

# Palm Beach Gardens Police

Investment Performance Review  
Period Ended March 31, 2016



THE  
**BOGDAHN**  
**GROUP**



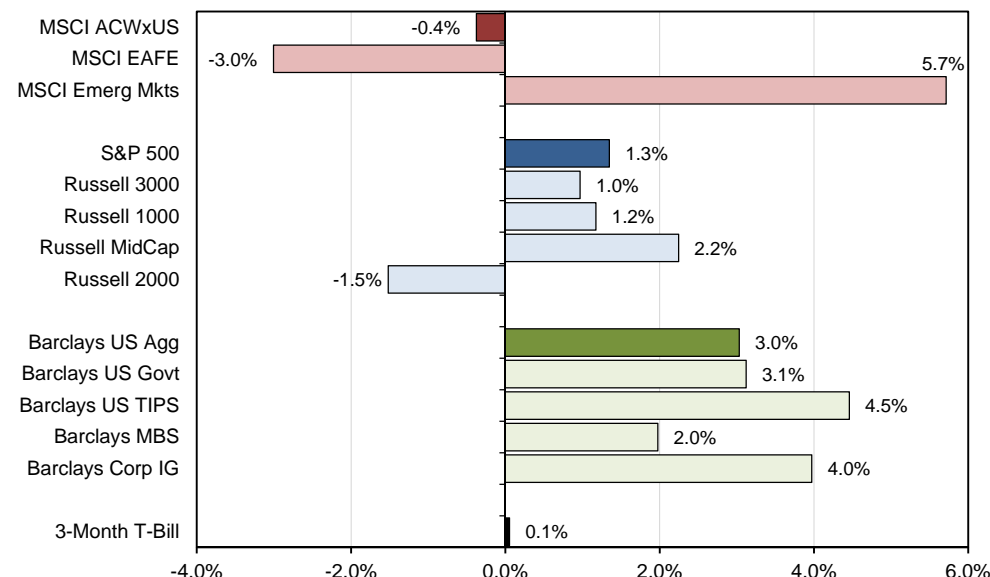
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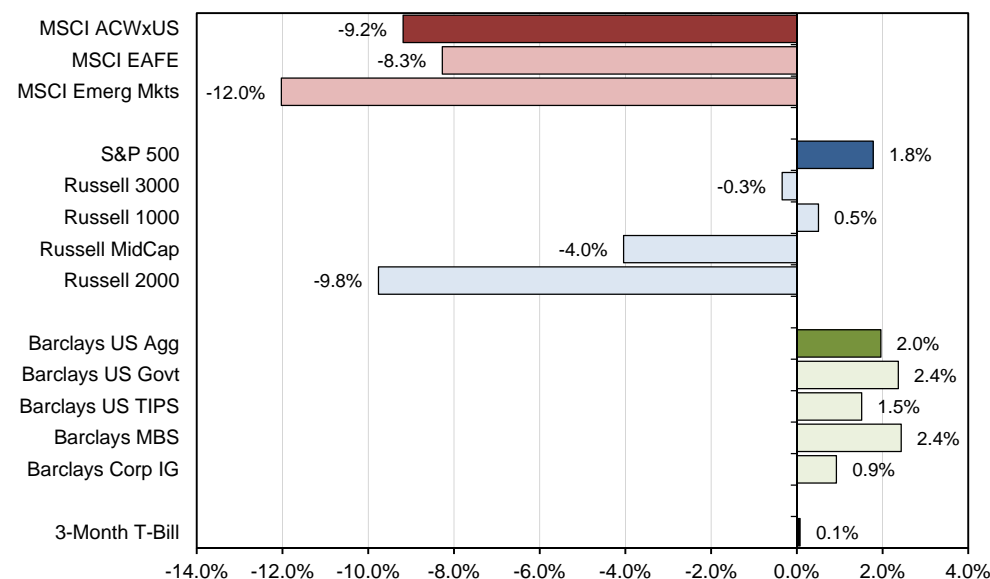
## **1st Quarter 2016 Market Environment**

- The 1st quarter of 2016 proved volatile as broad equity markets declined significantly through the first half of the period due to global economic growth concerns, low and falling energy prices, and the prospect of rising interest rates in the U.S. At its lowest point on February 11, 2016, the S&P 500 had fallen by -10.3%. However, equity prices recovered through the second half of the quarter as investors reacted to improving economic data, a recovery in commodity prices, and various central bank announcements of continued monetary policy easing. As a result, the S&P 500 appreciated 13.0% through the end of March and finished the quarter with a return of 1.3%.
- Each of the U.S. stock market indices we track followed a similar pattern to the S&P 500 and were modestly positive through the 1st quarter with the exception of the Russell 2000, which returned -1.5% for the period. For the 1-year period, domestic large cap stock indices were the best performers, with the S&P 500 and Russell 1000 returning 1.8% and 0.5%, respectively, while domestic small- (-9.8%) and mid-capitalization (-4.0%) indices posted negative results for the period. In U.S. dollar (USD) terms, the MSCI Emerging Market (EM) Index (net) surged in the back half of the period, returning a solid 5.7% for the quarter. Developed international markets did not fare as well with the MSCI EAFE Index (net) finishing the quarter with a return of -3.0%. Both international benchmarks were weak over the 1-year period with the MSCI EAFE Index returning -8.3% and the MSCI EM Index returning -12.0%.
- The U.S. Treasury yield curve flattened throughout the 1st quarter. The drop in yields was primarily caused by U.S. Federal Reserve (Fed) indications they would likely be slowing their expected pace of future interest rate increases, as well as an increased demand for safe haven assets, as the volatility in the equity markets pushed investors away from risk assets. As a result, U.S. fixed income markets were positive across maturities and qualities for the period. The broad market Barclays U.S. Aggregate Index returned a solid 3.0% during the quarter. This broad market performance was led by investment grade corporates which benefitted from their higher duration as well as interest rate spreads that declined significantly in the second half of the quarter. U.S. Treasury Inflation Protected Securities (TIPS) returned 4.5% for the quarter and were aided by higher inflation expectations (lower TIPS yields) and increased commodity prices. Global fixed income indices outperformed their U.S. counterparts in USD terms with a tailwind from both falling interest rates and a weakening USD.

