0.0%           | 0.8%     |  |  |  |  |  |  |
| TENARIS ADS. 1:2              | 0.0%           | 0.1%     |  |  |  |  |  |  |
| DANUBIUS HOTEL & SPA          | 0.0%           | 41.7%    |  |  |  |  |  |  |

| Top Nega | tive Con | tributors |
|----------|----------|-----------|
|----------|----------|-----------|

|                             | Relative       |          |
|-----------------------------|----------------|----------|
|                             | Contribution % | Return % |
| BNC.BRADESCO PF.SPN.ADR 1:1 | -0.7%          | -22.8%   |
| GRF.BANORTE 'O' (OTC)       | -0.7%          | -22.9%   |
| AKBANK                      | -0.5%          | -22.1%   |
| PTRO.BRAO.ADR 1:2           | -0.5%          | -16.2%   |
| INFOSYS                     | -0.5%          | -20.0%   |
| VALE ON ADR 1:1             | -0.5%          | -21.9%   |
| STANDARD CHARTERED          | -0.4%          | -16.3%   |
| PETROCHINA 'H'              | -0.4%          | -17.4%   |
| ASTRA INTERNATIONAL         | -0.3%          | -11.4%   |
| LUKOIL OAO SPN.ADR 1:1      | -0.3%          | -10.6%   |

#### Equity Sector Attribution

|               |         |           | Attribution Effects |             |           | leturns   | Secto     | Sector Weights |  |  |
|---------------|---------|-----------|---------------------|-------------|-----------|-----------|-----------|----------------|--|--|
|               | Total   | Selection | Allocation          | Interaction |           |           |           |                |  |  |
|               | Effects | Effect    | Effect              | Effects     | Portfolio | Benchmark | Portfolio | Benchmark      |  |  |
| Energy        | 0.0%    | -0.1%     | -0.1%               | 0.2%        | -10.1%    | -11.9%    | 15.0%     | 12.0%          |  |  |
| Materials     | 0.6%    | 0.1%      | 0.3%                | 0.1%        | -15.8%    | -17.0%    | 7.0%      | 10.7%          |  |  |
| Industrials   | 0.2%    | -0.7%     | 0.1%                | 0.8%        | -16.3%    | -9.0%     | 1.1%      | 6.5%           |  |  |
| Cons. Disc.   | -0.6%   | -0.5%     | 0.0%                | -0.1%       | -10.9%    | -2.9%     | 7.4%      | 7.8%           |  |  |
| Cons. Staples | -0.3%   | -0.2%     | 0.2%                | -0.3%       | -6.0%     | -3.6%     | 12.9%     | 9.1%           |  |  |
| Health Care   | 0.1%    | 0.0%      | 0.1%                | 0.0%        | 3.6%      | 0.5%      | 1.9%      | 1.3%           |  |  |
| Financials    | -1.0%   | -0.7%     | -0.1%               | -0.2%       | -11.3%    | -9.6%     | 35.4%     | 27.6%          |  |  |
| Info. Tech    | 0.1%    | 0.3%      | -0.1%               | -0.2%       | -3.1%     | -3.9%     | 10.6%     | 14.1%          |  |  |
| Telecomm.     | 0.0%    | 0.0%      | -0.2%               | 0.2%        | 4.6%      | 0.9%      | 4.8%      | 7.4%           |  |  |
| Utilities     | 0.2%    |           | 0.1%                |             |           | -10.3%    | 0.0%      | 3.6%           |  |  |
| Cash          | 0.2%    | 0.0%      | 0.2%                | 0.0%        | 0.0%      |           | 3.9%      | 0.0%           |  |  |
| Portfolio     | -0.5%   | = -1.7%   | + 0.3%              | + 0.8%      | -8.4%     | -7.9%     | 100.0%    | 100.0%         |  |  |



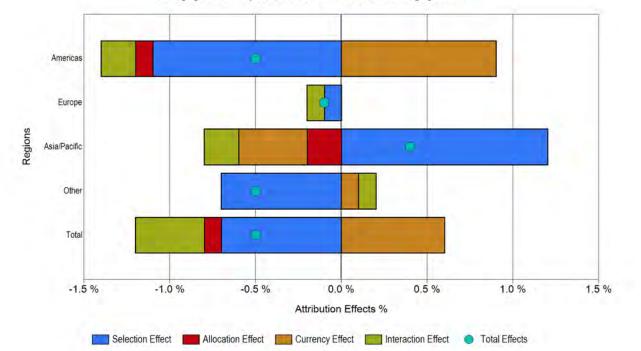
|                 | Country Alloc          |              |              |              |
|-----------------|------------------------|--------------|--------------|--------------|
|                 | Manager                | Index        | Manager      | Index        |
|                 | Allocation (USD) Alloc | cation (USD) | Return (USD) | Return (USD) |
| Americas        |                        |              |              |              |
| Brazil*         | 15.9%                  | 12.6%        | -17.3%       | -17.3%       |
| Canada          | 0.0%                   | 0.0%         |              |              |
| Chile*          | 1.4%                   | 2.0%         | -10.7%       | -14.6%       |
| Colombia*       | 0.0%                   | 1.2%         |              | -13.2%       |
| Mexico*         | 7.7%                   | 5.6%         | -15.0%       | -10.9%       |
| Peru*           | 0.0%                   | 0.6%         |              | -27.4%       |
| United States   | 0.0%                   | 0.0%         |              |              |
| Total-Americas  | 25.0%                  | 21.9%        | -16.2%       | -15.5%       |
| Europe          |                        |              |              |              |
| Austria         | 0.0%                   | 0.0%         |              |              |
| Belgium         | 0.0%                   | 0.0%         |              |              |
| Czech Republic* | 0.0%                   | 0.2%         |              | -6.4%        |
| Denmark         | 0.0%                   | 0.0%         |              |              |
| Finland         | 0.0%                   | 0.0%         |              |              |
| France          | 0.0%                   | 0.0%         |              |              |
| Germany         | 0.0%                   | 0.0%         |              |              |
| Greece          | 0.0%                   | 0.0%         |              |              |
| Hungary*        | 0.9%                   | 0.2%         | 9.0%         | 13.1%        |
| Ireland         | 0.0%                   | 0.0%         |              |              |
| Italy           | 0.0%                   | 0.0%         |              |              |
| Luxembourg      | 2.3%                   | 0.0%         | 0.1%         | -7.9%        |
| Netherlands     | 0.0%                   | 0.0%         |              |              |
| Norway          | 0.0%                   | 0.0%         |              |              |
| Poland*         | 1.8%                   | 1.5%         | -1.7%        | -4.7%        |
| Portugal        | 0.0%                   | 0.0%         |              |              |
| Russia*         | 3.3%                   | 5.9%         | -5.9%        | -8.2%        |
| Spain           | 0.0%                   | 0.0%         |              |              |
| Sweden          | 0.0%                   | 0.0%         |              |              |
| Switzerland     | 0.0%                   | 0.0%         |              |              |
| United Kingdom  | 5.5%                   | 0.0%         | -12.9%       | -2.2%        |
| Total-Europe    | 13.8%                  | 7.8%         | -6.2%        | -6.9%        |

| Allocation (USD)         Allocation (USD)         Return (USD)         Return (USD)           AsiaPacific         -         -         -           Australia         0.0%         0.0%         -         -           China*         6.4%         18.1%         -7.1%         -6.5%           Hong Kong         7.4%         0.0%         -3.7%         -4.6%           India*         12.2%         6.6%         -5.4%         -5.5%           Indonesia*         3.2%         3.0%         -11.4%         -5.8%           Japan         0.0%         0.0%         -         -         -           Korea*         5.4%         14.8%         -3.5%         -10.0%           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%         -         -           Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%         -         -         -           Total-AsiaPacific         48.7%         60.7%         -4.5%         5.1%           Other         0.0%         0.1%         -         -         -         - </th <th></th> <th>Country A</th> <th>llocation</th> <th></th> <th></th> |                   | Country A                    | llocation        |                 |              |
|--|-------------------|------------------------------|------------------|-----------------|--------------|
| Allocation (USD)         Return (USD)         Return (USD)           AsiaPacific   | Versus I          | <b>ISCI Emerging Markets</b> | - Quarter Endir  | ng June 30, 201 | 3            |
| AsiaPacific         Australia         0.0%         0.0%             Australia         0.0%         0.0%              China*         6.4%         18.1%         -7.1%         -6.5%           Hong Kong         7.4%         0.0%         -3.7%         -4.6%           India*         12.2%         6.6%         -5.4%         -5.5%           Indonesia*         3.2%         3.0%         -11.4%         -5.8%           Japan         0.0%         0.0%             Korea*         5.4%         14.8%         -3.5%         -10.0%           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%             Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%           -           Taiwan*         4.5%         10.8%         11.8%         1.7%           Total-AsiaPacific         48.7%         60.7%         -4.5%         5.1%           Other         0.0%         0.0%   |                   | Manager                      | Index            | Manager         | Index        |
| Australia         0.0%         0.0%             China*         6.4%         18.1%         -7.1%         6.5%           Hong Kong         7.4%         0.0%         -3.7%         4.6%           India*         12.2%         6.6%         -5.4%         -5.5%           Indonesia*         3.2%         3.0%         -11.4%         -5.8%           Japan         0.0%         0.0%             Korea*         5.4%         14.8%         -3.5%         -10.0%           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%             Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%             Taiwan*         4.5%         10.8%         11.8%         1.7%           Total-AsiaPacific         48.7%         60.7%         -4.5%         5.1%           Other         0.0%         0.0%             Egypt*         0.0%         0.0%          -           Norocco* <td< th=""><th></th><th>Allocation (USD)</th><th>Allocation (USD)</th><th>Return (USD)</th><th>Return (USD)</th></td<>  |                   | Allocation (USD)             | Allocation (USD) | Return (USD)    | Return (USD) |
| China*         6.4%         18.1%         -7.1%         6.6%           Hong Kong         7.4%         0.0%         -3.7%         4.6%           India*         12.2%         6.6%         -5.4%         -5.5%           Indonesia*         3.2%         3.0%         -11.4%         -5.8%           Japan         0.0%         0.0%             Korea*         5.4%         14.8%         -3.5%         -10.0%           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%             Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%             Taiwan*         4.5%         10.8%         11.8%         1.7%           Thailand*         4.5%         2.8%         -10.7%         -7.4%           Other         0.0%         0.3%          -7.2%           Sigaptific         48.7%         60.7%         -4.5%         5.1%           Other         0.0%         0.1%          -2.6%           South Africa*  | AsiaPacific       |                              |                  |                 |              |
| Hong Kong       7.4%       0.0%       -3.7%       4.6%         India*       12.2%       6.6%       -5.4%       -5.5%         Indonesia*       3.2%       3.0%       -11.4%       -5.8%         Japan       0.0%       0.0%       -       -         Korea*       5.4%       14.8%       -3.5%       -10.0%         Malaysia*       2.0%       3.5%       5.7%       6.3%         New Zealand       0.0%       0.0%       -       -         Philippines*       3.1%       1.1%       -12.9%       -8.2%         Singapore       0.0%       0.0%       -       -       -         Taiwan*       4.5%       10.8%       11.8%       1.7%         Thailand*       4.5%       2.8%       -10.7%       -7.4%         Other       -       -       -       -         Egypt*       0.0%       0.3%       -       -       -         Morocco*       0.0%       0.1%       -       -       -         South Africa*       3.2%       7.1%       -11.6%       -7.2%         Turkey*       5.4%       2.2%       -18.0%       -15.2%         Total-Ot   | Australia         | 0.0%                         | 0.0%             |                 |              |
| India*         12.2%         6.6%         -5.4%         -5.5%           Indonesia*         3.2%         3.0%         -11.4%         -5.8%           Japan         0.0%         0.0%             Korea*         5.4%         14.8%         -3.5%         -10.0%           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%             Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%             Taiwan*         4.5%         10.8%         11.8%         1.7%           Thailand*         4.5%         2.8%         -10.7%         -7.4%           Other         Egypt*         0.0%         0.3%          -7.2%           Israel         0.0%         0.3%          -7.2%         -5.1%           Morocco*         0.0%         0.1%          -2.6%           South Africa*         3.2%         7.1%         -11.6%         -7.2%           Turkey*         5.4%         2.2%         -18.0%         -15.2%   | China*            | 6.4%                         | 18.1%            | -7.1%           | -6.5%        |
| Indonesia*         3.2%         3.0%         -11.4%         -5.8%           Japan         0.0%         0.0%             Korea*         5.4%         14.8%         -3.5%         -10.0%           Malaysia*         2.0%         3.5%         5.7%         6.3%           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%             Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%              Taiwan*         4.5%         10.8%         11.8%         1.7%           Thailand*         4.5%         2.8%         -10.7%         -7.4%           Total-AsiaPacific         48.7%         60.7%         -4.5%         -5.1%           Other         0.0%         0.3%          -7.2%           Israel         0.0%         0.1%          -2.6%           South Africa*         3.2%         7.1%         -11.6%         -7.2%           Turkey*         5.4%         2.2%         -18.0%         -15.2%   | Hong Kong         | 7.4%                         | 0.0%             | -3.7%           | -4.6%        |
| Japan         0.0%         0.0%  | India*            | 12.2%                        | 6.6%             | -5.4%           | -5.5%        |
| Korea*         5.4%         14.8%         -3.5%         -10.0%           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%             Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%             Taiwan*         4.5%         10.8%         11.8%         1.7%           Thailand*         4.5%         2.8%         -10.7%         -7.4%           Total-AsiaPacific         48.7%         60.7%         -4.5%         -5.1%           Other         Egypt*         0.0%         0.0%             Morocco*         0.0%         0.1%           -           South Africa*         3.2%         7.1%         -11.6%         -7.2%           Total-Other         8.6%         9.6%         -15.6%         -9.0%           Totals         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -   | Indonesia*        | 3.2%                         | 3.0%             | -11.4%          | -5.8%        |
| No.         No.         No.         No.         No.         No.           Malaysia*         2.0%         3.5%         5.7%         6.3%           New Zealand         0.0%         0.0%             Philippines*         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%             Taiwan*         4.5%         10.8%         11.8%         1.7%           Thailand*         4.5%         2.8%         -10.7%         -7.4%           Total-AsiaPacific         48.7%         60.7%         -4.5%         -5.1%           Other         Egypt*         0.0%         0.3%          -7.2%           Israel         0.0%         0.3%          -7.2%           Morocco*         0.0%         0.1%          -2.6%           South Africa*         3.2%         7.1%         -11.6%         -7.2%           Turkey*         5.4%         2.2%         -18.0%         -15.2%           Totals         Developed         15.2%         0.0%         -6.5%            Emerging*         80.9%         100.0%         -  | Japan             | 0.0%                         | 0.0%             |                 |              |
| New Zealand         0.0%         0.0%  | Korea*            | 5.4%                         | 14.8%            | -3.5%           | -10.0%       |
| Desire         3.1%         1.1%         -12.9%         -8.2%           Singapore         0.0%         0.0%              Taiwan*         4.5%         10.8%         11.8%         1.7%           Thailand*         4.5%         2.8%         -10.7%         -7.4%           Total-AsiaPacific         48.7%         60.7%         -4.5%         -5.1%           Other         Egypt*         0.0%         0.3%          -7.2%           Israel         0.0%         0.0%              Morocco*         0.0%         0.1%              South Africa*         3.2%         7.1%         -11.6%         -7.2%           Turkey*         5.4%         2.2%         -18.0%         -15.2%           Totals               Emerging*         80.9%         100.0%         -9.2%         -7.9%           Other         0.0%  | Malaysia*         | 2.0%                         | 3.5%             | 5.7%            | 6.3%         |
| Singapore         0.0%         0.0%  | New Zealand       | 0.0%                         | 0.0%             |                 |              |
| Taiwan*         4.5%         10.8%         11.8%         1.7%           Thailand*         4.5%         2.8%         -10.7%         -7.4%           Total-AsiaPacific         48.7%         60.7%         -4.5%         -5.1%           Other         Egypt*         0.0%         0.3%          -7.2%           Israel         0.0%         0.1%          -2.6%           Morocco*         0.0%         0.1%          -2.6%           South Africa*         3.2%         7.1%         -11.6%         -7.2%           Turkey*         5.4%         2.2%         -18.0%         -15.2%           Total-Other         8.6%         9.6%         -15.6%         -9.0%           Totals         Emerging*         80.9%         100.0%         -9.2%         -7.9%           Other         0.0%               Benerging*         80.9%         100.0%         -9.2%         -7.9%           Other         0.0%   | Philippines*      | 3.1%                         | 1.1%             | -12.9%          | -8.2%        |
| Thailand*       4.5%       2.8%       -10.7%       -7.4%         Total-AsiaPacific       48.7%       60.7%       -4.5%       -5.1%         Other   | Singapore         | 0.0%                         | 0.0%             |                 |              |
| Total-AsiaPacific         48.7%         60.7%         -4.5%         -5.1%           Other  | Taiwan*           | 4.5%                         | 10.8%            | 11.8%           | 1.7%         |
| Other  | Thailand*         | 4.5%                         | 2.8%             | -10.7%          | -7.4%        |
| Egypt*         0.0%         0.3%          -7.2%           Israel         0.0%         0.0% <td>Total-AsiaPacific</td> <td>48.7%</td> <td>60.7%</td> <td>-4.5%</td> <td>-5.1%</td>  | Total-AsiaPacific | 48.7%                        | 60.7%            | -4.5%           | -5.1%        |
| Israel         0.0%         0.0%   0.0%  | Other             |                              |                  |                 |              |
| Morocco*         0.0%         0.1%          -2.6%           South Africa*         3.2%         7.1%         -11.6%         -7.2%           Turkey*         5.4%         2.2%         -18.0%         -15.2%           Total-Other         8.6%         9.6%         -15.6%         -9.0%           Totals         Emerging*         0.0%         -6.5%            Other         0.0%         -7.2%         -7.9%         -7.9%  | Egypt*            | 0.0%                         | 0.3%             |                 | -7.2%        |
| South Africa*         3.2%         7.1%         -11.6%         -7.2%           Turkey*         5.4%         2.2%         -18.0%         -15.2%           Total-Other         8.6%         9.6%         -15.6%         -9.0%           Totals         Emerging*         0.0%         -6.5%            Other         0.0%         -7.2%         -7.9%  | Israel            | 0.0%                         | 0.0%             |                 |              |
| Turkey*         5.4%         2.2%         -18.0%         -15.2%           Total-Other         8.6%         9.6%         -15.6%         -9.0%           Totals <th< td=""><td>Morocco*</td><td>0.0%</td><td>0.1%</td><td></td><td>-2.6%</td></th<>  | Morocco*          | 0.0%                         | 0.1%             |                 | -2.6%        |
| Total-Other         8.6%         9.6%         -15.6%         -9.0%           Totals         -          -         - <td< td=""><td>South Africa*</td><td>3.2%</td><td>7.1%</td><td>-11.6%</td><td>-7.2%</td></td<>                        | South Africa*     | 3.2%                         | 7.1%             | -11.6%          | -7.2%        |
| Totals         0.0%         -6.5%            Developed         15.2%         0.0%         -6.5%            Emerging*         80.9%         100.0%         -9.2%         -7.9%           Other         0.0%   | Turkey*           | 5.4%                         | 2.2%             | -18.0%          | -15.2%       |
| Developed         15.2%         0.0%         -6.5%            Emerging*         80.9%         100.0%         -9.2%         -7.9%           Other         0.0%  | Total-Other       | 8.6%                         | 9.6%             | -15.6%          | -9.0%        |
| Emerging* 80.9% 100.0% -9.2% -7.9%<br>Other 0.0%   | Totals            |                              |                  |                 |              |
| Other 0.0%   | Developed         | 15.2%                        | 0.0%             | -6.5%           |              |
| Other 0.0%   | Emerging*         | 80.9%                        | 100.0%           | -9.2%           | -7.9%        |
| Cash 3.9% 0.0%   | Other             | 0.0%                         |                  |                 |              |
|  | Cash              | 3.9%                         |                  | 0.0%            |              |



