# **Town of Wilton - OPEB Plan**

**Quarterly Investment Review - Second Quarter 2015** 



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# **Market Review**

**Global growth expectations remain somewhat constrained.** The IMF recently revised its expectation for 2015 downward to 3.3% from 3.5%, although the forecast for 2016 endures at a more robust 3.8% rate.

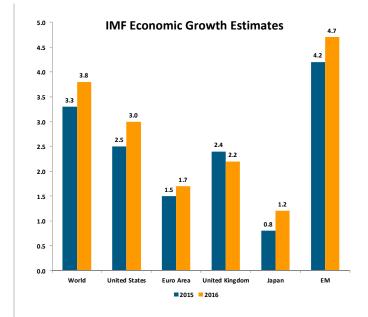
Recent "headline" events (i.e. Greece & China) have not deterred the accommodative stances of central banks overseas, but the ensuing uncertainty has called into question the timing and tempo of the Fed's widely anticipated rate hike campaign.

**Economic activity in the U.S. persists at an uneven pace.** Recent labor market data, widely thought to be key in the Fed's ongoing assessment of the economy, has presented somewhat of a mixed bag (consensus level job gains offset by flat wages). However, more encouraging readings on the consumer confidence and manufacturing fronts might be setting the stage for stronger growth in the year's second half.

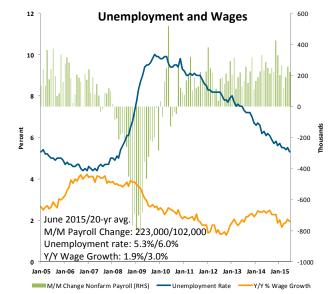
The economic picture overseas is generally encouraging. Stimulative central bank postures, the trade advantages to potentially be drawn from lingering dollar strength, and low energy prices could prove to be beneficial.

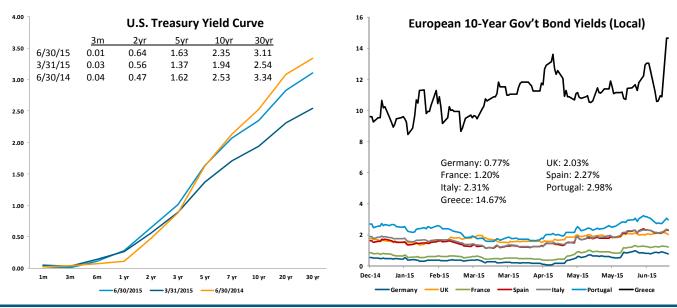
International equity markets marginally outpaced their U.S. counterparts. In addition to the factors highlighted immediately above, improving corporate profitability helped returns. U.S. stocks generated only the barest of positive returns as corporate earnings growth moderated, accentuated by uninspiring economic data.

**Higher interest rates dampened fixed income returns.** The asset-backed and high yield segments of the markets proved to be the quarter's return leaders, the latter benefiting from comparatively wide spreads and lower than market duration.









Sources: Thomson Reuters Datastream, IMF, U.S. Bureau of Labor Statistics, U.S. Treasury. Data as of June 30, 2015 unless otherwise noted.

# **Index Results**

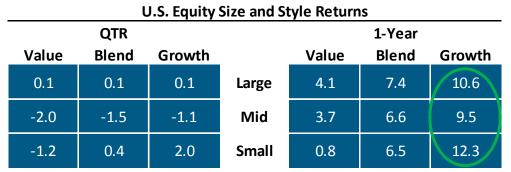


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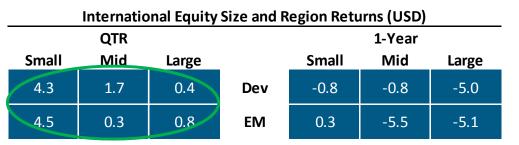
| U.S. EQUITY                         | QUARTER | YTD   | 1 YEAR | 3 YEAR | 5 YEAR | 10 YEAR |
|-------------------------------------|---------|-------|--------|--------|--------|---------|
| S&P 500                             | 0.3     | 1.2   | 7.4    | 17.3   | 17.3   | 7.9     |
| Russell 1000                        | 0.1     | 1.7   | 7.4    | 17.7   | 17.6   | 8.1     |
| Russell 1000 Value                  | 0.1     | (0.6) | 4.1    | 17.3   | 16.5   | 7.0     |
| Russell 1000 Growth                 | 0.1     | 4.0   | 10.6   | 18.0   | 18.6   | 9.1     |
| Russell Mid Cap                     | (1.5)   | 2.4   | 6.6    | 19.3   | 18.2   | 9.4     |
| Russell Mid Cap Value               | (2.0)   | 0.4   | 3.7    | 19.1   | 17.7   | 8.9     |
| Russell Mid Cap Growth              | (1.1)   | 4.2   | 9.5    | 19.2   | 18.7   | 9.7     |
| Russell 2000                        | 0.4     | 4.8   | 6.5    | 17.8   | 17.1   | 8.4     |
| Russell 2000 Value                  | (1.2)   | 0.8   | 0.8    | 15.5   | 14.8   | 6.9     |
| Russell 2000 Growth                 | 2.0     | 8.7   | 12.3   | 20.1   | 19.3   | 9.9     |
| Russell 3000                        | 0.1     | 1.9   | 7.3    | 17.7   | 17.5   | 8.2     |
| FTSE NAREIT Equity REITs Index      | (10.0)  | (5.7) | 4.3    | 8.9    | 14.3   | 7.0     |
| INTERNATIONAL EQUITY                | QUARTER | YTD   | 1 YEAR | 3 YEAR | 5 YEAR | 10 YEAR |
| MSCI ACWI ex-US                     | 0.5     | 4.0   | (5.3)  | 9.4    | 7.8    | 5.5     |
| MSCI EAFE                           | 0.6     | 5.5   | (4.2)  | 12.0   | 9.5    | 5.1     |
| MSCI EAFE Value                     | 0.2     | 4.1   | (7.1)  | 11.8   | 8.9    | 4.4     |
| MSCI EAFE Growth                    | 1.0     | 6.9   | (1.3)  | 12.1   | 10.1   | 5.8     |
| MSCI EAFE Small Cap                 | 4.3     | 10.1  | (0.8)  | 15.7   | 12.4   | 6.6     |
| MSCI EM (Emerging Markets)          | 0.7     | 2.9   | (5.1)  | 3.7    | 3.7    | 8.1     |
| FIXED INCOME                        | QUARTER | YTD   | 1 YEAR | 3 YEAR | 5 YEAR | 10 YEAR |
| Barclays U.S. Aggregate Bond        | (1.7)   | (0.1) | 1.9    | 1.8    | 3.3    | 4.4     |
| Barclays U.S. Gov/Credit Bond       | (2.1)   | (0.3) | 1.7    | 1.8    | 3.5    | 4.4     |
| Barclays Gov/Credit Long Bond       | (7.6)   | (4.5) | 1.9    | 2.5    | 6.7    | 6.1     |
| Barclays U.S. Corp High Yield       | 0.0     | 2.5   | (0.4)  | 6.8    | 8.6    | 7.9     |
| Barclays Municipal Bond             | (0.9)   | 0.1   | 3.0    | 3.1    | 4.5    | 4.5     |
| Barclays U.S. TIPS                  | (1.1)   | 0.3   | (1.7)  | (0.8)  | 3.3    | 4.1     |
| BofA Merrill 3-Month T-Bill         | 0.0     | 0.0   | 0.0    | 0.1    | 0.1    | 1.4     |
| NON-TRADITIONAL                     | QUARTER | YTD   | 1 YEAR | 3 YEAR | 5 YEAR | 10 YEAR |
| Bloomberg Commodity Index           | 4.7     | (1.6) | (23.7) | (8.8)  | (3.9)  | (2.6)   |
| HFRI Fund of Funds Index            | 0.1     | 2.6   | 3.8    | 6.2    | 4.1    | 3.2     |
| NCREIF Property Index (quarter lag) | 3.6     | 3.6   | 12.7   | 11.5   | 12.8   | 8.4     |
| CPI (quarter lag)                   | (0.2)   | (0.2) | 0.0    | 1.0    | 1.6    | 2.0     |

Sources: Morningstar Direct, Standard & Poor's, Russell, FTSE, MSCI, Barclays Capital, BofA Merrill Lynch, Bloomberg, HFRI, NCREIF. Data as of June 30, 2015 unless otherwise noted.

# Equity & Fixed Income Review



Large cap stocks were essentially flat for the quarter, with little preference for value or growth; however, growth stocks have significantly outpaced their value counterparts over the past year as health care stocks, which are more prevalent in the growth benchmarks, continue to push higher on the back of strong M&A activity and the Supreme Court's favorable ruling.



The broad developed market index modestly lagged the emerging markets index in the quarter, as concerns about Greece overshadowed stronger economic data. However, an increased willingness to return capital to shareholders and easy monetary policy pushed Japanese equities higher. Emerging market equities posted modest gains despite increased volatility in the Chinese equity markets.



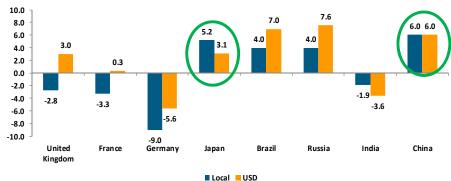
Higher interest rates generally proved detrimental to fixed income returns, with more pronounced effects for longer dated paper. Marginal incremental returns were achieved within certain segments of the asset backed security and high yield arenas.

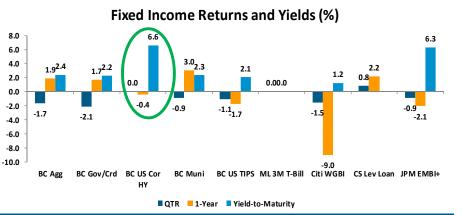




🔳 QTR 📒 1-year



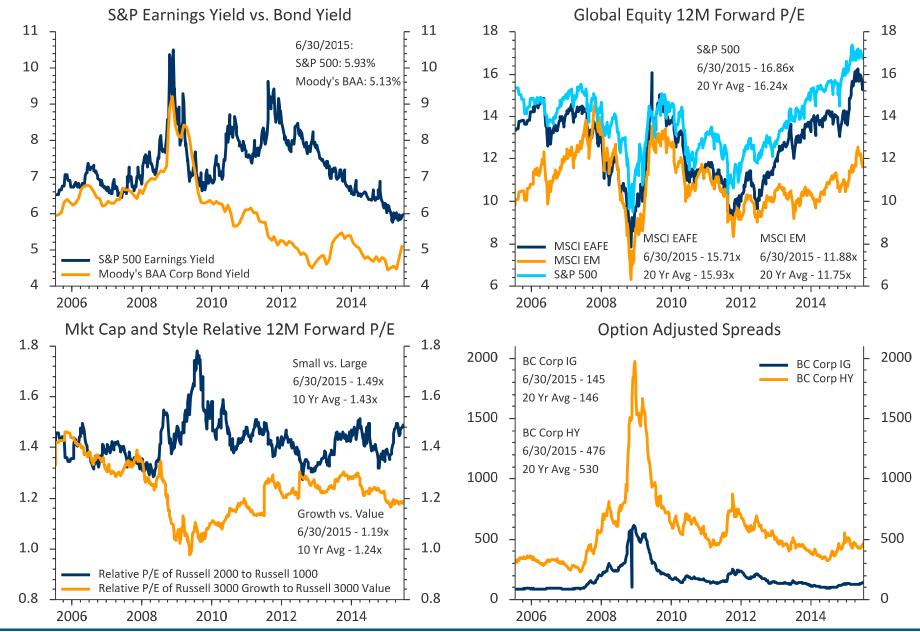




Sources: Morningstar Direct, Thomson Reuters Datastream, Standard & Poor's, Russell, MSCI, Barclays Capital, Citigroup, BofA Merrill Lynch, Credit Suisse, JPMorgan. Data as of June 30, 2015 unless otherwise noted. The performance grids above are based on select Russell, MSCI and Barclays Capital indexes.

# **Market Valuations**

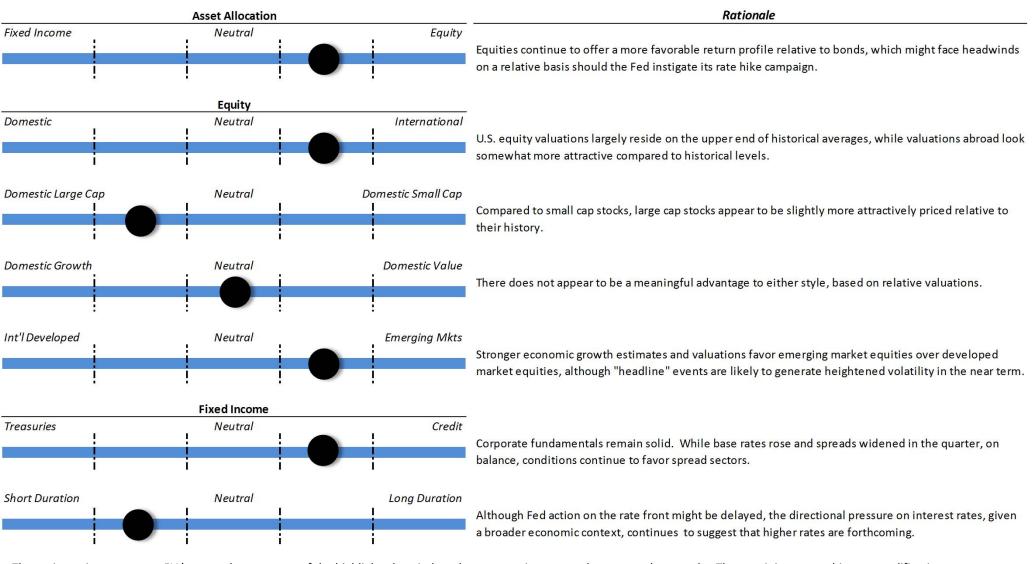




Sources: Thomson Reuters Datastream, Standard & Poor's, Moody's, Russell, MSCI, IBES, Barclays Capital. Data as of June 30, 2015 unless otherwise noted.

# Market Viewpoints





These viewpoints represent FIA's general assessment of the highlighted capital markets comparisons over the next twelve months. These opinions are subject to modification as conditions in the markets change. Clients should utilize these rankings in conjunction with other considerations that may be relevant to their particular circumstances.

# **Asset Allocation**

## **OPEB** Plan

|   | Asset<br>Allocation | Asset<br>Allocation | Target<br>Allocation | Differences |
|---|---------------------|---------------------|----------------------|-------------|
|   | (\$)                | (%)                 | (%)                  | (%)         |
| OPEB Plan                                     | 4,945,300           | 100.0               | 100.0                | 0.0         |
| Total Short Term Liquidity                    | 190,109             | 3.8                 | 5.0                  | -1.2        |
| Wells Fargo Cash                              | 19,273              | 0.4                 | 0.0                  | 0.4         |
| Webster Cash                                  | 170,836             | 3.5                 | 5.0                  | -1.5        |
| Fixed Income                                  | 2,007,045           | 40.6                | 40.0                 | 0.6         |
| Vanguard Interm-Term Investment-Grade         | 766,244             | 15.5                | 15.0                 | 0.5         |
| Blackrock Strategic Income Opportunities Fund | 254,459             | 5.1                 | 5.0                  | 0.1         |
| Eaton Vance Floating Rate                     | 249,913             | 5.1                 | 5.0                  | 0.1         |
| Templeton Global Bond                         | 246,243             | 5.0                 | 5.0                  | 0.0         |
| Vanguard Short Term Invst Grade Adm           | 247,095             | 5.0                 | 5.0                  | 0.0         |
| Vanguard Short Term Inflation Protection      | 243,091             | 4.9                 | 5.0                  | -0.1        |
| Domestic Equity                               | 1,513,470           | 30.6                | 30.0                 | 0.6         |
| Vanguard Total Stock Mkt Idx                  | 1,513,470           | 30.6                | 30.0                 | 0.6         |
| International Equity                          | 982,718             | 19.9                | 20.0                 | -0.1        |
| Vanguard Total International Stock            | 479,208             | 9.7                 | 10.0                 | -0.3        |
| Europacific Growth R6                         | 503,510             | 10.2                | 10.0                 | 0.2         |
| Real Estate                                   | 251,958             | 5.1                 | 5.0                  | 0.1         |
| Vanguard REIT Index                           | 251,958             | 5.1                 | 5.0                  | 0.1         |

## As of June 30, 2015

### **Account Reconciliation**

|                        | QTR       | YTD       | Since<br>Inception | Inception<br>Date |
|------------------------|-----------|-----------|--------------------|-------------------|
| OPEB Plan              |           |           |                    | 05/01/2012        |
| Beginning Market Value | 5,074,228 | 5,016,299 | 2,652,035          |                   |
| Net Contributions      | -101,934  | -161,491  | 1,438,986          |                   |
| Total Gain/Loss        | -26,994   | 90,493    | 854,279            |                   |
| Ending Market Value    | 4,945,300 | 4,945,300 | 4,945,300          |                   |
|                        |           |           |                    |                   |
|                        |           |           |                    |                   |
|                        |           |           |                    |                   |
|                        |           |           |                    |                   |
|                        |           |           |                    |                   |
|                        |           |           |                    |                   |
|                        |           |           |                    |                   |
|                        |           |           |                    |                   |