### Quarter Performance

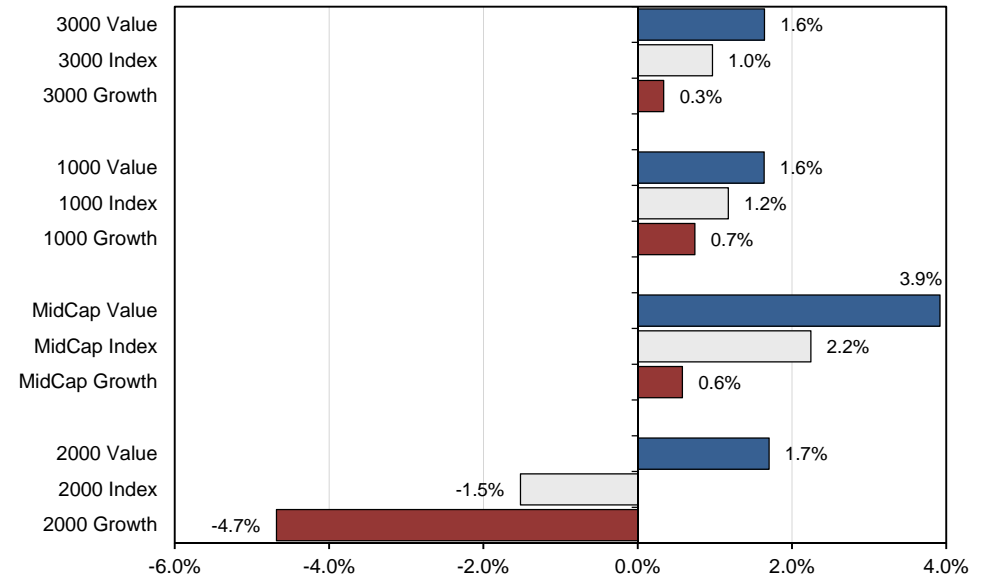


### 1-Year Performance

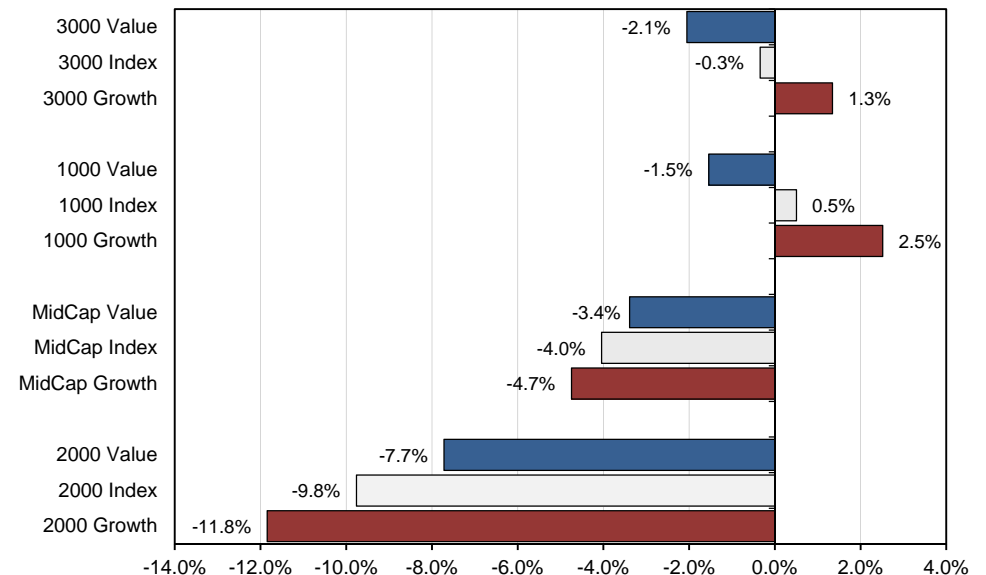


- U.S. macroeconomic data fueled domestic equity returns for the 1st quarter. Early on, concerns about U.S. GDP growth, growing initial jobless claims, weakness in U.S. manufacturing, low oil prices, and the potential for a steady pattern of interest rate hikes resulted in considerable downside momentum for U.S. equity indices. However, as the quarter progressed, employment and income data appeared stronger, moving to a post-recession low, and regional manufacturing surveys showed signs of improvement. In addition, oil prices rebounded from a low of \$26/barrel in February to \$38/barrel at the end of March, and, despite signs of rising inflation, the Fed lowered its median projection for the number of interest rate increases in 2016 from four to only two.
- Domestic equity index performance was largely positive during the 1st quarter. Value stocks outperformed growth stocks across the capitalization spectrum reversing a persistent trend of growth style outperformance. This shift was likely due to investors seeking the relative safety and stability of value stocks given the turbulent start to the year. Mid cap value stocks were the best performers across the value spectrum, returning 3.9% during the period. Small cap value (1.7%) and large cap value (1.6%) benchmarks posted similar results but were up less than half of the MidCap Index's performance. Within the growth spectrum, large cap stocks were the best performers (0.7%), followed by mid cap stocks (0.6%). The Russell 2000 Growth Index was the largest underperformer, returning -4.7% for the quarter, substantially trailing other indices.
- Large cap stocks, as represented by the Russell 1000's return of 0.5%, posted the only positive core index performance over the 1-year period. However, style bias was mixed. The Russell 1000 Growth Index was the best performer, returning 2.5% for the year. In contrast, the growth indices for both mid (-4.7%) and small (-11.8%) cap stocks posted negative results and underperformed their respective value benchmarks.
- Despite their underperformance over the 1-year period, from a valuation perspective, current Price/Earnings ratios (P/E) for value indices appear stretched relative to their long-term (20-year) averages. The mid cap value index appears most expensive at 122% of its long-term average. In contrast, current P/E valuations for the growth indices fall between 90% and 95% of their historical long-term averages.

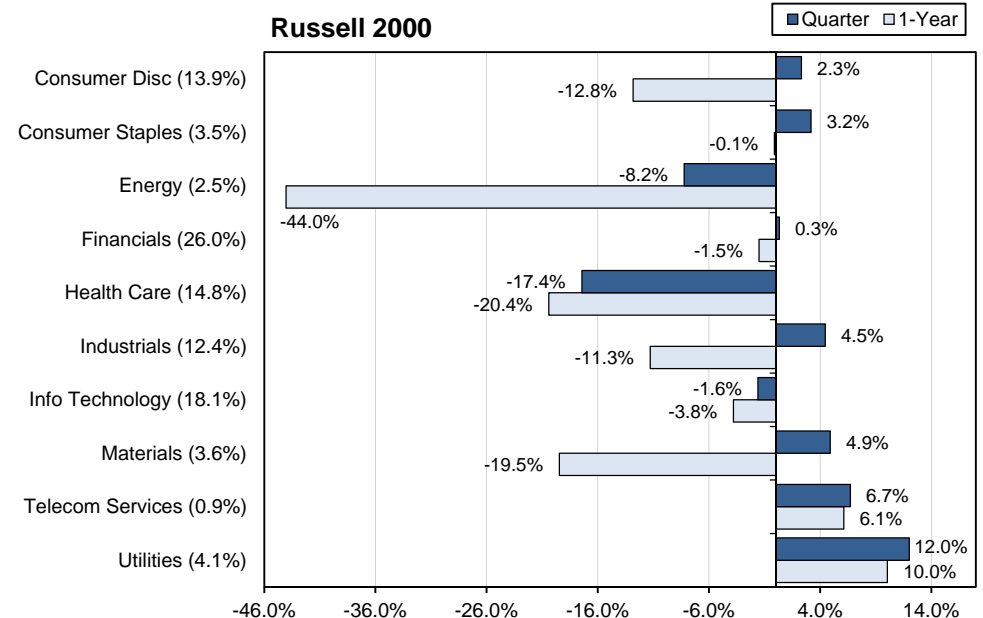
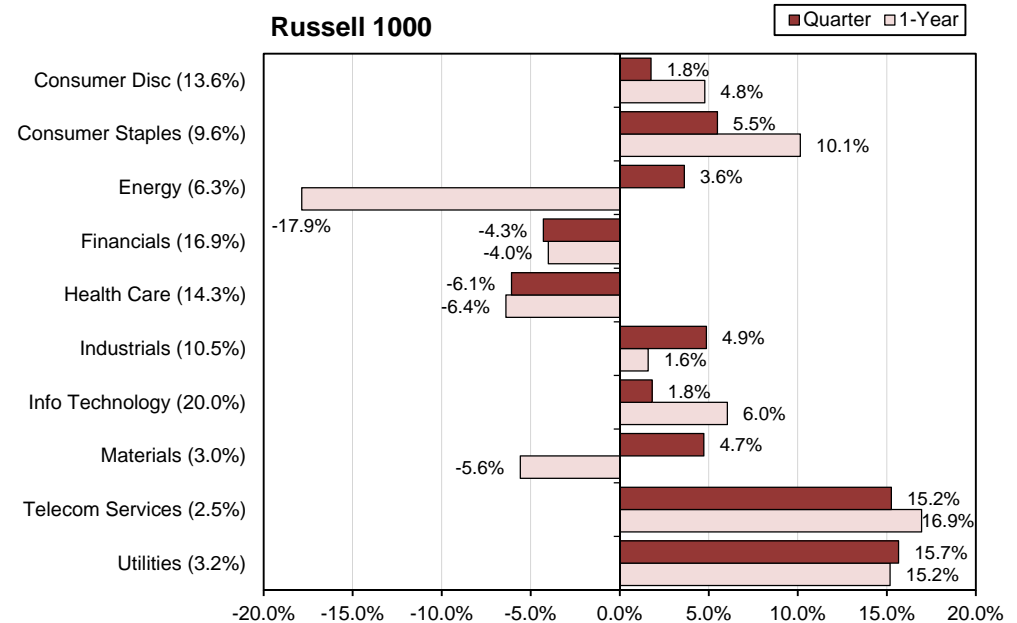
#### Quarter Performance - Russell Style Series



#### 1-Year Performance - Russell Style Series



- Large cap sector performance was generally positive for the 1st quarter with eight of the ten economic sectors within the Russell 1000 Index posting gains. The Health Care and Financials sectors were the only laggards returning -6.1% and -4.3% respectively. Health Care losses were led by the struggling biotech industry as stock prices reacted to increased political discussion surrounding drug price reform. An increased likelihood of low interest rates in the near-term hurt the earnings outlook for Financials. The strongest performing sectors for the quarter were the relatively defensive Utilities (15.7%), Telecom Services (15.2%) and Consumer Staples (5.5%) sectors. These sectors benefitted from their lower perceived risk and higher dividend yields as investors sought shelter from the quarter's early volatility. Over the 1-year period, six of ten economic sectors in the large cap index had positive performance, with the defensive sectors, largely due to performance in the 1st quarter, posting the strongest returns. On the negative side, the oil price driven Energy sector was the worst performer by a sizable margin returning -17.9% for the period. Health Care (-6.4%), Financials (-4.0%), and Materials (-5.6%) were also negative for the 1-year period.
- Small cap sector returns were, by and large, worse than corresponding large cap sector returns. Similar to large cap sectors, small cap sector performance was largely positive for the quarter. However, in contrast to the large cap benchmark's balanced sector results, only the small cap index's two most defensive sectors, Utilities (10.0%) and Telecom Services (6.1%), managed to post positive returns over the 1-year period. Much like the Russell 1000, the Energy sector posted the Russell 2000's weakest 1-year sector performance, returning -44.0%. Health Care (-20.4%), Materials (-19.5%), Consumer Discretionary (-12.8%), and Industrials (-11.3%) also posted double-digit losses for the period.
- Using the S&P 500 as a proxy, trailing P/E ratios for six GICS sectors were below their 20-year averages at quarter-end. The Telecom Services and Financials sectors were trading at the largest discount to their long-term average P/E ratios. Conversely, Energy and Utilities sector valuations were the most extended relative to their historical P/E ratios.