|               |         | Interr     | national E | Equity Pe | rformance / | Attributio | on          |            |         |               |         | Inter      | national l | Equity Pe | rformance A | ttributio  | n             |            |         |
|---------------|---------|------------|------------|-----------|-------------|------------|-------------|------------|---------|---------------|---------|------------|------------|-----------|-------------|------------|---------------|------------|---------|
|               | R       | eturns and | d Weights  |           |             | Attri      | bution Effe | cts        |         |               | F       | Returns an | d Weights  |           |             | Attri      | bution Effect | ts         |         |
|               | Manager | Index      | Manager    | Index     | Selection   | Allocation | Currency I  | nteraction | Total   |               | Manager | Index      | Manager    | Index     | Selection   | Allocation | Currency Ir   | iteraction | Total   |
|               | Return  | Return     | Weight     | Weight    | Effect      | Effect     | Effect      | Effect     | Effects |               | Return  | Return     | Weight     | Weight    | Effect      | Effect     | Effect        | Effect     | Effects |
| Europe        |         |            |            |           |             |            |             |            |         | AsiaPacific   |         |            |            |           |             |            |               |            |         |
| Austria       |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Australia     |         |            | 0.0%       | 0.0%      |             |            | 0.0%          |            | 0.0%    |
| Belgium       |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | China*        | -7.1%   | -6.5%      | 6.4%       | 18.1%     | -0.1%       | 0.3%       | 0.0%          | 0.1%       | 0.2%    |
| Czech         |         | C 40/      | 0.00/      | 0.00/     |             | 0.00/      | 0.00/       |            | 0.0%    | Hong Kong     | -3.7%   | -4.6%      | 7.4%       | 0.0%      | 0.0%        | 0.0%       | 0.0%          | 0.1%       | 0.0%    |
| Republic*     |         | -6.4%      | 0.0%       | 0.2%      |             | 0.0%       | 0.0%        |            | 0.0%    | India*        | -5.4%   | -5.5%      | 12.2%      | 6.6%      | 0.0%        | 0.4%       | -0.5%         | 0.0%       | -0.1%   |
| Denmark       |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Indonesia*    | -11.4%  | -5.8%      | 3.2%       | 3.0%      | -0.2%       | 0.0%       | 0.0%          | 0.0%       | -0.2%   |
| Finland       |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Japan         |         |            | 0.0%       | 0.0%      |             |            | 0.0%          |            | 0.0%    |
| France        |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Korea*        | -3.5%   | -10.0%     | 5.4%       | 14.8%     | 1.0%        | 0.3%       | 0.2%          | -0.6%      | 0.9%    |
| Germany       |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Malaysia*     | 5.7%    | 6.3%       | 2.0%       | 3.5%      | 0.0%        | -0.2%      | 0.0%          | 0.0%       | -0.2%   |
| Greece        |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | New Zealand   |         |            | 0.0%       | 0.0%      |             |            | 0.0%          |            | 0.0%    |
| Hungary*      | 9.0%    | 13.1%      | 0.9%       | 0.2%      | 0.0%        | 0.1%       | 0.0%        | 0.0%       | 0.1%    | Philippines*  | -12.9%  | -8.2%      | 3.1%       | 1.1%      | -0.1%       | 0.0%       | -0.1%         | -0.1%      | -0.2%   |
| Ireland       |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Singapore     |         |            | 0.0%       | 0.0%      |             |            | 0.0%          |            | 0.0%    |
| Italy         |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Taiwan*       | 11.8%   | 1.7%       | 4.5%       | 10.8%     | 1.1%        | -0.4%      | 0.0%          | -0.6%      | 0.1%    |
| Netherlands   |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Thailand*     | -10.7%  | -7.4%      | 4.5%       | 2.8%      | -0.1%       | 0.0%       | -0.1%         | -0.1%      | -0.2%   |
| Norway        |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Other         |         |            |            | 21070     | 01170       | 01070      | 01170         | 01170      | 0.1270  |
| Poland*       | -1.7%   | -4.7%      | 1.8%       | 1.5%      | 0.0%        | 0.0%       | 0.0%        | 0.0%       | 0.1%    | Egypt*        |         | -7.2%      | 0.0%       | 0.3%      |             | 0.0%       | 0.0%          |            | 0.0%    |
| Portugal      |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Israel        |         |            | 0.0%       | 0.0%      |             |            | 0.0%          |            | 0.0%    |
| Russia*       | -5.9%   | -8.2%      | 3.3%       | 5.9%      | -0.1%       | 0.0%       | 0.2%        | 0.1%       | 0.2%    | Morocco*      |         | -2.6%      | 0.0%       | 0.1%      |             | 0.0%       | 0.0%          |            | 0.0%    |
| Spain         |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | South Africa* | -11.6%  | -7.2%      | 3.2%       | 7.1%      | -0.3%       | -0.2%      | 0.3%          | 0.2%       | 0.0%    |
| Sweden        |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Turkey*       | -18.0%  | -15.2%     | 5.4%       | 2.2%      | -0.1%       | -0.2%      | -0.2%         | -0.1%      | -0.5%   |
| Switzerland   |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Other         | 10.070  |            | 0.470      |           | 0.170       | 0.270      | 0.270         | 0.170      | 0.070   |
| United        | 10.001  | 0.00/      |            |           | 0.001       | 0.404      | 0.00/       | 0.404      | 0       | Countries*    |         | 0.0%       |            | 0.0%      |             |            |               |            |         |
| Kingdom       | -12.9%  | -2.2%      | 5.5%       | 0.0%      | 0.0%        | 0.1%       | -0.2%       | -0.4%      | -0.5%   | Totals        |         |            |            |           |             |            |               |            |         |
| Americas      |         |            |            |           |             |            |             |            |         | Developed     | -6.5%   |            | 15.2%      | 0.0%      | 0.0%        | 0.0%       | -0.2%         | -0.1%      | -0.3%   |
| Brazil*       | -17.3%  | -17.3%     | 15.9%      | 12.6%     | -0.6%       | -0.2%      | 0.5%        | -0.1%      | -0.4%   | Emerging*     | -9.2%   | -7.9%      | 80.9%      | 100.0%    | -1.5%       | 0.0%       | 0.9%          | 0.3%       | -0.3%   |
| Canada        |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    | Cash          | 0.0%    |            | 3.9%       | 0.0%      | 0.0%        | 0.2%       | 0.0%          | 0.0%       | 0.2%    |
| Chile*        | -10.7%  | -14.6%     | 1.4%       | 2.0%      | 0.0%        | 0.0%       | 0.1%        | 0.0%       | 0.1%    |               |         |            |            |           |             |            |               |            |         |
| Colombia*     |         | -13.2%     | 0.0%       | 1.2%      |             | 0.0%       | 0.1%        |            | 0.1%    |               |         |            |            |           |             |            |               |            |         |
| Mexico*       | -15.0%  | -10.9%     | 7.7%       | 5.6%      | -0.5%       |            | 0.2%        | -0.2%      | -0.5%   |               |         |            |            |           |             |            |               |            |         |
| Peru*         |         | -27.4%     | 0.0%       | 0.6%      |             | 0.40/      | 0.0%        |            | 0.1%    |               |         |            |            |           |             |            |               |            |         |
| United States |         |            | 0.0%       | 0.0%      |             |            | 0.0%        |            | 0.0%    |               |         |            |            |           |             |            |               |            |         |
|               |         |            |            |           |             |            |             |            |         |               |         |            |            |           |             |            |               |            |         |





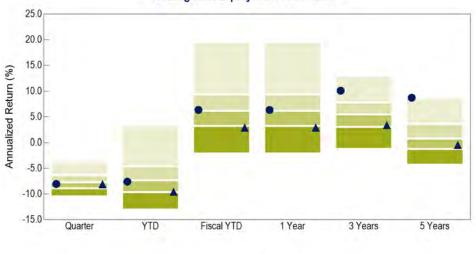
Emerging Market Comp Performance Attribution vs. MSCI Emerging Markets

|              |         | Returns and V | Veights |        |           | Attribution Effects |          |             |         |  |  |  |
|--------------|---------|---------------|---------|--------|-----------|---------------------|----------|-------------|---------|--|--|--|
|              | Manager | Index         | Manager | Index  | Selection | Allocation          | Currency | Interaction | Total   |  |  |  |
|              | Return  | Return        | Weight  | Weight | Effect    | Effect              | Effect   | Effect      | Effects |  |  |  |
| Totals       |         |               |         |        |           |                     |          |             |         |  |  |  |
| Americas     | -16.2%  | -15.5%        | 25.0%   | 21.9%  | -1.1%     | -0.1%               | 0.9%     | -0.2%       | -0.5%   |  |  |  |
| Europe       | -6.2%   | -6.9%         | 13.8%   | 7.8%   | -0.1%     | 0.0%                | 0.0%     | -0.1%       | -0.1%   |  |  |  |
| Asia/Pacific | -4.5%   | -5.1%         | 48.7%   | 60.7%  | 1.2%      | -0.2%               | -0.4%    | -0.2%       | 0.4%    |  |  |  |
| Other        | -15.6%  | -9.0%         | 8.6%    | 9.6%   | -0.7%     | 0.0%                | 0.1%     | 0.1%        | -0.5%   |  |  |  |
| Cash         | 0.0%    |               | 3.9%    | 0.0%   | 0.0%      | 0.2%                | 0.0%     | 0.0%        | 0.2%    |  |  |  |
| Total        | -8.4%   | -7.9%         | 100.0%  | 100.0% | -0.7%     | -0.1%               | 0.6%     | -0.4%       | -0.5%   |  |  |  |
| Totals       |         |               |         |        |           |                     |          |             |         |  |  |  |
| Developed    | -6.5%   |               | 15.2%   | 0.0%   | 0.0%      | 0.0%                | -0.2%    | -0.1%       | -0.3%   |  |  |  |
| Emerging*    | -9.2%   | -7.9%         | 80.9%   | 100.0% | -1.5%     | 0.0%                | 0.9%     | 0.3%        | -0.3%   |  |  |  |
| Cash         | 0.0%    |               | 3.9%    | 0.0%   | 0.0%      | 0.2%                | 0.0%     | 0.0%        | 0.2%    |  |  |  |



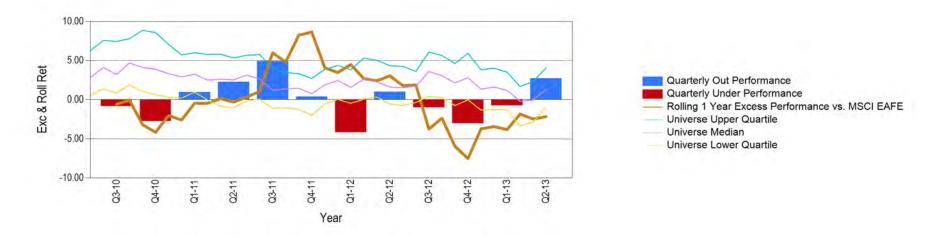
#### Aberdeen

Aberdeen believes, given the inefficiency of markets, that competitive long-term returns are achieved by identifying high quality stocks at attractive valuations and holding for the long term. It is their belief that sound fundamentals drive stock prices over time. They employ a fundamental bottom-up investment approach based upon a rigorous and disciplined proprietary research effort which originates with direct company due diligence visits. Portfolios are constructed to maximize their level of exposure to the most attractive companies filtered from the stock selection process. They run a representative or model' unconstrained portfolio that contains approximately 30 - 70 stocks at any given time. Once a stock has received unanimous approval by the team, the senior investment team members then decide which portfolio category it should enter (i.e. country, regional, Global Emerging Markets) and at what weighting. The Head of Global Emerging Markets then has responsibility to ensure that the decision is implemented.



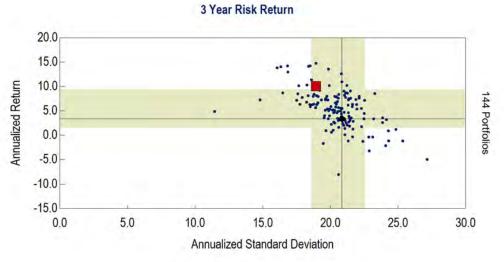
eA Emg Mkts Equity Gross Accounts

Annualized Excess Performance





### Aberdeen



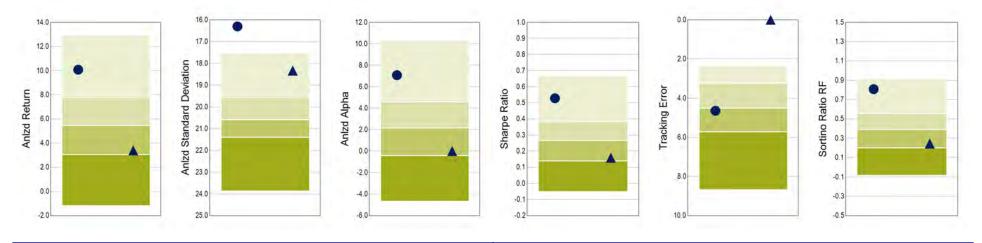
Aberdeen
 MSCI Emerging Markets

68% Confidence Interval

• eA Emg Mkts Equity Gross

#### Characteristics

|                                 | Portfolio | MSCI<br>Emerging<br>Markets |
|---------------------------------|-----------|-----------------------------|
| Number of Holdings              | 58        | 820                         |
| Weighted Avg. Market Cap. (\$B) | 31.9      | 32.7                        |
| Median Market Cap. (\$B)        | 17.5      | 4.2                         |
| Price To Earnings               | 16.6      | 15.7                        |
| Price To Book                   | 3.1       | 2.4                         |
| Price To Sales                  | 3.0       | 2.2                         |
| Return on Equity (%)            | 20.9      | 18.3                        |
| Yield (%)                       | 2.8       | 2.8                         |
| Beta                            |           | 1.0                         |
| R-Squared                       |           | 1.0                         |



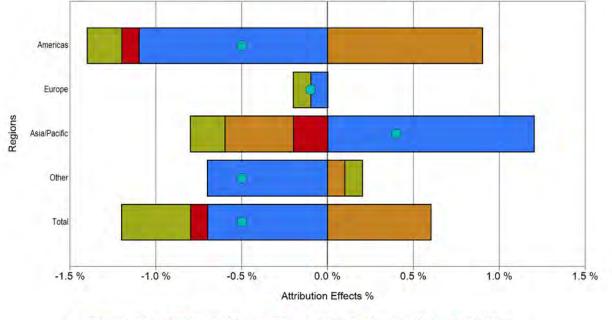
#### **3 Year Risk Statistics**



|                 | Country A        |                  |              |              |
|-----------------|------------------|------------------|--------------|--------------|
|                 | Manager          | Index            | Manager      | Index        |
|                 | Allocation (USD) | Allocation (USD) | Return (USD) | Return (USD) |
| Americas        |                  |                  |              |              |
| Brazil*         | 15.9%            | 12.6%            | -17.3%       | -17.3%       |
| Canada          | 0.0%             | 0.0%             |              |              |
| Chile*          | 1.4%             | 2.0%             | -10.7%       | -14.6%       |
| Colombia*       | 0.0%             | 1.2%             |              | -13.2%       |
| Mexico*         | 7.7%             | 5.6%             | -15.0%       | -10.9%       |
| Peru*           | 0.0%             | 0.6%             |              | -27.4%       |
| United States   | 0.0%             | 0.0%             |              |              |
| Total-Americas  | 25.0%            | 21.9%            | -16.2%       | -15.5%       |
| Europe          |                  |                  |              |              |
| Austria         | 0.0%             | 0.0%             |              |              |
| Belgium         | 0.0%             | 0.0%             |              |              |
| Czech Republic* | 0.0%             | 0.2%             |              | -6.4%        |
| Denmark         | 0.0%             | 0.0%             |              |              |
| Finland         | 0.0%             | 0.0%             |              |              |
| France          | 0.0%             | 0.0%             |              |              |
| Germany         | 0.0%             | 0.0%             |              |              |
| Greece          | 0.0%             | 0.0%             |              |              |
| Hungary*        | 0.9%             | 0.2%             | 9.0%         | 13.1%        |
| Ireland         | 0.0%             | 0.0%             |              |              |
| Italy           | 0.0%             | 0.0%             |              |              |
| Luxembourg      | 2.3%             | 0.0%             | 0.1%         | -7.9%        |
| Netherlands     | 0.0%             | 0.0%             |              |              |
| Norway          | 0.0%             | 0.0%             |              |              |
| Poland*         | 1.8%             | 1.5%             | -1.7%        | -4.7%        |
| Portugal        | 0.0%             | 0.0%             |              |              |
| Russia*         | 3.3%             | 5.9%             | -5.9%        | -8.2%        |
| Spain           | 0.0%             | 0.0%             |              |              |
| Sweden          | 0.0%             | 0.0%             |              |              |
| Switzerland     | 0.0%             | 0.0%             |              |              |
| United Kingdom  | 5.5%             | 0.0%             | -12.9%       | -2.2%        |
| Total-Europe    | 13.8%            | 7.8%             | -6.2%        | -6.9%        |

|                   | Country A        | llocation        |              |              |
|-------------------|------------------|------------------|--------------|--------------|
|                   | Manager          | Index            | Manager      | Index        |
|                   | Allocation (USD) | Allocation (USD) | Return (USD) | Return (USD) |
| AsiaPacific       |                  |                  |              |              |
| Australia         | 0.0%             | 0.0%             |              |              |
| China*            | 6.4%             | 18.1%            | -7.1%        | -6.5%        |
| Hong Kong         | 7.4%             | 0.0%             | -3.7%        | -4.6%        |
| India*            | 12.2%            | 6.6%             | -5.4%        | -5.5%        |
| Indonesia*        | 3.2%             | 3.0%             | -11.4%       | -5.8%        |
| Japan             | 0.0%             | 0.0%             |              |              |
| Korea*            | 5.4%             | 14.8%            | -3.5%        | -10.0%       |
| Malaysia*         | 2.0%             | 3.5%             | 5.7%         | 6.3%         |
| New Zealand       | 0.0%             | 0.0%             |              |              |
| Philippines*      | 3.1%             | 1.1%             | -12.9%       | -8.2%        |
| Singapore         | 0.0%             | 0.0%             |              |              |
| Taiwan*           | 4.5%             | 10.8%            | 11.8%        | 1.7%         |
| Thailand*         | 4.5%             | 2.8%             | -10.7%       | -7.4%        |
| Total-AsiaPacific | 48.7%            | 60.7%            | -4.5%        | -5.1%        |
| Other             |                  |                  |              |              |
| Egypt*            | 0.0%             | 0.3%             |              | -7.2%        |
| Israel            | 0.0%             | 0.0%             |              |              |
| Morocco*          | 0.0%             | 0.1%             |              | -2.6%        |
| South Africa*     | 3.2%             | 7.1%             | -11.6%       | -7.2%        |
| Turkey*           | 5.4%             | 2.2%             | -18.0%       | -15.2%       |
| Total-Other       | 8.6%             | 9.6%             | -15.6%       | -9.0%        |
| Totals            |                  |                  |              |              |
| Developed         | 15.2%            | 0.0%             | -6.5%        |              |
| Emerging*         | 80.9%            | 100.0%           | -9.2%        | -7.9%        |
| Other             | 0.0%             |                  |              |              |
| Cash              | 3.9%             |                  | 0.0%         |              |





#### Aberdeen Performance Attribution vs. MSCI Emerging Markets

| Selection Effect | Allocation Effect | Currency Effect | Interaction Effect | 0 | Total Effects |
|------------------|-------------------|-----------------|--------------------|---|---------------|
|------------------|-------------------|-----------------|--------------------|---|---------------|

|              |                   | Returns and     | Neights           |                 |                     | Attribution Effects  |                    |                       |                  |  |  |  |
|--------------|-------------------|-----------------|-------------------|-----------------|---------------------|----------------------|--------------------|-----------------------|------------------|--|--|--|
|              | Manager<br>Return | Index<br>Return | Manager<br>Weight | Index<br>Weight | Selection<br>Effect | Allocation<br>Effect | Currency<br>Effect | Interaction<br>Effect | Total<br>Effects |  |  |  |
| Totals       |                   |                 |                   |                 |                     |                      |                    |                       |                  |  |  |  |
| Americas     | -16.2%            | -15.5%          | 25.0%             | 21.9%           | -1.1%               | -0.1%                | 0.9%               | -0.2%                 | -0.5%            |  |  |  |
| Europe       | -6.2%             | -6.9%           | 13.8%             | 7.8%            | -0.1%               | 0.0%                 | 0.0%               | -0.1%                 | -0.1%            |  |  |  |
| Asia/Pacific | -4.5%             | -5.1%           | 48.7%             | 60.7%           | 1.2%                | -0.2%                | -0.4%              | -0.2%                 | 0.4%             |  |  |  |
| Other        | -15.6%            | -9.0%           | 8.6%              | 9.6%            | -0.7%               | 0.0%                 | 0.1%               | 0.1%                  | -0.5%            |  |  |  |
| Cash         | 0.0%              |                 | 3.9%              | 0.0%            | 0.0%                | 0.2%                 | 0.0%               | 0.0%                  | 0.2%             |  |  |  |
| Total        | -8.4%             | -7.9%           | 100.0%            | 100.0%          | -0.7%               | -0.1%                | 0.6%               | -0.4%                 | -0.5%            |  |  |  |
| Totals       |                   |                 |                   |                 |                     |                      |                    |                       |                  |  |  |  |
| Developed    | -6.5%             |                 | 15.2%             | 0.0%            | 0.0%                | 0.0%                 | -0.2%              | -0.1%                 | -0.3%            |  |  |  |
| Emerging*    | -9.2%             | -7.9%           | 80.9%             | 100.0%          | -1.5%               | 0.0%                 | 0.9%               | 0.3%                  | -0.3%            |  |  |  |
| Cash         | 0.0%              |                 | 3.9%              | 0.0%            | 0.0%                | 0.2%                 | 0.0%               | 0.0%                  | 0.2%             |  |  |  |



# 8]j Yfg]Z]YX<sup>·</sup>: ]I YX<sup>·</sup>=bWta Y

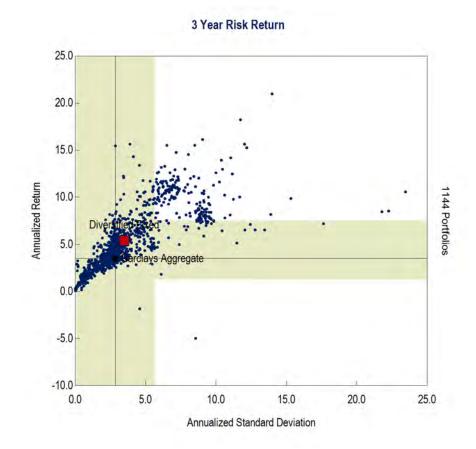


| 3 Years Ending June 30, 2013   |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
|--------------------------------|----------|-----------|------|------------------|------|----------|------|-------------------|------|---------------------|------|-----------------------|------|
|                                | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Diversified Fixed              | 17.92%   | 5.42%     | 35   | 3.49%            | 66   | 1.69%    | 35   | 1.72%             | 39   | 2.13                | 51   | 100.86%               | 76   |
| Barclays Aggregate             |          | 3.51%     | 67   | 2.85%            | 49   | 0.00%    | 86   | 0.00%             | 1    | 1.62                | 83   | 100.00%               | 75   |
| Allianz Structured Alpha       | 2.44%    | 8.38%     | 1    | 10.27%           | 99   | 8.06%    | 1    | 12.40%            | 99   | 0.63                | 99   | 5.60%                 | 19   |
| Citigroup 10 Year Treasury     |          | 4.63%     | 36   | 7.37%            | 99   | 0.00%    | 99   | 0.00%             | 1    | 1.11                | 99   | 100.00%               | 99   |
| PIMCO Core Plus                | 6.50%    | 4.77%     | 29   | 3.33%            | 85   | 0.92%    | 48   | 1.14%             | 67   | 1.69                | 79   | 110.77%               | 85   |
| Barclays Aggregate             |          | 3.51%     | 67   | 2.85%            | 49   | 0.00%    | 86   | 0.00%             | 1    | 1.62                | 83   | 100.00%               | 75   |
| PIMCO Unconstrained            | 6.53%    |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| 25% HY, 25% EMD, 50% BC<br>Agg |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| Wellington DAS                 | 2.45%    | 8.12%     | 1    | 6.70%            | 99   | 4.18%    | 16   | 5.41%             | 1    | 1.89                | 60   | 49.86%                | 99   |
| Wellington Custom Benchmark    |          | 6.89%     | 1    | 10.78%           | 99   | 0.00%    | 99   | 0.00%             | 1    | 1.29                | 99   | 100.00%               | 99   |



| 5 Years Ending June 30, 2013   |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
|--------------------------------|----------|-----------|------|------------------|------|----------|------|-------------------|------|---------------------|------|-----------------------|------|
|                                | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank | Anlzd AJ | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Diversified Fixed              | 17.92%   | 5.81%     | 50   | 6.76%            | 74   | -0.78%   | 90   | 4.91%             | 72   | 0.76                | 89   | 170.88%               | 89   |
| Barclays Aggregate             |          | 5.19%     | 65   | 3.73%            | 44   | 0.00%    | 85   | 0.00%             | 1    | 2.04                | 40   | 100.00%               | 67   |
| Allianz Structured Alpha       | 2.44%    | 6.79%     | 20   | 13.10%           | 99   | 5.37%    | 15   | 14.72%            | 99   | 0.40                | 99   | 26.28%                | 92   |
| Citigroup 10 Year Treasury     |          | 5.88%     | 59   | 8.94%            | 99   | 0.00%    | 99   | 0.00%             | 1    | 1.13                | 95   | 100.00%               | 99   |
| PIMCO Core Plus                | 6.50%    |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| Barclays Aggregate             |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| PIMCO Unconstrained            | 6.53%    |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| 25% HY, 25% EMD, 50% BC<br>Agg |          |           |      |                  |      |          |      |                   |      |                     |      |                       |      |
| Wellington DAS                 | 2.45%    | 7.48%     | 6    | 6.56%            | 97   | 2.88%    | 93   | 4.85%             | 1    | 1.42                | 89   | 63.46%                | 99   |
| Wellington Custom Benchmark    |          | 7.24%     | 9    | 8.81%            | 99   | 0.00%    | 99   | 0.00%             | 1    | 1.45                | 88   | 100.00%               | 99   |