## Wilton OPEB Plan Benchmark Composition

| Allocation Mandate                      | Weight (%) |
|---|------------|
|   |            |
| 90 Day U.S. Treasury Bill               | 5.0        |
| Barclays Aggregate Index                | 20.0       |
| Barclays U.S. Credit 5-10 Year Index    | 15.0       |
| Barclays U.S. Treasury: U.S. TIPS Index | 5.0        |
| CRSP U.S. Total Market TR Index         | 30.0       |
| MSCI AC World ex USA (Net)              | 10.0       |
| FTSE Global ex USA All Cap Index (Net)  | 10.0       |
| MSCI U.S. REIT Index                    | 5.0        |
|   |            |
|   |            |
|   |            |
|   |            |
|   |            |

### Trailing Performance Summary

|                            | QTR  | YTD | Jul-2014<br>To<br>Jun-2015 | 1<br>Year | 3<br>Years | 5<br>Years | 7<br>Years | 10<br>Years | Since<br>Inception | Inception<br>Date |
|----------------------------|------|-----|----------------------------|-----------|------------|------------|------------|-------------|--------------------|-------------------|
| OPEB Plan                  | -0.6 | 1.7 | 2.6                        | 2.6       | 8.8        | N/A        | N/A        | N/A         | 7.8                | 05/01/2012        |
| Wilton OPEB Plan Benchmark | -1.0 | 1.3 | 2.1                        | 2.1       | 8.2        | 8.8        | N/A        | N/A         | 7.2                |                   |
| Difference                 | 0.4  | 0.4 | 0.5                        | 0.5       | 0.6        | N/A        | N/A        | N/A         | 0.6                |                   |

### Calendar Year Performance Summary

|                            | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 |
|----------------------------|------|------|------|------|------|------|------|------|
| OPEB Plan                  | 6.4  | 11.9 | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  |
| Wilton OPEB Plan Benchmark | 6.3  | 11.5 | 10.9 | 1.4  | N/A  | N/A  | N/A  | N/A  |
| Difference                 | 0.1  | 0.4  | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  |
|                            |      |      |      |      |      |      |      |      |

# OPEB Plan

| Allocation Mandate   | Weight (%)   | Allocation Mandate   | Weight (%)   |
|--|--------------|--|--------------|
| Feb-2010   |              | Jun-2013   |              |
| Barclays U.S. Aggregate Float Adjusted                               | 45.0         | 90 Day U.S. Treasury Bill  | 15.0         |
| MSCI US Broad Market Index   | 35.0         | Barclays Aggregate Index   | 25.0         |
| FTSE All World - Ex US   | 20.0         | Barclays U.S. Treasury: U.S. TIPS Index                                    | 5.0          |
| C 2010   |              | CRSP U.S. Total Market TR Index  | 30.0         |
| Sep-2010   | 40.0         | FTSE Global ex USA All Cap Index (Net)                                     | 20.0         |
| Barclays U.S. Aggregate Float Adjusted<br>MSCI US Broad Market Index | 40.0<br>33.0 | MSCI U.S. REIT Index   | 5.0          |
|  |              | Aug 2014   |              |
| FTSE All World - Ex US   | 20.0         | Aug-2014   | F 0          |
| MSCI U.S. REIT Index   | 2.0          | 90 Day U.S. Treasury Bill  | 5.0          |
| Barclays 20-30 Year Treasury Strips                                  | 5.0          | Barclays Aggregate Index   | 20.0         |
| Nov-2010   |              | Barclays U.S. Credit 5-10 Year Index                                       | 15.0<br>5.0  |
| Barclays U.S. Aggregate Float Adjusted                               | 40.0         | Barclays U.S. Treasury: U.S. TIPS Index<br>CRSP U.S. Total Market TR Index | 30.0         |
| MSCI US Broad Market Index   | 32.0         |  | 30.0<br>10.0 |
| FTSE All World - Ex US   | 20.0         | MSCI AC World ex USA (Net)   | 10.0         |
| Barclays 20-30 Year Treasury Strips                                  | 5.0          | FTSE Global ex USA All Cap Index (Net)<br>MSCI U.S. REIT Index             | 5.0          |
| MSCI U.S. REIT Index   | 3.0          | MISCI U.S. REIT INDEX  | 5.0          |
| Feb-2011   |              |  |              |
| Barclays U.S. Aggregate Float Adjusted                               | 45.0         |  |              |
| MSCI US Broad Market Index   | 30.0         |  |              |
| FTSE All World - Ex US   | 20.0         |  |              |
| MSCI U.S. REIT Index   | 5.0          |  |              |
| May-2012   |              |  |              |
| 90 Day U.S. Treasury Bill  | 15.0         |  |              |
| Barclays Aggregate Index   | 25.0         |  |              |
| Barclays U.S. Treasury: U.S. TIPS Index                              | 5.0          |  |              |
| MSCI US Broad Market Index   | 30.0         |  |              |
| MSCI AC World ex USA (Net)   | 20.0         |  |              |
| MSCI U.S. REIT Index   | 5.0          |  |              |

# **Manager Performance Overview**

### **OPEB** Plan

|   | QTR                     | YTD                   | 1<br>Year               | 3<br>Years | 5<br>Years | Since<br>Inception      | Inception<br>Date |
|---|-------------------------|-----------------------|-------------------------|------------|------------|-------------------------|-------------------|
| Chart Torm Liquidity                            |                         |                       |                         |            |            |                         |                   |
| Short Term Liquidity                            | 0.0                     | 0.0                   | 0.0                     | 0.0        | N/A        | 0.0                     | 05/01/2012        |
| Wells Fargo Cash                                |                         |                       |                         |            | -          |                         | 05/01/2012        |
| 90 Day U.S. Treasury Bill                       | 0.0                     | 0.0                   | 0.0                     | 0.1        | 0.1        | 0.1                     |                   |
| Fixed Income                                    |                         |                       |                         |            |            |                         |                   |
| Vanguard Interm-Term Investment-Grade           | - <mark>1.6</mark> (24) | 0.7 (5)               | 2.0 (10)                | 3.2 (48)   | 5.0 (46)   | 5.4 (44)                | 06/01/2010        |
| Barclays U.S. Credit 5-10 Year Index            | -2.1                    | 0.5                   | 1.9                     | 3.7        | 5.7        | 6.0                     |                   |
| IM U.S. Corporate Bonds (MF) Median             | -2.2                    | -0.4                  | 0.6                     | 3.1        | 4.7        | 5.0                     |                   |
| Blackrock Strategic Income Opportunities Fund   | - <mark>0.8</mark> (73) | 0.8 (42)              | 1.3 (12)                | N/A        | N/A        | 2.6 (11)                | 03/01/2014        |
| Barclays Aggregate Index                        | -1.7                    | -0.1                  | 1.9                     | 1.8        | 3.3        | 2.8                     |                   |
| Libor (3 month)                                 | 0.1                     | 0.1                   | 0.3                     | 0.3        | 0.3        | 0.2                     |                   |
| IM Alternative Credit Focus (MF) Median         | -0.3                    | 0.6                   | -0.8                    | 2.4        | 3.4        | 0.6                     |                   |
| Eaton Vance Floating Rate                       | 0.3 (75)                | 2.2 (75)              | 1.5 (36)                | N/A        | N/A        | 1.8 (45)                | 03/01/2014        |
| S&P/LSTA Leveraged Loan Index                   | 0.7                     | 2.8                   | 1.8                     | 4.9        | 5.5        | 2.7                     |                   |
| IM U.S. Bank Loans (MF) Median                  | 0.6                     | 2.5                   | 1.2                     | 4.1        | 4.9        | 1.7                     |                   |
| Templeton Global Bond                           | - <mark>0.3</mark> (11) | <mark>0.0</mark> (23) | - <mark>1.6</mark> (32) | N/A        | N/A        | 2.0 (18)                | 03/01/2014        |
| Citigroup World Government Bond                 | -1.5                    | -4.0                  | -9.0                    | -2.4       | 1.1        | -5.3                    |                   |
| IM Global Fixed Income (MF) Median              | -1.9                    | -1.9                  | -4.8                    | 1.2        | 2.6        | -1.0                    |                   |
| Vanguard Short Term Invst Grade Adm             | -0.1 (78)               | 1.0 (16)              | 1.1 (9)                 | 2.1 (8)    | 2.5 (10)   | 2.6 (10)                | 06/01/2010        |
| Barclays U.S. Credit 1-5 Year Index             | -0.1                    | 1.0                   | 1.3                     | 2.3        | 3.0        | 3.1                     |                   |
| IM U.S. Short Term Investment Grade (MF) Median | 0.0                     | 0.5                   | 0.4                     | 1.0        | 1.6        | 1.6                     |                   |
| Vanguard Short Term Inflation Protection        | 0.5 (8)                 | 0.9 (23)              | - <mark>2.0</mark> (19) | N/A        | N/A        | - <mark>0.7</mark> (75) | 03/01/2014        |
| Barclays U.S. TIPS 0-5 Year                     | 0.6                     | 1.0                   | -1.9                    | -0.1       | 1.3        | -0.5                    |                   |
| IM U.S. TIPS (MF) Median                        | -1.1                    | 0.2                   | -2.6                    | -1.2       | 2.5        | 0.0                     |                   |

# **Manager Performance Overview**

### **OPEB** Plan

As of June 30, 2015

|  | QTR                      | YTD                     | 1<br>Year               | 3<br>Years | 5<br>Years | Since<br>Inception | Inception<br>Date |
|--|--------------------------|-------------------------|-------------------------|------------|------------|--------------------|-------------------|
| Domestic Equity                                      |                          |                         |                         |            |            |                    |                   |
| Vanguard Total Stock Mkt Idx                         | 0.1 (42)                 | 1.9 (52)                | 7.2 (31)                | 17.7 (47)  | N/A        | N/A                | 06/01/2010        |
| CRSP US Total Market Spliced Index <sup>^</sup>      | 0.1                      | 1.9                     | 7.2                     | 17.7       | 17.6       | 15.9               |                   |
| IM U.S. Multi-Cap Core Equity (MF) Median            | -0.1                     | 1.9                     | 5.6                     | 17.6       | 16.2       | 14.5               |                   |
| International Equity                                 |                          |                         |                         |            |            |                    |                   |
| Vanguard Total International Stock                   | 1.3 (39)                 | 5.4 (62)                | - <mark>4.6</mark> (69) | 9.9 (74)   | N/A        | 7.3 (77)           | 05/01/2012        |
| FTSE Global All Cap ex US Spliced Index <sup>^</sup> | 1.1                      | 4.8                     | -4.5                    | 10.1       | 8.0        | 7.2                |                   |
| IM International Multi-Cap Core Equity (MF) Median   | 1.0                      | 5.9                     | -3.8                    | 11.5       | 9.4        | 9.0                |                   |
| Europacific Growth R6                                | 1.1 (42)                 | 7.2 (20)                | N/A                     | N/A        | N/A        | 2.3 (9)            | 09/01/2014        |
| MSCI AC World ex USA (Net)                           | 0.5                      | 4.0                     | -5.3                    | 9.4        | 7.8        | -4.8               |                   |
| IM International Large Cap Core Equity (MF) Median   | 0.9                      | 6.3                     | -3.9                    | 10.5       | 9.2        | -1.7               |                   |
| Real Estate  |                          |                         |                         |            |            |                    |                   |
| Vanguard REIT Index                                  | - <mark>10.5</mark> (79) | - <mark>6.2</mark> (74) | 3.8 (56)                | 8.6 (31)   | N/A        | N/A                | 06/01/2010        |
| MSCI U.S. REIT Index                                 | -10.4                    | -6.2                    | 3.9                     | 8.7        | 14.3       | 12.8               |                   |
| IM Real Estate Sector (MF) Median                    | -9.9                     | -5.8                    | 4.0                     | 8.2        | 13.6       | 12.1               |                   |

The inception date expressed on the Manager Performance Overview page(s) represents the first day of the first full month following the purchase of the investment. Performance figures shown at the fund level begin on this inception date. Your performance may differ slightly if the fund was purchased during the previous month. Actual performance is captured at the total plan level.

Mutual fund performance stated above may differ slightly from the current share class's historical performance due to share class exchanges.

Peer group comparisons are calculated using the Fund's NET return versus the applicable peer group. Mutual Fund (MF) peer group comparisons are reported on a NET return basis. Separate Account and Commingled Fund (SA+CF) peer group comparisons are reported on a GROSS return basis.

# Manager Commentary OPEB Plan

| Manager                          | Status   |
|----------------------------------|----------|
| Fixed Income                     |          |
| Vanguard Int-Tm Inv;Adm (VFIDX)  | Maintain |
| BlackRock:Str Inc Opp;I (BSIIX)  | Maintain |
| Eaton Vance Flt Rt;Ins (EIBLX)   | Maintain |
| Templeton Gl Bond;Adv (TGBAX)    | Maintain |
| Vanguard Sh-Tm Inv;Adm (VFSUX)   | Maintain |
| Vanguard ST InPS Idx;Adm (VTAPX) | Maintain |
| Domestic Equity                  |          |
| Vanguard TSM Idx;Adm (VTSAX)     | Maintain |
| International Equity             |          |
| American Funds EuPc;R-6 (RERGX)  | Maintain |
| Vanguard Tot I Stk;Adm (VTIAX)   | Maintain |
| Real Estate                      |          |
| Vanguard REIT Idx;Adm (VGSLX)    | Maintain |

# Manager Gain/Loss Summary

| OP | ΈB | Plan |  |
|----|----|------|--|
|    |    |      |  |

|   | Market Value<br>As of<br>04/01/2015 | Net Flows | Return On<br>Investment | Market Value<br>As of<br>06/30/2015 |
|---|-------------------------------------|-----------|-------------------------|-------------------------------------|
| Short Term Liquidity                          |                                     |           |                         |                                     |
| Wells Fargo Cash                              | 28,076                              | -8,807    | 4                       | 19,273                              |
| Webster Cash                                  | 163,963                             | 6,873     | -                       | 170,836                             |
| Total Short Term Liquidity                    | 192,039                             | -1,934    | 4                       | 190,109                             |
| Fixed Income                                  |                                     |           |                         |                                     |
| Vanguard Interm-Term Investment-Grade         | 778,324                             | -         | -12,080                 | 766,244                             |
| Blackrock Strategic Income Opportunities Fund | 256,448                             | -         | -1,988                  | 254,459                             |
| Eaton Vance Floating Rate                     | 249,080                             | -         | 833                     | 249,913                             |
| Templeton Global Bond                         | 246,907                             | -         | -664                    | 246,243                             |
| Vanguard Short Term Invst Grade Adm           | 247,268                             | -         | -174                    | 247,095                             |
| Vanguard Short Term Inflation Protection      | 241,797                             | -         | 1,294                   | 243,091                             |
| Total Fixed Income                            | 2,019,824                           | -         | -12,779                 | 2,007,045                           |
| Domestic Equity                               |                                     |           |                         |                                     |
| Vanguard Total Stock Mkt Idx                  | 1,609,905                           | -100,000  | 3,565                   | 1,513,470                           |
| Total Domestic Equity                         | 1,609,905                           | -100,000  | 3,565                   | 1,513,470                           |
| International Equity                          |                                     |           |                         |                                     |
| Vanguard Total International Stock            | 473,141                             | -         | 6,067                   | 479,208                             |
| Europacific Growth R6                         | 497,922                             | -         | 5,588                   | 503,510                             |
| Total International Equity                    | 971,063                             | -         | 11,655                  | 982,718                             |
| Real Estate                                   |                                     |           |                         |                                     |
| Vanguard REIT Index                           | 281,397                             | -         | -29,440                 | 251,958                             |
| Total Real Estate                             | 281,397                             | -         | -29,440                 | 251,958                             |
| Total OPEB Plan                               | 5,074,228                           | -101,934  | -26,994                 | 4,945,300                           |

# Market Values & Flow Summary

# OPEB Plan

## Since Inception Ending June 30, 2015

| Periods Ending | Beginning<br>Market Value<br>(\$) | Net<br>Cash Flow<br>(\$) | Gain/Loss<br>(\$) | Ending<br>Market Value<br>(\$) | % Return |
|----------------|-----------------------------------|--------------------------|-------------------|--------------------------------|----------|
| Jun-2012       | -                                 | -                        | -                 | 2,584,821                      | N/A      |
| Sep-2012       | 2,584,821                         | 52,505                   | 108,286           | 2,745,613                      | 4.4      |
| Dec-2012       | 2,745,613                         | -28,346                  | 48,881            | 2,766,147                      | 1.8      |
| Mar-2013       | 2,766,147                         | -42,296                  | 122,759           | 2,846,610                      | 4.5      |
| Jun-2013       | 2,846,610                         | -112,997                 | -27,166           | 2,706,447                      | -0.8     |
| Sep-2013       | 2,706,447                         | 1,184,916                | 132,639           | 4,024,003                      | 4.4      |
| Dec-2013       | 4,024,003                         | 48,525                   | 138,167           | 4,210,695                      | 3.4      |
| Mar-2014       | 4,210,695                         | -38,329                  | 92,501            | 4,264,867                      | 2.1      |
| Jun-2014       | 4,264,867                         | -7,625                   | 143,450           | 4,400,692                      | 3.4      |
| Sep-2014       | 4,400,692                         | 646,970                  | -41,679           | 5,005,983                      | -0.9     |
| Dec-2014       | 5,005,983                         | -78,042                  | 88,358            | 5,016,299                      | 1.8      |
| Mar-2015       | 5,016,299                         | -59,558                  | 117,487           | 5,074,228                      | 2.3      |
| Jun-2015       | 5,074,228                         | -101,934                 | -26,994           | 4,945,300                      | -0.6     |