**The Market Environment**  
**Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000**  
As of March 31, 2016

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	3.08%	4.1%	-10.8%	Information Technology
Microsoft Corp	2.19%	0.3%	39.5%	Information Technology
Exxon Mobil Corporation	1.71%	8.2%	1.9%	Energy
Johnson & Johnson	1.47%	6.1%	10.8%	Health Care
General Electric Co	1.47%	2.9%	32.4%	Industrials
Berkshire Hathaway Inc B	1.29%	7.5%	-1.7%	Financials
Facebook Inc A	1.21%	9.0%	38.8%	Information Technology
AT&T Inc	1.17%	15.4%	26.9%	Telecommunication Services
Amazon.com Inc	1.11%	-12.2%	59.5%	Consumer Discretionary
Wells Fargo & Co	1.10%	-10.3%	-8.6%	Financials

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
United States Steel Corp	0.01%	102.5%	-33.2%	Materials
Cliffs Natural Resources Inc	0.00%	89.9%	-37.6%	Materials
3D Systems Corp	0.01%	78.0%	-43.6%	Information Technology
JC Penney Co Inc	0.02%	66.1%	31.5%	Consumer Discretionary
SPX Corp	0.00%	61.0%	-28.3%	Industrials
Freeport-McMoRan Inc	0.06%	52.7%	-44.5%	Materials
Newmont Mining Corp	0.07%	47.9%	23.0%	Materials
Allegheny Technologies Inc	0.01%	45.6%	-44.2%	Materials
Urban Outfitters Inc	0.01%	45.5%	-27.5%	Consumer Discretionary
Kate Spade & Co	0.02%	43.6%	-23.6%	Consumer Discretionary

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
SunEdison Inc	0.00%	-89.4%	-97.7%	Information Technology
Ultra Petroleum Corp	0.00%	-80.1%	-96.8%	Energy
SandRidge Energy Inc	0.00%	-71.9%	-96.8%	Energy
Peabody Energy Corp	0.00%	-69.8%	-96.9%	Energy
Ocwen Financial Corp	0.00%	-64.6%	-70.1%	Financials
Puma Biotechnology Inc	0.00%	-62.5%	-87.6%	Health Care
Alkermes PLC	0.02%	-56.9%	-43.9%	Health Care
California Resources Corp	0.00%	-55.8%	-86.4%	Energy
Endo International PLC	0.03%	-54.0%	-68.6%	Health Care
SolarCity Corp	0.01%	-51.8%	-52.1%	Industrials

Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
STERIS PLC	0.37%	-5.3%	2.6%	Health Care
CubeSmart	0.34%	9.4%	41.5%	Financials
West Pharmaceutical Services Inc	0.31%	15.4%	16.1%	Health Care
Treehouse Foods Inc	0.30%	10.6%	2.0%	Consumer Staples
Vail Resorts Inc	0.30%	5.1%	32.3%	Consumer Discretionary
Piedmont Natural Gas Co Inc	0.29%	5.5%	66.9%	Utilities
MarketAxess Holdings Inc	0.29%	12.1%	51.9%	Financials
Sovran Self Storage Inc	0.28%	10.8%	29.9%	Financials
Highwoods Properties Inc	0.28%	10.8%	8.7%	Financials
Casey's General Stores Inc	0.27%	-5.7%	26.9%	Consumer Staples

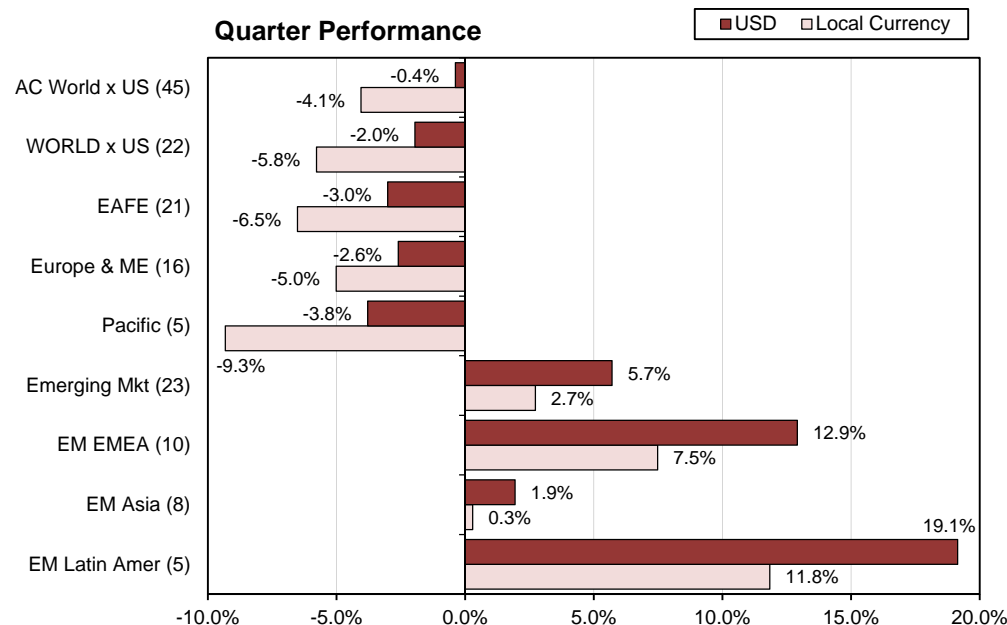
Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Vantage Drilling Co	0.00%	551.4%	-94.7%	Energy
American Eagle Energy Corp	0.00%	345.5%	-97.3%	Energy
Walter Energy Inc	0.00%	177.7%	-95.0%	Materials
Ultrapetrol Bahamas Ltd	0.00%	157.1%	-81.4%	Industrials
Coeur Mining Inc	0.05%	126.6%	19.3%	Materials
Bio-Path Holdings Inc	0.00%	107.2%	43.9%	Health Care
EnerNOC Inc	0.01%	94.3%	-34.4%	Information Technology
Cliffs Natural Resources Inc	0.03%	89.9%	-37.6%	Materials
SunCoke Energy Inc	0.03%	87.3%	-54.1%	Materials
Nanoviricides Inc	0.00%	85.6%	-2.7%	Health Care

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
RCS Capital Corp Class A	0.00%	-96.5%	-99.9%	Financials
Horsehead Holding Corp	0.00%	-92.7%	-98.8%	Materials
Eagle Bulk Shipping Inc	0.00%	-89.8%	-95.1%	Industrials
6D Global Technologies Inc	0.00%	-89.7%	-96.2%	Information Technology
Eleven Biotherapeutics Inc	0.00%	-89.4%	-96.4%	Health Care
Speed Commerce Inc	0.00%	-88.9%	-98.9%	Information Technology
CHC Group Ltd	0.00%	-85.0%	-97.6%	Energy
Noranda Aluminum Holding Corp	0.00%	-82.8%	-99.7%	Materials
Midstates Petroleum Co Inc	0.00%	-82.4%	-95.8%	Energy
Carbylan Therapeutics Inc	0.00%	-82.2%	N/A	Health Care

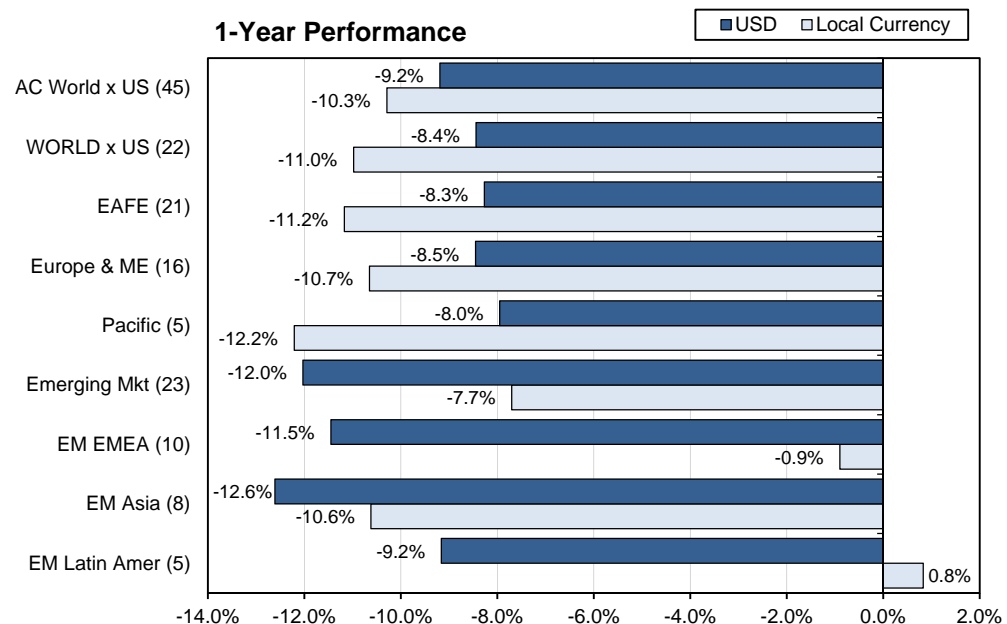


- Like their domestic counterparts, the 1st quarter of the year was very volatile for international stocks. The beginning of the quarter was difficult across markets as investors struggled with uncertainty surrounding central bank policies, global economic growth, and commodity prices. As is usual, this uncertainty caused investors to flee risk assets, putting downward pressure on equity prices. Markets began to recover in the latter half of the quarter as the Bank of Japan (BoJ), People's Bank of China (PBoC), and European Central Bank (ECB) were just a few of those announcing new measures aimed at stimulating their economies. Developed markets struggled throughout the quarter while emerging markets managed to reverse their persistent trend of underperformance as commodity prices rebounded and the USD weakened. The weaker USD provided a boost to local currency returns across major international indices. For the 1-year period, USD performance for each of the international indices we track was negative. Developed markets returned a weak -8.3% for the 1-year period, but emerging markets fared even worse with a return of -12.0%.
- Despite relief from the ECB's announcement of additional monetary policy easing, developed markets in Europe were negative for the quarter. Weak GDP growth, below target inflation, and security concerns stemming from the March terrorist attacks in Brussels all impacted returns. Stress was compounded when the U.K. called for a referendum to review the country's continued membership in the European economic bloc. Within the emerging and developed market indices, Greece and Italy were the worst performers posting USD returns of -12.2% and -11.7%, respectively, for the quarter.
- Japanese equities, the developed market index's largest component, struggled for the quarter posting a return of -6.5% in USD and -12.5% in local currency. Investors weighed ongoing global macroeconomic uncertainty and began to lose faith in the ability of "Abenomics" to lift the country out of its growth malaise. Japanese market returns were also affected by the BoJ's unexpected move to a negative interest rate policy at the end of January, making it the sixth central bank to do so, in an attempt to stimulate economic growth and place upward pressure on inflation. Investors in Chinese markets had an exceptionally difficult start to the year as a new circuit breaking mechanism forced an early market close twice in January. The recent round of market turbulence stemmed from fears of the impending expiration of selling restrictions on major shareholders, which were later extended, and a weakening Chinese yuan.