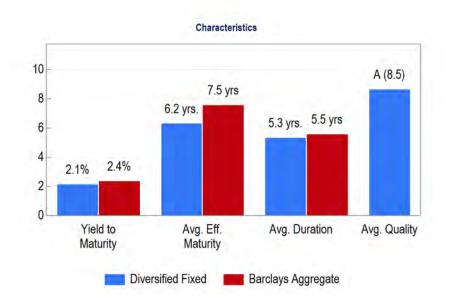


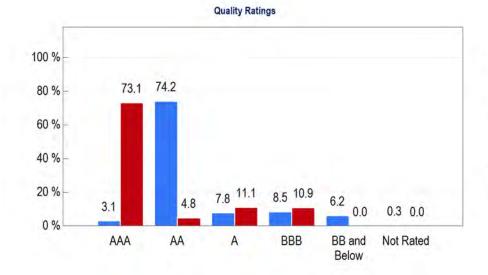


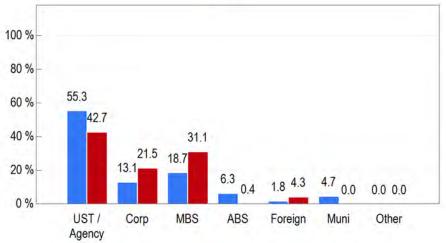












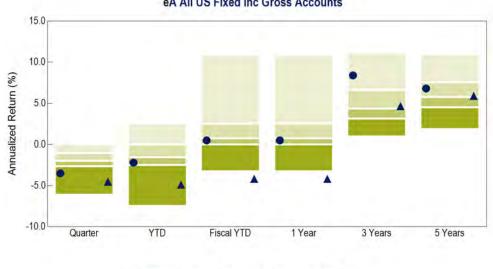
Sectors



June 30, 2013

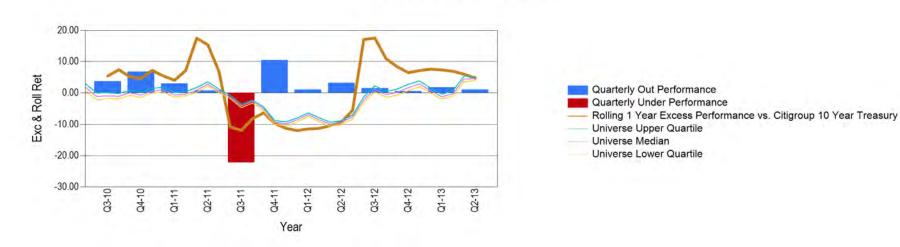
### Allianz Structured Alpha

Allianz uses an alpha enhancement strategy that targets a return stream with low or no correlation with the underlying BC Aggregate benchmark. The objective of the fund seeks to deliver 5% net of fees annually on top of the benchmark with a tracking error of 2-4%. The strategy analyzes historical behavior of the S&P 500 Index and develops a distribution of expected returns, then the fund constructions profit zones using puts and calls which at expiration the underlying ends up in the profit zone. Strategies containing the buying or selling of options may produce losses and profits similar to leverage and may exposure the account to risk related to the underlying security and the option itself.



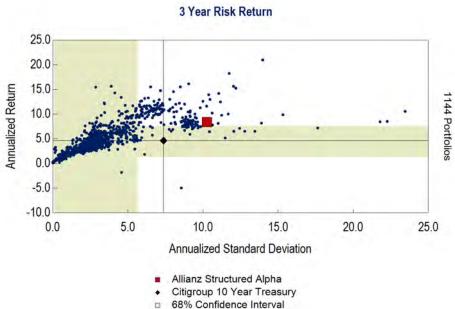
eA All US Fixed Inc Gross Accounts

Allianz Structured Alpha ▲ Citigroup 10 Year Treasury



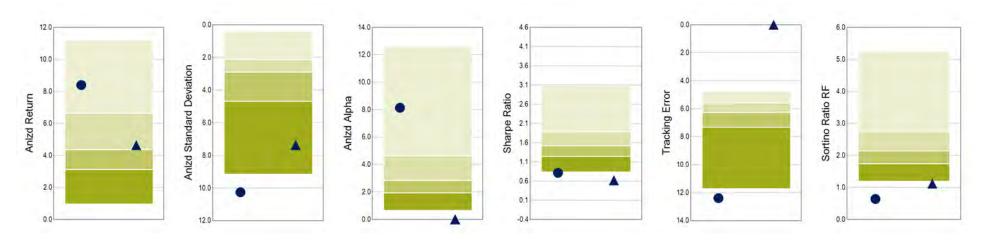
Annualized Excess Performance





- 13
- eA All US Fixed Inc Gross .

#### **3 Year Risk Statistics**





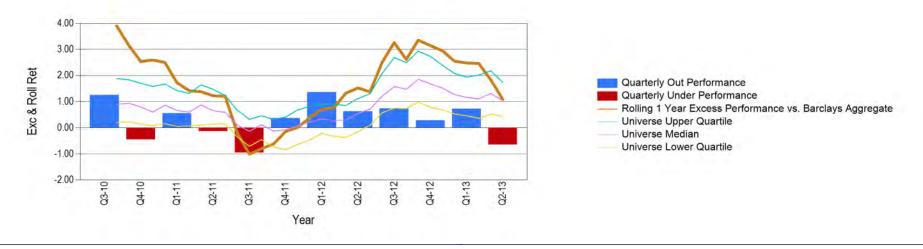
#### PIMCO Core Plus

PIMCO's investment process expects to generate above-benchmark returns by building diversified, risk-averse portfolios based upon their long-term secular outlook. This is achieved by analyzing fundamental global trends in such areas as political factors, inflation, volatility, growth, and currency, amongst others. The three to five-year secular outlook is the core element of their decision-making process, and serves as a framework for portfolio implementation. In applying the secular outlook to the portfolio, such tools as duration position, yield curve posture and sector allocation are expressed to best represent the firm's view on the macro-economic environment. Bottom-up analysis of specific securities is also an important part of the firm's philosophy. Bonds are evaluated on a rich/cheap basis and fundamental research determines strong portfolio candidates.



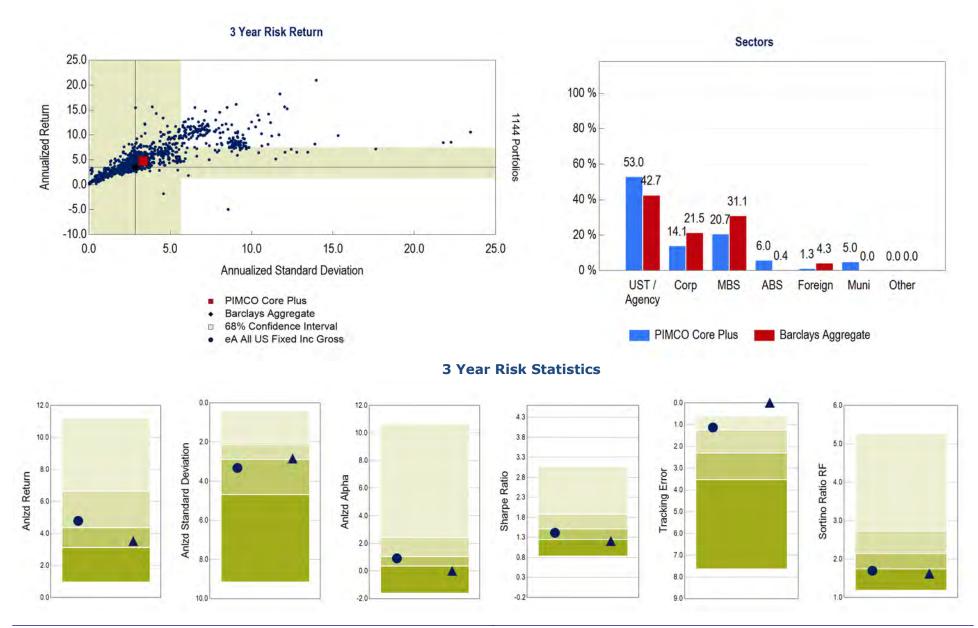
PIMCO Core Plus Barclays Aggregate

Annualized Excess Performance





### PIMCO Core Plus





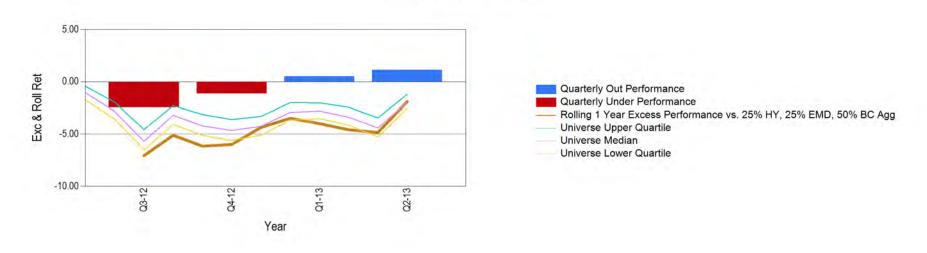
#### PIMCO Unconstrained

The PIMCO Unconstrained Bond Strategy is an absolute return-oriented, investment grade guality fixed income strategy that embodies PIMCO's secular thinking, global themes, and integrated investment process without the constraints of a benchmark or significant sector/instrument limitations. The strategy is designed to offer the traditional benefits of a core bond portfolio - seeks maximum long-term return consistent with capital preservation and prudent management- but with higher potential alpha and the potential to mitigate downside risk to a greater degree than what is reasonably possible from traditional active fixed income management approaches as the strategy allows for more manager discretion to adjust duration exposure, allocate across sectors and otherwise express the firm's active views. The strategy is governed by PIMCO's investment philosophy and unique, disciplined secular investment process, which focuses on long-term economic, social and political trends that may have lasting impacts on investment returns.



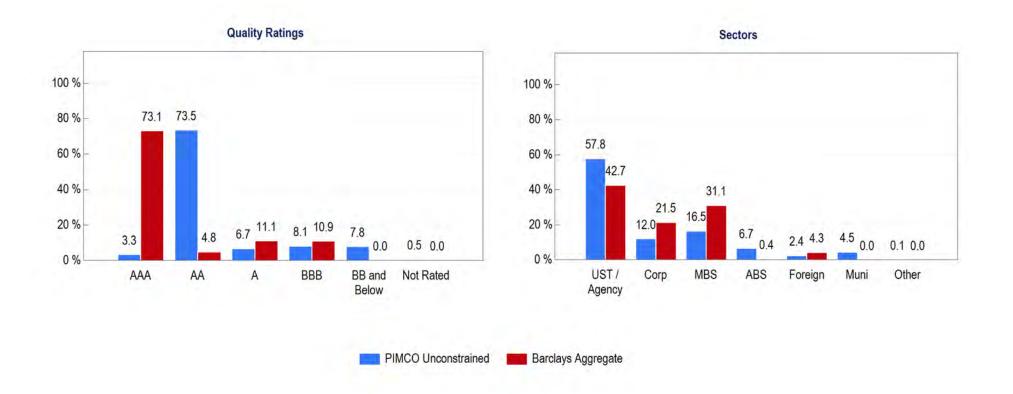
eA All US Fixed Inc Gross Accounts

PIMCO Unconstrained ▲ 25% HY, 25% EMD, 50% BC Agg



#### Annualized Excess Performance

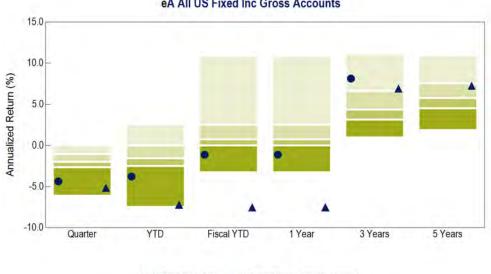






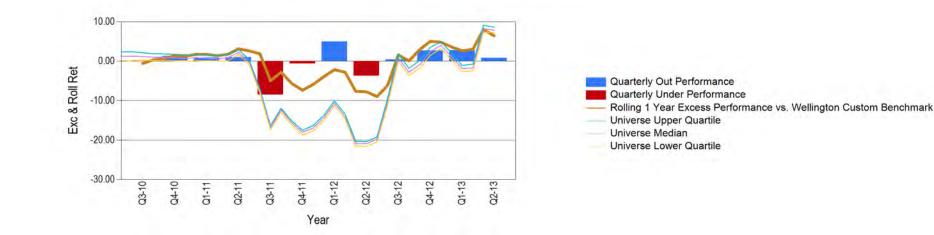
#### Wellington DAS

The objective of the Diversified Alpha Strategies - Absolute Return (DAS) Portfolio is to provide positive absolute returns over cash or other market exposure (beta) over rolling 3-year periods with expected volatility of 3 to 6%. The DAS Portfolio aims to provide consistent returns by investing in diverse, market-neutral alpha sources that have low or negative correlations with each other. The mix of alpha sources is rebalanced periodically, and the target mix may change over time. The DAS Portfolio can be combined with desired market (beta) exposure through the use of derivative instruments. Drawing on a diversified basket of alpha sources from across a broad investment universe, rather than a single alpha source, should increase the efficiency of the return/risk ratio and increase the likelihood of achieving consistent returns. For this reason, the DAS Portfolio includes a variety of alpha sources: market neutral equity and fixed income strategies, overlay strategies (currency, fixed income, asset allocation), and long-only equity strategies from which they try to remove structural market risk through short equity index future or swap positions. The allocation to each alpha source is determined in a contribution to risk framework in the context of the expected aggregate DAS Portfolio characteristics. The target weights of the underlying alpha sources have been set using risk budgeting, with a goal of achieving a balanced contribution to risk across the alpha sources, rather than focusing only on the absolute or percent cash allocation.



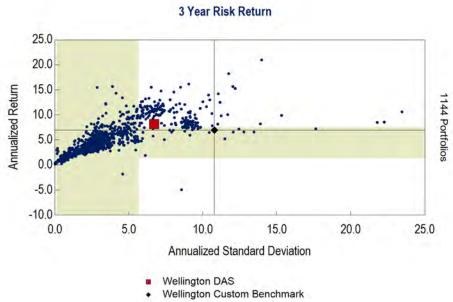
eA All US Fixed Inc Gross Accounts

Wellington DAS ▲ Wellington Custom Benchmark



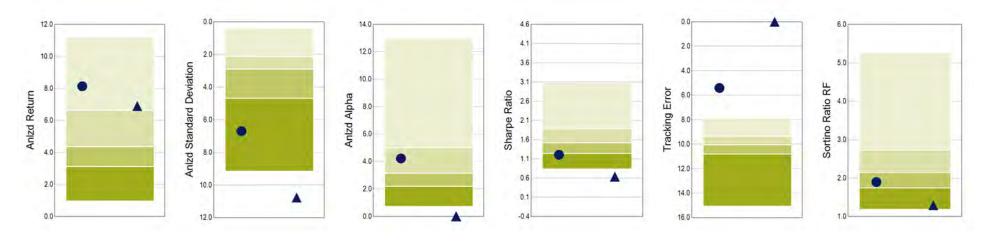
Annualized Excess Performance





- 68% Confidence Interval
- eA All US Fixed Inc Gross

**3 Year Risk Statistics** 







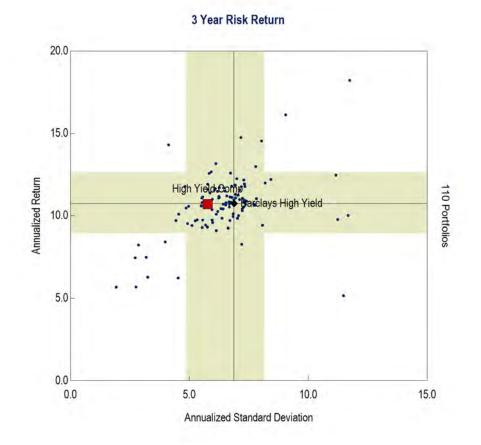


|                     |          |           |      | 3                | <b>Years En</b> | ding June 30, | 2013 |                   |      |                     |      |                       |      |
|---------------------|----------|-----------|------|------------------|-----------------|---------------|------|-------------------|------|---------------------|------|-----------------------|------|
|                     | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank            | Anlzd AJ      | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| High Yield Comp     | 4.20%    | 10.69%    | 56   | 5.77%            | 25              | 1.76%         | 30   | 1.44%             | 52   | 2.73                | 35   | 77.01%                | 26   |
| Barclays High Yield |          | 10.74%    | 52   | 6.88%            | 66              | 0.00%         | 73   | 0.00%             | 1    | 2.39                | 63   | 100.00%               | 69   |
| Post Advisory       | 3.14%    | 10.93%    | 45   | 5.71%            | 24              | 2.12%         | 25   | 1.55%             | 57   | 2.70                | 39   | 75.01%                | 24   |
| Barclays High Yield |          | 10.74%    | 52   | 6.88%            | 66              | 0.00%         | 73   | 0.00%             | 1    | 2.39                | 63   | 100.00%               | 69   |
| KDP                 | 1.06%    | 9.29%     | 89   | 6.11%            | 36              | -0.04%        | 74   | 1.57%             | 58   | 2.48                | 56   | 83.56%                | 36   |
| Barclays High Yield |          | 10.74%    | 52   | 6.88%            | 66              | 0.00%         | 73   | 0.00%             | 1    | 2.39                | 63   | 100.00%               | 69   |



|                     |          |           |      | ţ                | 5 Years En | ding June 30, | 2013 |                   |      |                     |      |                       |      |
|---------------------|----------|-----------|------|------------------|------------|---------------|------|-------------------|------|---------------------|------|-----------------------|------|
|                     | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank       | Anlzd AJ      | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| High Yield Comp     | 4.20%    | 9.97%     | 55   | 10.09%           | 18         | 2.30%         | 22   | 5.09%             | 69   | 0.78                | 56   | 71.56%                | 13   |
| Barclays High Yield |          | 10.94%    | 30   | 13.91%           | 87         | 0.00%         | 79   | 0.00%             | 1    | 0.73                | 65   | 100.00%               | 83   |
| Post Advisory       | 3.14%    | 10.21%    | 50   | 10.07%           | 18         | 2.56%         | 21   | 5.11%             | 69   | 0.79                | 52   | 70.87%                | 12   |
| Barclays High Yield |          | 10.94%    | 30   | 13.91%           | 87         | 0.00%         | 79   | 0.00%             | 1    | 0.73                | 65   | 100.00%               | 83   |
| KDP                 | 1.06%    |           |      |                  |            |               |      |                   |      |                     |      |                       |      |
| Barclays High Yield |          |           |      |                  |            |               |      |                   |      |                     |      |                       |      |

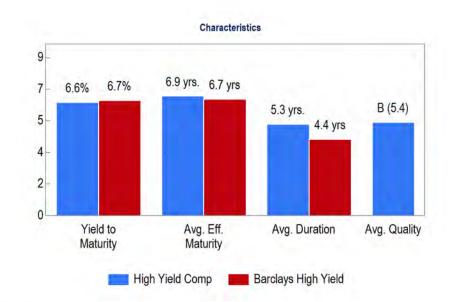


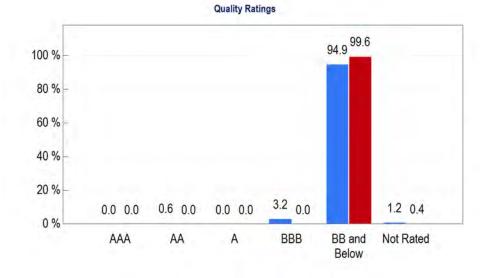


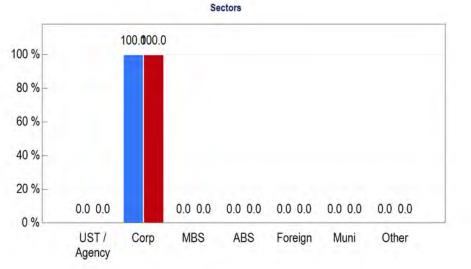
3 Year Style Analysis









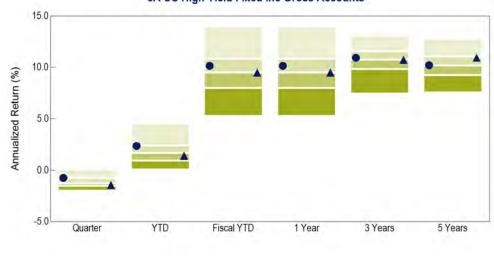




June 30, 2013

## Post Advisory

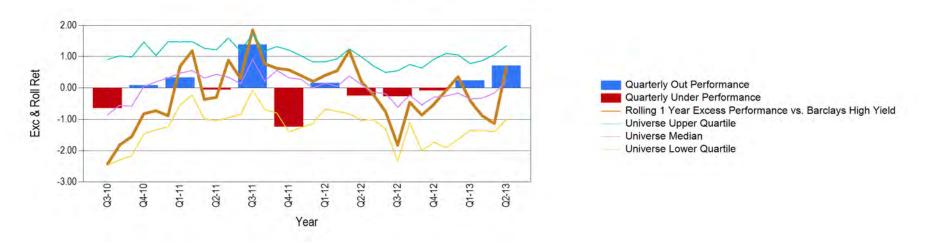
Post's team concentrate on under-followed and misunderstood credits as they believe that these securities have the highest probability of being mispriced by the consensus view. They also consider the downside protection afforded by a security. Post believe the downside risk is the most important factor to be aware of. It is through downside protection that they believe they avoid much of the volatility that exists in the high yield market. Their process is quantitative oriented. They generate ideas by looking for companies that are preferably not covered by Wall St. Having found a company they apply a value scoring model to review the issue. They look at both quantitative and qualitative factors, with the different factors being given different weights, although all factors apply across all industries to allow them to standardize. The most important quantitative factor is free cash flow and the most important qualitative factor is the management team and corporate structure. That said, the factors do gradually change over time, this is a result of constantly reviewing the model.



eA US High Yield Fixed Inc Gross Accounts

Post Advisory
 Barclays High Yield

Annualized Excess Performance

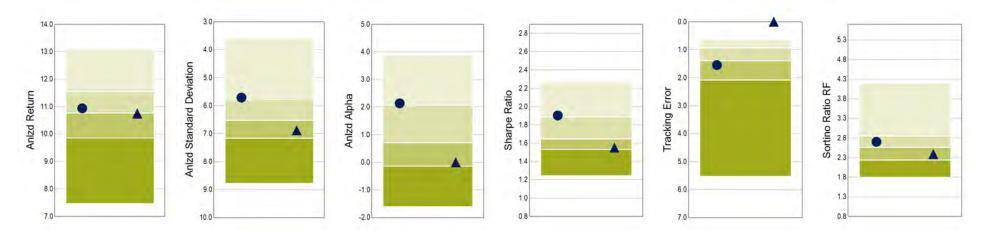




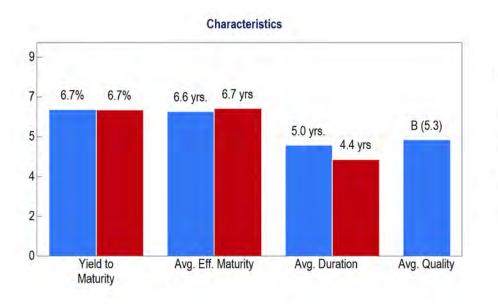


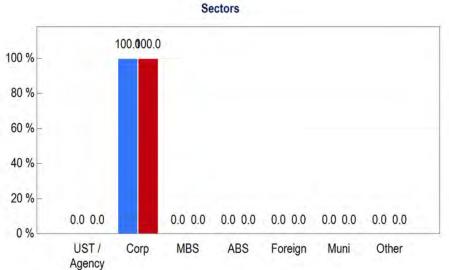
- eA US High Yield Fixed Inc Gross .