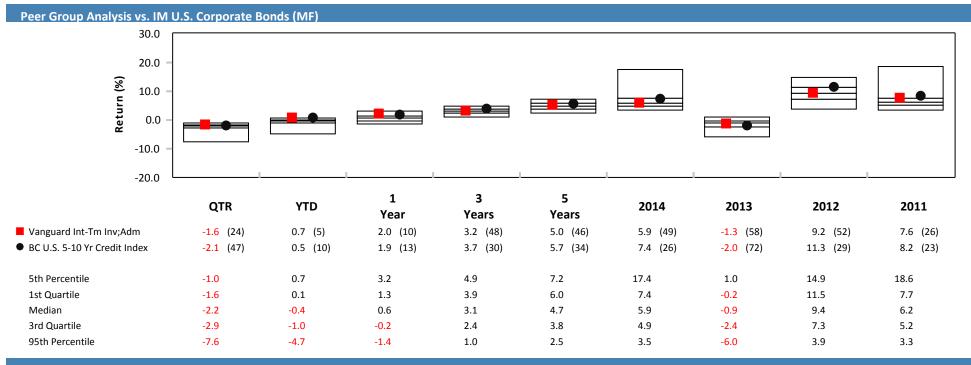
# **Estimated Fee Analysis - OPEB Plan**

# As of June 30, 2015

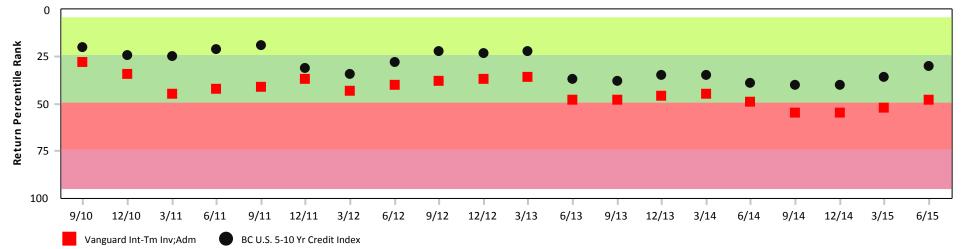
| MANAGER  | TARGET ALLOCATION                                       | FEE SCHEDULE  |
|--|---|---|
| Vanguard Interm-Term Investment-Grade<br>BlackRock Strategic Income Opportunities Fund<br>Eaton Vance Floating Rate Fund<br>Templeton Global Bond Fund<br>Vanguard Short Term Invst Grade Adm<br>Vanguard Short Term Inflation Protection<br>Vanguard Total Stock Mkt Idx Adm<br>Vanguard Total International Stock<br>American Funds EuroPacific Growth R6 Fund | 15.0%<br>5.0%<br>5.0%<br>5.0%<br>5.0%<br>30.0%<br>10.0% | 0.10%<br>0.64%<br>0.74%<br>0.63%<br>0.10%<br>0.10%<br>0.05%<br>0.14%<br>0.49% |
| Vanguard REIT Index AVERAGE WEIGHTED FEE   | 5.0%  | 0.12%<br><b>0.21%</b>   |

DISCLOSURE: The figures on this page have been obtained from sources we deem to be reliable. FIA has not independently verified this information.

## Vanguard Int-Tm Inv;Adm

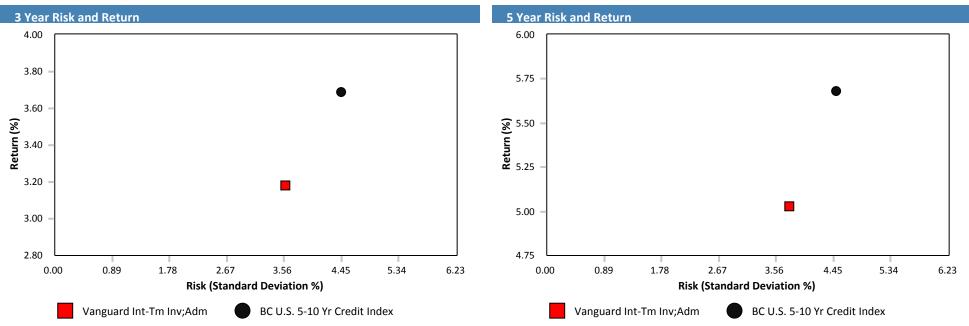


3 Year Rolling Percentile Ranking vs. IM U.S. Corporate Bonds (MF)

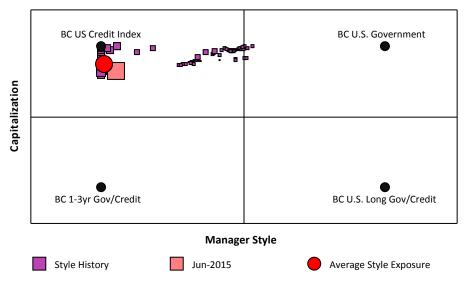


Vanguard Int-Tm Inv;Adm

### As of June 30, 2015



#### Style Map - 3 Years



MPT Statistics vs. BC U.S. 5-10 Yr Credit Index

|                                  | 3     | 5     |
|----------------------------------|-------|-------|
|                                  | Years | Years |
| Return                           | 3.2   | 5.0   |
| Standard Deviation               | 3.6   | 3.8   |
| vs. BC U.S. 5-10 Yr Credit Index |       |       |
| Alpha                            | 0.2   | 0.3   |
| Beta                             | 0.8   | 0.8   |
| R-Squared                        | 1.0   | 1.0   |
| Consistency                      | 38.9  | 36.7  |
| Up Market Capture                | 80.9  | 84.7  |
| Down Market Capture              | 76.7  | 79.4  |
| vs. 90 Day U.S. Treasury Bill    |       |       |
| Sharpe Ratio                     | 0.9   | 1.3   |
|                                  |       |       |

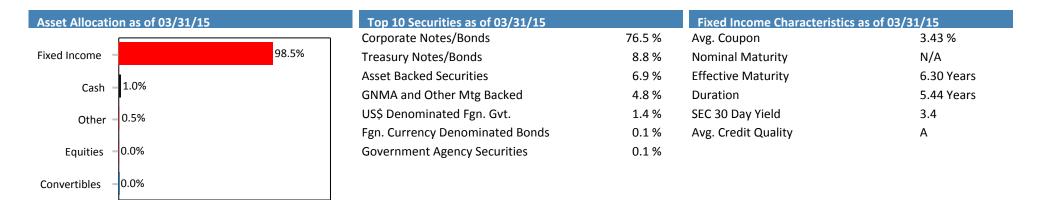
#### Vanguard Int-Tm Inv;Adm

Report Date June 30, 2015

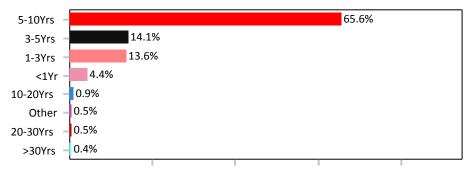
| Mutual Fund Inform   | mation   |                     |                  |
|----------------------|--|---------------------|------------------|
| Fund Name :          | Vanguard Fixed Income Securities Funds: Vanguard Intermediate-<br>Term Investment-Grade Fund; Admiral Shares | Portfolio Assets :  | \$20,070 Million |
| Fund Family :        | Vanguard Group Inc   | Fund Assets :       | \$17,168 Million |
| Ticker :             | VFIDX  | Portfolio Manager : |                  |
| Inception Date :     | 02/12/2001   | PM Tenure :         | 20012008         |
| Portfolio Turnover : | 88%  |                     |                  |

#### Fund Investment Policy

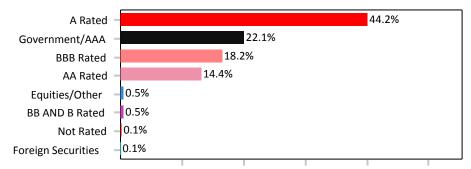
The Fund seeks to provide a high level of income consistent with the maintenance of principal and liquidity by investing primarily in investment grade corporate bonds with expected average maturities of 5-10 years.



#### Maturity Distribution as of 03/31/15



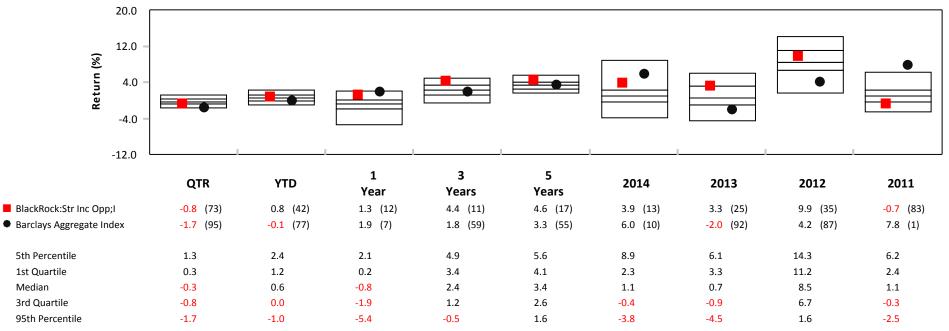
#### Quality Allocation as of 03/31/15



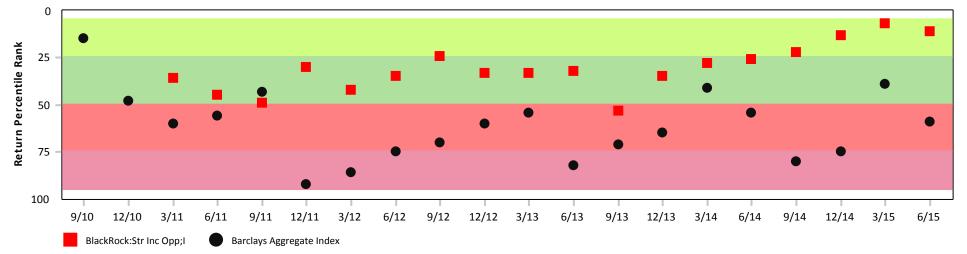
BlackRock:Str Inc Opp;I

As of June 30, 2015



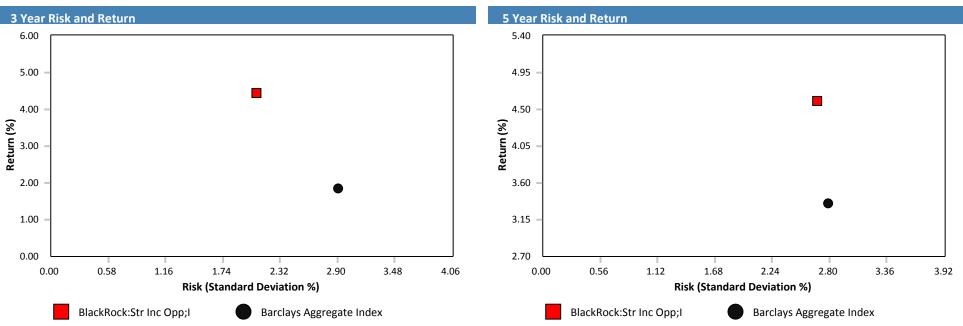


#### 3 Year Rolling Percentile Ranking vs. IM Alternative Credit Focus (MF)

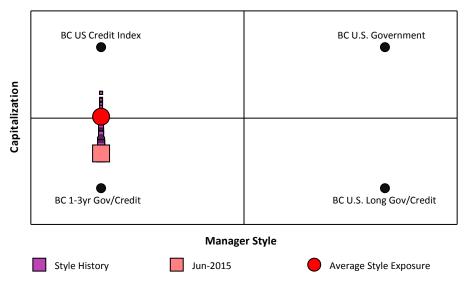


# BlackRock:Str Inc Opp;I

As of June 30, 2015



Style Map - 3 Years



MPT Statistics vs. Barclays Aggregate Index

|                               | 3     | 5     |
|-------------------------------|-------|-------|
|                               | Years | Years |
| Return                        | 4.4   | 4.6   |
| Standard Deviation            | 2.1   | 2.7   |
| vs. Barclays Aggregate Index  |       |       |
| Alpha                         | 3.7   | 3.6   |
| Beta                          | 0.4   | 0.3   |
| R-Squared                     | 0.3   | 0.1   |
| Consistency                   | 61.1  | 56.7  |
| Up Market Capture             | 86.1  | 79.7  |
| Down Market Capture           | -2.9  | 0.9   |
| vs. 90 Day U.S. Treasury Bill |       |       |
| Sharpe Ratio                  | 2.1   | 1.7   |
|                               |       |       |

#### BlackRock:Str Inc Opp;I

Report Date June 30, 2015

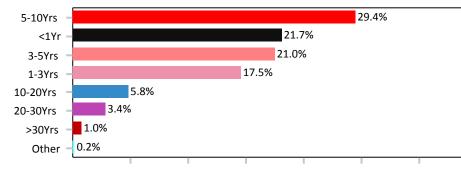
| Mutual Fund Infor    | mation  |                     |                  |
|----------------------|---|---------------------|------------------|
| Fund Name :          | BlackRock Funds II: BlackRock Strategic Income Opportunities<br>Portfolio; Institutional Shares | Portfolio Assets :  | \$30,722 Million |
| Fund Family :        | BlackRock Inc   | Fund Assets :       | \$23,435 Million |
| Ticker :             | BSIIX   | Portfolio Manager : | Rieder/Miller    |
| Inception Date :     | 02/05/2008  | PM Tenure :         | 20102011         |
| Portfolio Turnover : | 1,396%  |                     |                  |

#### Fund Investment Policy

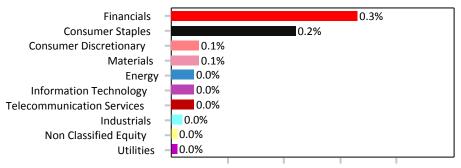
The Fund seeks total return as is consistent with the preservation of capital. The Fund will invest opportunistically across the spectrum of fixed income sectors and securities. Allocations to all sectors are unconstrained and the fund may invest in non-investment-grade, non-dollar-denominated and emerging markets.

| Asset Allocatio | n as of 03/31/15 | Top 10 Securities as of 03/31/15               |        | Fixed Income Characteristic | as of 06/30/12 |
|-----------------|------------------|--|--------|-----------------------------|----------------|
| 1               |                  | BlackRock Liquidity TempFund;Institutional     | 17.9 % | Avg. Coupon                 | N/A            |
| Cash –          | 119.1%           | iShares iBoxx \$ High Yield Corporate Bond ETF | 1.2 %  | Nominal Maturity            | N/A            |
|                 | 80.4%            | SPDR Gold Shares                               | 1.0 %  | Effective Maturity          | 6.10 Years     |
| Fixed Income –  | 80.4%            | iShares Gold Trust                             | 0.4 %  | Duration                    | 1.40 Years     |
| Equities –      | 0.8%             | Citigroup Capital XIII PFD                     | 0.2 %  | SEC 30 Day Yield            | 4.4            |
| _quities        |                  | GMAC Capital Trust I PFD                       | 0.2 %  | Avg. Credit Quality         | А              |
| Convertibles –  | 0.0%             | Apple Inc ORD                                  | 0.0    |                             |                |
|                 |                  | LyondellBasell Industries NV ORD               | 0.0    |                             |                |
| Other –         | 100.3 %          | Volkswagen AG PFD                              | 0.0    |                             |                |
|                 |                  | Barclays PLC ORD                               | 0.0    |                             |                |

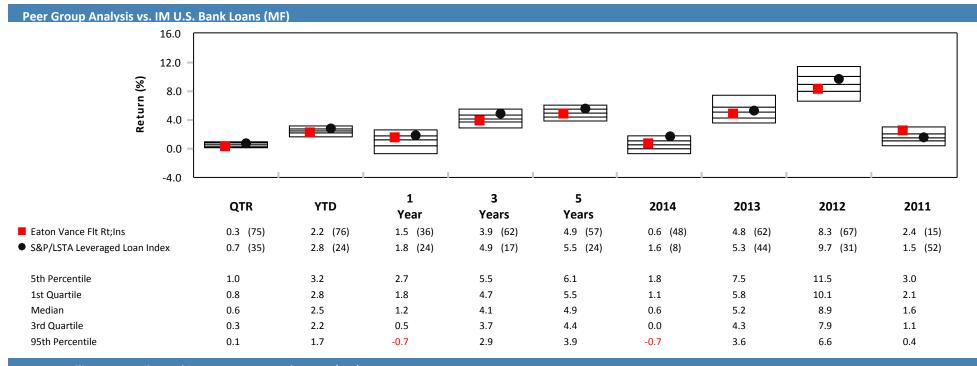
#### Maturity Distribution as of 06/30/12