### Quarter Performance



### 1-Year Performance





**The Market Environment**  
**U.S. Dollar International Index Attribution & Country Detail**  
As of March 31, 2016

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	13.2%	-4.3%	-10.0%
Consumer Staples	12.7%	3.3%	7.3%
Energy	4.7%	4.7%	-10.4%
Financials	23.8%	-9.6%	-16.3%
Health Care	11.5%	-6.5%	-8.0%
Industrials	13.3%	1.7%	-3.7%
Information Technology	5.3%	-4.1%	-6.5%
Materials	6.7%	2.6%	-17.4%
Telecommunication Services	5.1%	0.3%	1.3%
Utilities	3.9%	0.4%	-0.1%
<b>Total</b>	<b>100.0%</b>	<b>-3.0%</b>	<b>-8.3%</b>

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.0%	-2.6%	-10.1%
Consumer Staples	11.2%	4.1%	5.2%
Energy	6.4%	9.8%	-10.6%
Financials	25.8%	-5.0%	-14.7%
Health Care	8.8%	-7.5%	-11.3%
Industrials	11.5%	2.3%	-5.7%
Information Technology	8.5%	0.7%	-8.0%
Materials	6.9%	7.2%	-15.4%
Telecommunication Services	5.3%	2.5%	-3.6%
Utilities	3.6%	2.4%	-2.6%
<b>Total</b>	<b>100.0%</b>	<b>-0.4%</b>	<b>-9.2%</b>

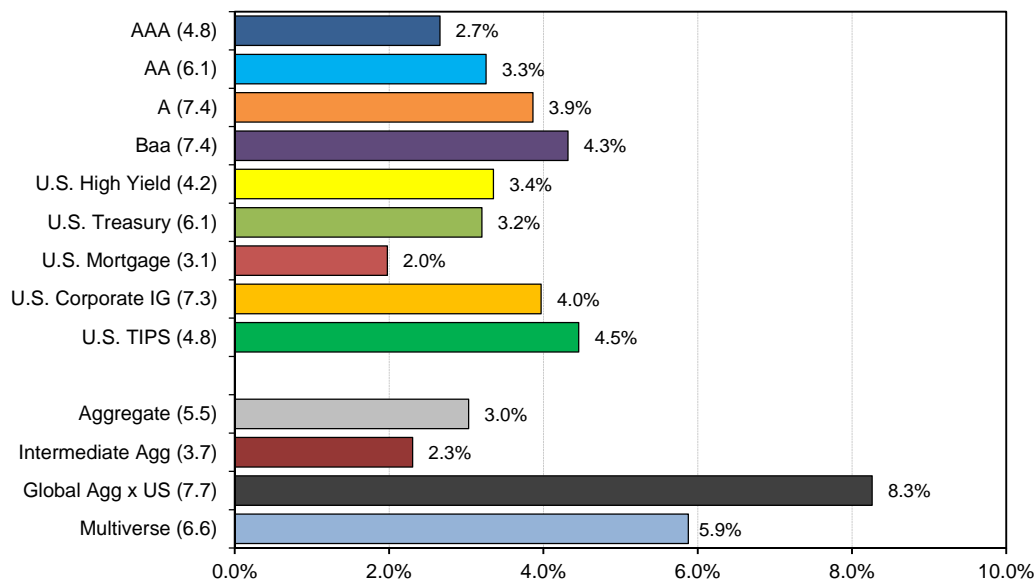
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	9.8%	3.1%	-12.1%
Consumer Staples	8.3%	6.3%	-5.3%
Energy	7.7%	14.9%	-7.0%
Financials	27.4%	3.4%	-15.7%
Health Care	2.7%	-0.4%	-11.6%
Industrials	6.8%	3.1%	-15.3%
Information Technology	20.7%	4.9%	-10.0%
Materials	6.6%	15.4%	-7.6%
Telecommunication Services	6.9%	6.6%	-15.4%
Utilities	3.2%	9.2%	-10.7%
<b>Total</b>	<b>100.0%</b>	<b>5.7%</b>	<b>-12.0%</b>

Country	MSCI-EAFE Weight	MSCI-ACWIXUS Weight	Quarter Return	1- Year Return
Japan	22.5%	16.1%	-6.5%	-7.1%
United Kingdom	19.3%	13.8%	-2.3%	-8.9%
France	10.0%	7.2%	0.1%	-4.5%
Germany	9.2%	6.6%	-2.5%	-11.7%
Switzerland	9.1%	6.5%	-5.5%	-9.4%
Australia	7.2%	5.1%	2.1%	-10.8%
Hong Kong	3.3%	2.4%	-0.6%	-6.7%
Spain	3.2%	2.3%	-4.1%	-18.6%
Netherlands	3.1%	2.2%	3.4%	-0.2%
Sweden	2.9%	2.1%	-0.2%	-9.9%
Italy	2.2%	1.6%	-11.7%	-15.4%
Denmark	2.0%	1.4%	-1.0%	5.5%
Belgium	1.5%	1.0%	-2.4%	3.2%
Singapore	1.4%	1.0%	5.1%	-11.9%
Finland	1.0%	0.7%	-5.2%	-5.6%
Israel	0.7%	0.5%	-10.2%	-9.0%
Norway	0.6%	0.4%	1.7%	-15.5%
Ireland	0.5%	0.4%	-4.2%	7.8%
Austria	0.2%	0.1%	-0.5%	-0.2%
New Zealand	0.2%	0.1%	11.6%	6.5%
Portugal	0.2%	0.1%	3.2%	-2.9%
<b>Total EAFE Countries</b>	<b>100.0%</b>	<b>71.6%</b>	<b>-3.0%</b>	<b>-8.3%</b>
Canada		6.6%	11.3%	-10.2%
<b>Total Developed Countries</b>		<b>78.2%</b>	<b>-2.0%</b>	<b>-8.4%</b>
China		5.2%	-4.8%	-18.8%
Korea		3.4%	5.1%	-5.9%
Taiwan		2.7%	7.7%	-8.5%
India		1.8%	-2.5%	-13.2%
South Africa		1.6%	13.8%	-17.8%
Brazil		1.4%	28.5%	-11.8%
Mexico		1.0%	8.5%	-5.3%
Russia		0.8%	15.8%	1.7%
Malaysia		0.8%	13.2%	-8.0%
Indonesia		0.6%	11.2%	-12.5%
Thailand		0.5%	16.9%	-12.7%
Turkey		0.3%	21.6%	-1.6%
Philippines		0.3%	7.0%	-9.3%
Poland		0.3%	13.9%	-12.4%
Chile		0.3%	12.9%	-6.9%
Qatar		0.2%	3.8%	-13.7%
United Arab Emirates		0.2%	8.6%	-5.9%
Colombia		0.1%	22.5%	-11.9%
Peru		0.1%	27.0%	-7.7%
Greece		0.1%	-12.2%	-52.0%
Hungary		0.1%	17.3%	40.2%
Czech Republic		0.0%	5.1%	-11.5%
Egypt		0.0%	-5.9%	-29.1%
<b>Total Emerging Countries</b>		<b>21.9%</b>	<b>5.7%</b>	<b>-12.0%</b>
<b>Total ACWIXUS Countries</b>		<b>100.0%</b>	<b>-0.4%</b>	<b>-9.2%</b>

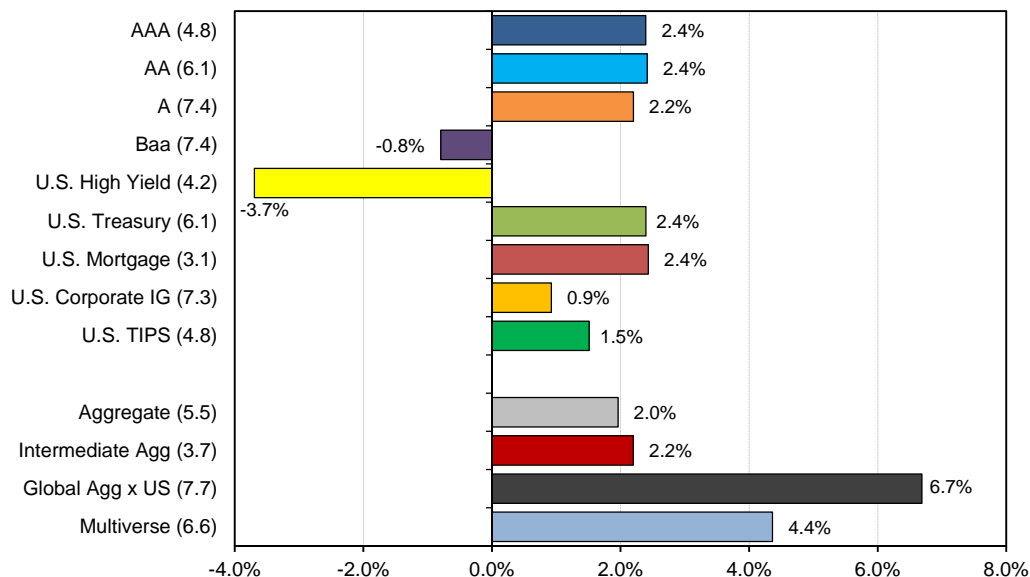
Source: MSCI Global Index Monitor (Returns are Net in USD)