**3 Year Risk Statistics** 











Barclays High Yield

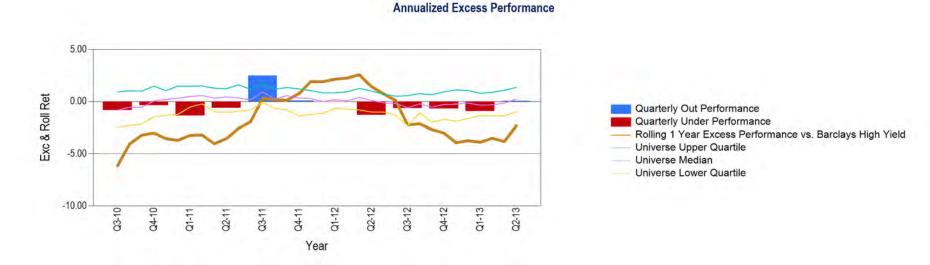


KDP believes that the key to delivering superior risk-adjusted returns lies in controlling credit risk. To do this the firm combines rigorous, bottom-up credit analysis with an active, top-down management approach that ensures a strong overall credit profile and broad portfolio diversification. KDP employs a value-oriented approach to investing that leverages our strong fundamental research capabilities, and seeks to take advantage of market inefficiencies and anomalies on an opportunistic basis in order to capture excess credit spread. KDP places a strong emphasis on issuer, industry and sector diversification, and tends to focus on larger companies, as they tend to be more resilient in times of difficulty and their securities tend to be more liquid. KDP uses a proprietary "Default Risk Ranking (DRR)" System to screen securities eligible for purchase in its portfolios. By assigning default risk probabilities to companies covered, the DRR system is used to identify securities that are overvalued or undervalued relative to the market. The firm minimizes portfolio volatility in part by investing in securities of companies that exhibit greater resilience in times of financial distress. KDP focuses on companies with good management, stable to improving earnings, good balance sheet liquidity and a strong competitive position in industries with favorable underlying fundamentals.

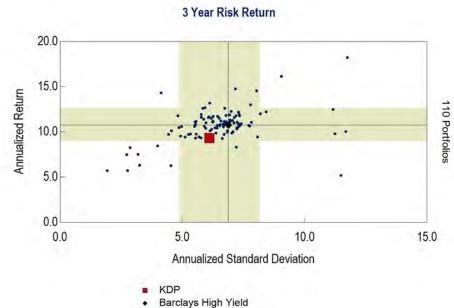


eA US High Yield Fixed Inc Gross Accounts





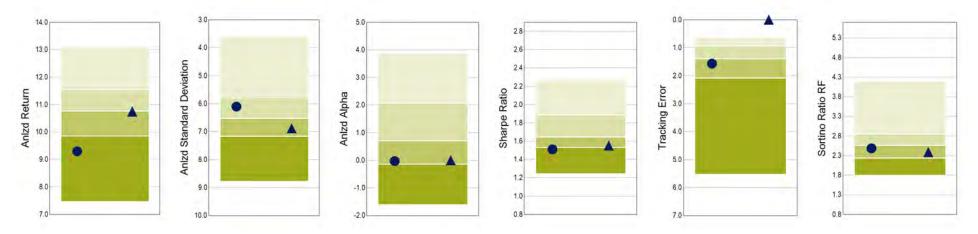




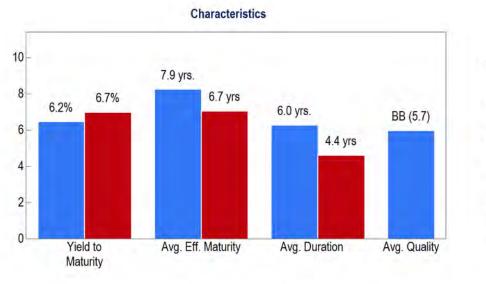
68% Confidence Interval

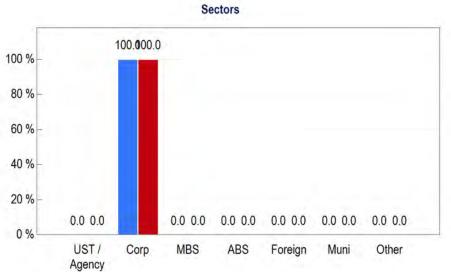
eA US High Yield Fixed Inc Gross



















#### BlackRock TIPS

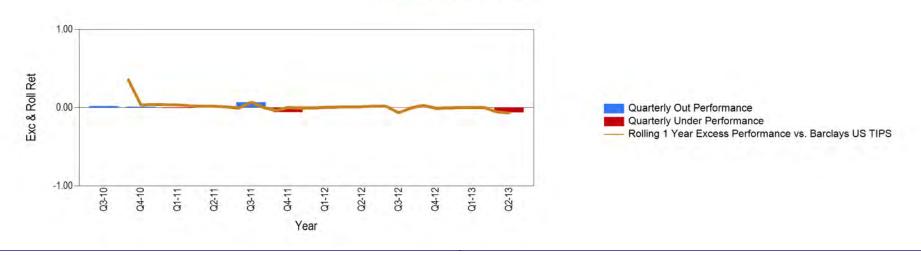
In the management of an inflation-linked bond portfolio, BlackRock will utilize multiple strategies to outperform the index. These include: duration and yield curve positioning, technical supply/demand anomalies related primarily to the ILB auction cycle, seasonal factors related to non-seasonally adjusted inflation-linked indices, break-even spread between ILBs and nominal securities, and, if applicable, sector and country allocation. The team compares nominal yields with real yields and factor in their views on inflation. If the yield spread is less than the inflation rate, then ILBs are considered to trade cheaply to nominal bonds and have greater relative value. The portfolio currently holds about 31 positions, out of 27-29 issues in the benchmark. Turnover is moderate, at around 100-150%.

▲ Barclays US TIPS

BlackRock TIPS

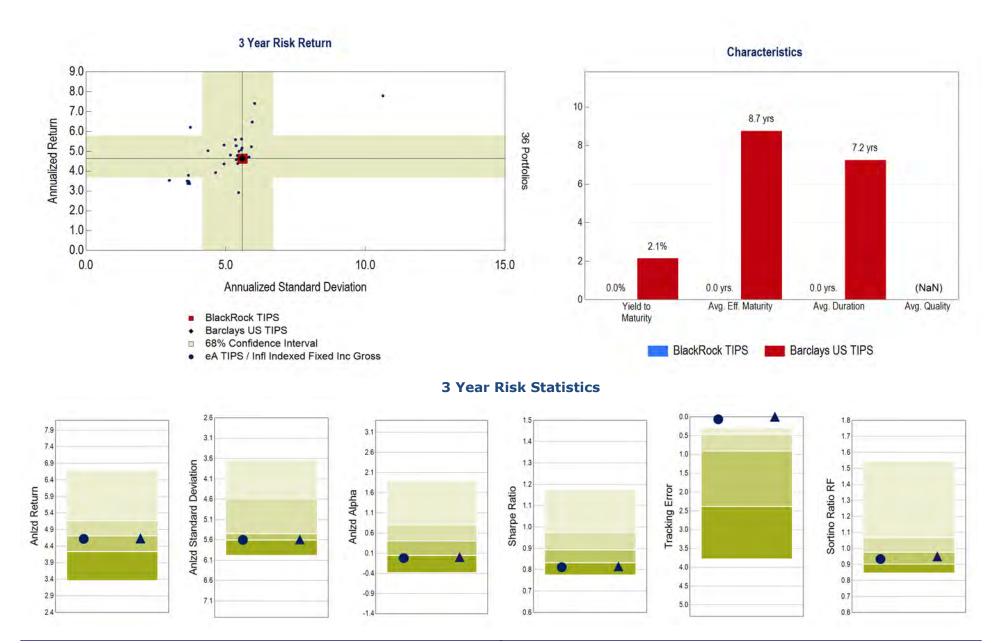
eA TIPS / Infl Indexed Fixed Inc Gross Accounts

Annualized Excess Performance





## BlackRock TIPS







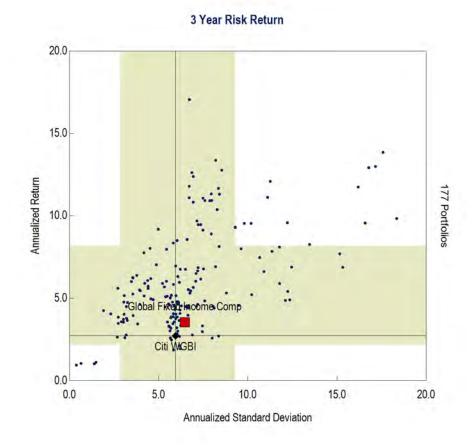


|                          |          |           |      | 3                | 3 Years En | ding June 30, | 2013 |                   |      |                     |      |                       |      |
|--------------------------|----------|-----------|------|------------------|------------|---------------|------|-------------------|------|---------------------|------|-----------------------|------|
|                          | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank       | Anlzd AJ      | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Global Fixed Income Comp | 2.76%    | 3.55%     | 84   | 6.48%            | 57         | 0.74%         | 91   | 2.04%             | 13   | 0.89                | 73   | 108.27%               | 85   |
| Citi WGBI                |          | 2.72%     | 93   | 5.96%            | 44         | 0.00%         | 97   | 0.00%             | 1    | 0.60                | 94   | 100.00%               | 79   |
| Mondrian GFI             | 2.76%    | 2.28%     | 97   | 6.63%            | 59         | -0.66%        | 99   | 1.58%             | 7    | 0.50                | 98   | 117.98%               | 88   |
| Citi WGBI                |          | 2.72%     | 93   | 5.96%            | 44         | 0.00%         | 97   | 0.00%             | 1    | 0.60                | 94   | 100.00%               | 79   |



|                          |          |           |      | ę                | ō Years En | ding June 30, | 2013 |                   |      |                     |      |                       |      |
|--------------------------|----------|-----------|------|------------------|------------|---------------|------|-------------------|------|---------------------|------|-----------------------|------|
|                          | % of Tot | Anlzd Ret | Rank | Anlzd Std<br>Dev | Rank       | Anlzd AJ      | Rank | Tracking<br>Error | Rank | Sortino<br>Ratio RF | Rank | Down Mkt<br>Cap Ratio | Rank |
| Global Fixed Income Comp | 2.76%    | 5.26%     | 48   | 8.45%            | 57         | 2.24%         | 57   | 4.05%             | 30   | 0.93                | 34   | 105.10%               | 73   |
| Citi WGBI                |          | 3.04%     | 87   | 7.48%            | 35         | 0.00%         | 88   | 0.00%             | 1    | 0.57                | 73   | 100.00%               | 69   |
| Mondrian GFI             | 2.76%    | 4.43%     | 66   | 7.56%            | 37         | 1.49%         | 68   | 2.26%             | 9    | 0.91                | 36   | 100.95%               | 69   |
| Citi WGBI                |          | 3.04%     | 87   | 7.48%            | 35         | 0.00%         | 88   | 0.00%             | 1    | 0.57                | 73   | 100.00%               | 69   |

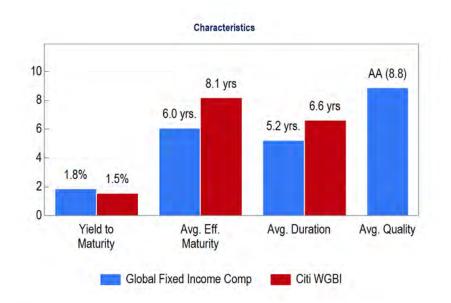


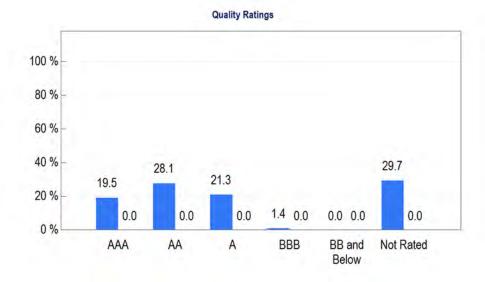


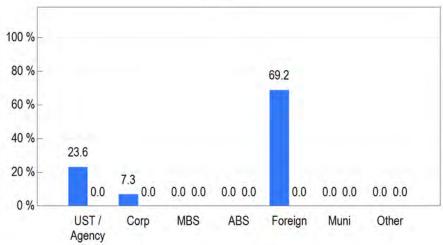
Corp. Bonds Global Fixed Income Comp Barclays Aggregate Mortgages











Sectors

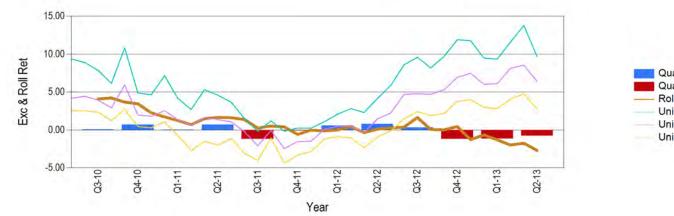




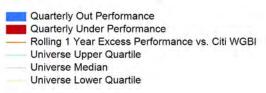
#### Mondrian GFI

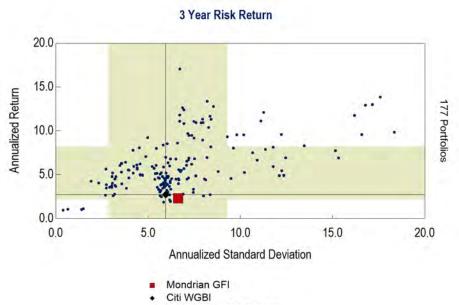
Bond vield for each market minus Mondrian's inflation forecast for that country. Mondrian will consider investing in the government debt of all countries within the Citigroup World Government Bond Index and other developed world bond markets. Within the emerging world most countries are researched and will include dollar denominated and local currency issuers. Mondrian's bond universe is constructed by selecting a range of bonds from the aforementioned regions at varying maturities, according to Mondrian's credit, liquidity and other specific criteria. A total of 150-200 issues are followed closely, although this list is not intended to be exhaustive. Mondrian bases its duration strategy on the size of potential long term "real" returns in a country's local market. This approach means that in practice, portfolio durations change gradually over time, and that Mondrian does not attempt to anticipate frequent interest rate changes. Mondrian's Credit Committee, chaired by John Kirk is responsible for sector recommendations in the various international markets. Each sector is assigned a prospective credit rating and current yield differentials where comparable government bonds are then assessed for their attractiveness. Mondrian seeks to add value through the use of non-governmental debt, although corporate bonds are a small part of the strategy and contribute a small portion to excess returns. Typically, sovereign and supranational issues comprise between 70% to 100% of a portfolio. High-guality foreign corporate debt is utilized, and may represent between 0% to 30% of a portfolio. In the case of corporate debt, the upper limit of 30% is strictly adhered to. A portfolio will typically hold between 30 and 40 securities.





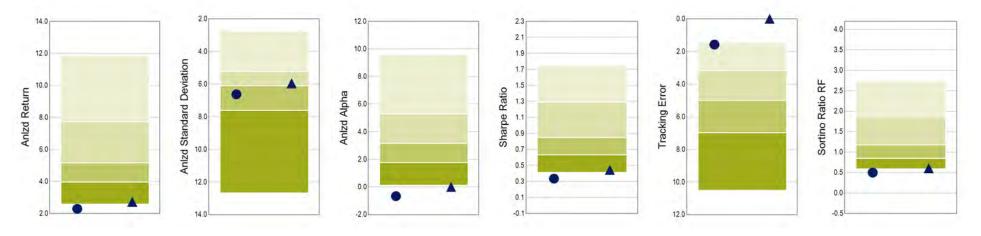
#### Annualized Excess Performance



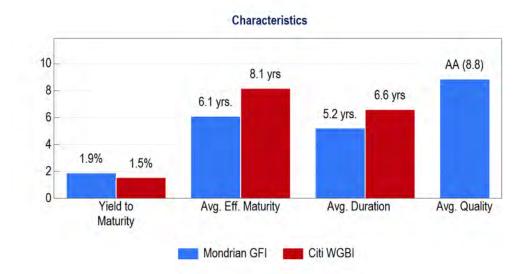


- 68% Confidence Interval
- eA All Global Fixed Inc Gross

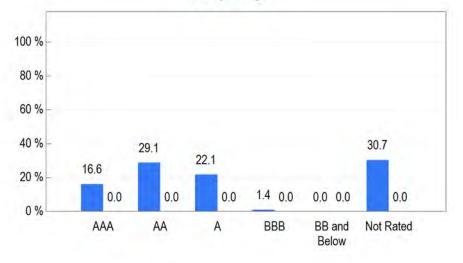
**3 Year Risk Statistics** 

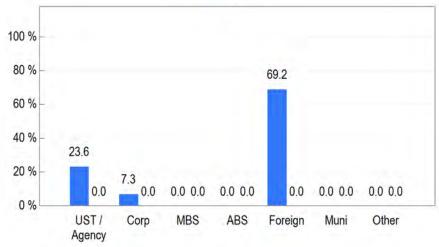












Sectors





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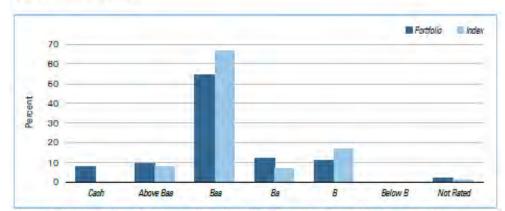


## Wellington Opportunistic Emerging Market Debt

#### **Portfolio Statistics**

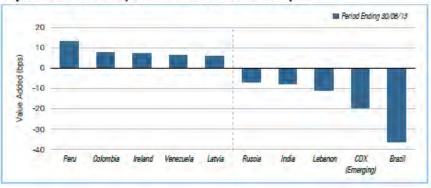
|                          | Portfolio | Index    |
|--------------------------|-----------|----------|
| Yield                    | 5.58%     | 5.71%    |
| Effective Duration       | 6.61 Yrs  | 6.91 Yrs |
| Spread Duration          | 6.49 Yrs  | 6.91 Yrs |
| Corporate Exposure       | 17.47%    |          |
| EM Local Market Exposure | 11.63%    | -        |
| EM Currency Exposure     | 3.89%     |          |
| Average Quality          | Baa2      | Baa3     |

#### **Quality Distribution**

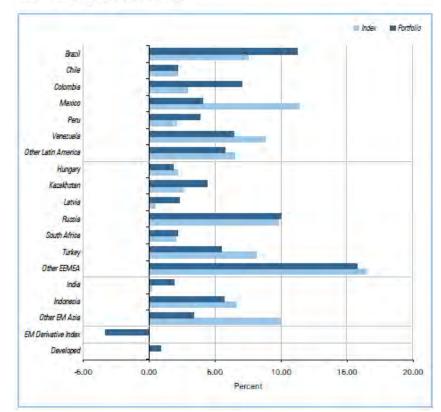


May not add to 100% due to derivative positions in portfolios that permit the use of such instruments. Quality ratings are based on the highest of Fitch, Moody or S&P.

Top/Bottom 5 Country Contributors to Portfolio Alpha







Source: Wellington Management



#### Wellington Opportunistic Emerging Market Debt

-The Opportunistic Emerging Markets Debt investment approach seeks to generate attractive returns relative to an emerging markets debt benchmark such as the J.P. Morgan Emerging Markets Bond Index Global (EMBI Global), or similar, independent of traditional benchmark constraints.

-Disciplined investment approach that integrates systematic research from both quantitative and fundamental perspective. Risk Management Due to the credit, currency, and local interest rate risks inherent in investing in these markets, and the structural complexity of some emerging markets debt instruments, a comprehensive system of risk controls is required to manage risks such as sovereign and corporate defaults, local currency volatility, and local debt yield curve inversions.

-The investment process begins with a thorough assessment of global economic, liquidity, and market conditions. Wellington combines comprehensive top-down quantitative and macroeconomic analysis with bottom-up sovereign credit research to identify key global factors and to determine the potential impact on emerging markets debt. The resulting market outlook determines the overall risk level of the portfolio.

-Opportunistic Emerging Markets Debt is an unconstrained, best ideas approach that takes advantage of investment opportunities in emerging markets sovereign, corporate, and local markets to generate attractive total returns. It is managed by the same team that has been responsible for the Emerging Markets Debt approach since its inception.