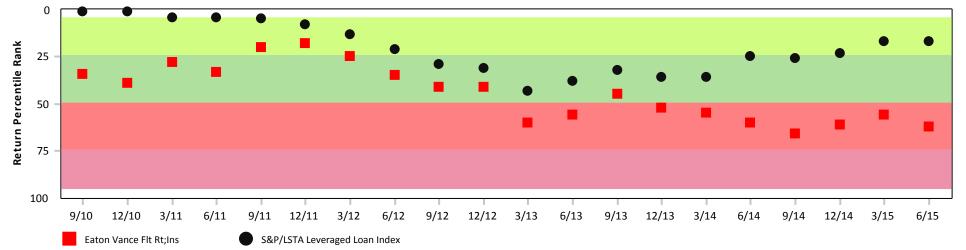
#### Quality Allocation as of 03/31/15



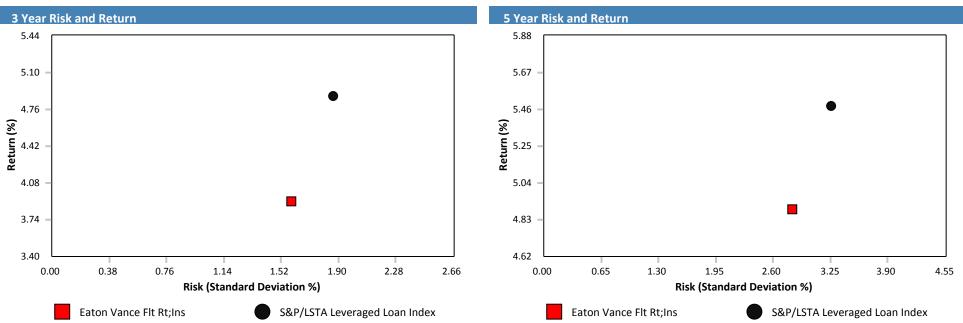
## Eaton Vance Flt Rt;Ins



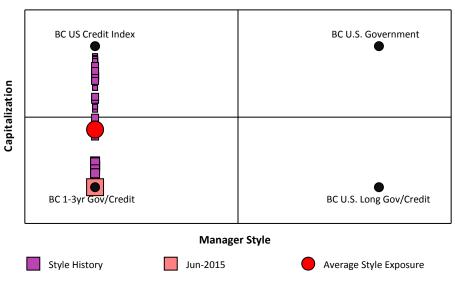
3 Year Rolling Percentile Ranking vs. IM U.S. Bank Loans (MF)



# Eaton Vance Flt Rt;Ins







|                               | 3     | 5<br>Years |
|-------------------------------|-------|------------|
|                               | Years |            |
| eturn                         | 3.9   | 4.9        |
| indard Deviation              | 1.6   | 2.8        |
| S&P/LSTA Leveraged Loan Index |       |            |
| ha                            | -0.1  | 0.2        |
| a                             | 0.8   | 0.9        |
| quared                        | 0.9   | 1.0        |
| nsistency                     | 27.8  | 35.0       |
| Market Capture                | 80.4  | 87.4       |
| wn Market Capture             | 80.7  | 81.4       |
| 90 Day U.S. Treasury Bill     |       |            |
| rpe Ratio                     | 2.4   | 1.7        |

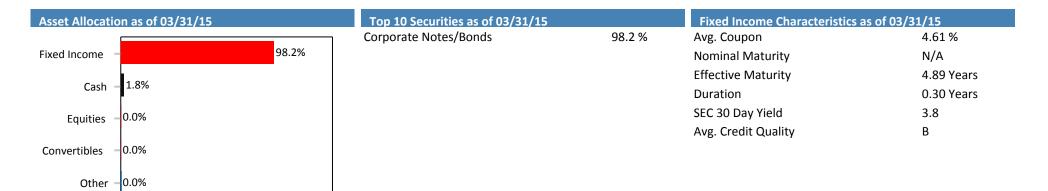
#### Eaton Vance Flt Rt;Ins

Report Date June 30, 2015

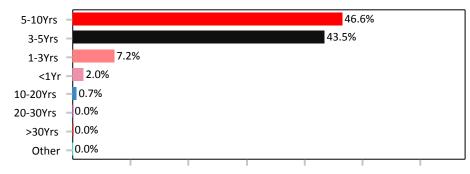
| Mutual Fund Infor    | mation  |                     |                 |
|----------------------|---|---------------------|-----------------|
| Fund Name :          | Eaton Vance Mutual Funds Trust: Eaton Vance Floating-Rate Fund;<br>Institutional Shares | Portfolio Assets :  | \$9,704 Million |
| Fund Family :        | Eaton Vance Management  | Fund Assets :       | \$6,946 Million |
| Ticker :             | EIBLX   | Portfolio Manager : | Page/Russ       |
| Inception Date :     | 01/30/2001  | PM Tenure :         | 20012007        |
| Portfolio Turnover : | 34%   |                     |                 |

#### Fund Investment Policy

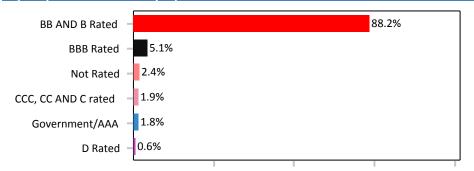
The Fund seeks to provide a high level of current income. To do so, the Fund invests primarily in senior secured floating rate loans and high yield, high risk corporate bonds. The Fund invests at least 65% of its assets in debt obligations issued in connection with corporations who are restructuring.



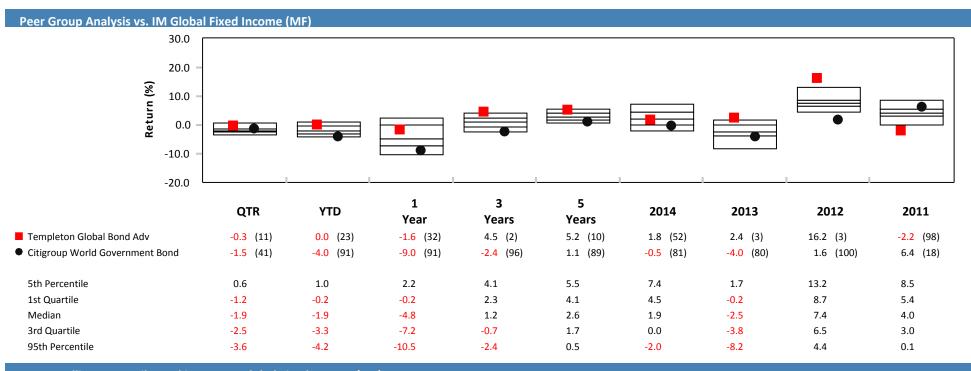
#### Maturity Distribution as of 03/31/15



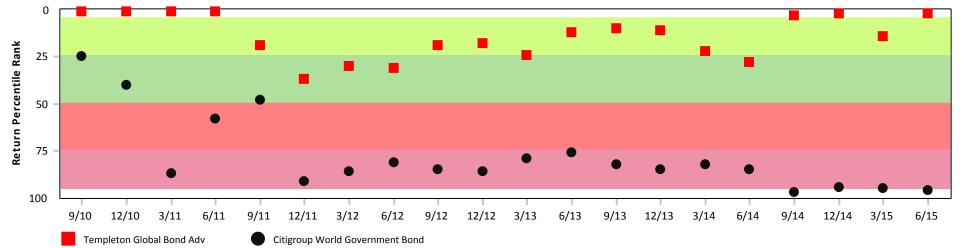
#### Quality Allocation as of 03/31/15



### **Templeton Global Bond Adv**

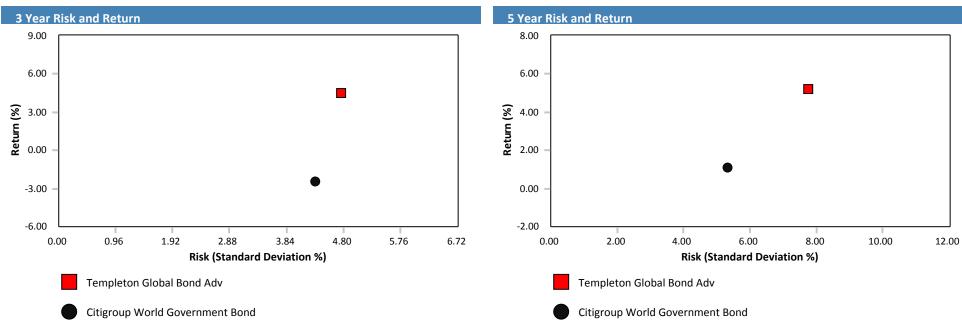


3 Year Rolling Percentile Ranking vs. IM Global Fixed Income (MF)

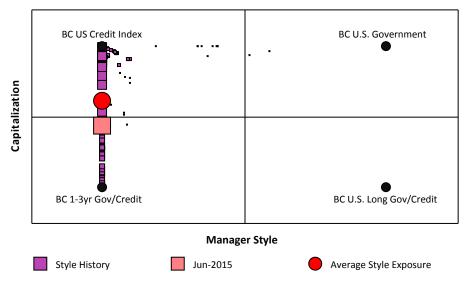


Templeton Global Bond Adv

As of June 30, 2015



#### Style Map - 3 Years



|                                     | 3     | 5     |
|-------------------------------------|-------|-------|
|                                     | Years | Years |
| Return                              | 4.5   | 5.2   |
| Standard Deviation                  | 4.8   | 7.8   |
| vs. Citigroup World Government Bond |       |       |
| Alpha                               | 5.8   | 4.7   |
| Beta                                | 0.5   | 0.7   |
| R-Squared                           | 0.2   | 0.2   |
| Consistency                         | 69.4  | 60.0  |
| Up Market Capture                   | 104.2 | 118.1 |
| Down Market Capture                 | 8.9   | 57.6  |
| vs. 90 Day U.S. Treasury Bill       |       |       |
| Sharpe Ratio                        | 0.9   | 0.7   |

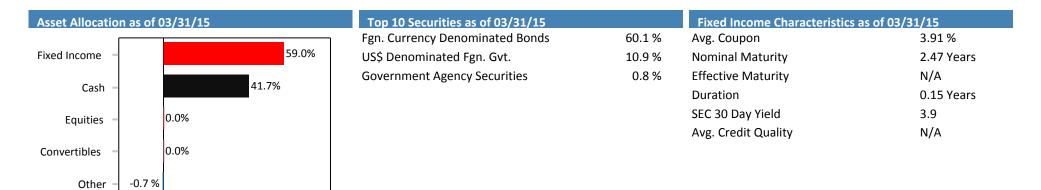
#### **Templeton Global Bond Adv**

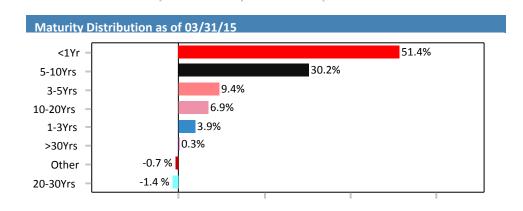
Report Date June 30, 2015

| Mutual Fund Infor    | mation  |                     |                  |
|----------------------|---|---------------------|------------------|
| Fund Name :          | Templeton Income Trust: Templeton Global Bond Fund; Advisor<br>Class Shares | Portfolio Assets :  | \$67,931 Million |
| Fund Family :        | Franklin Templeton Investments  | Fund Assets :       | \$36,513 Million |
| Ticker :             | TGBAX   | Portfolio Manager : | Hasenstab/Desai  |
| Inception Date :     | 01/02/1997  | PM Tenure :         | 20012011         |
| Portfolio Turnover : | 35%   |                     |                  |

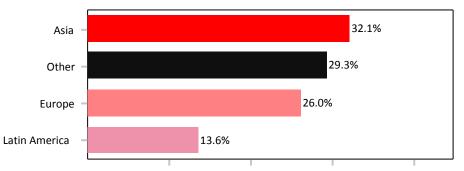
#### Fund Investment Policy

The Fund seeks current income with capital appreciation and growth of income by investing at least 80% of its net assets in "bonds." In addition, the Fund's assets will be invested in issuers located in at least three countries including the U.S.

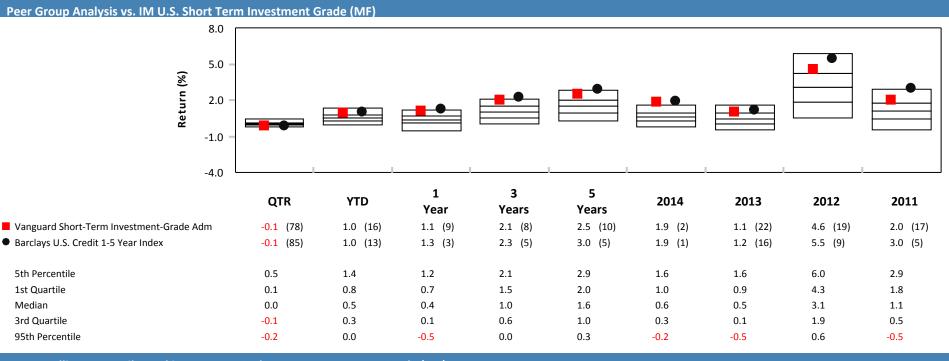




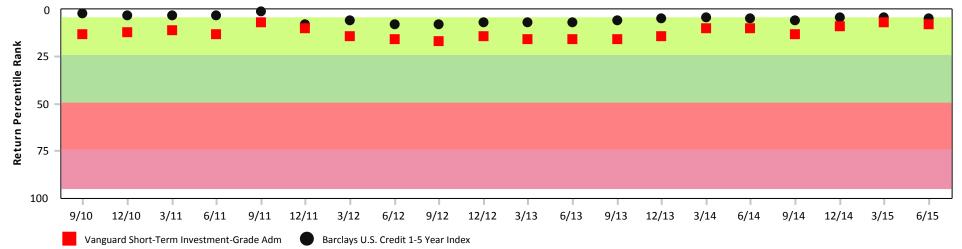
#### Quality Allocation as of 03/31/15



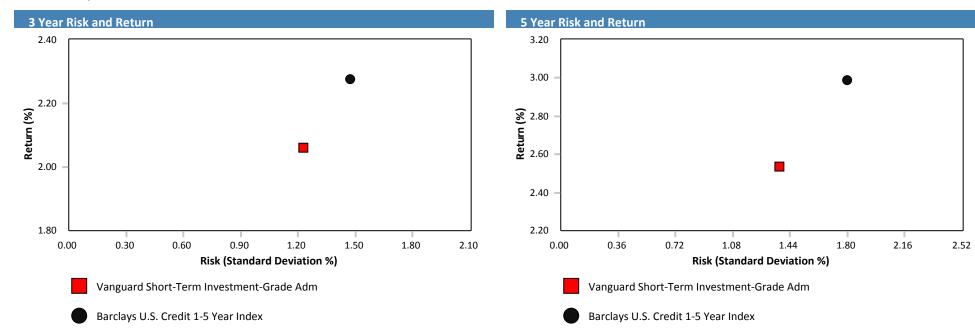
# Vanguard Short-Term Investment-Grade Adm



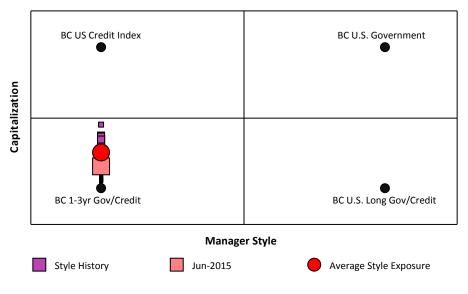
3 Year Rolling Percentile Ranking vs. IM U.S. Short Term Investment Grade (MF)



#### Vanguard Short-Term Investment-Grade Adm As of June 30, 2015



#### Style Map - 3 Years



|   | 3     | 5     |
|---|-------|-------|
|   | Years | Years |
| Return                                  | 2.1   | 2.5   |
| Standard Deviation                      | 1.2   | 1.4   |
| vs. Barclays U.S. Credit 1-5 Year Index |       |       |
| Alpha                                   | 0.2   | 0.3   |
| Beta                                    | 0.8   | 0.7   |
| R-Squared                               | 1.0   | 1.0   |
| Consistency                             | 47.2  | 36.7  |
| Up Market Capture                       | 85.4  | 80.5  |
| Down Market Capture                     | 76.0  | 71.2  |
| vs. 90 Day U.S. Treasury Bill           |       |       |
| Sharpe Ratio                            | 1.6   | 1.8   |

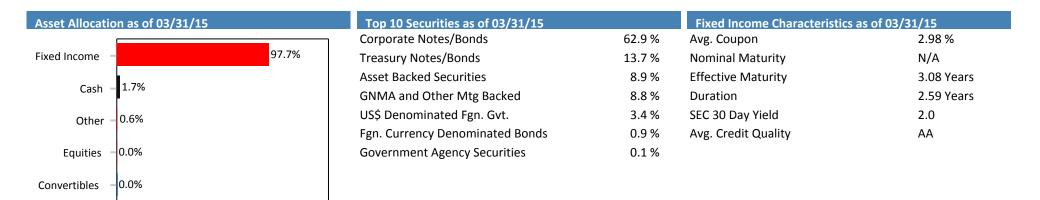
#### Vanguard Short-Term Investment-Grade Adm

#### Report Date June 30, 2015

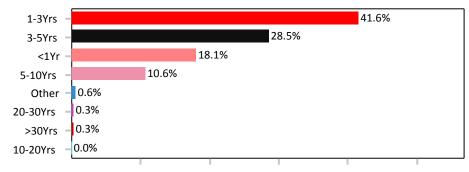
| Mutual Fund Infor    | mation   |                     |                   |
|----------------------|--|---------------------|-------------------|
| Fund Name :          | Vanguard Fixed Income Securities Funds: Vanguard Short-Term<br>Investment-Grade Fund; Admiral Shares | Portfolio Assets :  | \$53,239 Million  |
| Fund Family :        | Vanguard Group Inc   | Fund Assets :       | \$34,176 Million  |
| Ticker :             | VFSUX  | Portfolio Manager : | Auwaerter/Nassour |
| Inception Date :     | 02/12/2001   | PM Tenure :         | 20012008          |
| Portfolio Turnover : | 79%  |                     |                   |

#### Fund Investment Policy

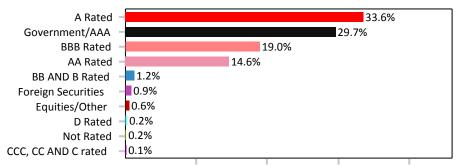
The Fund seeks a high level of current income and capital appreciation by investing primarily in investment-grade fixed income securities that have an average maturity of one to three years.