- Due to a steady downward move in interest rates during the 1st quarter, fixed income index performance was positive for the period. Fixed income indices benefitted from Federal Reserve Chair Janet Yellen's dovish comments in February and March, which implied uncertainty underlying the U.S. economic outlook would likely mitigate the pace of future interest rate hikes. This information resulted in a consensus expectation for two rate increases this year versus the prior expectation of four. This rate news, coupled with early quarter volatility in risk assets, fueled investor demand for defensive investments such as U.S. Treasuries. This series of events resulted in yields falling throughout the period, especially at the longer-end of the yield curve. This curve flattening benefited longer duration indices with the 7.3 year duration Barclays U.S. Corporate Investment Grade Index returning a solid 4.0% for the quarter. Over the 1-year period, lower quality issues struggled, with Baa and high yield indices registering losses of -0.8% and -3.7%, respectively, as investors preferred the relative safety of high credit quality issues.
- The Barclays Aggregate benchmark, which is a broad representation of U.S. fixed income markets, posted a return of 3.0% for the quarter. As detailed above, higher duration sectors within the broad Aggregate index outperformed lower duration sectors with investment grade corporates (4.0%) and Treasury securities (3.2%) posting the largest gains. Hurt by its relatively low duration, the Barclays U.S. Mortgage Index returned a lower 2.0% for the quarter. While the sector components of the Aggregate benchmark also posted positive returns for the 1-year period, Treasury and mortgage-backed issues were the strongest performing; each returning 2.4%. The Barclays U.S. Corporate Investment Grade Index returned 0.9%, negatively impacted by widening credit spreads throughout most of the period.
- Due to higher average durations and credit spreads that declined in the second half of the quarter, lower credit quality investment grade securities outperformed higher quality issues during the 1st quarter. A and Baa rated securities returned 3.9% and 4.3%, respectively, versus a 2.7% return for AAA issues. High yield bonds also had a strong quarter with the Barclays U.S. High Yield Index returning 3.4%. As noted, high yield spreads rose dramatically in the first half of the quarter causing the index to trade down by as much as 5.0% through early February but quickly changed course as the quarter progressed to end the period lower than where they began 2016. Despite the strong quarter, the Barclays U.S. High Yield Index returned -3.7% over the 1-year period.

### Quarter Performance

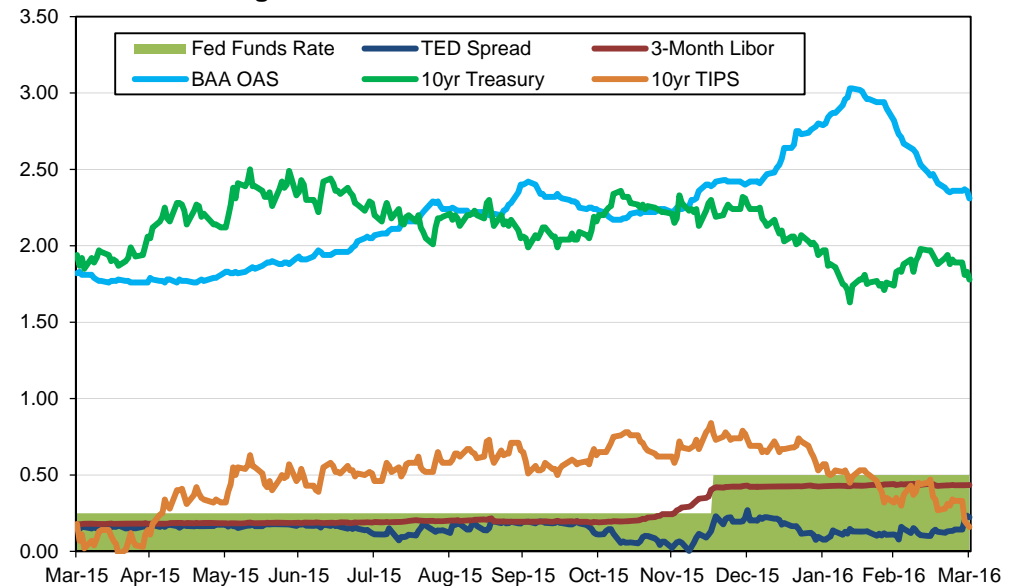


### 1-Year Performance

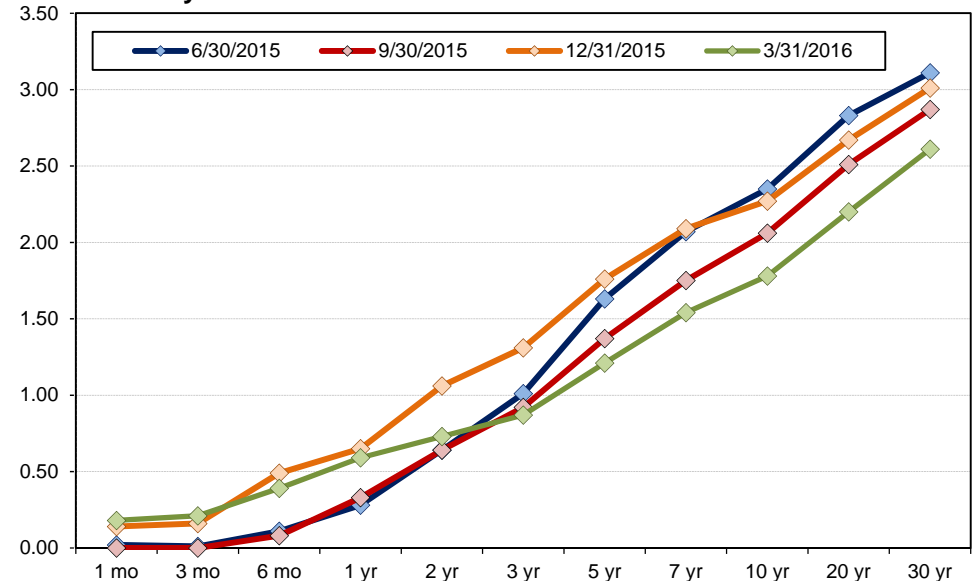


- U.S. TIPS finished the 1st quarter with a solid 4.5% return as inflation expectations rose as the USD weakened and commodity prices started to rebound. TIPS returns for the 1-year period, while positive, were a more modest 1.5%.
- In USD terms, international fixed income indices posted the largest gains for the quarter and 1-year period. Despite the relatively low interest rates in international markets, the Barclays Global Aggregate ex U.S. benchmark returned 8.3% for the quarter. The index benefitted from its higher duration, additional monetary policy easing and the weakening USD. Global bonds were also strong over the 1-year period, posting a return of 6.7%.
- Many of the drivers of the index performance detailed in the bar graphs on the previous page is visible on a time series basis in the line graphs to the right. The '1-Year Trailing Market Rates' graph illustrates that the 10-year Treasury (green line) fell over the quarter, providing a boost to bond performance. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread), which quantifies the additional yield premium that investors demand to purchase and hold non-Treasury issues. When spreads widen (tighten), it is equivalent to an interest rate increase (decrease) on corporate bonds. After falling below 2.0% early in 2015, this spread rose throughout the remainder of the calendar year. There was considerable movement in this spread from the start of 2016, as it widened to near term highs, before falling through the second half of the quarter, ending the period only slightly lower than it began. The interest rate paid on 10-year TIPS (orange line) has fallen since late last year as higher inflation expectations have increased demand for these securities. The bottom graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters. While rates stayed relatively flat at the short-end of the curve, maturities beyond 3-years saw yields fall to their lowest quarter-end levels in a year.
- The Fed has stated future rate increases would be implemented at a measured pace and with ongoing assessment of current economic data. Geopolitical events and stimulus programs in other countries should keep demand for U.S. Treasury issues elevated and put downward pressure on how high domestic rates will rise in the short-term.