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#### Mellon Global Expanded Alpha

The core philosophy behind Mellon's Global Expanded Alpha strategy is that global capital markets are an orderly and mostly rational structure over the long term and that prices reflect expected returns based on fundamentals. However while equilibrium exists there are factors in the capital markets which cause prices to deviate from the equilibrium. Mellon seeks to diversify investment exposure across many asset classes. Global Stocks, Global Bonds and Currencies are the broad asset classes in which Global Alpha 1 is exposed. Mellon determines expected returns, risks, and correlations for each asset class in the twelve major capital markets (Australia, Canada, France, Germany, Hong Kong, Italy, Japan, the Netherlands, Spain, Switzerland, the U.K., and the U.S.) where they actively allocate assets. Model has been expanded to new alpha sources: emerging markets and commodities. Alpha in the emerging market is extracted through both emerging market equities and currencies. Emerging market equity and currency models rely on similar signals to those employed in developed equities and currencies models. Relative Valuation is the basis for asset class investment decisions. Investment instruments used include Futures, Forwards, Options and Asset Class Funds. Mellon is capable of taking Long/Short positions in any instruments but must be Net Long Stocks and Bonds.

|                    |                          |   | Performance & A   | ttribution - 2  | nd Quarter 2  | 013  |   |   |  |
|--------------------|--------------------------|---|---|---|---|--|---|---|--|
| Strategy<br>Return | Benchmark<br>Return      | Alpha   | Global<br>Stock/Bond  | Equity<br>Country   | Bond<br>Country   | Currency   | Benchmark<br>Replication  | Misc.   | Total Alpha  |
| 2.18%              | 2.42%                    | -0.24%  | 13  | 7   | 31  | -81  | -2  | 9   | -24  |
| 1.01%              | 0.59%                    | 1.59%   | 57  | 71  | 33  | -10  | 9   | 0   | 160  |
| -2.67%             | -1.94%                   | -0.73%  | -9  | -27   | -50   | 18   | -1  | -4  | -73  |
|                    | Return<br>2.18%<br>1.01% | Return         Return           2.18%         2.42%           1.01%         0.59% | Strategy<br>ReturnBenchmark<br>ReturnAlpha2.18%2.42%-0.24%1.01%0.59%1.59% | Strategy<br>ReturnBenchmark<br>ReturnAlphaGlobal<br>Stock/Bond2.18%2.42%-0.24%131.01%0.59%1.59%57 | Strategy<br>ReturnBenchmark<br>ReturnAlphaGlobal<br>Stock/BondEquity<br>Country2.18%2.42%-0.24%1371.01%0.59%1.59%5771 | Strategy<br>ReturnBenchmark<br>ReturnAlphaGlobal<br>Stock/BondEquity<br>CountryBond<br>Country2.18%2.42%-0.24%137311.01%0.59%1.59%577133 | Return         Return         Alpha         Stock/Bond         Country         Country         Currency           2.18%         2.42%         -0.24%         13         7         31         -81           1.01%         0.59%         1.59%         57         71         33         -10 | Strategy<br>ReturnBenchmark<br>ReturnAlphaGlobal<br>Stock/BondEquity<br>CountryBond<br>CountryCurrencyBenchmark<br>Replication2.18%2.42%-0.24%13731-81-21.01%0.59%1.59%577133-109 | Strategy<br>ReturnBenchmark<br>ReturnAlphaGlobal<br>Stock/BondEquity<br>CountryBond<br>CountryCurrencyBenchmark<br>ReplicationMisc.2.18%2.42%-0.24%13731-81-291.01%0.59%1.59%577133-1090 |

#### Performance & Attribution - Calendar Years & Annualized as of 6/30/2013

| Period   | Strategy<br>Return | Benchmark<br>Return | Alpha   | Global<br>Stock/Bond | Equity<br>Country | Bond<br>Country | Currency | Benchmark<br>Replication | Misc. | Total Alpha |
|----------|--------------------|---------------------|---------|----------------------|-------------------|-----------------|----------|--------------------------|-------|-------------|
| YTD 2013 | 6.05%              | 4.76%               | 1.29%   | 141                  | -87               | 32              | 22       | 11                       | 10    | 129         |
| 2012     | 11.23%             | 11.17%              | 0.06%   | -24                  | -46               | 216             | -180     | 19                       | 21    | 6           |
| 2011     | 0.86%              | -0.75%              | 1.61%   | -174                 | 123               | 131             | 75       | 26                       | -20   | 161         |
| 2010     | 16.09%             | 8.78%               | 7.31%   | -81                  | 17                | 291             | 338      | 134                      | 32    | 731         |
| 2009     | 31.42%             | 17.43%              | 13.99%  | 196                  | 354               | 191             | 125      | 325                      | 208   | 1399        |
| 2008     | -36.00%            | -22.36%             | -13.64% | -970                 | -154              | 233             | -421     | -431                     | 379   | -1364       |
| 2007     | 1.63%              | 7.87%               | -6.24%  | 108                  | -181              | -208            | -315     | 17                       | -44   | -624        |
| 1 Year   | 14.27%             | 11.54%              | 2.73%   | 170                  | -79               | 194             | -79      | 16                       | 50    | 273         |
| 3 years  | 12.31%             | 9.58%               | 2.73%   | -20                  | 41                | 169             | 45       | 23                       | 16    | 273         |
| 5 years  | 5.08%              | 4.05%               | 1.04%   | -142                 | 57                | 196             | 9        | 33                       | -49   | 103         |

Source: Mellon Capital Management

\*Index is 50% MSCI ACWI, 25% Citi WGBI, 10% BC Global Inflation Linked, 5% Russell 2000, 5% BC US Intermediate Credit, 5% DJ-UBS Commodity



## Mellon Capital Global Alpha I (Global Asset Allocation)

#### Equity Exposure

| Country        | Mellon % | Index % | Over % |
|----------------|----------|---------|--------|
| Australia      | 4.0%     | 2.0%    | 2.0%   |
| Canada         | 1%       | 2.5%    | -2.6%  |
| France         | -1.3%    | 2.3%    | 3.6%   |
| Germany*       | 13.5%    | 2.1%    | 11.4%  |
| Hong Kong      | 2.7%     | 0.7%    | 2.0%   |
| Italy          | 1.4%     | 0.5%    | .9%    |
| Japan          | 7.2%     | 5.6%    | 1.7%   |
| Netherlands    | 2.7%     | 0.6%    | 2.1%   |
| Spain          | -1.8%    | 0.7%    | -2.5%  |
| Switzerland    | 5%       | 2.3%    | -2.7%  |
| United Kingdom | 12.7%    | 5.5%    | 7.4%   |
| United States  | 28.9%    | 32.9%   | -4.0%  |

| Bond Exposure  |          |         |        |
|----------------|----------|---------|--------|
| Country        | Mellon % | Index % | Over % |
| Australia      | 5.5%     | 1.3%    | 4.1%   |
| Canada         | -2.6%    | 1.6%    | -4.2%  |
| Europe ex-UK   | 4.1%     | 12.4%   | -8.3%  |
| Japan          | -14.3%   | 5.9%    | -20.2% |
| United Kingdom | 4.9%     | 2.1%    | 2.8%   |
| United States  | 27.7%    | 14.9%   | 12.8%  |

#### **Currency Exposure**

| Country     | Mellon % | Index % | Over %  |
|-------------|----------|---------|---------|
|             |          |         |         |
| Aus Dollar  | -6.5%    | 1.7%    | -8.2%   |
| Can Dollar  | 6%       | 2.1%    | -2.6%   |
| Denmark     | 0.6%     | 0.3%    | 0.3%    |
| Euro        | -20.1%   | 8.6%    | -28.70% |
| Yen         | 6.2%     | 5.7%    | .5%     |
| New Zealand | 10.5%    | 0.0%    | 10.5%   |
| Norway      | 2.9%     | 0.3%    | 2.6%    |
| Sweden      | 14.8%    | 0.6%    | 14.2%   |
| Switzerland | -1.1%    | 1.4%    | -2.5%   |
| UK Pound    | -7.7%    | 3.7%    | -11.4%  |
| US Dollar   | 97.2%    | 73.9%   | 23.3%   |
| Other<br>e  | 3.9%     | 1.8%    | 2.1%    |

\*Germany represents Europe ex-UK for Bond Exposu Source: Mellon Capital Management



## PIMCO All Asset

| Fund Number<br>Fund Name  | 736<br>All Asset<br>Fund |           |           |           |            |           |                     |           |                   |
|---|--------------------------|-----------|-----------|-----------|------------|-----------|---------------------|-----------|-------------------|
| Total Fund Net Assets (\$US MM)                                 | 32,922.7<br>12/31/2011   | 3/31/2012 | 6/30/2012 | 9/30/2012 | 12/31/2012 | 3/31/2013 | 4/30/2013           | 5/31/2013 | 6/30/2013         |
| Short-Term Strategies:  | 0.1%                     | 0.1%      | 0.1%      | 0.3%      | 0.0%       | 0.2%      | -0.1%               | 0.0%      | -0.2%             |
| Low Duration Fund   | 0.0%                     | 0.0%      | 0.0%      | 0.2%      | 0.0%       | 0.0%      |                     |           |                   |
| Short Term Fund   | 0.0%                     | 0.0%      | 0.1%      | 0.1%      | 0.0%       | 0.0%      |                     |           | the second second |
| Net Cash Equivalents  |                          | 0.20      |           | 0.0%      | 0.0%       | 0.2%      |                     |           | 1.00              |
| US Core and Long Maturity Bond Strategies:                      | 8.2%                     | 6.3%      | 5.2%      | 5.8%      | 10.8%      | 11.3%     | 11.5%               | 10.8%     | 10.4%             |
| GNMA Fund   | -                        | -         | -         | -         |            | -         |                     |           |                   |
| Investment Grade Corporate Bond Fund                            | 5.0%                     | 3.2%      | 2.0%      | 1.2%      | 2.8%       | 3.1%      |                     |           |                   |
| Long Duration Total Return Fund                                 | 0.1%                     | 0.1%      | 0.1%      | 0.1%      | 1.8%       | 3.2%      |                     |           |                   |
| Long Term Credit Fund   | 3.0%                     | 2.8%      | 2.9%      | 2.8%      | 3.7%       | 3.6%      |                     |           |                   |
| Long-Term US Government Fund                                    | 0.1%                     | 0.0%      | 0.0%      | 0.0%      | 1.0%       | 0.7%      |                     |           |                   |
| Mortgage-Backed Securities Fund                                 |                          | -         | -         | 2         | -          |           |                     |           |                   |
| Total Return Fund   | 0.0%                     | 0.2%      | 0.1%      | 1.7%      | 1.5%       | 0.7%      |                     |           | _                 |
| EM and Global Bond Strategies:                                  | 24.1%                    | 28.3%     | 31.0%     | 30.8%     | 28.7%      | 26.9%     | 26.9%               | 26.6%     | 26.8%             |
| Diversified Income Fund   | 4.4%                     | 4.1%      | 4.2%      | 4.4%      | 4.3%       | 4.0%      | a car an an an an a | 1         |                   |
| Emerging Local Bond Fund  | 5.7%                     | 7.0%      | 8.0%      | 7.9%      | 7.4%       | 7.0%      |                     |           |                   |
| Emerging Markets Bond Fund                                      | 2.7%                     | 3.8%      | 4.5%      | 4.0%      | 3.4%       | 3.1%      |                     |           |                   |
| Emerging Markets Corporate Bond Fund                            |                          |           |           | 0.4%      | 0.8%       | 0.7%      |                     |           |                   |
| Emerging Markets Currency                                       | 7.1%                     | 7.7%      | 8.0%      | 8.0%      | 7.0%       | 6.6%      |                     |           |                   |
| Foreign Bond Fund (Unhedged)                                    | 1.5%                     | 2.5%      | 2.8%      | 2.9%      | 2.7%       | 2.4%      |                     |           |                   |
| Global Advantage Strategy Bond Fund                             | 2.7%                     | 3.2%      | 3.4%      | 3.3%      | 3.2%       | 3.0%      |                     |           |                   |
| Global Bond Fund (Unhedged)                                     |                          |           |           |           |            |           |                     |           | and the second    |
| Credit Strategies:  | 28.9%                    | 28.2%     | 29.8%     | 30.4%     | 29.5%      | 29.1%     | 29.2%               | 29.8%     | 29.3%             |
| Convertible Fund  | 3.4%                     | 3.2%      | 3.0%      | 2.1%      | 0.7%       | 0.3%      |                     | 1         |                   |
| Floating Income Fund  | 7.4%                     | 6.9%      | 6.7%      | 6.7%      | 6.6%       | 6.2%      |                     |           |                   |
| High Yield Fund   | 6.5%                     | 6.8%      | 7.9%      | 8.1%      | 6.2%       | 6.0%      |                     |           |                   |
| High Yield Spectrum Fund  | 1.6%                     | 1.9%      | 2.5%      | 2.6%      | 3.0%       | 3.7%      |                     |           |                   |
| Income Fund   | 9.1%                     | 8.6%      | 8.7%      | 8.8%      | 10.3%      | 10.0%     |                     |           | 1.000             |
| Senior Floating Rate Fund                                       | 0.8%                     | 0.7%      | 0.9%      | 2.1%      | 2.6%       | 2.8%      |                     |           |                   |
| Inflation Related Strategies:                                   | 17.6%                    | 17.0%     | 12.6%     | 8.0%      | 2.5%       | 2.0%      | 1.9%                | 2.0%      | 2.1%              |
| CommoditiesPLUS™ Strategy Fund                                  | 4.5%                     | 6.6%      | 6.3%      | 5.4%      | 2.4%       | 1.8%      |                     |           |                   |
| CommodityRealReturn Strategy Fund®                              | 4.5%                     | 2.5%      | 1.9%      | 1.8%      | 0.1%       | 0.1%      |                     |           |                   |
| Global Advantage® Inflation-Linked Bond Exchange-Traded Fund    |                          |           |           |           | 0.1%       | 0.1%      |                     |           |                   |
| Real Return Asset Fund  | 5.3%                     | 4.5%      | 1.0%      | 0.0%      | 0.0%       | 0.0%      |                     |           |                   |
| Real Return Fund  | 0.0%                     | 0.0%      | 0.0%      | 0.0%      | 0.0%       | 0.0%      |                     |           |                   |
| RealEstateRealReturn Strategy Fund                              | 3.3%                     | 3.3%      | 3.5%      | 0.8%      | -          | -         | 1.00/               | 1.00/     | 1.00/             |
| US Equity Strategies:<br>Fundamental IndexPLUS®                 | 1.3%                     | 1.0%      | 1.0%      | 0.9%      | 0.9%       | 1.0%      | 1.0%                | 1.0%      | 1.0%              |
| Fundamental IndexPLUS® AR                                       | 0.2%                     | 0.1%      | 0.1%      | 0.1%      | 0.1%       | 0.1%      |                     |           | 1.1.1.1.1.1.1.1   |
| Small Cap StocksPLUS® AR Strategy                               | 0.1%                     | 0.1%      | 0.1%      | 0.1%      | 0.1%       | 0.1%      |                     |           |                   |
| Small Company Fundamental IndexPLUS® AR Strategy                | 0.6%                     | 0.6%      | 0.6%      | 0.6%      | 0.6%       | 0.6%      |                     |           |                   |
| StocksPLUS® Fund  | 0.0%                     | 0.0%      | 0.0%      | 0.0%      | 0.0%       | 0.0%      |                     |           |                   |
| StocksPLUS® Absolute Return Fund                                | 0.3%                     | 0.1%      | 0.1%      | 0.1%      | 0.1%       | 0.1%      |                     |           |                   |
| Global Equity Strategies:                                       | 13.4%                    | 14.8%     | 18.2%     | 18.4%     | 17.8%      | 16.8%     | 17.0%               | 16.8%     | 16.4%             |
| EM Fundamental IndexPLUS® AR Strategy Fund                      | 8.9%                     | 9.4%      | 9.8%      | 10.1%     | 9.7%       | 8.9%      | 11.070              | 10.076    | 10.476            |
| EqS Dividend Fund   | 0.1%                     | 0.1%      | 0.1%      | 0.1%      | 0.1%       | 0.1%      |                     |           | 10 March 10       |
| EqS Emerging Markets Fund                                       | 0.2%                     | 0.2%      | 0.2%      | 0.2%      | 0.2%       | 0.2%      |                     |           |                   |
| EqS Pathfinder Fund   | 2.3%                     | 2.0%      | 1.9%      | 1.8%      | 1.8%       | 1.8%      |                     |           |                   |
| International Fundamental IndexPLUS® AR Strategy Fund           | 0.8%                     | 2.2%      | 5.4%      | 5.4%      | 5.3%       | 5.1%      |                     |           |                   |
| International StocksPLUS® AR Strategy Fund (U.S. Dollar Hedged) | 0.5%                     | 0.2%      | 0.2%      | 0.2%      | 0.2%       | 0.2%      |                     |           |                   |
| International StocksPLUS® AR Strategy Fund (Unhedged)           | 0.6%                     | 0.6%      | 0.5%      | 0.5%      | 0.6%       | 0.6%      |                     |           |                   |
| Alternative Strategies:   | 6.4%                     | 4.4%      | 2.2%      | 5.4%      | 9.6%       | 12.7%     | 12.8%               | 13.0%     | 14.2%             |
| Credit Absolute Return Fund                                     | 0.2%                     | 0.2%      | 0.2%      | 0.2%      | 0.5%       | 0.5%      |                     |           |                   |
| EqS Long/Short Fund   |                          |           | 0.4%      | 0.4%      | 0.3%       | 0.4%      |                     |           |                   |
| Fundamental Advantage Absolute Return Strategy Fund             | 3.6%                     | 2.0%      | 1.2%      | 2.8%      | 4.1%       | 2.8%      |                     |           |                   |
| Unconstrained Bond Fund   | 2.6%                     | 2.1%      | 0.4%      | 2.0%      | 3.8%       | 5.3%      |                     |           |                   |
| Worldwide Fundamental Advantage AR Strategy Fund                | -                        |           | 8         | -         | 0.8%       | 3.7%      |                     |           |                   |
|   | 100.0%                   | 100.0%    | 100.0%    | 100.0%    | 100.0%     | 100.0%    | 100.0%              | 100.0%    | 100.0%            |

-PIMCO's All Asset Fund uses a Fund of Mutual Funds approach. Investment funds are continuously reallocated between various PIMCO Mutual funds base on strategic allocation decisions made by the advisor to the investment manager. Because both by policy and practice fixed income related securities tend to dominate the All Asset Funds asset allocation, and also because historical risk return measures correlate highly to core fixed income portfolio's. This investment may be categorized as either global asset allocation or core fixed income.

-The underlying funds may at times invest in derivatives. Use of these instruments may involve risks such as liquidity risk, interest rate risk, market risk, credit risk, management risk and the risk that a fund could not close out a position when it would be most advantageous to do so. Portfolios investing in derivatives can lose more than the principal amount invested.

-Shares of mutual funds that invest in Treasuries, TIPS and Government Bonds do not have the same guarantees as direct investments in these securities. Mortgage-backed securities are subject to prepayment risk. With corporate bonds there is no assurance that issuers will meet their obligations. An investment in high-yield securities generally involves greater risk to principal than an investment in higher-rated bonds. Investing in non-U.S. securities may entail risk as a result of non-U.S. economic and political developments, which may be increased when investing in emerging markets.

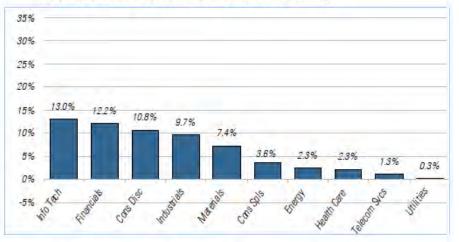
-No single fund may exceed 50% of the portfolio. There is a maximum exposure of 50% to StocksPLUS, StocksPLUS Total Return and International StocksPLUS TR Strategy Funds combined. There is a maximum exposure of 75% to CommodityRealReturn Strategy, Real Return, Real Return II, Real Return Asset and RealEstateRealReturn Strategy Funds combined.

-Leverage is permitted but is not expected to be used. Possible investment instruments are Stocks, Bonds, Currency, Commodities, Futures, Options, Options on Futures, and Swaps.

-The Fund is expected to outperform the Lehman Brothers U.S. TIPS 1-10 Year Index and CPI + 5% over a market cycle. The PIMCO All Asset Fund is a daily valued commingled fund.

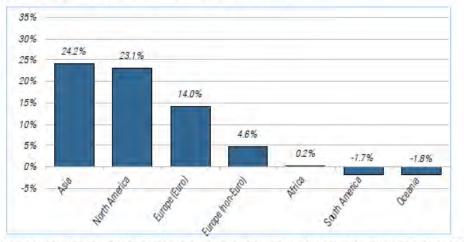


## Wellington OIF



Equity Sector Exposure (Percent of Portfolio)

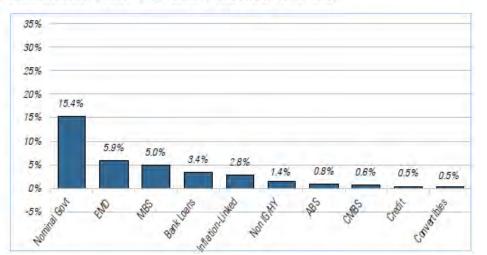
#### Equity Region Exposure (Percent of Portfolio)



Data is sourced from Wellington Management's internal systems. It is as of the end of the day for the effective date of the report and reflects unaudited information available as of that date only. Equity sector data is sourced from MSCI; region data is based on the issuing company's domicile. Fixed income sector data is based on sectors defined by the Wellington Management Asset Allocation team.

Source: Wellington Management.





#### Fixed Income Sector Exposure (Percent of Portfolio)

#### Fixed Income Statistics (35% of Opportunistic Investment Allocation)

|          | Portfolio | Barclays Capital<br>US Aggregate<br>Bond |
|----------|-----------|--|
| Duration | 4.1 yrs   | 5.3 yrs                                  |
| OAS      | 179 bps   | 59 bps                                   |
| YTM      | 3.7 %     | 2.5 %                                    |

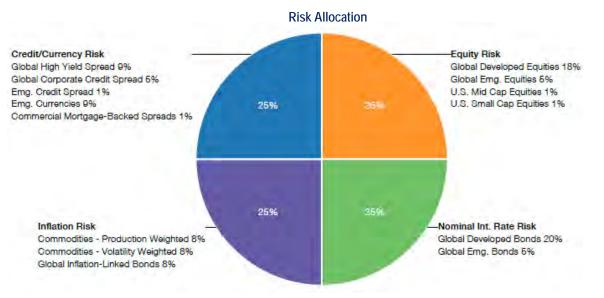
#### Wellington OIF

-The objective of the Opportunistic Investment Allocation approach is to outperform core markets by making timely investments in non-core areas that are attractively valued, have positive structural tailwinds, or are expected to benefit from the anticipated cyclical environment. Opportunistic Investment Allocation is an unconstrained, non-benchmark oriented investment approach.