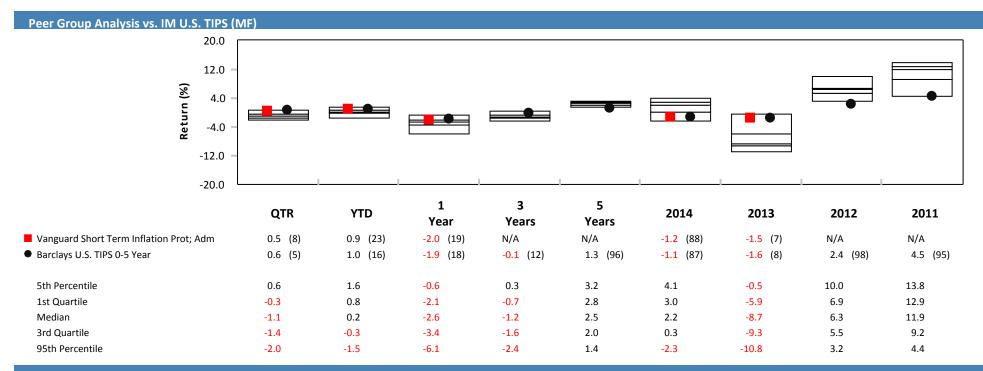
#### Maturity Distribution as of 03/31/15



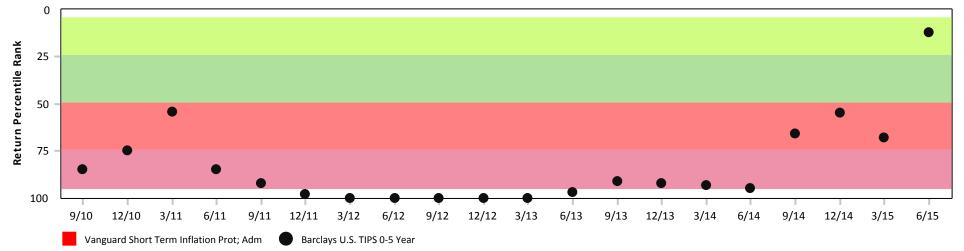
#### Quality Allocation as of 03/31/15



#### Vanguard Short Term Inflation Prot; Adm As of June 30, 2015



#### 3 Year Rolling Percentile Ranking vs. IM U.S. TIPS (MF)



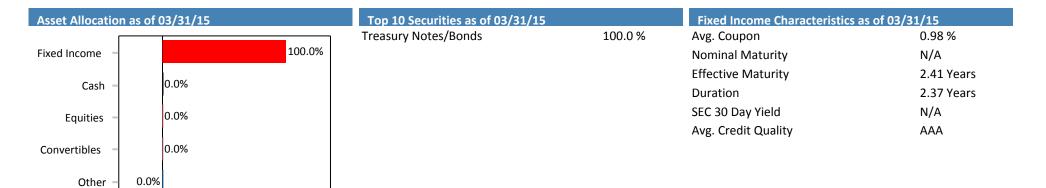
#### Vanguard Short Term Inflation Prot; Adm

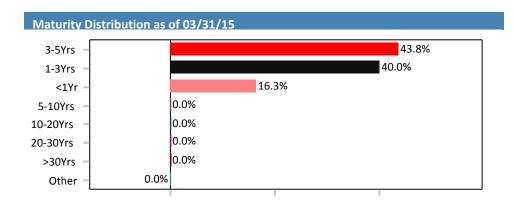
#### As of June 30, 2015

| Mutual Fund Information |   |                     |                             |  |  |  |
|-------------------------|---|---------------------|-----------------------------|--|--|--|
| Fund Name :             | Vanguard Malvern Funds: Vanguard Short-Term Inflation-Protected Securities Index Fund; Admiral Class Shares | Portfolio Assets :  | \$11,634 Million            |  |  |  |
| Fund Family :           | Vanguard Group Inc  | Fund Assets :       | \$1,543 Million             |  |  |  |
| Ticker :                | VTAPX   | Portfolio Manager : | Barrickman/Wright-Casparius |  |  |  |
| Inception Date :        | 10/16/2012  | PM Tenure :         | 20122012                    |  |  |  |
| Portfolio Turnover :    | 18%   |                     |                             |  |  |  |

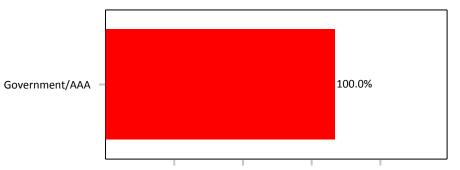
#### Fund Investment Policy

The Fund seeks to track the performance of a benchmark index, Barclays U.S. Treasury Inflation-Protected Securities (TIPS) 0-5 Year Index, that measures the investment return of inflation-protected public obligations of the U.S. Treasury with remaining maturities of less than five years.

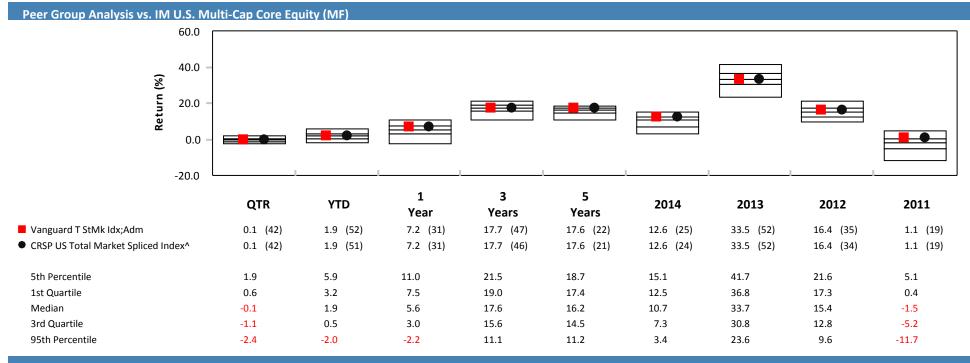




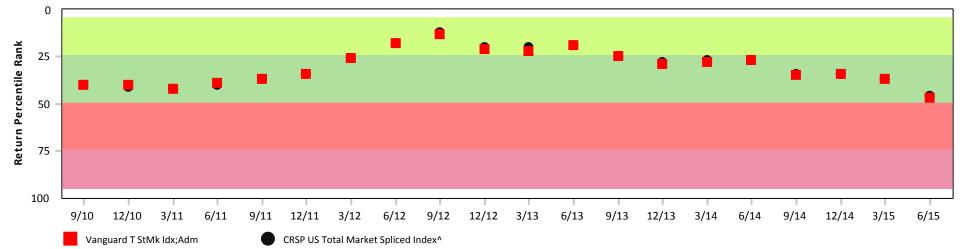
#### Quality Allocation as of 03/31/15



#### Vanguard T StMk Idx;Adm

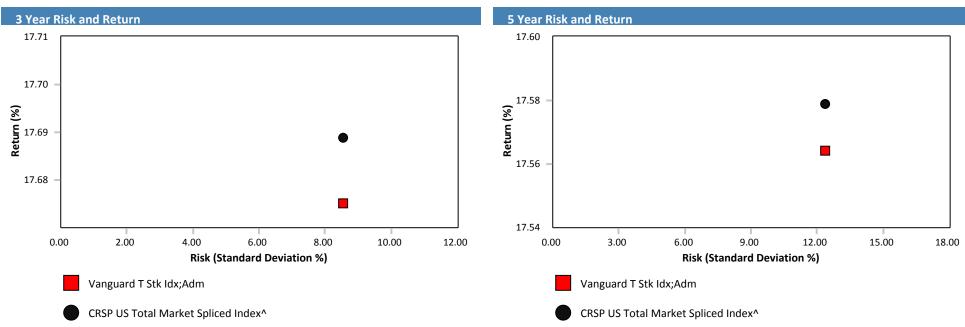


3 Year Rolling Percentile Ranking vs. IM U.S. Multi-Cap Core Equity (MF)

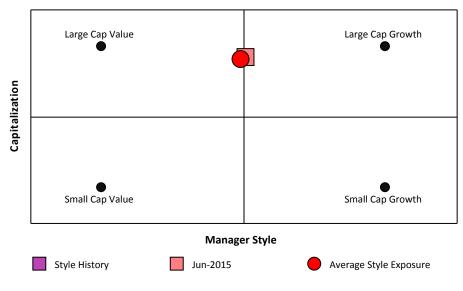


# Vanguard T Stk Idx;Adm

As of June 30, 2015



#### Style Map - 3 Years



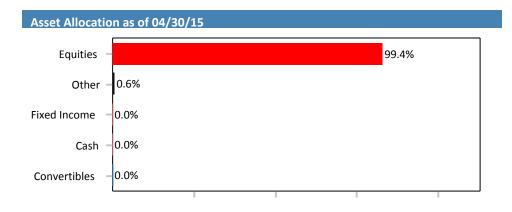
|  | 3     | 5<br>Years |
|--|-------|------------|
|  | Years |            |
| Return                                 | 17.7  | 17.6       |
| Standard Deviation                     | 8.6   | 12.4       |
| vs. CRSP US Total Market Spliced Index | ٨     |            |
| Alpha                                  | 0.0   | 0.0        |
| Beta                                   | 1.0   | 1.0        |
| R-Squared                              | 1.0   | 1.0        |
| Consistency                            | 55.6  | 51.7       |
| Up Market Capture                      | 100.0 | 100.0      |
| Down Market Capture                    | 100.1 | 100.1      |
| vs. 90 Day U.S. Treasury Bill          |       |            |
| Sharpe Ratio                           | 1.9   | 1.4        |

#### Vanguard T Stk Idx;Adm

Report Date June 30, 2015

| Mutual Fund Infor       | mation  |                     |                    |  |
|-------------------------|---|---------------------|--------------------|--|
| Fund Name :             | Vanguard Index Funds: Vanguard Total Stock Market Index Fund;<br>Admiral Class Shares | Portfolio Assets :  | \$418,066 Million  |  |
| Fund Family :           | Vanguard Group Inc  | Fund Assets :       | \$125,468 Million  |  |
| Ticker :                | VTSAX   | Portfolio Manager : | Gerard C. O'Reilly |  |
| Inception Date :        | 11/13/2000  | PM Tenure :         | 2000               |  |
| Portfolio Turnover : 3% |   |                     |                    |  |
| Fund Investment Policy  |   |                     |                    |  |
|                         |   |                     |                    |  |

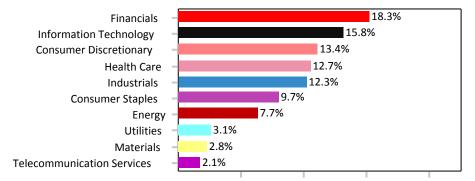
The Fund seeks to track the performance of a benchmark index that measures the investment return of the overall stock market. The Fund employs a "passive management" approach designed to track the performance of the CRSP US Total Market Index.



| Top 10 Securities as of 04/30/15 |       |
|----------------------------------|-------|
| Apple Inc ORD                    | 3.2 % |
| Exxon Mobil Corp ORD             | 1.6 % |
| Microsoft Corp ORD               | 1.6 % |
| Wells Fargo & Co ORD             | 1.2 % |
| Johnson & Johnson ORD            | 1.2 % |
| General Electric Co ORD          | 1.2 % |
| Berkshire Hathaway Inc ORD       | 1.1 % |
| JPMorgan Chase & Co ORD          | 1.0 % |
| Procter & Gamble Co ORD          | 0.9 % |
| Pfizer Inc ORD                   | 0.9 % |
|                                  |       |

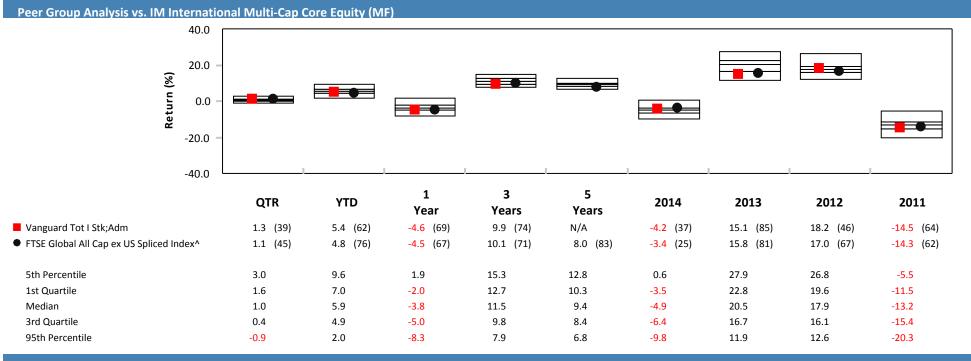
| Equity Characteristics as of 04/30/15 |                   |  |  |
|---------------------------------------|-------------------|--|--|
| Total Securities                      | 3,801             |  |  |
| Avg. Market Cap                       | \$106,937 Million |  |  |
| P/E                                   | 24.6              |  |  |
| P/B                                   | 5.4               |  |  |
| Div. Yield                            | 2.4%              |  |  |
| Annual EPS                            | 11.7              |  |  |
| 5Yr EPS                               | 15.4              |  |  |
| 3Yr EPS Growth                        | 12.1              |  |  |

#### Sector Allocation as of 04/30/15

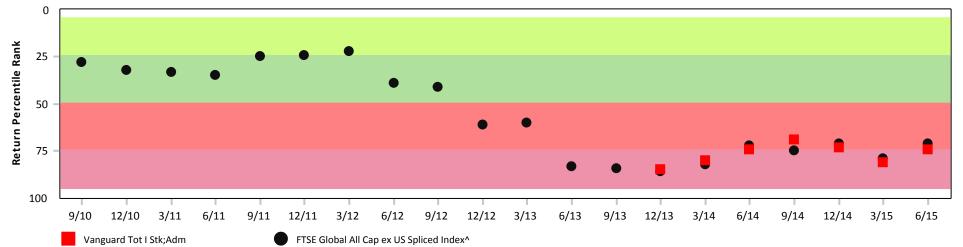


Vanguard Tot I Stk;Adm

As of June 30, 2015

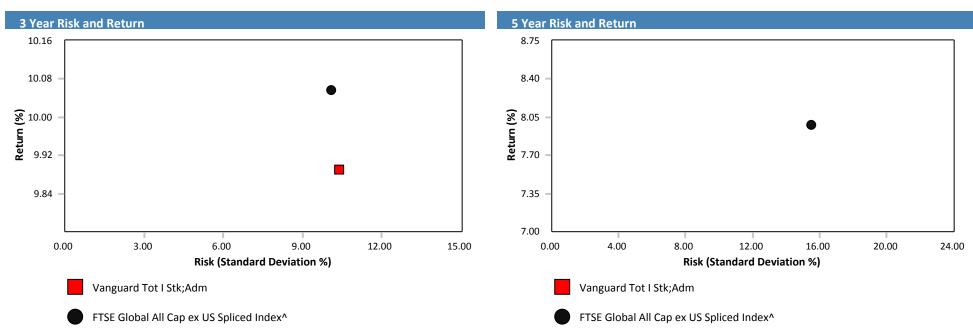


3 Year Rolling Percentile Ranking vs. IM International Multi-Cap Core Equity (MF)

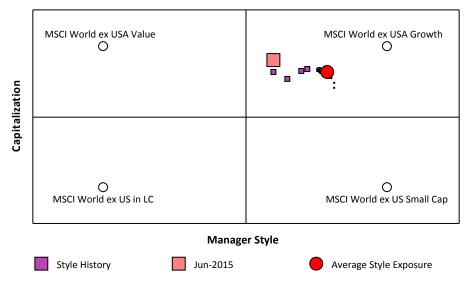


## Vanguard Tot I Stk;Adm

As of June 30, 2015



#### Style Map - 3 Years



MPT Statistics vs. FTSE Global All Cap ex US Spliced Index^

|  | 3     | 5     |  |  |
|--|-------|-------|--|--|
|  | Years | Years |  |  |
| Return   | 9.9   | N/A   |  |  |
| Standard Deviation                                       | 10.4  | N/A   |  |  |
| vs. FTSE Global All Cap ex US Spliced Index <sup>^</sup> |       |       |  |  |
| Alpha  | -0.3  | N/A   |  |  |
| Beta   | 1.0   | N/A   |  |  |
| R-Squared  | 1.0   | N/A   |  |  |
| Consistency  | 50.0  | N/A   |  |  |
| Up Market Capture  | 100.8 | N/A   |  |  |
| Down Market Capture                                      | 103.0 | N/A   |  |  |
| vs. 90 Day U.S. Treasury Bill                            |       |       |  |  |
| Sharpe Ratio   | 1.0   | N/A   |  |  |