**1-Year Trailing Market Rates**



**Treasury Yield Curve**



<b>Total Fund Compliance:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
The total plan return equaled or exceeded the total plan benchmark over the trailing three year period.	•		
The three year total plan return ranks in the top 40% of its peers.	•		
The total plan return of the fund over the trailing three year period equaled or exceeded 7.3% (actuarial assumption rate of return).	•		

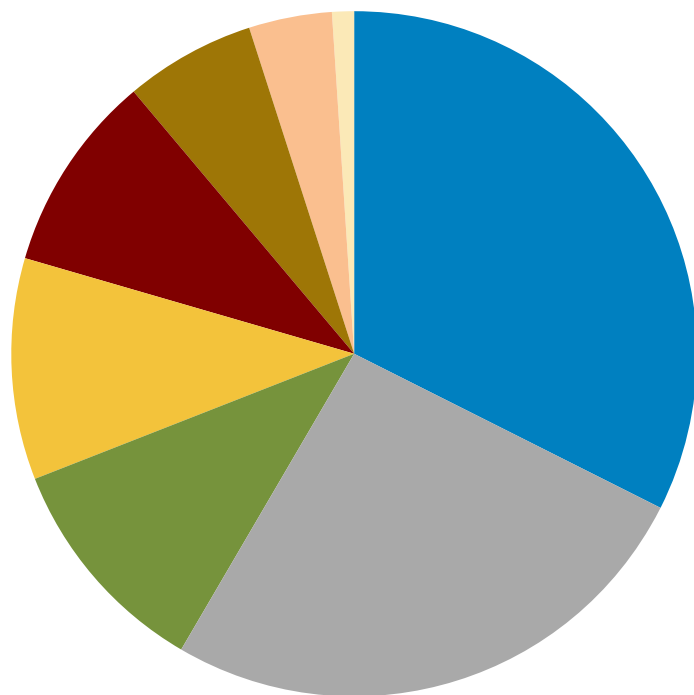
<b>Equity Compliance:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
The equity return equaled or exceeded the benchmark over the trailing three year period.		•	
The equity return equaled or exceeded the benchmark over the trailing five year period.		•	
The three year return ranks in the top 40% of its peers.			•
The five year return ranks in the top 40% of its peers.			•
The amount invested in any single security is less than or equal to 5% of the market value of the total equity portfolio.	•		
The amount invested in any single industry is less than or equal to 20% of the market value of the total equity portfolio.	•		

<b>Fixed Income Compliance:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
The fixed income return equaled or exceeded the benchmark over the trailing three year period.		•	
The three year return ranks in the top 40% of its peers.			•
The fixed income return equaled or exceeded the BCAB index over the trailing five year period.	•		
The five year return ranks in the top 40% of its peers.			•
The amount invested in any single security (excluding U.S. Government and its agencies) is less than or equal to 5% of the market value of the total fixed income portfolio.	•		
The minimum quality rating of the domestic bond investments is BBB from Standard & Poor's or BAA from Moody's.	•		

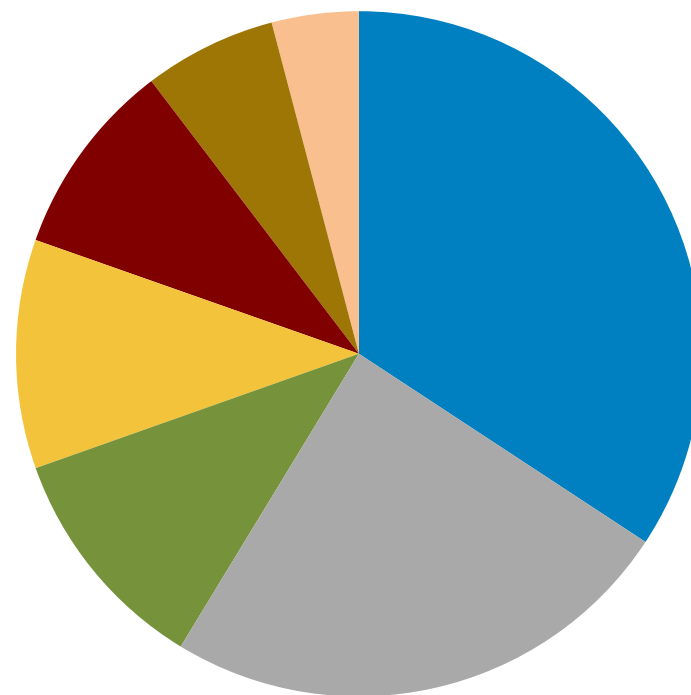
**Asset Allocation Attributes**

	Domestic Equity		International Equity		Domestic Fixed Income		International Fixed Income		Real Estate		Cash Equivalent		Total Fund	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Highland Capital Balanced	7,562,818	28.16	-	-	16,993,022	63.26	-	-	-	-	2,304,832	8.58	26,860,672	34.26
Rhumblin S&P 400 Equity	8,475,249	100.00	-	-	-	-	-	-	-	-	-	-	8,475,249	10.81
Rhumblin S&P 500 Equity	19,164,461	100.00	-	-	-	-	-	-	-	-	-	-	19,164,461	24.44
Rhumblin S&P 600 Equity	8,535,052	100.00	-	-	-	-	-	-	-	-	-	-	8,535,052	10.89
Vanguard International Equity	-	-	7,259,997	100.00	-	-	-	-	-	-	-	-	7,259,997	9.26
Oppenheimer Dreyfus	-	-	-	-	-	-	3,213,827	99.94	-	-	1,826	0.06	3,215,653	4.10
American Realty	-	-	-	-	-	-	-	-	4,900,000	100.00	-	-	4,900,000	6.25
R&D Cash	-	-	-	-	-	-	-	-	-	-	1	100.00	1	0.00
<b>Total Fund Composite</b>	<b>43,737,579</b>	<b>55.78</b>	<b>7,259,997</b>	<b>9.26</b>	<b>16,993,022</b>	<b>21.67</b>	<b>3,213,827</b>	<b>4.10</b>	<b>4,900,000</b>	<b>6.25</b>	<b>2,306,659</b>	<b>2.94</b>	<b>78,411,084</b>	<b>100.00</b>

Asset Allocation By Manager as of  
December 31, 2015 : \$78,196,481



Asset Allocation By Manager as of  
March 31, 2016 : \$78,411,084



Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Highland Capital Balanced	25,351,273	32.4	Highland Capital Balanced	26,860,672	34.3
Rhumblin S&P 500 Equity	20,328,851	26.0	Rhumblin S&P 500 Equity	19,164,461	24.4
Rhumblin S&P 600 Equity	8,319,415	10.6	Rhumblin S&P 600 Equity	8,535,052	10.9
Rhumblin S&P 400 Equity	8,171,383	10.4	Rhumblin S&P 400 Equity	8,475,249	10.8
Vanguard International Equity	7,327,789	9.4	Vanguard International Equity	7,259,997	9.3
American Realty	4,823,000	6.2	American Realty	4,900,000	6.2
Oppenheimer Dreyfus	3,061,770	3.9	Oppenheimer Dreyfus	3,215,653	4.1
R&D Cash	813,000	1.0	R&D Cash	1	0.0

## Asset Allocation &amp; Performance

	Allocation		Performance(%)												
	Market Value \$	%	QTR		FYTD		1 YR		3 YR		5 YR		Inception		Inception Date
<b>Total Fund Composite</b>	<b>78,411,084</b>	<b>100.0</b>	<b>1.89</b>	<b>(9)</b>	<b>5.38</b>	<b>(5)</b>	<b>0.03</b>	<b>(14)</b>	<b>7.88</b>	<b>(5)</b>	<b>8.03</b>	<b>(5)</b>	<b>7.65</b>	<b>(63)</b>	<b>04/01/1992</b>
Total Fund Policy Index			2.05	(7)	5.56	(4)	0.46	(8)	7.61	(8)	7.91	(6)	N/A		
All Public Plans-Total Fund Median			0.98		3.86		-1.52		6.17		6.44		7.75		
<b>Total Equity Composite</b>	<b>50,997,576</b>	<b>65.0</b>	<b>1.17</b>		<b>6.32</b>		<b>-1.83</b>		<b>10.21</b>		<b>9.89</b>		<b>4.72</b>		<b>07/01/2000</b>
Total Equity Policy Index			1.17		6.78		-1.18		10.15		9.90		4.50		
<b>Total Domestic Equity</b>															
Rhumbline S&P 500 Equity	19,164,461	24.4	1.35	(29)	8.48	(19)	1.74	(24)	11.78	(44)	11.55	(40)	4.38	(77)	07/01/2000
S&P 500 Index			1.35	(30)	8.49	(19)	1.78	(23)	11.82	(42)	11.58	(39)	4.24	(82)	
IM U.S. Large Cap Equity (SA+CF) Median			0.43		6.34		-0.68		11.44		11.10		5.63		
Rhumbline S&P 400 Equity	8,475,249	10.8	3.72	(19)	6.43	(27)	-3.58	(38)	9.44	(67)	9.58	(55)	9.43	(57)	01/01/2004
S&P MidCap 400 Index			3.78	(17)	6.49	(27)	-3.60	(38)	9.46	(66)	9.52	(58)	9.34	(62)	
IM U.S. Mid Cap Equity (SA+CF) Median			0.65		4.00		-4.76		10.27		9.75		9.71		
Rhumbline S&P 600 Equity	8,535,052	10.9	2.59	(23)	6.41	(22)	-3.19	(22)	10.39	(25)	10.42	(24)	9.24	(40)	01/01/2004
S&P SmallCap 600			2.66	(22)	6.48	(21)	-3.20	(22)	10.39	(25)	10.41	(24)	9.17	(42)	
IM U.S. Small Cap Equity (SA+CF) Median			0.23		3.22		-6.79		8.61		8.91		8.84		
Highland LCG Equity	7,562,818	9.6	-1.76	(55)	2.83	(79)	-3.42	(81)	11.11	(78)	9.94	(79)	6.86	(56)	10/01/2007
Russell 1000 Growth Index			0.74	(21)	8.11	(13)	2.52	(20)	13.61	(37)	12.38	(32)	7.57	(37)	
IM U.S. Large Cap Growth Equity (SA+CF) Median			-1.61		5.21		-0.29		12.76		11.45		7.13		
<b>International Equity</b>															
Vanguard International Equity	7,259,997	9.3	-0.93	(53)	1.52	(78)	-9.27	(71)	3.63	(44)	3.45	(46)	3.02	(62)	10/01/2006
MSCI EAFE Index			-2.88	(77)	1.73	(75)	-7.87	(58)	2.68	(53)	2.76	(54)	1.87	(84)	
IM International Equity (SA+CF) Median			-0.67		3.70		-6.80		2.98		3.09		3.74		