-The Opportunistic Investment Allocation approach provides exposure to a variety of investment approaches that focus on non-core areas, such as non-US small cap, emerging markets equity, and sector funds. Non-core areas are inherently interesting as they are typically less efficient sectors of the market where active managers have a history of strong value added. However, a drawback to these investment areas is their high level of volatility. One source of high volatility is structural change, which results in instability of long-term performance characteristics. When performance characteristics are unstable over time it is difficult to address the asset class in a static long-term asset allocation policy. Assuming that historical performance characteristics are representative of future results often leads institutional investors to either buy these niche areas at high valuations (after positive structural surprises) or ignore (sell) them when they are out of favor (after a negative structural surprise). For these reasons, Wellington believes that allocations to these areas should not be strategic, but opportunistic in nature.



## AQR Global Risk Premium Fund



#### Estimated Exposure Breakdown

|                                    | Long Exposure (% of NAV) |
|------------------------------------|--------------------------|
| Equity Risk                        |                          |
| Global Developed Equities          | 10%                      |
| Global Emerging Equities           | 2%                       |
| U.S. Mid Cap Equities              | 1%                       |
| U.S. Small Cap Equities            | 1%                       |
| Total Equity Risk                  | 13%                      |
| Nominal Interest Rate Risk         |                          |
| Global Developed Bonds             | 49%                      |
| Global Emerging Bonds              | 6%                       |
| Total Nominal Interest Rate Risk   | 55%                      |
| Inflation Risk                     |                          |
| Commodities - Production Weighted  | 6%                       |
| Commodities - Volatility Weighted  | 7%                       |
| Global Inflation-Linked Bonds      | 14%                      |
| Total Inflation Risk               | 27%                      |
| Credit/Currency Risk               |                          |
| Global High Yield Spread           | 9%                       |
| Global Corporate Credit Spread     | 19%                      |
| Emerging Credit Spread             | 2%                       |
| Emerging Currencies                | 11%                      |
| Commercial Mortgage-Backed Spreads | 0%                       |
| Total Credit/Currency Risk         | 41%                      |
| Total Fund Exposures               | 136%                     |

|   | Long Exposure (% of NAV) |  |  |  |
|---|--------------------------|--|--|--|
| Equity Market Exposures                   |                          |  |  |  |
| Americas                                  | 7%                       |  |  |  |
| Europe                                    | 3%                       |  |  |  |
| Asia ex-Japan                             | 2%                       |  |  |  |
| Japan                                     | 1%                       |  |  |  |
| Total Equity Market Exposures             | 13%                      |  |  |  |
| Bond Market Exposures - Nominal and Infla | tion-Linked              |  |  |  |
| Americas                                  | 27%                      |  |  |  |
| Europe                                    | 27%                      |  |  |  |
| Asia                                      | 16%                      |  |  |  |
| Total Bond Market Exposures               | 69%                      |  |  |  |
| Emerging Currency Exposures               |                          |  |  |  |
| Asia                                      | 3%                       |  |  |  |
| Europe                                    | 3%                       |  |  |  |
| Latin America                             | 3%                       |  |  |  |
| Dollar Block ex-U.S.                      | 2%                       |  |  |  |
| Total Emerging Currency Exposures         | 11%                      |  |  |  |

Source: AQR



#### AQR Global Risk Premium Fund

-The AQR Global Risk Premium Fund is equally risk weighted between four major asset classes or risk exposures: equities, interest rates, inflation, and alternative risk exposures - almost entirely spread/credit.

-By diversifying broadly & globally - across the broadest possible set of liquid risk-bearing assets, diversifying risk rather than capital - avoiding risk concentration by sizing broad risk exposures equally, the strategy develops a an efficient portfolio that is likely to outperform traditional asset allocations.

-Individual exposures are implemented through a variety of instruments, including: stock index futures and swaps, bond futures, interest rate swaps, global inflation-linked bonds, currency forwards, credit derivatives, and commodity futures & swaps.

-Implementation decisions include capital usage, liquidity, transaction costs, and counterparty exposure. Since the strategy is levered, there is limited available capital; therefore, derivative instruments such as swaps and futures, will be preferred to physical investment in a market, all else being equal.

-The majority of exposures are accessed synthetically - generally, over 70% of the funds capital is invested in cash funds through SSgA and Dreyfus. These are money market funds meant to preserve capital, not meant to chase a spread above LIBOR as an additional source of return.

-The fund attempts to maintain a healthy liquidity profile, both from a risk management standpoint and in order to fulfill the promise of monthly liquidity to investors.

-Implementation with the most liquid instruments will be preferred and will help in limiting transaction costs.

-Swap agreements and forwards take on counterparty risk. Counterparties are chosen based on analysis from a separate counterparty committee who determine approved counterparties across AQR's, limitations to exposures to each counterparty, as well as presenting AQR's credit worthiness to counterparties. Counterparty exposure is spread across several firms in order to minimize this risk.







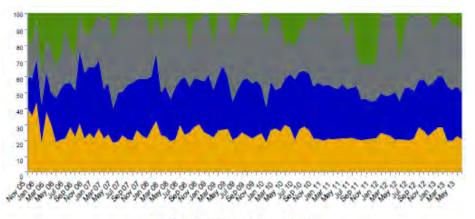
## Schroder Commodity

#### Sector Exposure

| urrent Exposures as of Jur | ie 30, 2013                 | Futures    | Equities | ETF/ Swaps | Total Exposure |
|----------------------------|-----------------------------|------------|----------|------------|----------------|
| _                          | Crude Oil                   | 26.2       | _        | _          | 26.2           |
|                            | Gas Oil                     | 1.0        |          |            | 1.0            |
| Foorm: 40.49/              | Gasoline                    | 2.1        |          |            | 2.1            |
| Energy 40.1%               | Heating Oil                 | 4.5        |          |            | 4,5            |
|                            | Natural Gas                 | 5.2        | 1.1      |            | 6.3            |
|                            | Coal                        |            |          |            |                |
|                            | Gold                        | 2.6        |          |            | 5.5            |
|                            | Aluminum                    | 4.1        |          |            | 4.1            |
|                            | Copper                      | 4.9        |          |            | 4.9            |
|                            | Lead                        | 1.4        |          |            | 1.4<br>1.2     |
|                            | Nickel                      | 1.2        |          |            | 1.2            |
| Metais 21.0%               | Manganese                   |            |          |            |                |
|                            | Platinum                    |            |          |            |                |
|                            | Silver                      | 0.7        | 0.9      |            | 1.6            |
|                            | Tin                         | 1.0        |          |            | 1.0            |
|                            | Uranium                     |            |          |            |                |
|                            | Zinc                        | 1.3        |          |            | 1.3            |
| Grains 8.5%                | Barley                      |            |          |            |                |
|                            | Corn                        | 5.3        |          |            | 5.3            |
|                            | Oats                        |            |          |            |                |
|                            | Rough Rice                  |            |          |            |                |
|                            | Wheat                       | 3.2        |          |            | 3.2            |
| Oilseeds 6.5%              | Palm Oil<br>Canola          |            |          |            |                |
|                            |                             | 5.2        |          |            | 5.2            |
|                            | Soybeans<br>Soybean Meal    | 5.Z<br>0.8 |          |            | 5.2<br>0.8     |
|                            | Soybean Mean                | 0.5        |          |            | 0.8            |
| Softs 7.6%                 | Azuki Beans                 | 0.0        |          |            | 0.0            |
|                            | Cocoa                       | 1.1        |          | 0.5        | 1.6            |
|                            | Coffee                      | 1.9        |          | 0.5        | 2.4            |
|                            | Orange Juice                | 0.3        |          | 0.5        | 0.3            |
|                            | Sugar                       | 2.6        |          | 0.7        | 3.3            |
| Livestock 3.5%             | Live Cattle                 | 2.5        |          | 0.7        | 2.5            |
|                            | Lean Hogs                   | 1.0        |          |            | 1.0            |
|                            | Poultry                     |            |          |            |                |
|                            | Fish                        |            |          |            |                |
| Moderials & Fidners 3,2%   | Cotion                      | 0.0        |          | 24         | 3.2            |
|                            |                             |            |          |            |                |
|                            | Dennturet Ethnici           |            |          |            |                |
|                            | Dembred Ethnol<br>Femilizer |            |          |            |                |
| Cash 9.6%                  | Cash                        |            |          |            | 9.6            |
|                            | TOTAL                       | 81.5       | 2.0      | 6.9        | 100.0          |
|                            | 1.01104                     | 0110       | £.0      | 0.0        | 100.0          |

## Current Asset Allocation 9.6% 40.1% 29.3% 21.0% Energy Metals Agriculture Cash

#### Historical Sector Asset Allocation



Metals Agriculture III Energy Cash





-The objective of the Schroders Commodities strategy is to provide investors with a diversified exposure to the Commodities asset class, through investments in commodity futures and commodity related equities.

-The strategy is a beta or beta-plus product and aims to use active management to exploit the inefficiencies inherent in the asset class.

-Schroders uses an active, long-only approach to commodities management. No leverage is used and all futures positions are fully collateralized through investments in T-bills of less than one year maturity. As a result of this policy, cash and cash collateral are not subject to any duration or credit risk.

-The strategy is benchmark unconstrained meaning investments are made based on in-house analysis and implemented when that analysis indicates an attractive risk/reward opportunity. Commodities are not included as a result of their weighting in an index. The focus of Schroders' fundamental commodity analysis is the determination of supply and demand and supply/demand balances and most importantly, how these balances may change in the future.

-Quantitative, technical and sentiment analyses support the fundamental analysis in terms of the timing and sizing of positions.

-The investment horizon for the strategy is three to 12 months.

-Schroders utilize strict diversification rules. Commodities are reviewed on an ongoing basis. A commodity will not be held unless the fundamental analysis is positive.

-The Schroders universe is comprised of over 60 commodities.

-Most exposures are held through futures positions although equities may be purchased; typically whereby a commodity does not have an associated futures contract.







# Morgan Stanley Prime Property

-The Sponsor, on behalf of the Prime Property Fund, will endeavor to maintain a diversified investment in core U.S. real estate that offers stable, highly predictable cash flow returns. The focus is on high quality office buildings, Class A multifamily communities, warehouse distribution and storage facilities, and top tier super regional malls and shopping centers in targeted primary markets. The Sponsor favors investing in major metropolitan markets and selectively invests in secondary markets that are expected to achieve above-average economic performance. The Sponsor believes that these cities offer better liquidity, more diverse tenant bases and stronger resilience to market cycles.

-The Sponsor maintains a strong research orientation and utilizes research as a risk mitigation tool. Research is used to assist in market selection, product selection and disposition, and portfolio weightings.

-Although the methodologies used to determine strategies have remained constant over time, the investment strategy guidelines developed for PRIME have been modified from time to time over the past five years to reflect changes in market conditions and future market expectations.

-Employment of these strategies have helped PRIME deliver strong relative returns including outperforming the NFI-ODCE benchmark over the trailing 1-year, 3-year, 5-year and 10-year periods

## **Geographic Region Returns**

|         | Second Quarter |              |       |  |  |  |  |  |  |
|---------|----------------|--------------|-------|--|--|--|--|--|--|
| %       | Income         | Appreciation | Total |  |  |  |  |  |  |
| East    | 1.5            | 4.6          | 6.1   |  |  |  |  |  |  |
| Midwest | 1.1            | 4.9          | 6.0   |  |  |  |  |  |  |
| South   | 1.3            | 4.1          | 5.4   |  |  |  |  |  |  |
| West    | 1.3            | 2.5          | 3.9   |  |  |  |  |  |  |

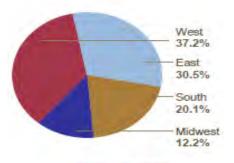
## PROPERTY SECTOR RETURNS<sup>11,20</sup>

|              | Second Quarter |              |       |  |  |  |  |  |  |
|--------------|----------------|--------------|-------|--|--|--|--|--|--|
| %            | Income         | Appreciation | Total |  |  |  |  |  |  |
| Office       | 1.4            | 3.8          | 5.3   |  |  |  |  |  |  |
| Retail       | 1.4            | 6.2          | 7.6   |  |  |  |  |  |  |
| Industrial   | 1.5            | 1.3          | 2.8   |  |  |  |  |  |  |
| Self Storage | 1.4            | 6.3          | 7.7   |  |  |  |  |  |  |
| Apartment    | 1.0            | 3.4          | 4.5   |  |  |  |  |  |  |
| Hotel        | 1.9            | 2.4          | 4.3   |  |  |  |  |  |  |

Source: Morgan Stanley.









June 30, 2013

# **UBS Trumbull**

The UBS Trumbull Property Fund (UBS-TPF) is an actively managed core portfolio of equity real estate. The Fund seeks to provide attractive returns while limiting downside risk. The Fund has both relative and real return objectives. Its relative performance objective is to outperform the NFI-ODCE index over any given three-to five-year period. The Fund's real return performance objective is to achieve at least a 5% real rate of return (i.e., inflation-adjusted return), before advisory fees, over any given three- to five-year period.

Performance for periods ending June 30, 2013 Gross returns (annualized %) 16 12 16 12.64 12 8.92 8 4 1.75 0 3 Years 5 Years 10 Years Since Inception

Past performance is not an indication of future results Inception date January 13, 1978

# 0.9% 20.7% 30.5% 10.0% Pacific 9.8% 12.1% Mountain West North Central East North Central 7.9% 8.1% Southwest Southeast Northeast Mideast

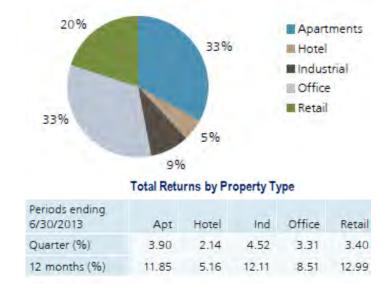
### Source: UBS.



## **Key Statistics**

| Gross asset value        | USD 15.7 bn | Quarterly returns       | (%)    |
|--------------------------|-------------|-------------------------|--------|
| (GAV)                    |             | Income                  | 1.28   |
| Net asset value<br>(NAV) | USD 13.4 bn | Appreciation            | 2.08   |
| Cash as a % of GAV       | 7.1%        | Total (before fees)     | 3.36   |
| Debt as % of GAV         | 13.1%       | Total (after fees)      | 3.10   |
| Number of investments    | 180         | One-year rolling return | ns (%) |
| Number of investors      | 400         | Income                  | 5.20   |
|                          |             | Appreciation            | 4.45   |
| Deposits <sup>2</sup>    | USD 127.4 m | Total (before fees)     | 9.82   |
| Redemptions <sup>2</sup> | USD 497.4 m | Total (after fees)      | 8.71   |

## Portfolio Distribution by Property Type



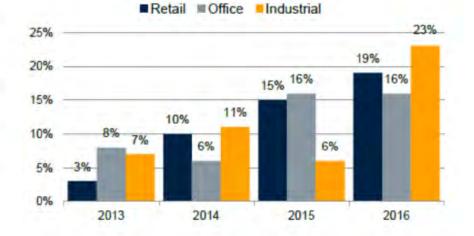
# RREEF America REIT III

RREEF America III is an open-end, value-add fund with the objective of generating returns of 300-500 BPS above a core unlevered real estate portfolio. The fund aims to achieve these returns by upgrading the physical condition, occupancy and operating characteristics of the properties in which it invests. RREEF III will invest across all property types focusing on major metropolitan markets in the United States.

### Investment Summary

### Lease Maturities

| Net Asset Value <sup>1</sup>  | \$779,522,829  |
|-------------------------------|----------------|
| Number of Shares Outstanding  | 16,109,897     |
| Net Asset Value Per Share     | \$48.39        |
| Cash Balance of Fund          | \$291,378,918  |
| Debt <sup>2</sup>             | \$587,156,265  |
| Inception Date <sup>3</sup>   | March 31, 2003 |
| Redemption Shares Outstanding | 5,677,232      |
| Institutional Investors       | 118            |
|                               |                |



## **Property Information**

## Diversification/Occupancy

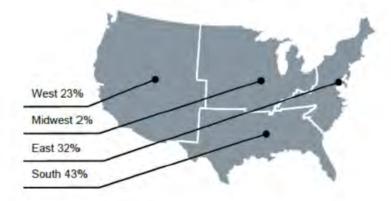
|                            | Real Estate<br>Investments | Gross Real<br>Estate Value<br>(millions) | Percent of<br>Value | Quarter-end<br>Occupancy |
|----------------------------|----------------------------|--|---------------------|--------------------------|
| Retail                     | 4                          | \$153.3                                  | 12%                 | 92%                      |
| Residential                | 2                          | 164.6                                    | 13%                 | 98%                      |
| Office                     | 28                         | 628.8                                    | 50%                 | 82%                      |
| Industrial                 | 19                         | 150.6                                    | 12%                 | 78%                      |
| Development/<br>Land/Other | 7                          | 159.4                                    | 13%                 | N/A                      |
| Total                      | 60                         | \$1,256.7                                | 100%                | 84%                      |

Note: Property diversification by type and geographic location based on gross real estate value and primary use of assets.

Source: RREEF. All graphics as of 3/31/2013.



### **Geographic Location**







## Grosvenor Institutional Partners, LP

Grosvenor Capital Management, LP

HFRI Fund of Funds Composite Index Benchmark 1 (BM1): Benchmark 2 (BM2):