### Vanguard Tot I Stk;Adm

Report Date June 30, 2015

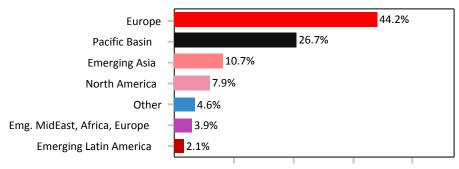
|                         | •   |                     |                   |  |
|-------------------------|---|---------------------|-------------------|--|
| Mutual Fund Information |   |                     |                   |  |
| Fund Name :             | Vanguard STAR Funds: Vanguard Total International Stock Index | Portfolio Assets :  | \$169,250 Million |  |
|                         | Fund; Admiral Shares  |                     |                   |  |
| Fund Family :           | Vanguard Group Inc  | Fund Assets :       | \$37,098 Million  |  |
| Ticker :                | VTIAX   | Portfolio Manager : | Michael Perre     |  |
| Inception Date :        | 11/29/2010  | PM Tenure :         | 2010              |  |
| Portfolio Turnover :    | 3%  |                     |                   |  |

#### Fund Investment Policy

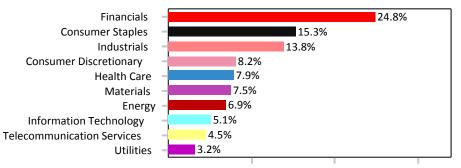
The Fund seeks to track the performance of the FTSE Global All Cap ex US Index, a free-float-adjusted market capitalization weighted index designed to measure equity market performance of companies located in developed and emerging markets, excluding the United States.

| Asset Allocation as of 04/30/15 |       | Top 10 Securities as of 04/30/15 |       | Top 5 Countries as of 04/30/15       |                  |
|---------------------------------|-------|----------------------------------|-------|--------------------------------------|------------------|
|                                 |       | Nestle SA ORD                    | 1.1 % | Japan                                | 16.3 %           |
| Equities –                      | 98.5% | Novartis AG ORD                  | 1.1 % | United Kingdom                       | 12.6 %           |
| <b>e</b>                        | 1 49/ | Roche Holding AG ORD             | 0.9 % | Canada                               | 6.7 %            |
| Other –                         | 1.4%  | HSBC Holdings PLC ORD            | 0.9 % | Switzerland                          | 6.3 %            |
| Fixed Income                    | 0.1%  | Toyota Motor Corp ORD            | 0.8 % | France                               | 6.0 %            |
|                                 |       | Samsung Electronics Co Ltd ORD   | 0.6 % | Equity Characteristics as of 04/30/1 | .5               |
| Cash –                          | 0.0%  | BP PLC ORD                       | 0.6 % | Total Securities                     | 5,798            |
|                                 |       | Royal Dutch Shell PLC ORD        | 0.6 % | Avg. Market Cap                      | \$51,628 Million |
| Convertibles –                  | 0.0%  | Bayer AG ORD                     | 0.5 % | P/E                                  | 23.3             |
|                                 |       | Sanofi SA ORD                    | 0.5 % | P/B                                  | 3.2              |
|                                 |       |                                  |       | Div. Yield                           | 2.8%             |





#### Sector Allocation as of 04/30/15

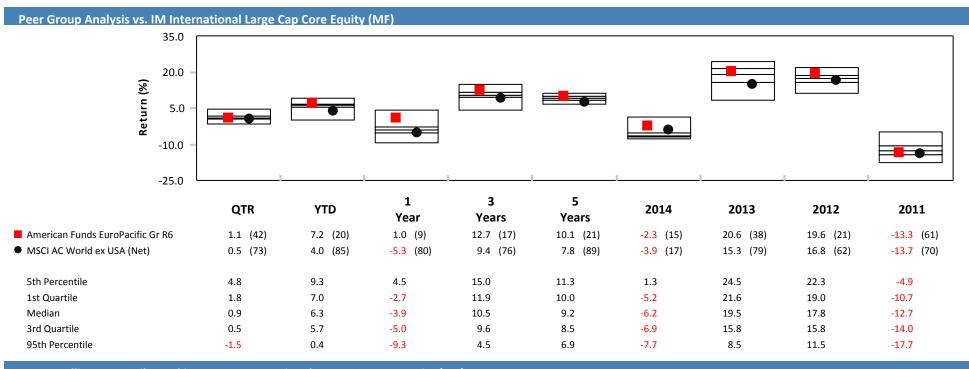


Annual EPS

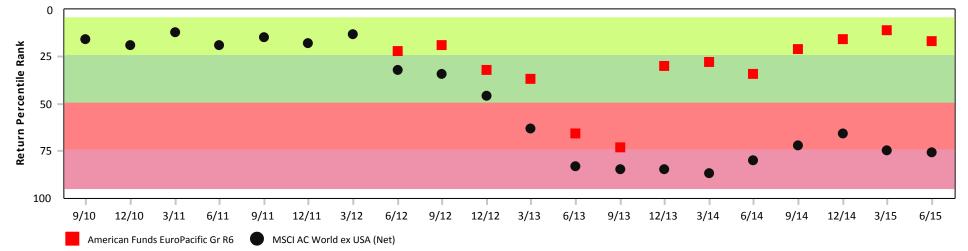
17.8

## American Funds EuroPacific Gr R6

As of June 30, 2015

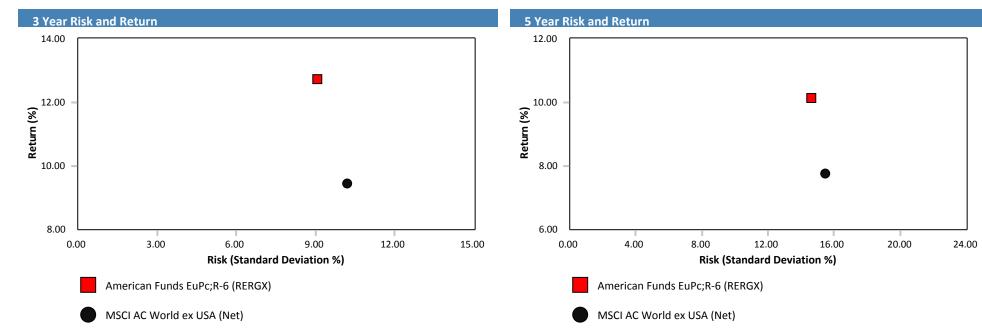


3 Year Rolling Percentile Ranking vs. IM International Large Cap Core Equity (MF)

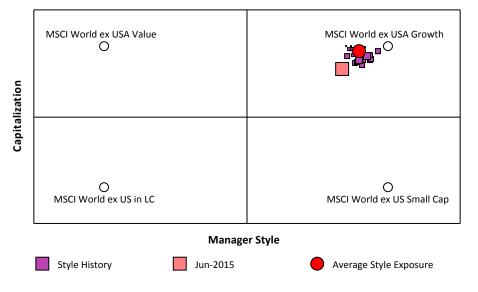


American Funds EuPc;R-6 (RERGX)

As of June 30, 2015



#### Style Map - 3 Years



| MPT Statistics vs. MSCI AC World ex USA (Net) |       |       |  |
|---|-------|-------|--|
|   | 3     | 5     |  |
|   | Years | Years |  |
| Return  | 12.7  | 10.1  |  |
| Standard Deviation                            | 9.1   | 14.7  |  |
| vs. MSCI AC World ex USA (Net)                |       |       |  |
| Alpha   | 4.5   | 2.8   |  |
| Beta  | 0.8   | 0.9   |  |
| R-Squared                                     | 0.9   | 1.0   |  |
| Consistency                                   | 52.8  | 48.3  |  |
| Up Market Capture                             | 97.4  | 96.5  |  |
| Down Market Capture                           | 66.6  | 82.3  |  |
| vs. 90 Day U.S. Treasury Bill                 |       |       |  |
| Sharpe Ratio                                  | 1.4   | 0.7   |  |
|   |       |       |  |

#### **American Funds EuroPacific Growth R6**

#### Report Date June 30, 2015

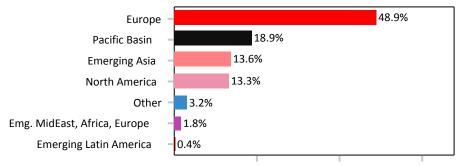
| Mutual Fund Infor    | mation                                    |                     |                   |
|----------------------|---|---------------------|-------------------|
| Fund Name :          | EuroPacific Growth Fund; Class R-6 Shares | Portfolio Assets :  | \$131,684 Million |
| Fund Family :        | American Funds                            | Fund Assets :       | \$40,262 Million  |
| Ticker :             | RERGX                                     | Portfolio Manager : | Team Managed      |
| Inception Date :     | 05/01/2009                                | PM Tenure :         |                   |
| Portfolio Turnover : | 28%                                       |                     |                   |

#### Fund Investment Policy

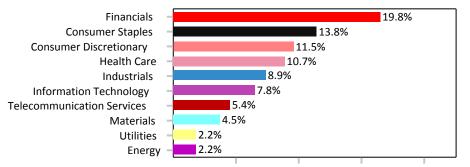
The Fund seeks to provide long-term growth of capital by investing in companies based outside the United States. The Fund Invests in companies based chiefly in Europe and the Pacific Basin, ranging from small firms to large corporations.

| Asset Allocation as of 03/31/15 |       | Top 10 Securities as of 03/31/15 |       | Top 5 Countries as of 03/31/15      |                  |
|---------------------------------|-------|----------------------------------|-------|-------------------------------------|------------------|
|                                 |       | Novo Nordisk A/S ORD             | 4.3 % | Japan                               | 12.1 %           |
| Equities -                      | 87.6% | Bayer AG ORD                     | 2.6 % | United Kingdom                      | 12.1 %           |
|                                 | 12.2% | Softbank Corp ORD                | 2.4 % | United States                       | 10.3 %           |
| Fixed Income                    | 12.2% | Novartis AG ORD                  | 2.4 % | France                              | 7.3 %            |
| Other -                         | 0.2%  | Prudential PLC ORD               | 1.8 % | India                               | 7.2 %            |
| other                           |       | Barclays PLC ORD                 | 1.7 % | Equity Characteristics as of 03/31/ | 15               |
| Cash -                          | 0.0%  | HDFC Bank Ltd ORD                | 1.5 % | Total Securities                    | 473              |
|                                 |       | Murata Manufacturing Co Ltd ORD  | 1.4 % | Avg. Market Cap                     | \$62,964 Million |
| Convertibles -                  | 0.0%  | AIA Group Ltd ORD                | 1.4 % | P/E                                 | 27.5             |
|                                 |       | Nintendo Co Ltd ORD              | 1.4 % | P/B                                 | 5.3              |
|                                 |       |                                  | 2,0   | Div. Yield                          | 1.9%             |





#### Sector Allocation as of 03/31/15

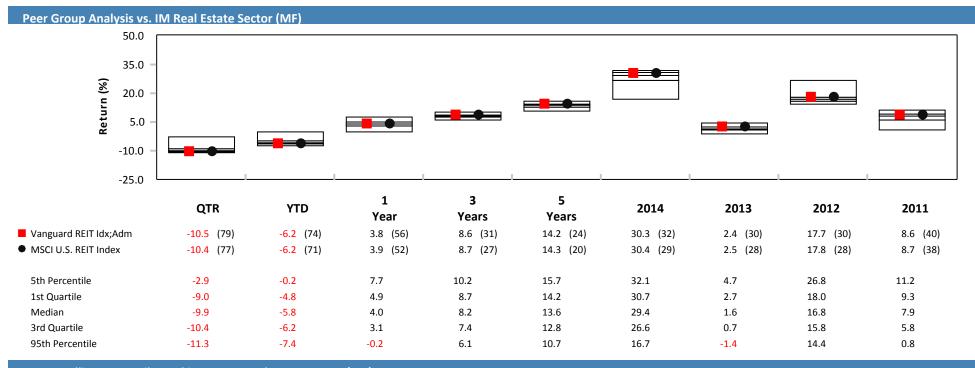


Annual EPS

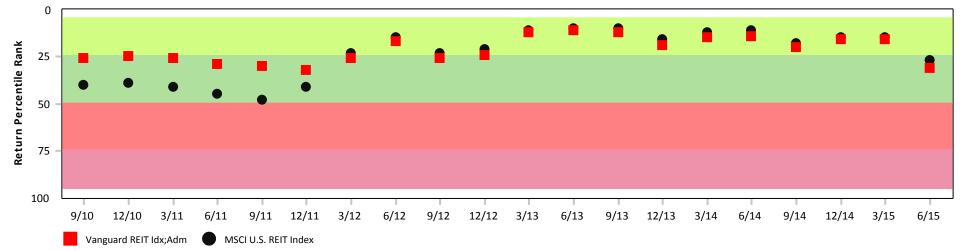
21.7

#### Vanguard REIT Idx;Adm

As of June 30, 2015

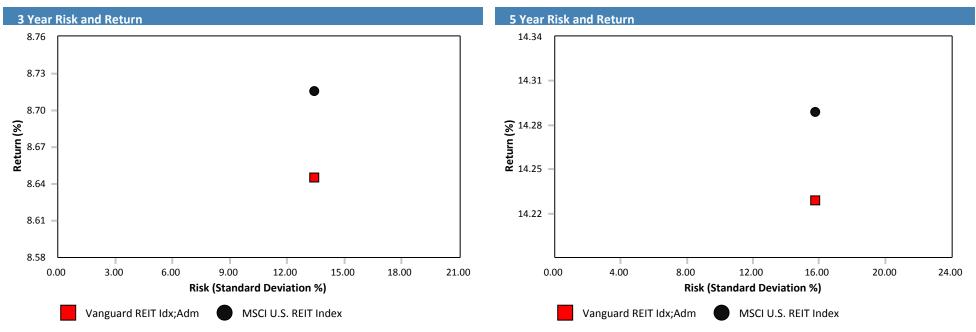


#### 3 Year Rolling Percentile Ranking vs. IM Real Estate Sector (MF)

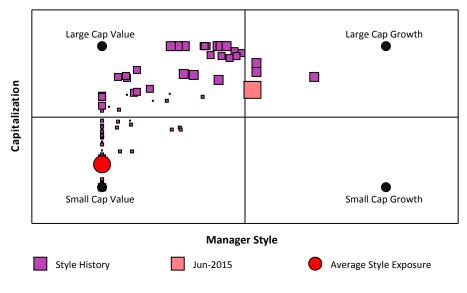


## Vanguard REIT Idx;Adm

As of June 30, 2015



#### Style Map - 3 Years



MPT Statistics vs. MSCI U.S. REIT Index

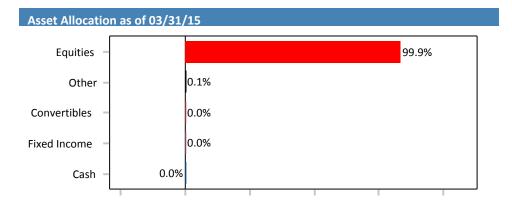
|                               | 3     | 5     |
|-------------------------------|-------|-------|
|                               | Years | Years |
| Return                        | 8.6   | 14.2  |
| Standard Deviation            | 13.5  | 15.8  |
| vs. MSCI U.S. REIT Index      |       |       |
| Alpha                         | -0.1  | -0.1  |
| Beta                          | 1.0   | 1.0   |
| R-Squared                     | 1.0   | 1.0   |
| Consistency                   | 22.2  | 28.3  |
| Up Market Capture             | 99.8  | 99.9  |
| Down Market Capture           | 100.2 | 100.1 |
| vs. 90 Day U.S. Treasury Bill |       |       |
| Sharpe Ratio                  | 0.7   | 0.9   |

### Vanguard REIT Idx;Adm

Report Date June 30, 2015

| Mutual Fund Infor      | mation   |                     |                    |  |
|------------------------|--|---------------------|--------------------|--|
| Fund Name :            | Vanguard Specialized Funds: Vanguard REIT Index Fund; Admiral Shares | Portfolio Assets :  | \$51,732 Million   |  |
| Fund Family :          | Vanguard Group Inc   | Fund Assets :       | \$14,709 Million   |  |
| Ticker :               | VGSLX  | Portfolio Manager : | Gerard C. O'Reilly |  |
| Inception Date :       | 11/12/2001   | PM Tenure :         | 2001               |  |
| Portfolio Turnover :   | 8%   |                     |                    |  |
| Fund Investment Policy |  |                     |                    |  |

The Fund seeks to track the investment performance of the Morgan Stanley REIT Index by investing at least 98% of its assets in stocks issued by real estate investment trusts.