# Asset Allocation & Performance

## Total Fund Composite (Gross)

As of March 31, 2016

	Allocation		Performance(%)												
	Market Value \$	%	QTR		FYTD		1 YR		3 YR		5 YR		Inception		Inception Date
Total Fixed Income Composite	20,206,849	25.8	4.08		3.73		2.87		1.99		3.69		5.61		04/01/1994
Total Fixed Inc Policy Index			3.69		3.01		2.60		2.22		3.40		5.71		
Domestic Fixed Income															
Highland Capital Fxd Income	16,993,022	21.7	3.61	(1)	3.40	(1)	3.00	(4)	2.21	(96)	3.88	(80)	5.64	(98)	04/01/1994
Barclays Aggregate Index			3.03	(52)	2.44	(65)	1.96	(60)	2.50	(76)	3.78	(87)	5.79	(93)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median			3.04		2.53		2.06		2.71		4.14		6.08		
International Fixed Income															
Oppenheimer Dreyfus	3,215,653	4.1	5.03	(58)	3.95	(83)	-0.58	(73)	-0.52	(64)	1.36	(67)	1.27	(71)	10/01/2010
Citigroup Non-U.S. World Government Bond			9.10	(20)	7.59	(36)	7.74	(2)	-0.16	(62)	0.24	(74)	0.13	(76)	
IM International Fixed Income (SA+CF) Median			5.44		6.62		1.28		0.38		3.64		3.64		
Real Estate															
American Realty	4,900,000	6.2	2.63	(45)	5.74	(54)	13.42	(49)	13.18	(69)	N/A		12.63	(75)	07/01/2012
NCREIF Property Index			2.21	(54)	5.19	(88)	11.84	(87)	11.91	(89)	11.93	(89)	11.59	(84)	
IM U.S. Private Real Estate (SA+CF) Median			2.41		5.76		13.40		13.79		13.74		13.53		
R&D Cash	1	0.0													

**Asset Allocation & Performance**  
**Total Fund Composite (Net)**  
As of March 31, 2016

Asset Allocation & Performance	Allocation		Performance(%)						
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	Inception Date
<b>Total Fund Composite</b>	<b>78,411,084</b>	<b>100.0</b>	<b>1.88</b>	<b>5.30</b>	<b>-0.12</b>	<b>7.69</b>	<b>7.83</b>	<b>7.41</b>	<b>04/01/1992</b>
Total Fund Policy Index			2.05	5.56	0.46	7.61	7.91	N/A	
<b>Total Equity Composite</b>	<b>50,997,576</b>	<b>65.0</b>	<b>1.17</b>	<b>6.32</b>	<b>-1.83</b>	<b>10.21</b>	<b>9.89</b>	<b>4.72</b>	<b>07/01/2000</b>
Total Equity Policy Index			1.17	6.78	-1.18	10.15	9.90	4.50	
<b>Total Domestic Equity</b>									
Rhumblin S&P 500 Equity	19,164,461	24.4	1.35	8.47	1.71	11.72	11.46	4.25	07/01/2000
S&P 500 Index			1.35	8.49	1.78	11.82	11.58	4.24	
Rhumblin S&P 400 Equity	8,475,249	10.8	3.72	6.40	-3.62	9.41	9.56	9.43	01/01/2004
S&P MidCap 400 Index			3.78	6.49	-3.60	9.46	9.52	9.34	
Rhumblin S&P 600 Equity	8,535,052	10.9	2.59	6.39	-3.23	10.35	10.39	9.23	01/01/2004
S&P SmallCap 600			2.66	6.48	-3.20	10.39	10.41	9.17	
Highland Capital Balanced	7,562,818	9.6	-1.76	2.83	-3.42	11.11	9.94	6.86	10/01/2007
Russell 1000 Growth Index			0.74	8.11	2.52	13.61	12.38	7.57	
<b>International Equity</b>									
Vanguard International Equity	7,259,997	9.3	-0.93	1.52	-9.27	3.63	3.45	3.02	10/01/2006
MSCI EAFE Index			-2.88	1.73	-7.87	2.68	2.76	1.87	
<b>Total Fixed Income Composite</b>	<b>20,206,849</b>	<b>25.8</b>	<b>4.08</b>	<b>3.73</b>	<b>2.87</b>	<b>1.99</b>	<b>3.69</b>	<b>5.61</b>	<b>04/01/1994</b>
Total Fixed Inc Policy Index			3.69	3.01	2.60	2.22	3.40	5.71	
<b>Domestic Fixed Income</b>									
Highland Capital Fxd Income	16,993,022	21.7	3.61	3.40	3.00	2.21	3.88	5.64	04/01/1994
Barclays Aggregate Index			3.03	2.44	1.96	2.50	3.78	5.79	
<b>International Fixed Income</b>									
Oppenheimer Dreyfus	3,215,653	4.1	5.03	3.95	-0.58	-0.52	1.36	1.27	10/01/2010
Citigroup Non-U.S. World Government Bond			9.10	7.59	7.74	-0.16	0.24	0.13	

**Asset Allocation & Performance**  
**Total Fund Composite (Net)**  
As of March 31, 2016

	Allocation		Performance(%)						
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	Inception Date
<b>Real Estate</b>									
American Realty	4,900,000	6.2	2.36	5.18	12.16	12.00	N/A	11.45	07/01/2012
<a href="#">NCREIF Property Index</a>			2.21	5.19	11.84	11.91	11.93	11.59	

## Asset Allocation &amp; Performance

	Allocation		Performance(%)									
	Market Value \$	%	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
<b>Total Fund Composite</b>	<b>78,411,084</b>	<b>100.0</b>	<b>1.46 (11)</b>	<b>10.95 (34)</b>	<b>14.75 (16)</b>	<b>18.89 (28)</b>	<b>0.46 (44)</b>	<b>10.42 (37)</b>	<b>5.99 (9)</b>	<b>-13.46 (57)</b>	<b>12.22 (83)</b>	<b>7.04 (82)</b>
Total Fund Policy Index			0.81 (19)	10.35 (47)	14.21 (22)	19.60 (18)	1.75 (18)	10.81 (29)	1.64 (50)	-12.83 (49)	13.68 (62)	7.97 (61)
All Public Plans-Total Fund Median			-0.53	10.18	12.51	17.97	0.15	9.90	1.59	-12.92	14.04	8.40
<b>Total Equity Composite</b>	<b>50,997,576</b>	<b>65.0</b>	<b>0.44</b>	<b>14.07</b>	<b>24.58</b>	<b>28.78</b>	<b>-2.47</b>	<b>12.49</b>	<b>-0.91</b>	<b>-23.22</b>	<b>17.99</b>	<b>9.60</b>
Total Equity Policy Index			-0.18	13.86	23.27	27.80	-0.50	11.44	-4.36	-21.04	17.05	9.27
<b>Total Domestic Equity</b>												
Rhumblin S&P 500 Equity	19,164,461	24.4	-0.63 (57)	19.64 (39)	19.30 (72)	30.16 (40)	1.18 (44)	10.20 (49)	-6.49 (60)	-21.73 (59)	16.63 (57)	10.88 (43)
S&P 500 Index			-0.61 (57)	19.73 (37)	19.34 (71)	30.20 (39)	1.14 (45)	10.16 (50)	-6.91 (65)	-21.98 (63)	16.44 (61)	10.79 (46)
IM U.S. Large Cap Equity (SA+CF) Median			-0.35	18.77	21.16	29.20	0.71	10.10	-5.51	-20.83	17.08	10.39
Rhumblin S&P 400 Equity	8,475,249	10.8	1.45 (52)	11.81 (67)	27.55 (56)	28.90 (35)	-1.16 (55)	17.78 (41)	-2.78 (52)	-16.54 (17)	18.73 (59)	6.60 (70)
S&P MidCap 400 Index			1.40 (53)	11.82 (67)	27.68 (55)	28.54 (39)	-1.28 (57)	17.78 (41)	-3.11 (55)	-16.68 (20)	18.76 (59)	6.56 (70)
IM U.S. Mid Cap Equity (SA+CF) Median			1.48	13.46	28.01	27.10	-0.76	16.67	-2.73	-20.82	20.64	8.19
Rhumblin S&P 600 Equity	8,535,052	10.9	3.90 (37)	5.79 (55)	31.40 (56)	33.27 (36)	0.21 (38)	14.14 (58)	-10.54 (76)	-13.64 (22)	15.16 (59)	7.60 (56)
S&P SmallCap 600			3.81 (37)	5.74 (56)	31.51 (54)	33.35 (36)	0.21 (38)	14.22 (58)	-10.61 (77)	-13.83 (23)	14.93 (60)	7.16 (60)
IM U.S. Small Cap Equity (SA+CF) Median			2.41	6.23	32.10	31.59	-1.21	14.99	-5.31	-18.16	17.42	8.20
Highland Capital LCG	7,562,818	9.6	4.64 (34)	16.29 (70)	28.73 (8)	27.51 (51)	-6.48 (97)	14.63 (22)	15.31 (2)	-30.80 (98)	N/A	N/A
Russell 1000 Growth Index			3.17 (56)	19.15 (39)	19.27 (65)	29.19 (39)	3.78 (30)	12.65 (36)	-1.85 (37)	-20.88 (54)	19.35 (56)	6.04 (59)
IM U.S. Large Cap Growth Equity (SA+CF) Median			3.68	18.12	20.31	27.62	1.37	11.31	-3.03	-20.34	20.19	6.82
<b>International Equity</b>												
Vanguard International Equity	7,259,997	9.3	-8.53 (53)	7.89 (29)	23.72 (37)	19.39 (32)	-11.12 (62)	9.09 (52)	2.31 (73)	-29.10 (41)	27.48 (57)	N/A
MSCI EAFE Index			-8.27 (51)	4.70 (63)	24.29 (33)	14.33 (72)	-8.94 (44)	3.71 (80)	3.80 (65)	-30.13 (48)	25.38 (67)	19.65 (56)
IM International Equity (SA+CF) Median			-8.05	5.78	20.34	17.29	-9.61	9.61	6.90	-30.34	29.60	20.13