| Benchma  | rk 2 (BM2           | 2):                  | S&P 500    | (TR)    |                                     |           |          |                 |                                |                          |                                     |                      |        |                            |        |        |        |
|--|---------------------|----------------------|------------|---------|-------------------------------------|-----------|----------|-----------------|--------------------------------|--------------------------|-------------------------------------|----------------------|--------|----------------------------|--------|--------|--------|
|  |                     |                      |            | M       | Ionthly P                           | erforman  | ce (%) N | let of Fe       | es                             |                          |                                     |                      |        | Statistical Analysis       | Fund   | BM1    | BM2    |
| Year   | Jan                 | Feb                  | Mar        | Apr     | May                                 | Jun       | Jul      | Aug             | Sep                            | Oct                      | Nov                                 | Dec                  | Year   | Returns                    |        |        |        |
| 2013   | 2.6%                | 0.6%                 | 1.4%       | 0.8%    | 1.7%                                | -0.6%     |          |                 |                                |                          |                                     |                      | 6.7%   | Annualized Compound ROR    | 5.7%   | 3.5%   | 2.6%   |
| 2012   | 1.6%                | 1.8%                 | 0.9%       | -0.1%   | -1.4%                               | 0.4%      | 0.8%     | 1.2%            | 0.8%                           | 0.5%                     | 0.7%                                | 1.2%                 | 8.6%   | 3 Yr Return                | 5.8%   | 3.0%   | 18.5%  |
| 2011   | 0.9%                | 1.0%                 | 0.0%       | 0.9%    | -0.1%                               | -1.1%     | -0.2%    | -2.8%           | -2.7%                          | 1.7%                     | -0.7%                               | -0.6%                | -3.7%  | 5 Yr Return                | 1.8%   | -0.6%  | 7.0%   |
| 2010   | 0.7%                | 0.3%                 | 1.6%       | 0.8%    | -1.8%                               | -0.9%     | 0.7%     | 0.2%            | 1.7%                           | 1.2%                     | 0.5%                                | 1.5%                 | 6.5%   | Best Month                 | 2.7%   | 5.2%   | 10.9%  |
| 2009   | 1.2%                | 0.0%                 | -0.6%      | 0.1%    | 2.7%                                | 0.9%      | 2.2%     | 1.8%            | 2.3%                           | 0.7%                     | 1.0%                                | 1.0%                 | 13.9%  | Worst Month                | -6.9%  | -6.5%  | -16.8% |
| 2008   | -2.4%               | 1.3%                 | -1.8%      | 0.2%    | 1.5%                                | -0.7%     | -2.0%    | -1.3%           | -6.9%                          | -5.3%                    | -3.2%                               | -2.3%                | -20.9% | % Positive Months          | 77.8%  | 64.2%  | 60.5%  |
| 2007   | 1.7%                | 0.8%                 | 1.4%       | 1.4%    | 2.3%                                | 0.4%      | 0.8%     | -2.1%           | 1.2%                           | 2.7%                     | -0.6%                               | 0.5%                 | 10.7%  | Risk                       |        |        |        |
| 2006   | 1.9%                | 0.4%                 | 1.5%       | 1.1%    | -0.9%                               | -0.6%     | 0.0%     | 0.8%            | 0.5%                           | 1.3%                     | 1.7%                                | 1.4%                 | 9.4%   | Standard Deviation         | 4.5%   | 5.4%   | 15.8%  |
| 2005   | 0.2%                | 1.2%                 | -0.3%      | -1.0%   | 0.4%                                | 1.2%      | 1.3%     | 0.9%            | 1.0%                           | -1.2%                    | 1.3%                                | 1.6%                 | 6.8%   | 3 Yr Standard Deviation    | 4.1%   | 4.3%   | 13.6%  |
| 2004   | 1.5%                | 0.8%                 | 0.4%       | 0.2%    | -0.6%                               | 0.1%      | -0.5%    | 0.3%            | 0.8%                           | 0.6%                     | 1.8%                                | 1.5%                 | 6.9%   | 5 Yr Standard Deviation    | 6.1%   | 6.2%   | 18.4%  |
|  |                     |                      |            |         |                                     |           |          |                 |                                |                          |                                     |                      |        | Sharpe Ratio (3.5%)        | 0.5    | 0.0    | 0.0    |
|  |                     |                      |            |         |                                     |           |          |                 |                                |                          |                                     |                      |        | Sortino Ratio (7.0%)       | -0.3   | -0.7   | -0.3   |
| Outper   | rform BM            | l in Up N            | larkets    | Outperf | form BM i                           | n Down M  | larkets  |                 | Di                             | istributio               | on of Ret                           | urns                 |        | Downside Deviation (7.0%)  | 4.0%   | 4.7%   | 12.3%  |
| 100% -   |                     |                      |            | 100% -  |                                     |           |          | <sup>70</sup> T |                                |                          |                                     |                      |        | Max Drawdown               | -21.0% | -22.2% | -50.9% |
| 90%  |                     |                      |            | 0004    |                                     |           |          |                 |                                |                          |                                     |                      |        | Months In Maximum Drawdown | 14     | 14     | 16     |
| 90%  |                     |                      |            | 90%     |                                     |           |          | 60 -            |                                |                          |                                     |                      |        | Months To Recover          | 48     |        | 37     |
| 80%  |                     |                      |            | 80%     |                                     |           | - HI     | 50              |                                |                          |                                     |                      |        | Comparison To Benchmark(s) |        |        |        |
| 70%  |                     |                      |            | 70%     |                                     |           |          | 50 -            |                                |                          |                                     |                      |        | Monthly Alpha              |        | 0.3%   | 0.4%   |
| 60%  |                     |                      |            | 60%     |                                     |           |          | spoji 40        |                                |                          |                                     |                      |        | Annualized Alpha           |        | 3.1%   | 5.2%   |
|  |                     |                      |            |         |                                     |           |          | ly Pe           |                                |                          |                                     |                      |        | Beta                       |        | 0.7    | 0.1    |
| 50%  |                     |                      |            | 50%     |                                     |           |          | 30 -            |                                |                          |                                     |                      |        | Correlation                |        | 0.9    | 0.5    |
| 40% -  |                     |                      |            | 40%     |                                     |           |          | -               |                                |                          |                                     |                      |        | R-Squared                  |        | 73.0%  | 24.7%  |
| 30%  |                     |                      |            | 30%     |                                     |           |          | 20 -            |                                |                          |                                     |                      |        | Annual Returns             |        |        |        |
| 20%  |                     |                      |            |         |                                     |           |          | 10 -            |                                |                          |                                     |                      |        | 2013-(YTD)                 | 6.7%   | 3.5%   | 13.8%  |
|  |                     |                      |            | 20%     |                                     |           |          |                 |                                |                          |                                     |                      |        | 2012                       | 8.6%   | 4.8%   | 16.0%  |
| 10%  |                     |                      |            | 10%     |                                     |           |          | 0 <del> </del>  | ° ° ó                          | ן <b>ש,ם, ם,</b><br>י⊂_+ |                                     | 4 0 60               | 10     | 2011                       | -3.7%  | -5.7%  | 2.1%   |
| 0%   | -<br>RI Fund of Fur |                      | 2 500 (TR) | 0%      |                                     |           |          | 6               | < -10%<br>-9 to -8<br>-7 to -6 | to to                    | to to                               | 3 to<br>5 to<br>7 to | t o 1  | 2010                       | 6.5%   | 5.7%   | 15.1%  |
|  | Composite Inde      |                      | - 500 (TR) |         | FRI Fund of Fund<br>Composite Index |           | 00 (TR)  |                 | V 1 1                          |                          | D                                   |                      | 0.     | 2009                       | 13.9%  | 11.5%  | 26.5%  |
|  |                     |                      |            |         |                                     |           |          | 1               |                                | RetL                     | urn Range (%)                       |                      |        | 2008                       | -20.9% | -21.4% | -37.0% |
| Risk/  | Return P            | rofile               |            |         |                                     |           |          | Underw          | ater Dra                       | wdowns                   |                                     |                      |        | Latest Returns             |        |        |        |
| 6%   |                     |                      |            |         |                                     |           |          |                 |                                |                          |                                     |                      |        | Last Month                 | -0.6%  | -1.3%  | -1.3%  |
| 070  |                     |                      |            |         |                                     |           | 0%       | NV V            |                                |                          | M <sub>1</sub>                      |                      |        | Last 3 Months              | 1.9%   | 0.1%   | 2.9%   |
|  | _                   |                      |            |         |                                     |           | - IV)    |                 | •                              | · •                      | Т <mark>М</mark>                    |                      |        | Last Year                  | 12.4%  | 7.4%   | 20.6%  |
| 5%   |                     |                      |            | Grosve  | enor Institutional Pa               | tners, LP | -5% -    |                 |                                |                          |                                     |                      |        | 2-Year                     | 4.9%   | 1.3%   | 12.8%  |
| c .  |                     |                      |            |         |                                     |           |          |                 |                                |                          |                                     |                      |        | 3-Year                     | 5.8%   | 3.0%   | 18.5%  |
| Return<br>%5   |                     |                      |            |         |                                     | Ę         | -10% -   |                 |                                |                          |                                     |                      |        | 4-Year                     | 6.8%   | 3.4%   | 17.4%  |
| ized F   |                     |                      |            |         |                                     | иморм     |          |                 |                                |                          |                                     |                      |        | 5-Year                     | 1.8%   | -0.6%  | 7.0%   |
| a contraction of the second se | T                   |                      |            | Index   | und of Funds Comp                   | osite e   | -15% -   |                 |                                |                          |                                     |                      |        | Drawdown Analysis          |        |        |        |
| WI 3%  |                     |                      |            |         |                                     |           |          |                 |                                |                          |                                     |                      |        | 1                          | -21.0% | -22.2% | -50.9% |
|  |                     |                      |            | •       |                                     |           | -20% -   |                 |                                |                          |                                     |                      |        | 2                          | -2.4%  | -4.9%  | -44.7% |
| 2%   |                     |                      |            | ◆S&P 50 | 00 (TR)                             |           |          |                 |                                |                          | Ŵ                                   |                      |        | 3                          | -2.1%  | -2.7%  | -6.8%  |
|  |                     |                      |            |         |                                     |           | -25%     |                 |                                |                          |                                     |                      |        | 4                          | -1.5%  | -2.5%  | -6.6%  |
| 1%   |                     |                      |            |         |                                     |           |          | 2001 2002       | 2003 2004                      | 2005 2006 2              | 2007 2008 20                        | 009 2010 201         | 1 2012 | 5                          | -1.2%  | -2.2%  | -5.0%  |
|  |                     | 9% 11<br>Standard De | % 13% 15%  | % 17%   |                                     |           |          |                 | tutional D                     | 1.0                      |                                     |                      |        |                            |        |        |        |
|  | Annualized          | , stanuaru De        | viction    |         |                                     |           |          | Grosvenor Insti | radional Parthers,             | LT                       | <ul> <li>HFRI Fund of Fu</li> </ul> | nus composite inc    | CA     |                            |        |        |        |

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\*\*\*Past Performance is not indicative of future results. Ratios are calculated based on a risk-free rate of 3.5% Actual ratios may vary depending on the actual risk-free rate and life of the fund\*\*\*

-Generating consistent returns with low volatility and avoiding capital losses and headline risk, is the overall investment philosophy duly embedded in the business ethos of the firm. In enacting this philosophy, Grosvenor consciously pursues proven fundamentally driven strategies that are relatively liquid and have historically maintained a low correlation to traditional markets. However, Grosvenor avoids Macro/CTAs and some leveraged strategies. Low correlation and low volatility would necessarily imply a low equity beta (currently 0.2) Returns are targeted at T bills +5-10% with volatility in 6-7% range. It fears posting mediocre returns of 2-3% suggesting that Grosvenor values top line performance as much as managing volatility.

-Broadly speaking, the GIP portfolio can be visualized as 45% Long/Short equity, 40% fixed income and 15% opportunistic. Currently, the strategy allocation stands as: Equity Hedge 44%, Long/Short credit (incl. structured credit and distressed) 32%, Relative Value/Arbitrage 7%, Risk Arbitrage & Diversified Event 6%, Macro-oriented/vol. arbitrage and tail risk strategies 3%, Cash 8%.

-Grosvenor follows a conventional portfolio construction process which begins by setting investment objectives -returns, volatility and correlation estimatesand strategy constraints and manager limits. Concurrently, the investment committee outlines its broad investment themes in the context of a bigger opportunity set.



# Permal Fixed Income Holdings N.V.

Permal Group Ltd.

HFRI Fund of Funds Composite Index Benchmark 1 (BM1):

| Benchma     | irk 2 (BM2      | 2):                     | S&P 500            | (TR)    |                                     |           |               |                 |                       |                       |                   |                      |            |                            |        |        |        |
|-------------|-----------------|-------------------------|--------------------|---------|-------------------------------------|-----------|---------------|-----------------|-----------------------|-----------------------|-------------------|----------------------|------------|----------------------------|--------|--------|--------|
|             |                 |                         |                    | ľ       | Ionthly P                           | erforman  | ce (%)        | Net of Fe       | es                    |                       |                   |                      |            | Statistical Analysis       | Fund   | BM1    | BM2    |
| Year        | Jan             | Feb                     | Mar                | Apr     | May                                 | Jun       | Jul           | Aug             | Sep                   | Oct                   | Nov               | Dec                  | Year       | Returns                    |        |        |        |
| 2013        | 2.6%            | 0.4%                    | 1.7%               | 1.2%    | 1.6%                                | -2.0%     |               |                 |                       |                       |                   |                      | 5.6%       | Annualized Compound ROR    | 7.3%   | 5.0%   | 6.7%   |
| 2012        | 2.3%            | 2.0%                    | 0.1%               | -0.2%   | -1.1%                               | 0.1%      | 1.2%          | 0.9%            | 1.5%                  | 0.8%                  | 0.2%              | 1.8%                 | 10.2%      | 3 Yr Return                | 6.2%   | 3.0%   | 18.5%  |
| 2011        | 1.4%            | 1.3%                    | 0.1%               | 1.2%    | -0.2%                               | -1.4%     | 0.3%          | -3.0%           | -4.0%                 | 1.9%                  | -0.9%             | -1.0%                | -4.5%      | 5 Yr Return                | 5.6%   | -0.6%  | 7.0%   |
| 2010        | 1.2%            | 0.7%                    | 2.4%               | 2.1%    | -2.3%                               | -0.7%     | 1.0%          | 0.4%            | 1.9%                  | 2.1%                  | 0.1%              | 2.2%                 | 11.5%      | Best Month                 | 5.9%   | 6.9%   | 10.9%  |
| 2009        | 1.1%            | -0.8%                   | 0.5%               | 2.8%    | 5.5%                                | 2.9%      | 3.3%          | 2.9%            | 2.9%                  | 1.2%                  | 1.4%              | 2.0%                 | 28.6%      | Worst Month                | -27.9% | -7.5%  | -16.8% |
| 2008        | -0.7%           | 0.2%                    | -1.0%              | 0.5%    | 0.8%                                | 0.3%      | -1.8%         | -1.1%           | -4.0%                 | -7.4%                 | -2.8%             | -2.0%                | -17.5%     | % Positive Months          | 73.2%  | 64.1%  | 62.1%  |
| 2007        | 1.5%            | 1.4%                    | 0.6%               | 1.5%    | 0.9%                                | 0.4%      | 0.7%          | -1.8%           | 1.8%                  | 2.2%                  | 0.1%              | 0.0%                 | 9.6%       | Risk                       |        |        |        |
| 2006        | 2.3%            | 0.6%                    | 1.0%               | 1.9%    | -0.8%                               | -0.2%     | 0.7%          | 0.7%            | 0.3%                  | 1.5%                  | 1.4%              | 1.6%                 | 11.6%      | Standard Deviation         | 9.5%   | 6.1%   | 16.1%  |
| 2005        | -0.2%           | 1.4%                    | -0.6%              | -0.4%   | 0.4%                                | 1.7%      | 1.4%          | 1.3%            | 1.4%                  | -1.0%                 | 1.7%              | 1.5%                 | 8.8%       | 3 Yr Standard Deviation    | 5.2%   | 4.3%   | 13.6%  |
| 2004        | 1.3%            | 0.8%                    | 0.9%               | -1.4%   | -0.7%                               | 1.0%      | 0.2%          | 1.2%            | 1.4%                  | 1.5%                  | 2.5%              | 1.5%                 | 10.6%      | 5 Yr Standard Deviation    | 7.3%   | 6.2%   | 18.4%  |
|             |                 |                         |                    |         |                                     |           |               |                 |                       |                       |                   |                      |            | Sharpe Ratio (3.5%)        | 0.4    | 0.3    | 0.3    |
|             |                 |                         |                    |         |                                     |           |               |                 |                       |                       |                   |                      |            | Sortino Ratio (7.0%)       | 0.0    | -0.4   | 0.0    |
| Outpe       | rform BM        | l in Up №               | larkets            | Outper  | form BM i                           | n Down M  | larkets       |                 | Di                    | istributio            | on of Ret         | urns                 |            | Downside Deviation (7.0%)  | 8.4%   | 4.9%   | 12.1%  |
| 100% 1      |                 |                         |                    | 100%    |                                     |           |               | <sup>70</sup> T |                       |                       |                   |                      |            | Max Drawdown               | -36.8% | -22.2% | -50.9% |
| 90%         |                 |                         |                    | 90%     |                                     |           |               |                 |                       |                       |                   |                      |            | Months In Maximum Drawdown | 5      | 14     | 16     |
| 90.70       |                 |                         |                    | 90 %    |                                     |           |               | 60 -            |                       |                       |                   |                      |            | Months To Recover          | 33     |        | 37     |
| 80% -       |                 |                         |                    | 80%     |                                     |           |               | 50 -            |                       |                       |                   |                      |            | Comparison To Benchmark(s) |        |        |        |
| 70%         |                 |                         |                    | 70%     |                                     |           | H             | 50 -            |                       |                       |                   |                      |            | Monthly Alpha              |        | 0.1%   | 0.4%   |
| 60%         |                 |                         |                    | 60%     |                                     |           |               | spoj. 40 -      |                       |                       |                   |                      |            | Annualized Alpha           |        | 1.8%   | 5.5%   |
| 500/        |                 |                         |                    |         |                                     |           |               | Ily Pe          |                       |                       |                   |                      |            | Beta                       |        | 1.1    | 0.3    |
| 50%         |                 |                         |                    | 50%     |                                     |           |               | 400 go -        |                       |                       |                   |                      |            | Correlation                |        | 0.7    | 0.5    |
| 40%         |                 |                         |                    | 40%     |                                     |           | н             | -               |                       |                       |                   |                      |            | R-Squared                  |        | 54.7%  | 23.2%  |
| 30%         |                 |                         |                    | 30% -   |                                     |           |               | 20 -            |                       | -                     |                   |                      |            | Annual Returns             |        |        |        |
| 20%         |                 |                         |                    | 2004    |                                     |           |               | 10 -            |                       |                       |                   | _                    |            | 2013-(YTD)                 | 5.6%   | 3.5%   | 13.8%  |
|             |                 |                         |                    | 20%     |                                     |           |               |                 |                       |                       |                   |                      |            | 2012                       | 10.2%  | 4.8%   | 16.0%  |
| 10%         |                 |                         |                    | 10% -   |                                     | _         | H             | o<br>▲          | ہ ہو<br><mark></mark> | , <b>10, 0, 1</b> , 1 |                   | 4 φ α                |            | 2011                       | -4.5%  | -5.7%  | 2.1%   |
| 0% <b> </b> | FRI Fund of Fur | ads S&E                 | 2 500 (TR)         | 0%      |                                     |           |               | 5               | - 10                  |                       | -1 to             | 3 to<br>5 to<br>7 to |            | 2010                       | 11.5%  | 5.7%   | 15.1%  |
|             | Composite Inde  |                         | 500 (TR)           |         | FRI Fund of Fund<br>Composite Index |           | 00 (TR)       |                 | / 1 1                 |                       | Dense (0()        |                      | 0.         | 2009                       | 28.6%  | 11.5%  | 26.5%  |
|             |                 |                         | _                  |         | ,                                   |           |               | _               |                       | Rell                  | urn Range (%)     |                      |            | 2008                       | -17.5% | -21.4% | -37.0% |
| Risk/       | Return P        | rofile                  |                    |         |                                     |           |               | Underw          | ater Dra              | wdowns                |                   |                      |            | Latest Returns             |        |        |        |
| 8%          |                 |                         |                    |         |                                     |           | 00/           |                 |                       |                       |                   |                      |            | Last Month                 | -2.0%  | -1.3%  | -1.3%  |
| 070         |                 |                         |                    |         |                                     |           | <sup>0%</sup> |                 | NV V                  |                       |                   |                      |            | Last 3 Months              | 0.8%   | 0.1%   | 2.9%   |
|             |                 |                         |                    |         |                                     |           | -5% -         |                 |                       |                       | শ                 |                      |            | Last Year                  | 12.5%  | 7.4%   | 20.6%  |
| 7%          |                 |                         |                    | Perma   | I Fixed Income Hold                 | ings N.V. | -10% -        |                 |                       |                       |                   |                      | Y, J       | 2-Year                     | 4.2%   | 1.3%   | 12.8%  |
| ⊂           |                 |                         |                    |         |                                     |           | 150/          | V               |                       |                       |                   | $\mathcal{N}$        | <b>V</b> V | 3-Year                     | 6.2%   | 3.0%   | 18.5%  |
| %9 Retur    |                 |                         |                    |         |                                     | Ę         | -15% -        |                 |                       |                       |                   |                      |            | 4-Year                     | 9.1%   | 3.4%   | 17.4%  |
| ized        |                 |                         |                    |         | Fund of Funds Comp                  |           | -20% -        |                 |                       |                       |                   | V                    |            | 5-Year                     | 5.6%   | -0.6%  | 7.0%   |
| Annual 2%   |                 |                         |                    | Index   |                                     |           | -25% -        |                 |                       |                       |                   | •-                   |            | Drawdown Analysis          |        |        |        |
| ₹ 570       |                 |                         |                    |         |                                     |           | 2007          |                 |                       |                       |                   |                      |            | 1                          | -36.8% | -22.2% | -50.9% |
|             |                 |                         |                    |         |                                     |           | -30% -        |                 |                       |                       |                   |                      |            | 2                          | -17.7% | -13.1% | -44.7% |
| 4%          |                 |                         |                    | • S&P 5 | 00 (TR)                             |           | -35% -        |                 |                       |                       |                   |                      |            | 3                          | -8.2%  | -4.9%  | -15.4% |
|             |                 |                         |                    |         |                                     |           | -40%          |                 |                       |                       |                   |                      |            | 4                          | -3.0%  | -2.7%  | -6.8%  |
| 3%          |                 |                         |                    |         |                                     |           | 1997          | 1998 1999 200   | 0 2001 2002 20        | 003 2004 2005         | 2006 2007 200     | 08 2009 2010 2       | 011 2012   | 5                          | -2.5%  | -2.5%  | -6.6%  |
| 5%          |                 | 9% 11%<br>d Standard De | 13% 15%<br>viation | 17%     |                                     |           | _             | Permal Fixed In | come Holdinas N.      | V                     | - HFRI Fund of Fu | nds Composite. Inc   | lex        |                            |        |        |        |
|             |                 |                         |                    |         |                                     |           |               |                 |                       |                       | 240               |                      |            |                            |        |        |        |

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\*\*\*Past Performance is not indicative of future results. Ratios are calculated based on a risk-free rate of 3.5% Actual ratios may vary depending on the actual risk-free rate and life of the fund\*\*\*

# Permal Fixed Income Holdings

-PFIH is a global, multi-manager, multi-strategy diversified fixed income portfolio. Assets are invested in both credit (57%) and non-credit (41%) spread related strategies. Strategies in the credit spread portion are Developed Markets Fixed Income, Emerging Markets Fixed Income, and Hedged Fixed Income (managers that employ short positions). Strategies in the non-credit portion are Relative Value Arbitrage, Event-Driven, and Global Macro.

-The objective of PFIH is to deliver returns of 8-12% returns with 5-7% volatility. The fund typically invests with about 55-65 managers. Turnover is about 15%/year. This is lower (about 10%) within the group of established managers, and higher (30-35%) among new managers. Three of Permal's overriding philosophies are start small, diversify, and focus time and effort on existing positions.



## GAM U.S. Institutional Diversity

GAM London Limited

HFRI Fund of Funds Composite Index Benchmark 1 (BM1):