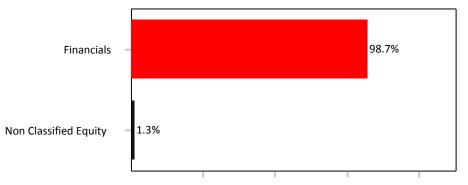


| Equity Characteristics as of 03/31/15 |                  |
|---------------------------------------|------------------|
| Total Securities                      | 144              |
| Avg. Market Cap                       | \$16,967 Million |
| P/E                                   | 42.5             |
| P/B                                   | 3.7              |
| Div. Yield                            | 3.6%             |
| Annual EPS                            | 45.3             |
| 5Yr EPS                               | 16.4             |
| 3Yr EPS Growth                        | 23.8             |
|                                       |                  |

#### Top 10 Securities as of 03/31/15

| Simon Property Group Inc ORD  | 8.5 % |
|-------------------------------|-------|
| Public Storage ORD            | 4.0 % |
| Health Care REIT Inc ORD      | 3.8 % |
| Equity Residential ORD        | 3.7 % |
| Ventas Inc ORD                | 3.3 % |
| AvalonBay Communities Inc ORD | 3.2 % |
| Prologis Inc ORD              | 3.0 % |
| Boston Properties Inc ORD     | 3.0 % |
| HCP Inc ORD                   | 2.8 % |
| Vornado Realty Trust ORD      | 2.6 % |
|                               |       |

#### Sector Allocation as of 03/31/15



## **Prospectus Links**

As of June 30, 2015

## FUND FAMILY

Blackrock American Funds Eaton Vance Templeton Vanguard

## WEB SITE

www.blackrock.com www.americanfunds.com www.eatonvance.com www.franklintempleton.com www.vanguard.com

## **Custom Index Descriptions**

**CRSP U.S. Large Cap Growth Spliced Index** – Following May 1, 2013: CRSP U.S. Large Cap Growth TR. Periods prior to May 1, 2013: MSCI U.S. Prime Market Growth.

**CRSP U.S. Large Cap Spliced Index** – Following February 1, 2013: CRSP U.S. Large Cap TR. Periods prior to February 1, 2013: MSCI U.S. Prime Market 750.

**CRSP U.S. Large Cap Value Spliced Index** – Following May 1, 2013: CRSP U.S. Large Cap Value TR. Periods prior to May 1, 2013: MSCI U.S. Prime Market Value.

**CRSP U.S. Mid Cap Growth Spliced Index** – Following May 1, 2013: CRSP U.S. Mid Cap Growth TR. Periods prior to May 1, 2013: MSCI U.S. Mid Cap Growth.

**CRSP U.S. Mid Cap Spliced Index** – Following February 1, 2013: CRSP U.S. Mid Cap TR. Periods prior to February 1, 2013: MSCI U.S. Mid Cap 450.

**CRSP U.S. Small Cap Growth Spliced Index** – Following May 1, 2013: CRSP U.S. Small Cap Growth TR. Periods prior to May 1, 2013:MSCI U.S. Small Cap Growth.

**CRSP U.S. Small Cap Spliced Index** – Following February 1, 2013: CRSP U.S. Small Cap TR. Periods prior to February 1, 2013: MSCI U.S. Small Cap 1750.

**CRSP U.S. Small Cap Value Spliced Index** – Following May 1, 2013: CRSP U.S. Small Cap Value TR. Periods prior to May 1, 2013: MSCI U.S. Small Cap Value.

**CRSP U.S. Total Market Spliced Index** – Following June 1, 2013: CRSP U.S. Total Market TR. Periods prior to June 1, 2003: MSCI U.S. Broad Market.

**FTSE Developed Asia Pacific Spliced Index** – Following April 1, 2013: FTSE Developed Asia Pacific. Periods prior to April 1, 2013: MSCI Pacific. **FTSE Developed Europe Spliced Index** – Following April 1, 2013: FTSE Developed Europe. Periods prior to April 1, 2013: MSCI Europe.

**FTSE Developed Europe Spliced Index** – Following April 1, 2013: FTSE Developed Europe. Fendus prior to April 1, 2013: Misci Europe. **FTSE Developed ex NA Spliced Index** – Following May 1, 2013: FTSE Developed ex North America. Periods prior to May 1, 2013: MSCI EAFE.

**FTSE Emerging Markets Spliced Index** – Following July 1, 2013: FTSE Emerging Markets (net). Periods Between February 1, 2013 and July 1, 2013: FTSE Emerging Markets.

**FTSE Global All Cap ex U.S. Spliced Index** – Following June 1, 2013: FTSE Global ex USA All Cap. Periods between January 1, 2011 and July 1, 2013: MSCI ACWI ex USA IMI ND. Periods prior to January 1, 2011: MSCI EAFE + EM ND USD.

MSCI AC World ex USA (net) Spliced Index – Following January 1, 2001: MSCI AC World ex USA (net). Prior to January 1, 2001: MSCI AC World ex USA.

**MSCI AC World ex USA Growth (net) Spliced Index** – Following January 1, 2001: MSCI AC World ex USA Growth (net). Periods between January 1, 1997 and January 1, 2001: MSCI AC World ex USA Growth. Periods prior to January 1, 1997: MSCI AC World ex USA.

MSCI AC World ex USA Value (net) Spliced Index – Following January 1, 2001: MSCI AC World ex USA Value (net). Periods between January 1, 1997 and January 1, 2001: MSCI AC World ex USA Value. Periods prior to January 1, 1997: MSCI AC World ex USA.

| Statistics          | Description   |
|---------------------|---|
| Sharpe Ratio        | Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return.<br>The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical<br>risk-adjusted performance.   |
| Alpha               | A measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. It is a measure of the portfolio's historical performance not explained by movements of the market, or a portfolio's non-systematic return.                                       |
| Beta                | <ul> <li>A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of a portfolio's<br/>non-diversifiable or systematic risk.</li> </ul>  |
| R-Squared           | The percentage of a portfolio's performance explained by the behavior of the appropriate benchmark. High<br>R-Square means a higher correlation of the portfolio's performance to the appropriate benchmark.  |
| Treynor Ratio       | Similar to Sharpe ratio, but focuses on beta rather than excess risk (standard deviation). Represents the excess rate of return over the risk free rate divided by the beta. The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical risk-adjusted performance. |
| Tracking Error      | <ul> <li>A measure of the standard deviation of a portfolio's performance relative to the performance of an appropriate<br/>market benchmark.</li> </ul>  |
| Information Ratio   | <ul> <li>Measured by dividing the active rate of return by the tracking error. The higher the Information Ratio, the more<br/>value-added contribution by the manager.</li> </ul>   |
| Consistency         | The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. The higher the consistency figure, the more value a manager has contributed to the product's performance.  |
| Excess Return       | Arithmetic difference between the managers return and the risk-free return over a specified time period.  |
| Active Return       | Arithmetic difference between the managers return and the benchmark return over a specified time period.  |
| Excess Risk         | A measure of the standard deviation of a portfolio's performance relative to the risk free return.  |
| Up Market Capture   | The ratio of average portfolio return over the benchmark during periods of positive benchmark return. Higher values indicate better product performance.  |
| Down Market Capture | The ratio of average portfolio return over the benchmark during periods of negative benchmark return. Lower values indicate better product performance.   |

# Fixed Income Considerations



Given the current level of investment grade corporate bond spreads and the outlook for interest rates, FIA recommends the following changes to the fixed income allocation.

These changes are designed to provide additional flexibility in the underlying mandates and temper the existing concentration in corporate bonds.

- Remove the Vanguard Intermediate Term Investment Grade Fund in favor of a more flexible core plus offering (Prudential Total Return)
- Remove the Vanguard Short Term Investment Grade Fund and allocate the proceeds to the existing unconstrained fixed income mandate via *BlackRock Strategic Income Opportunities*

|  | Duration   | SEC Yield | % Corporate Bonds |
|--|------------|-----------|-------------------|
| BlackRock Strategic Income<br>Opportunities    | 0.52 years | 2.98%     | 7%                |
| Prudential Total Return                        | 6.0 years  | 2.84%     | 46%               |
| Vanguard Intermediate Term<br>Investment Grade | 5.4 years  | 2.81%     | 93%               |
| Vanguard Short Term<br>Investment Grade        | 2.6 years  | 1.87%     | 63%               |

## TOWN OF WILTON OPEB PLAN

**Cash Flow Worksheet Proposed** 

Objective - Propose changes to fixed income portfolio allocation.

i.) Reallocate Vanguard Inter-Term Inv Grade to Prudential Total Return Q

ii.) Increase the target for BlackRock Strategic Income Opportunities from 5% to 10% (Source from liquidating Vanguard Short Term Investment Grade)

| FUND   | A/C Number | SYMBOL | CUSIP     | Liquidity | Balances as of 7/31/2015 | Current<br>Allocation | Current Target<br>Allocation | Proposed Target<br>Allocation | CASH FLOWS  | Resulting Balance R | esulting Allocation |
|--|------------|--------|-----------|-----------|--------------------------|-----------------------|------------------------------|-------------------------------|-------------|---------------------|---------------------|
| CASH AND CASH EQUIVALENTS                        |            |        |           |           |                          |                       |                              |                               |             |                     |                     |
| Wells Fargo Advantage MM                         | 25169600   | N/A    | N/A       | Т         | \$25,769                 | 0.5%                  | 0.00%                        | 0.00%                         | \$0         | \$25,769            | 0.5%                |
| Cash (Webster - estimate)*                       | N/A        | N/A    | N/A       | Т         | \$170,000                | 3.1%                  | 5.00%                        | 5.00%                         | \$0         | \$170,000           | 3.1%                |
| Total Cash and Cash Equivalents                  |            |        |           |           | <b>\$</b> 195,769        | 3.5%                  | 5.00%                        | 5.00%                         | <b>\$</b> 0 | <b>\$195,769</b>    | 3.5%                |
| FIXED INCOME                                     |            |        |           |           |                          |                       |                              |                               |             |                     |                     |
| Vanguard Inter-Term Inv Grade Adm                | 25169600   | VFIDX  | 922031810 | Daily T+1 | \$828,421                | 14.9%                 | 15.00%                       | 0.00%                         | (\$828,421) | <b>\$</b> 0         | 0.0%                |
| Prudential Total Return Q                        | 25169600   | PTRQX  | 74440B884 | Daily T+1 | <b>\$</b> 0              | 0.0%                  | 0.00%                        | 15.00%                        | \$828,421   | \$828,421           | 14.9%               |
| BlackRock Strategic Income Opportunities         | 25169600   | BSIIX  | 09256H286 | Daily T+1 | \$279,232                | 5.0%                  | 5.00%                        | 10.00%                        | \$277,010   | \$556,242           | 10.0%               |
| Eaton Vance Floating Rate Fund                   | 25169600   | EIBLX  | 277911491 | Daily T+1 | \$279,320                | 5.0%                  | 5.00%                        | 5.00%                         | \$0         | \$279,320           | 5.0%                |
| Templeton Global Bond Adv                        | 25169600   | TGBAX  | 880208400 | Daily T+1 | \$274,350                | 4.9%                  | 5.00%                        | 5.00%                         | <b>\$</b> 0 | \$274,350           | 4.9%                |
| Vanguard Short-Term Inv Grade Adm                | 25169600   | VFSUX  | 922031836 | Daily T+1 | \$277,010                | 5.0%                  | 5.00%                        | 0.00%                         | (\$277,010) | \$0                 | 0.0%                |
| Vanguard Short-Term Inflation Protection         | 25169600   | VTAPX  | 922020706 | Daily T+1 | \$277,265                | 5.0%                  | 5.00%                        | 5.00%                         | \$0         | \$277,265           | 5.0%                |
| Total Fixed Income                               |            |        |           | 2         | \$2,215,597              | 39.8%                 | 40.00%                       | 40.00%                        | \$0         | \$2,215,597         | 39.8%               |
| DOMESTIC EQUITY                                  |            |        |           |           |                          |                       |                              |                               |             |                     |                     |
| Vanguard Total Stock Market Index Admiral        | 25169600   | VTSAX  | 922908728 | Daily T+1 | \$1,724,025              | 31.0%                 | 30.00%                       | 30.00%                        | <b>\$</b> 0 | \$1,724,025         | 31.0%               |
| Total Domestic Equity                            |            |        |           |           | \$1,724,025              | 31.0%                 | 30.00%                       | 30.00%                        | <b>\$</b> 0 | <b>\$1,724,025</b>  | 31.0%               |
| INTERNATIONAL EQUITY                             |            |        |           |           |                          |                       |                              |                               |             |                     |                     |
| Vanguard Total International Stock Index Admiral | 25169600   | VTIAX  | 921909818 | Daily T+1 | \$568,542                | 10.2%                 | 10.00%                       | 10.00%                        | \$0         | \$568,542           | 10.2%               |
| American Funds EuroPacific Growth Fund           | 25169600   | RERGX  | 298706821 | Daily T+1 | \$576,988                | 10.4%                 | 10.00%                       | 10.00%                        | \$0         | \$576,988           | 10.4%               |
| Total International Equity                       |            |        |           |           | \$1,145,530              | 20.6%                 | 20.00%                       | 20.00%                        | <b>\$</b> 0 | \$1,145,530         | 20.6%               |
| REAL ESTATE                                      |            |        |           |           |                          |                       |                              |                               |             |                     |                     |
| Vanguard REIT Index Fund Admiral                 | 25169600   | VGSLX  | 921908877 | Daily T+1 | \$286,521                | 5.1%                  | 5.00%                        | 5.00%                         | \$0         | \$286,521           | 5.1%                |
| Total Real Estate                                |            |        |           |           | \$286,521                | 5.1%                  | 5.00%                        | 5.00%                         | <b>\$</b> 0 | \$286,521           | 5.1%                |
| PORTFOLIO TOTALS                                 |            |        |           |           | \$5,567,443              | 100.0%                | 100.0%                       | 100.0%                        | \$0         | \$5,567,443         | 100.0%              |

Source: Wells Fargo, Webster Bank

\* Webster Bank cash balance is estimated as of 7/7/15 per Sandy Dennies.

#### Please make changes noted above

You acknowledge and agree that you are solely responsible for issuing any instructions and implementing any transactions that may be necessary or appropriate in order to complete fund changes that we may recommend in light of your objectives and policies, performance by the investment managers and such other market conditions and factors which are deemed relevant. You understand and agree that our duties and responsibilities under this agreement do not include acting as your agent in connection with: (a) establishing or terminating client accounts with investment managers, (b) providing purchase or sale instructions to custodians, (c) providing investment or withdrawal instructions to mutual fund or other investment management companies, (d) providing or relaying wire transfer instructions relating to the settlement of transactions, or (e) advising on or voting proxies on your behalf. We shall not be liable to you for any failure relating to the issuance, delivery, accuracy or completeness of such instructions in effecting any such securities transactions approved by you in accordance with any rebalancing. You are responsible for verifying the accuracy of this information on your behalf nor can we assume responsibility for inaccurate or incomplete information. You understand that these transactions may not necessarily be performed simultaneously. There may be "isks to being un-invested during periods of extreme market volatility. Sale proceeds and/or cash may be "out of the market" for a period of time due to transactional and procedural constraints.