| chichina | rk 2 (BM2                        | <u> </u>  | S&P 500  |         |                      |              |         |                 |                        |               |                |                            |          |                            |        |        |        |
|----------|----------------------------------|-----------|----------|---------|----------------------|--------------|---------|-----------------|------------------------|---------------|----------------|----------------------------|----------|----------------------------|--------|--------|--------|
|          |                                  |           |          |         | fonthly P            |              |         | Net of Fe       |                        |               |                |                            |          | Statistical Analysis       | Fund   | BM1    | BM2    |
| Year     | Jan                              | Feb       | Mar      | Apr     | Мау                  | Jun          | Jul     | Aug             | Sep                    | Oct           | Nov            | Dec                        | Year     | Returns                    |        |        |        |
| 2013     | 2.8%                             | 0.3%      | 0.6%     | 2.0%    | 2.1%                 | -1.0%        |         |                 |                        |               |                |                            | 6.9%     | Annualized Compound ROR    | 7.7%   | 5.2%   | 7.2%   |
| 2012     | 1.9%                             | 1.6%      | 0.2%     | -0.7%   | -1.0%                | -0.2%        | 1.3%    | 0.5%            | 0.8%                   | 0.4%          | 0.3%           | 1.2%                       | 6.6%     | 3 Yr Return                | 4.2%   | 3.0%   | 18.5%  |
| 2011     | -0.1%                            | 0.9%      | 0.1%     | 0.8%    | -0.9%                | -1.0%        | 0.4%    | -2.4%           | -2.0%                  | 0.7%          | -0.4%          | -0.1%                      | -4.0%    | 5 Yr Return                | -0.2%  | -0.6%  | 7.0%   |
| 2010     | -0.6%                            | 0.4%      | 0.8%     | -0.1%   | -2.5%                | -3.3%        | 0.1%    | -0.2%           | 1.2%                   | 1.1%          | 0.1%           | 1.0%                       | -2.1%    | Best Month                 | 10.2%  | 6.9%   | 10.9%  |
| 2009     | 0.8%                             | 0.1%      | -0.1%    | -0.4%   | 1.1%                 | -0.2%        | 0.9%    | 1.1%            | 1.3%                   | -0.3%         | 1.1%           | -0.1%                      | 5.4%     | Worst Month                | -7.9%  | -7.5%  | -16.8% |
| 2008     | -2.1%                            | 1.0%      | -2.2%    | -0.1%   | 0.9%                 | -0.4%        | -1.8%   | -1.2%           | -4.7%                  | -2.5%         | -2.1%          | -0.9%                      | -15.0%   | % Positive Months          | 68.1%  | 64.7%  | 62.3%  |
| 2007     | 0.1%                             | 2.6%      | -0.6%    | 2.2%    | 1.3%                 | 1.1%         | -0.7%   | -3.0%           | 2.4%                   | 2.6%          | -1.8%          | 0.2%                       | 6.4%     | Risk                       |        |        |        |
| 2006     | 3.8%                             | 1.3%      | 1.3%     | 3.5%    | -2.7%                | -1.9%        | 1.2%    | 0.5%            | 0.6%                   | 2.4%          | 1.6%           | 3.1%                       | 15.3%    | Standard Deviation         | 7.3%   | 6.1%   | 16.1%  |
| 2005     | -0.4%                            | 1.4%      | -0.8%    | -0.9%   | -0.6%                | 1.4%         | 1.4%    | 1.0%            | 1.8%                   | -1.4%         | 2.9%           | 2.9%                       | 9.1%     | 3 Yr Standard Deviation    | 3.8%   | 4.3%   | 13.6%  |
| 2004     | 2.0%                             | 0.6%      | 0.2%     | 0.1%    | -2.0%                | -0.1%        | -1.2%   | -0.4%           | 1.0%                   | 0.6%          | 2.7%           | 1.4%                       | 4.8%     | 5 Yr Standard Deviation    | 4.7%   | 6.2%   | 18.49  |
|          |                                  |           |          |         |                      |              |         |                 |                        |               |                |                            |          | Sharpe Ratio (3.5%)        | 0.6    | 0.3    | 0.3    |
|          |                                  |           |          |         |                      |              |         |                 |                        |               |                |                            |          | Sortino Ratio (7.0%)       | 0.1    | -0.4   | 0.0    |
| Dutper   | form BM                          | l in Up M | larkets  | Outperf | form BM i            | n Down M     | larkets |                 | Di                     | istributio    | on of Ret      | urns                       |          | Downside Deviation (7.0%)  | 4.7%   | 4.8%   | 12.09  |
| 0%       |                                  |           |          | 100% -  |                      |              |         | <sup>70</sup> T |                        |               |                |                            |          | Max Drawdown               | -17.3% | -22.2% | -50.99 |
| 90%      |                                  |           |          | 000/    |                      |              |         |                 |                        |               | _              |                            |          | Months In Maximum Drawdown | 47     | 14     | 16     |
| /0 //    |                                  |           |          | 90% -   |                      |              |         | 60 -            |                        |               |                |                            |          | Months To Recover          |        |        | 37     |
| 80%      |                                  |           |          | 80% -   |                      |              |         | 50              |                        |               |                |                            |          | Comparison To Benchmark(s) |        |        |        |
| '0%      |                                  |           |          | 70%     |                      |              |         | 50 -            |                        |               |                |                            |          | Monthly Alpha              |        | 0.2%   | 0.5%   |
| 0%       |                                  |           |          | (00)    |                      |              |         | spo:40          |                        |               |                |                            |          | Annualized Alpha           |        | 2.3%   | 6.2%   |
|          |                                  | -         |          | 60%     |                      |              |         | y Per           |                        |               |                |                            |          | Beta                       |        | 1.0    | 0.2    |
| 50%      |                                  |           |          | 50%     |                      |              |         | Julia 30 -      |                        |               | ╶┨╫╫┠─         |                            |          | Correlation                |        | 0.9    | 0.4    |
| 40%      |                                  |           |          | 40%     |                      |              |         | 2               |                        |               |                |                            |          | R-Squared                  |        | 75.6%  | 18.59  |
| 30%      |                                  |           |          | 30%     |                      |              |         | 20 -            |                        |               |                |                            |          | Annual Returns             |        |        |        |
|          |                                  |           |          | 30%     |                      |              |         | 10              |                        |               | <b>JUUU</b> I  |                            |          | 2013-(YTD)                 | 6.9%   | 3.5%   | 13.89  |
| 20%      |                                  |           |          | 20%     |                      | _            |         | 10              |                        |               |                |                            |          | 2012                       | 6.6%   | 4.8%   | 16.09  |
| 10%      |                                  |           |          | 10%     |                      |              | - H.    | 0               |                        | مهمهال        |                |                            |          | 2011                       | -4.0%  | -5.7%  | 2.1%   |
| 0%       |                                  |           |          | 0%      |                      |              |         | 1<br>00         | -10%<br>to -8<br>to -6 |               |                | 3 to 4<br>5 to 6<br>7 to 8 | to 10    | 2010                       | -2.1%  | 5.7%   | 15.19  |
|          | RI Fund of Fur<br>Composite Inde |           | 500 (TR) | HF      | FRI Fund of Fund     |              | 00 (TR) |                 | v 6, 1-                | μ<br>Υ        | <u>, ,</u>     | () L) I<                   | 6        | 2009                       | 5.4%   | 11.5%  | 26.59  |
|          |                                  |           |          | (       | Composite Index      |              |         |                 |                        | Retu          | urn Range (%)  |                            |          | 2008                       | -15.0% | -21.4% | -37.0  |
| Risk/    | Return P                         | rofile    |          |         |                      |              |         | Underw          | ater Dra               | wdowns        |                | 8                          |          | Latest Returns             |        |        |        |
|          |                                  |           |          |         |                      |              |         |                 |                        |               |                |                            |          | Last Month                 | -1.0%  | -1.3%  | -1.39  |
| 8%       |                                  |           |          |         |                      |              | 0%      |                 |                        |               |                |                            |          | Last 3 Months              | 3.1%   | 0.1%   | 2.9%   |
|          |                                  |           |          |         |                      |              |         |                 |                        | <b></b>       | · 🗸 📊          |                            |          | Last Year                  | 11.9%  | 7.4%   | 20.69  |
|          |                                  |           |          | GAM     | U.S. Institutional E | Diversity    | -5% -   |                 |                        | •             | · ' ' 🍸        |                            | <u> </u> | 2-Year                     | 4.7%   | 1.3%   | 12.89  |
| 7%       |                                  |           |          |         | 0.5. Institutional E | Jiversity    |         |                 |                        |               |                |                            |          | 3-Year                     | 4.2%   | 3.0%   | 18.59  |
| 5        |                                  |           |          |         |                      |              | -10% -  |                 |                        |               |                |                            |          | 4-Year                     | 2.8%   | 3.4%   | 17.49  |
| 3        |                                  |           |          |         |                      | nwob         | 1070    | V               |                        |               |                |                            |          | 5-Year                     | -0.2%  | -0.6%  | 7.0%   |
| 6%       |                                  |           |          |         | Fund of Funds Co     | mposite Date |         |                 |                        |               |                |                            |          | Drawdown Analysis          | -0.276 | -0.0%  | 7.07   |
|          |                                  |           |          | Index   | x                    |              | -15% -  |                 |                        |               |                |                            |          |                            | 17.00/ | 22.29/ | 50.0   |
|          |                                  |           |          |         |                      |              |         |                 |                        |               |                | 17                         | -        |                            | -17.3% | -22.2% | -50.9  |
| 5%       | <b>1</b>                         |           |          |         | 500 (TD)             |              | -20% -  |                 |                        |               |                | V                          |          | 2                          | -11.8% | -13.1% | -44.7  |
|          |                                  |           |          | ◆ S&P 5 | 500 (TR)             |              |         |                 |                        |               |                | •                          |          | 3                          | -5.2%  | -4.9%  | -15.4  |
|          |                                  |           |          |         |                      |              | -25%    |                 |                        |               |                |                            |          | 4                          | -4.9%  | -2.7%  | -6.8%  |
|          |                                  |           |          |         |                      |              |         |                 |                        |               |                |                            |          |                            |        |        |        |
| 4%       | 70/                              | 201       | 13% 15%  | 1701    |                      |              |         | 97 1998 1999 20 | 000 2001 2002          | 2003 2004 200 | 5 2006 2007 20 | 08 2009 2010 2             | 011 2012 | 5                          | -4.6%  | -2.5%  | -6.69  |

242 \*\*\*Past Performance is not indicative of future results. Ratios are calculated based on a risk-free rate of 3.5% Actual ratios may vary depending on the actual risk-free rate and life of the fund\*\*\*

-The GAM Diversity strategy aims seeks to achieve absolute returns with diversification of risk and low correlation to traditional asset classes such as equities and bonds. GAM strategy targets net returns of 9-13% net per annum with 5-7% volatility and 0.2-0.6 correlation to the S&P 500 and 0.0-0.2 correlation to the Barclays Capital US Aggregate Bond Index.

-The GAM portfolio construction process combines the structural discipline of clear return and risk targets with the bottom-up assessment of opportunity and risk across markets and strategies within a unified portfolio construction framework. GAM would not deviate from the portfolio construction process unless GAM felt the returns and risk characteristics being generated were not meeting GAM's expectations. If this were to happen GAM would take steps to reevaluate the process and make adjustments.

-Asset allocation for GAM Multi-Manager's portfolios allows each investment manager to draw on the synthesized views of the specialist investment teams and apply them to his or her own portfolios as appropriate. The views of the specialist investment teams are formed and captured on a quarterly basis, when all senior Multi-Manager investment managers gather for the three-day Quarterly Investment Meeting (QIM). The purpose of the QIM is to review formally the prior quarter's investment results, assess opportunities and consider changes to strategic and tactical views.



# Glossary of Investment Terminology

**# Of Portfolios/Observations**<sup>1</sup> – The total number of data points that make up a specified universe

**Allocation Index<sup>3</sup>** - The allocation index measures the value added (or subtracted) to each portfolio by active management. It is calculated monthly: The portfolio asset allocation to each category from the prior month-end is multiplied by a specified market index.

Asset Allocation Effect<sup>2</sup> - Measures an investment manager's ability to effectively allocate their portfolio's assets to various sectors. The allocation effect determines whether the overweighting or underweighting of sectors relative to a benchmark contributes positively or negatively to the overall portfolio return. Positive allocation occurs when the portfolio is over weighted in a sector that outperforms the benchmark and underweighted in a sector that underperforms the benchmark. Negative allocation occurs when the portfolio is over weighted in a sector that underperforms the benchmark and under weighted in a sector that outperforms the benchmark.

**Agency Bonds (Agencies)**<sup>3</sup> - The full faith and credit of the United States government is normally not pledged to payment of principal and interest on the majority of government agencies issuing these bonds, with maturities of up to ten years. Their yields, therefore, are normally higher than government and their marketability is good, thereby qualifying them as a low risk-high liquidity type of investment. They are eligible as security for advances to the member banks by the Federal Reserve, which attests to their standing.

Asset Backed Securities (ABS)<sup>3</sup> - Bonds which are similar to mortgagebacked securities but are collateralized by assets other than mortgages; commonly backed by credit card receivables, auto loans, or other types of consumer financing.

**Attribution**<sup>3</sup> - Attribution is an analytical technique that allows us to evaluate the performance of the portfolio relative to the benchmark. A proper attribution tells us where value was added or subtracted as a result of the manager's decisions.

**Average Effective Maturity**<sup>4</sup> - For a single bond, it is a measure of maturity that takes into account the possibility that a bond might be called back to the issuer.

For a portfolio of bonds, average effective maturity is the weighted average of the maturities of the underlying bonds. The measure is computed by weighing each bond's maturity by its market value with respect to the portfolio and the likelihood of any of the bonds being called. In a pool of mortgages, this would also account for the likelihood of prepayments on the mortgages.

**Batting Average**<sup>1</sup> - A measurement representing an investment manager's ability to meet or beat an index.

Formula: Divide the number of days (or months, quarters, etc.) in which the manager beats or matches the index by the total number of days (or months, quarters, etc.) in the period of question and multiply that factor by 100.

**Brinson Fachler (BF) Attribution**<sup>1</sup> - The BF methodology is a highly accepted industry standard for calculating the allocation, selection, and interaction effects within a portfolio that collectively explains a portfolio's underlying performance. The main advantage of the BF methodology is that rather than using the overall return of the benchmark, it goes a level deeper than BHB and measures whether the benchmark sector, country, etc. outperformed/or underperformed the overall benchmark.

**Brinson Hood Beebower (BHB) Attribution**<sup>1</sup> - The BHB methodology shows that excess return must be equal to the sum of all other factors (i.e., allocation effect, selection effect, interaction effect, etc.). The advantage to using the BHB methodology is that it is a highly accepted industry standard for calculating the allocation, selection, and interaction effects within a portfolio that collectively explains a portfolio's underlying performance.

**Corporate Bond (Corp)**<sup>4</sup> - A debt security issued by a corporation and sold to investors. The backing for the bond is usually the payment ability of the company, which is typically money to be earned from future operations. In some cases, the company's physical assets may be used as collateral for bonds.

**Correlation**<sup>1</sup> - A range of statistical relationships between two or more random variables or observed data values. A correlation is a single number that describes the degree of relationship between variables.

Data Source: <sup>1</sup>InvestorForce, <sup>2</sup>Interaction Effect Performance Attribution, <sup>3</sup>NEPC, LLC, <sup>4</sup>Investopedia, <sup>5</sup>Hedgeco.net



# Glossary of Investment Terminology

**Coupon<sup>4</sup>** – The interest rate stated on a bond when it is issued. The coupon is typically paid semiannually. This is also referred to as the "coupon rate" or "coupon percent rate."

**Currency Effect**<sup>1</sup> - Is the effect that changes in currency exchange rates over time affect excess performance.

**Derivative Instrument**<sup>3</sup> - A financial obligation that derives its precise value from the value of one or more other instruments (or assets) at the same point of time. For example, the relationship between the value of an S&P 500 futures contract (the derivative instrument in this case) is determined by the value of the S&P 500 Index and the value of a U.S. Treasury bill that matures at the expiration of the futures contract.

**Downside Deviation**<sup>1</sup> - Equals the standard deviation of negative return or the measure of downside risk focusing on the standard deviation of negative returns.

#### Formula:

Annualized Standard Deviation (Fund Return - Average Fund Return) where average fund return is greater than individual fund returns, monthly or quarterly.

**Duration**<sup>3</sup> - Duration is a measure of interest rate risk. The greater the duration of a bond, or a portfolio of bonds, the greater its price volatility will be in response to a change in interest rates. A bond's duration is inversely related to interest rates and directly related to time to maturity.

**Equity/Debt/Cash Ratio**<sup>1</sup> – The percentage of an investment or portfolio that is in Equity, Debt, and/or Cash (i.e. A 7/89/4 ratio represents an investment that is made up of 7% Equity, 89% Debt, and 4% Cash).

**Foreign Bond**<sup>3</sup> - A bond that is issued in a domestic market by a foreign entity, in the domestic market's currency. A foreign bond is most often issued by a foreign firm to raise capital in a domestic market that would be most interested in purchasing the firm's debt. For foreign firms doing a large amount of business in the domestic market, issuing foreign bonds is a common practice.

**Hard Hurdle**<sup>5</sup> – is a hurdle rate that once beaten allows a fund manager to charge a performance fee on only the funds above the specified hurdle rate.

**High-Water Mark**<sup>4</sup> - The highest peak in value that an investment fund/ account has reached. This term is often used in the context of fund manager compensation, which is performance based. Some performance-based fees only get paid when fund performance exceeds the high-water mark. The high-water mark ensures that the manager does not get paid large sums for poor performance.

**Hurdle Rate**<sup>4</sup> - The minimum rate of return on an investment required, in order for a manager to collect incentive fees from the investor, which is usually tied to a benchmark.

**Interaction Effects**<sup>2</sup> - The interaction effect measures the combined impact of an investment manager's selection and allocation decisions within a sector. For example, if an investment manager had superior selection and over weighted that particular sector, the interaction effect is positive. If an investment manager had superior selection, but underweighted that sector, the interaction effect is negative. In this case, the investment manager did not take advantage of the superior selection by allocating more assets to that sector. Since many investment managers consider the interaction effect to be part of the selection or the allocation, it is often combined with the either effect.

**Median<sup>3</sup>** - The value (rate of return, market sensitivity, etc.) that exceeds onehalf of the values in the population and that is exceeded by one-half of the values. The median has a percentile rank of 50.

**Modified Duration**<sup>3</sup> - The percentage change in the price of a fixed income security that results from a change in yield.

**Mortgage Backed Securities (MBS)**<sup>3</sup> - Bonds which are a general obligation of the issuing institution but are also collateralized by a pool of mortgages.

**Municipal Bond (Muni)**<sup>4</sup> - A debt security issued by a state, municipality or county to finance its capital expenditures.

**Net Investment Change**<sup>1</sup> – Is the change in an investment after accounting for all Net Cash Flows.

**Performance Fee<sup>4</sup>** - A payment made to a fund manager for generating positive returns. The performance fee is generally calculated as a percentage of investment profits, often both realized and unrealized.

Data Source: <sup>1</sup>InvestorForce, <sup>2</sup>Interaction Effect Performance Attribution, <sup>3</sup>NEPC, LLC, <sup>4</sup>Investopedia, <sup>5</sup>Hedgeco.net



# Glossary of Investment Terminology

**Policy Index<sup>3</sup>** - A custom benchmark designed to indicate the returns that a passive investor would earn by consistently following the asset allocation targets set forth in this investment policy statement.

**Price to Book (P/B)**<sup>4</sup> - A ratio used to compare a stock's market value to its book value. It is calculated by dividing the current closing price of the stock by the latest quarter's book value per share, also known as the "price-equity ratio".

**Price to Earnings (P/E)**<sup>3</sup> - The weighted equity P/E is based on current price and trailing 12 months earnings per share (EPS).

**Price to Sales**  $(P/S)^4$  - A ratio for valuing a stock relative to its own past performance, other companies, or the market itself. Price to sales is calculated by dividing a stock's current price by its revenue per share for the trailing 12 months.

**Return on Equity (ROE)**<sup>4</sup> - The amount of net income returned as a percentage of shareholders equity. Return on equity measures a corporation's profitability by revealing how much profit a company generates with the money shareholders have invested.

**Selection (or Manager) Effect**<sup>2</sup> - Measures the investment manager's ability to select securities within a given sector relative to a benchmark. The over or underperformance of the portfolio is weighted by the benchmark weight, therefore, selection is not affected by the manager's allocation to the sector. The weight of the sector in the portfolio determines the size of the effect—the larger the sector, the larger the effect is, positive or negative.

**Soft Hurdle rate**<sup>5</sup> – is a hurdle rate that once beaten allows a fund manager to charge a performance fee based on the entire annualized return.

**Tiered Fee<sup>1</sup>** – A fee structure that is paid to fund managers based on the size of the investment (i.e. 1.00% fee on the first \$10M invested, 0.90% on the next \$10M, and 0.80% on the remaining balance).

**Total Effects**<sup>2</sup> - The active management (total) effect is the sum of the selection, allocation, and interaction effects. It is also the difference between the total portfolio return and the total benchmark return. You can use the active management effect to determine the amount the investment manager has added to a portfolio's return.

**Total Return**<sup>1</sup> - The actual rate of return of an investment over a specified time period. Total return includes interest, capital gains, dividends, and distributions realized over a defined time period.

**Universe**<sup>3</sup> - The list of all assets eligible for inclusion in a portfolio.

**Upside Deviation**<sup>1</sup> – Standard Deviation of Positive Returns

Weighted Avg. Market Cap.<sup>4</sup> - A stock market index weighted by the market capitalization of each stock in the index. In such a weighting scheme, larger companies account for a greater portion of the index. Most indexes are constructed in this manner, with the best example being the S&P 500.

**Yield (%)**<sup>3</sup> - The current yield of a security is the current indicated annual dividend rate divided by current price.

**Yield to Maturity**<sup>3</sup> -The discount rate that equates the present value of cash flows, both principal and interest, to market price.

Data Source: <sup>1</sup>InvestorForce, <sup>2</sup>Interaction Effect Performance Attribution, <sup>3</sup>NEPC, LLC, <sup>4</sup>Investopedia, <sup>5</sup>Hedgeco.net



# Glossary of Investment Terminology-Risk Statistics

**Alpha** - Measures the relationship between the fund performance and the performance of another fund or benchmark index and equals the excess return while the other fund or benchmark index is zero.

**Alpha Jensen** - The average return on a portfolio over and above that predicted by the capital asset pricing model (CAPM), given the portfolio's beta and the average market return. Also known as the abnormal return or the risk adjusted excess return.

**Annualized Excess Return over Benchmark** - Annualized fund return minus the annualized benchmark return for the calculated return.

**Annualized Return** - A statistical technique whereby returns covering periods greater than one year are converted to cover a 12 month time span.

**Beta** - Measures the volatility or systematic risk and is equal to the change in the fund's performance in relation to the change in the assigned index's performance.

**Information Ratio** - A measure of the risk adjusted return of a financial security, asset, or portfolio.

#### Formula:

(Annualized Return of Portfolio - Annualized Return of Benchmark)/Annualized Standard Deviation(Period Portfolio Return – Period Benchmark Return). To annualize standard deviation, multiply the deviation by the square root of the number of periods per year where monthly returns per year equals 12 and quarterly returns is four periods per year.

**R-Squared** – Represents the percentage of a fund's movements that can be explained by movements in an index. R-Squared values range from 0 to 100. An R-Squared of 100 denotes that all movements of a fund are completely explained by movements in the index.

**Sharpe Ratio** - A measure of the excess return or risk premium per unit of risk in an investment asset or trading strategy.

**Sortino Ratio** - A method to differentiate between good and bad volatility in the Sharpe Ratio. The differentiation of up and down volatility allows the calculation to provide a risk adjusted measure of a security or fund's performance without upward price change penalties.

### Formula:

Calculation Average (X-Y)/Downside Deviation (X-Y) \* 2Where X=Return Series X Y = Return Series Y which is the risk free return (91 day T-bills) **Standard Deviation** - The standard deviation is a statistical term that describes the distribution of results. It is a commonly used measure of volatility of returns of a portfolio, asset class, or security. The higher the standard deviation the more volatile the returns are.

#### Formula:

(Annualized Return of Portfolio – Annualized Return of Risk Free) / Annualized Standard Deviation (Portfolio Returns)

**Tracking Error** - Tracking error, also known as residual risk, is a measure of the degree to which a portfolio tracks its benchmark. It is also a measure of consistency of excess returns. Tracking error is computed as the annualized standard deviation of the difference between a portfolio's return and that of its benchmark.

#### Formula:

Tracking Error = Standard Deviation (X-Y) \*  $\sqrt{(\# \text{ of periods per year})}$ Where X = periods portfolio return and Y = the period's benchmark return For monthly returns, the periods per year = 12 For quarterly returns, the periods per year = 4

**Treynor Ratio** - A risk-adjusted measure of return based on systematic risk. Similar to the Sharpe ratio with the difference being the Treynor ratio uses beta as the measurement of volatility.

### Formula:

(Portfolio Average Return - Average Return of Risk-Free Rate)/Portfolio Beta

**Up/Down Capture Ratio** - A measure of what percentage of a market's returns is "captured" by a portfolio. For example, if the market declines 10% over some period, and the manager declines only 9%, then his or her capture ratio is 90%. In down markets, it is advantageous for a manager to have as low a capture ratio as possible. For up markets, the higher the capture ratio the better. Looking at capture ratios can provide insight into how a manager achieves excess returns. A value manager might typically have a lower capture ratio in both up and down markets, achieving excess returns by protecting on the downside, whereas a growth manager might fall more than the overall market in down markets, but achieve above-market returns in a rising market.

UpsideCapture = TotalReturn(FundReturns)/TotalReturns(BMReturn) when Period Benchmark Return is > = 0

DownsideCapture = TotalReturn(FundReturns)/TotalReturns(BMReturn) when Benchmark <0

Data Source: InvestorForce



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