Signature



# **Investment Manager Review**

# **Core Plus Fixed Income**

Period Ending June 30, 2015

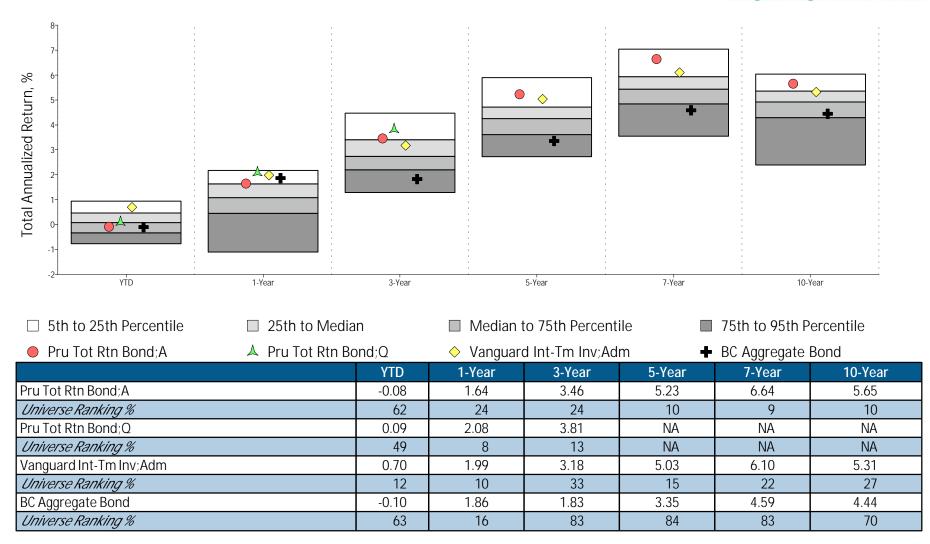
Strategies Included:

Pru Tot Rtn Bond;A Pru Tot Rtn Bond;Q Vanguard Int-Tm Inv;Adm

The information contained in this report has been taken from trade and statistical services and other sources deemed reliable, although its accuracy cannot be guaranteed and it should not be relied upon as such. Any opinion expressed herein reflects our judgment at this date and are subject to change. The illustration represents past performance and should not be considered indicative of future results. Mutual funds are sold by prospectus only. Historical performance results for investment indices and/or categories have been provided for general comparison purposes only, it should not be assumed that your account holdings do or will correspond directly to any comparative indices.

# **ANNUALIZED PERFORMANCE & PEER COMPARISON**

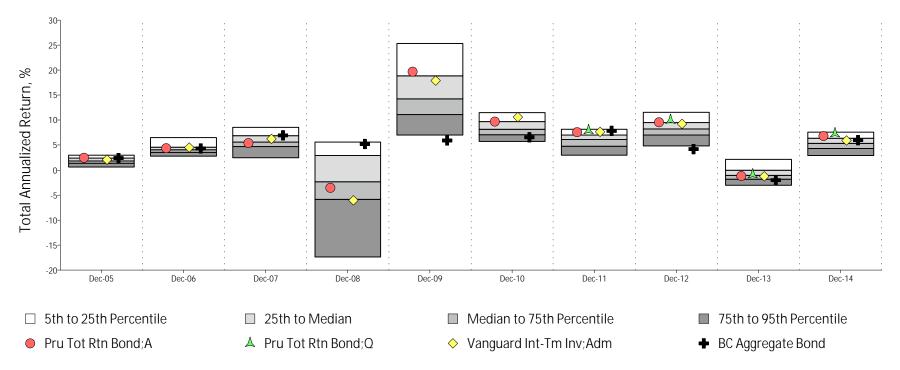




Note: Alternative share classes may be shown to provide the longest track record. Please refer to the manager pages for share class information. Universe ranking is based on the Lipper Core Plus Bond Universe. Returns greater than one year are annualized.

# CALENDAR YEAR PERFORMANCE



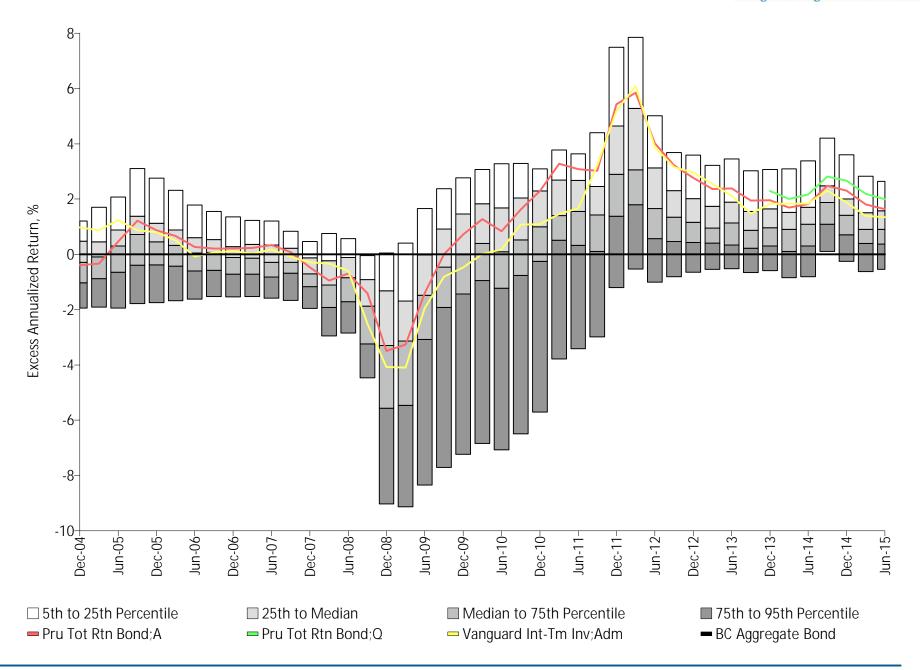


|                         | 2005 | 2006 | 2007 | 2008  | 2009  | 2010  | 2011 | 2012 | 2013  | 2014 |
|-------------------------|------|------|------|-------|-------|-------|------|------|-------|------|
| Pru Tot Rtn Bond;A      | 2.46 | 4.42 | 5.42 | -3.55 | 19.68 | 9.73  | 7.57 | 9.59 | -1.17 | 6.80 |
| Universe Ranking %      | 21   | 37   | 53   | 58    | 17    | 23    | 16   | 24   | 54    | 17   |
| Pru Tot Rtn Bond;Q      | NA   | NA   | NA   | NA    | NA    | NA    | 7.94 | 9.96 | -0.91 | 7.25 |
| Universe Ranking %      | NA   | NA   | NA   | NA    | NA    | NA    | 7    | 17   | 47    | 9    |
| Vanguard Int-Tm Inv;Adm | 2.07 | 4.55 | 6.26 | -6.06 | 17.88 | 10.60 | 7.63 | 9.25 | -1.27 | 5.91 |
| Universe Ranking %      | 38   | 33   | 35   | 75    | 29    | 9     | 16   | 29   | 58    | 35   |
| BC Aggregate Bond       | 2.43 | 4.33 | 6.97 | 5.24  | 5.93  | 6.54  | 7.84 | 4.22 | -2.02 | 5.97 |
| Universe Ranking %      | 23   | 42   | 24   | 8     | 100   | 86    | 11   | 97   | 79    | 34   |

### Universe ranking is based on the Lipper Core Plus Bond Universe.

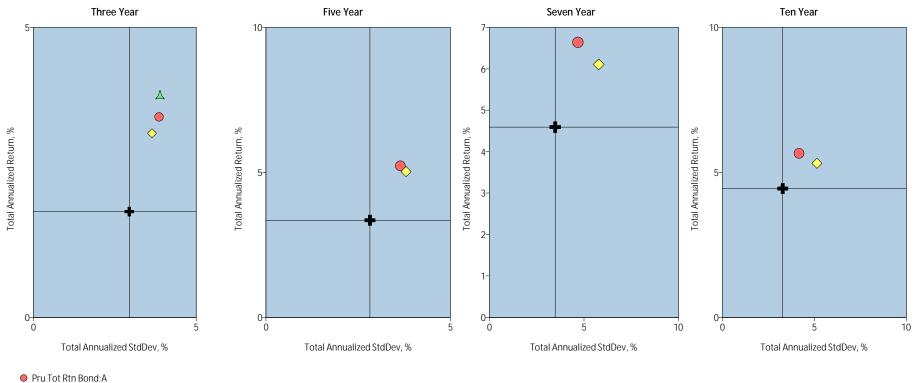
## THREE-YEAR ROLLING EXCESS RETURNS





## **RETURN VS. RISK**





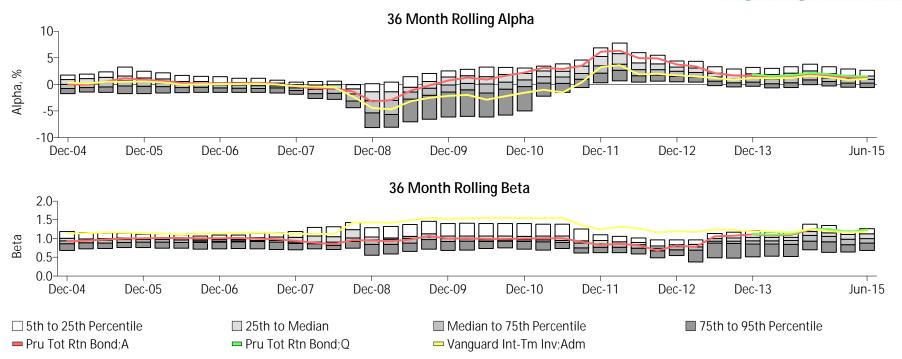
- ▲ Pru Tot Rtn Bond;Q
- ♦ Vanguard Int-Tm Inv;Adm
- BC Aggregate Bond

|          | Pru Tot Rtn<br>Bond;A |         |        | Pru Tot Rtn<br>Bond;Q |        | <sup>-</sup> d Int-Tm<br>Adm | BC Aggregate<br>Bond |         |
|----------|-----------------------|---------|--------|-----------------------|--------|------------------------------|----------------------|---------|
|          | Return                | Std Dev | Return | Std Dev               | Return | Std Dev                      | Return               | Std Dev |
| 3 Years  | 3.46                  | 3.86    | 3.81   | 3.89                  | 3.18   | 3.64                         | 1.83                 | 2.95    |
| 5 Years  | 5.23                  | 3.64    | NA     | NA                    | 5.03   | 3.81                         | 3.35                 | 2.82    |
| 7 Years  | 6.64                  | 4.68    | NA     | NA                    | 6.10   | 5.78                         | 4.59                 | 3.49    |
| 10 Years | 5.65                  | 4.18    | NA     | NA                    | 5.31   | 5.15                         | 4.44                 | 3.29    |

### Data greater than one year is annualized.

# **PERFORMANCE STATISTICS**





## MPT STATISTICS

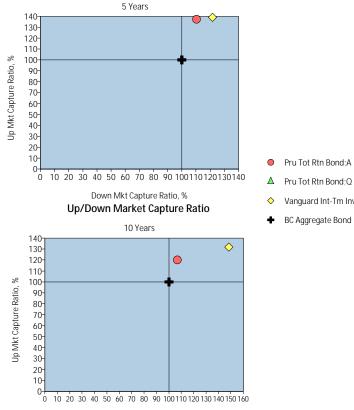
|                         |        | Alpha, % | Beta | R-Squared, % | Sharpe Ratio | Tracking Error, % | Batting Average |
|-------------------------|--------|----------|------|--------------|--------------|-------------------|-----------------|
| Pru Tot Rtn Bond;A      | 5 Year | 1.52     | 1.10 | 72.01        | 1.40         | 1.95              | 0.60            |
| Pru Tot Rtn Bond;Q      | 5 Year | NA       | NA   | NA           | NA           | NA                | NA              |
| Vanguard Int-Tm Inv;Adm | 5 Year | 1.02     | 1.19 | 78.00        | 1.29         | 1.87              | 0.67            |
| BC Aggregate Bond       | 5 Year | 0.00     | 1.00 | 100.00       | 1.15         | 0.00              | 0.00            |

|                         |         | Alpha, % | Beta | R-Squared, % | Sharpe Ratio | Tracking Error, % | Batting Average |
|-------------------------|---------|----------|------|--------------|--------------|-------------------|-----------------|
| Pru Tot Rtn Bond;A      | 10 Year | 1.09     | 1.04 | 64.56        | 0.98         | 2.55              | 0.56            |
| Pru Tot Rtn Bond;Q      | 10 Year | NA       | NA   | NA           | NA           | NA                | NA              |
| Vanguard Int-Tm Inv;Adm | 10 Year | -0.12    | 1.34 | 72.85        | 0.75         | 2.96              | 0.61            |
| BC Aggregate Bond       | 10 Year | 0.00     | 1.00 | 100.00       | 0.90         | 0.00              | 0.00            |

# **MARKET CAPTURE STATISTICS**

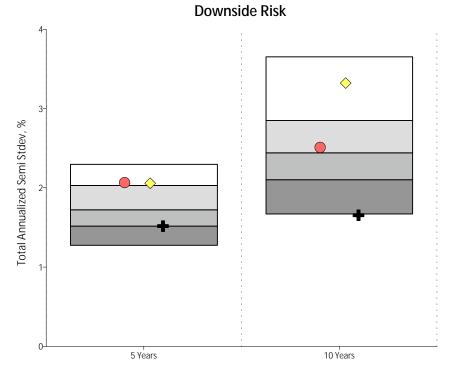
Up/Down Market Capture Ratio







- Vanguard Int-Tm Inv;Adm
- BC Aggregate Bond



Down Mkt Capture Ratio, %

|                         |          | Up Mkt Capture<br>Ratio, % | Down Mkt Capture<br>Ratio, % | Annualized Semi<br>Stdev to date,% |
|-------------------------|----------|----------------------------|------------------------------|------------------------------------|
| Pru Tot Rtn Bond;A      | 5 Years  | 137.50                     | 110.27                       | 2.07                               |
| Pru Tot Rtn Bond;A      | 10 Years | 120.11                     | 106.73                       | 2.51                               |
| Pru Tot Rtn Bond;Q      | 5 Years  | NA                         | NA                           | NA                                 |
| Pru Tot Rtn Bond;Q      | 10 Years | NA                         | NA                           | NA                                 |
| Vanguard Int-Tm Inv;Adm | 5 Years  | 139.07                     | 121.62                       | 2.06                               |
| Vanguard Int-Tm Inv;Adm | 10 Years | 131.79                     | 148.51                       | 3.32                               |

# **REPORT GLOSSARY**



Alpha - Alpha measures the difference between an investment's actual performance, and its expected performance as indicated by its market sensitivity (Beta). A positive Alpha indicates the risk-adjusted performance is above that index.

Batting Average - This measures the frequency with which a manager performs better than a selected benchmark. It is computed by dividing the number of positive excess returns by the total number of excess returns during the period.

**Beta** - Beta is defined as a Manager's sensitivity to market movements and is used to evaluate market related, or systematic risk. Beta is a measure of the linear relationship, over time, of the Manager's returns and those of the Benchmark. Beta is computed by regressing the Manager's excess returns over the risk free rate (cash proxy) against the excess returns of the Benchmark over the risk free rate. An investment that is as equally volatile as the market will have a Beta of 1.0; an investment half as volatile as the market will have a Beta of 0.5; and so on. Thus, Betas higher than 1.0 indicate that the fund is more volatile than the market.

**Down Market (Mkt) Capture Ratio** - Down Market Capture Ratio is a measure of an investment's performance in down markets relative to the market itself. A down market is one in which the market's return is less than zero. The lower the investment's Down Market Capture Ratio, the better the investment protected capital during a market decline. A negative Down Market Capture Ratio indicates that an investment's returns rose while the market declined.

**Downside Risk (Semi Standard Deviation, Semi StdDev, or Downside Deviation)** - Downside Risk only identifies volatility on the down side. Downside Risk measures the variability of returns below zero, whereas Standard Deviation attributes volatility in either direction to risk. The Downside Risk method calculates the deviations below zero for each observed return. Each time a return falls below zero, the sum is divided by the number of observations and the square root is taken. This result is then shown on an annualized basis.

Excess - Denotes that a statistic is being measured relative to the Market Index selected.

**R-Squared** ( $\mathbb{R}^3$ ) - This statistic indicates the degree to which the observed values of one variable, such as the returns of a managed portfolio, can be explained by, or are associated with the values of another variable, such as a Market Index. The  $\mathbb{R}^2$  values generally range from 0.0 to 1.0. An investment with an  $\mathbb{R}^2$  of 1.0 is perfectly correlated with the market. An  $\mathbb{R}^2$  of 0.95, for example, implies that 95% of the fluctuations in a portfolio are explained by fluctuations in the market.

Sharpe Ratio - The Sharpe Ratio indicates the excess return per unit of total risk as measured by Standard Deviation. It is a ratio of excess returns over the risk free rate to the Standard Deviation. The Sharpe Ratio is a measure of the premium earned for the risk incurred by the portfolio.

**Standard Deviation (StdDev)** - A measure of the extent to which observations in a series vary from the arithmetic mean of the series. The Standard Deviation of a series of asset returns is a measure of volatility, or risk, of the asset. The more volatile the returns, the higher the standard deviation will be.

**Style Map** - Plots the historical exposures of a fund's style across appropriate dimensions, such as growth vs. value for equity funds. By viewing this chart, an investor can determine a manager's style consistency over time. Returns based style analysis is used.

Tracking Error - Tracking Error is a measure of how closely an investment's returns track the returns of the selected Market Index. It is the annualized Standard Deviation of the differences between the investment's and the associated index's returns. If an investment tracks its associated index closely, then Tracking Error will be low. If an investment tracks its associated index perfectly, then Tracking Error will be zero.

Up Market (Mkt) Capture Ratio - Up Market Capture Ratio is a measure of a product's performance in up markets relative to the market itself. An up market is one in which the market's return is greater than or equal to zero. The higher the investment's Up Market Capture Ratio, the better the investment capitalized on a rising market.