# Asset Allocation & Performance

## Total Fund Composite (Gross)

As of March 31, 2016

	Allocation		Performance(%)									
	Market Value \$	%	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
<b>Total Fixed Income Composite</b>	<b>20,206,849</b>	<b>25.8</b>	<b>1.40</b>	<b>3.45</b>	<b>-2.57</b>	<b>6.28</b>	<b>5.20</b>	<b>8.28</b>	<b>11.96</b>	<b>1.23</b>	<b>4.97</b>	<b>3.56</b>
Total Fixed Inc Policy Index			1.82	3.41	-2.11	4.98	5.18	7.78	11.18	3.84	5.62	3.51
<b>Domestic Fixed Income</b>												
Highland Capital Fxed Income	16,993,022	21.7	2.22 (88)	3.51 (94)	-2.54 (99)	6.07 (71)	5.66 (26)	8.09 (89)	11.96 (58)	1.23 (63)	4.97 (70)	3.56 (85)
Barclays Aggregate Index			2.94 (59)	3.96 (80)	-1.68 (80)	5.16 (91)	5.26 (49)	8.16 (87)	10.56 (82)	3.65 (32)	5.14 (52)	3.67 (76)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median			3.02	4.47	-1.27	6.59	5.25	9.20	12.28	2.55	5.15	3.86
<b>International Fixed Income</b>												
Oppenheimer Dreyfus	3,215,653	4.1	-4.81 (42)	2.98 (67)	-2.82 (57)	7.90 (82)	0.32 (54)	N/A	N/A	N/A	N/A	N/A
Citigroup Non-U.S. World Government Bond			-7.01 (54)	-0.99 (88)	-5.63 (92)	3.45 (95)	4.13 (17)	4.46 (93)	16.04 (53)	5.16 (8)	9.53 (54)	2.04 (84)
IM International Fixed Income (SA+CF) Median			-6.40	5.50	-2.20	14.99	0.68	16.50	16.35	-1.84	9.57	6.87
<b>Real Estate</b>												
American Realty	4,900,000	6.2	14.05 (72)	12.45 (71)	12.30 (72)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NCREIF Property Index			13.48 (77)	11.26 (90)	11.00 (83)	11.00 (75)	16.10 (73)	5.84 (51)	-22.09 (10)	5.27 (45)	17.31 (65)	17.62 (56)
IM U.S. Private Real Estate (SA+CF) Median			16.17	13.05	13.35	12.90	16.96	6.09	-35.27	4.88	18.53	18.27
R&D Cash	1	0.0										

**Asset Allocation & Performance**
**Total Fund Composite (Net)**

As of March 31, 2016

**Asset Allocation & Performance**

	Allocation		FYTD	Performance(%)									
	Market Value \$	%		Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
<b>Total Fund Composite</b>	<b>78,411,084</b>	<b>100.0</b>	<b>5.30</b>	<b>1.29</b>	<b>10.73</b>	<b>14.53</b>	<b>18.64</b>	<b>0.22</b>	<b>10.08</b>	<b>5.61</b>	<b>-13.73</b>	<b>11.90</b>	<b>6.70</b>
Total Fund Policy Index			5.56	0.81	10.35	14.21	19.60	1.75	10.81	1.64	-12.83	13.68	7.97
<b>Total Equity Composite</b>	<b>50,997,576</b>	<b>65.0</b>	<b>6.32</b>	<b>0.44</b>	<b>14.07</b>	<b>24.58</b>	<b>28.78</b>	<b>-2.47</b>	<b>12.49</b>	<b>-0.91</b>	<b>-23.22</b>	<b>17.99</b>	<b>9.60</b>
Total Equity Policy Index			6.78	-0.18	13.86	23.27	27.80	-0.50	11.44	-4.36	-21.04	17.05	9.27
<b>Total Domestic Equity</b>													
Rhumblin S&P 500 Equity	19,164,461	24.4	8.47	-0.66	19.55	19.18	29.99	1.04	10.02	-6.71	-21.87	16.47	10.72
S&P 500 Index			8.49	-0.61	19.73	19.34	30.20	1.14	10.16	-6.91	-21.98	16.44	10.79
Rhumblin S&P 400 Equity	8,475,249	10.8	6.40	1.40	11.78	27.55	28.90	-1.16	17.78	-2.78	-16.54	18.73	6.60
S&P MidCap 400 Index			6.49	1.40	11.82	27.68	28.54	-1.28	17.78	-3.11	-16.68	18.76	6.56
Rhumblin S&P 600 Equity	8,535,052	10.9	6.39	3.85	5.76	31.40	33.27	0.21	14.14	-10.54	-13.64	15.16	7.60
S&P SmallCap 600			6.48	3.81	5.74	31.51	33.35	0.21	14.22	-10.61	-13.83	14.93	7.16
Highland Capital LCG	7,562,818	9.6	2.83	4.64	16.29	28.73	27.51	-6.48	14.63	15.31	-30.80	N/A	N/A
Russell 1000 Growth Index			8.11	3.17	19.15	19.27	29.19	3.78	12.65	-1.85	-20.88	19.35	6.04
<b>International Equity</b>													
Vanguard International Equity	7,259,997	9.3	1.52	-8.53	7.89	23.72	19.39	-11.12	9.09	2.31	-29.10	27.48	N/A
MSCI EAFE Index			1.73	-8.27	4.70	24.29	14.33	-8.94	3.71	3.80	-30.13	25.38	19.65
<b>Total Fixed Income Composite</b>	<b>20,206,849</b>	<b>25.8</b>	<b>3.73</b>	<b>1.40</b>	<b>3.45</b>	<b>-2.57</b>	<b>6.28</b>	<b>5.20</b>	<b>8.28</b>	<b>11.96</b>	<b>1.23</b>	<b>4.97</b>	<b>3.56</b>
Total Fixed Inc Policy Index			3.01	1.82	3.41	-2.11	4.98	5.18	7.78	11.18	3.84	5.62	3.51
<b>Domestic Fixed Income</b>													
Highland Capital Fxd Income	16,993,022	21.7	3.40	2.22	3.51	-2.54	6.07	5.66	8.09	11.96	1.23	4.97	3.56
Barclays Aggregate Index			2.44	2.94	3.96	-1.68	5.16	5.26	8.16	10.56	3.65	5.14	3.67
<b>International Fixed Income</b>													
Oppenheimer Dreyfus	3,215,653	4.1	3.95	-4.81	2.98	-2.82	7.90	0.32	N/A	N/A	N/A	N/A	N/A
Citigroup Non-U.S. World Government Bond			7.59	-7.01	-0.99	-5.63	3.45	4.13	4.46	16.04	5.16	9.53	2.04

**Asset Allocation & Performance**  
**Total Fund Composite (Net)**  
As of March 31, 2016

	Allocation		Performance(%)										
	Market Value \$	%	FYTD	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
<b>Real Estate</b>													
American Realty	4,900,000	6.2	5.18	12.82	11.34	11.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<a href="#">NCREIF Property Index</a>			5.19	13.48	11.26	11.00	11.00	16.10	5.84	-22.09	5.27	17.31	17.62



**Historical Rolling Performance**  
**Total Fund Composite**  
As of March 31, 2016

Historical Rolling Performance					
	QTR	1 YR	3 YR	5 YR	Inception
03/31/2016	1.89	0.03	7.88	8.03	7.65
12/31/2015	3.42	1.00	9.66	8.53	7.65
09/30/2015	-5.13	1.46	8.91	9.06	7.58
06/30/2015	0.06	5.55	12.48	11.97	7.91
03/31/2015	2.88	9.19	11.63	10.75	8.00
12/31/2014	3.89	7.80	13.55	11.04	7.96
09/30/2014	-1.31	10.95	14.82	10.92	7.86
06/30/2014	3.52	18.38	11.51	13.73	8.02
03/31/2014	1.57	14.94	10.45	15.10	7.94
12/31/2013	6.92	21.12	11.41	13.81	7.96
09/30/2013	5.30	14.75	11.08	9.91	7.72
06/30/2013	0.51	13.90	12.11	7.06	7.56
03/31/2013	7.03	10.83	9.90	6.97	7.62
12/31/2012	1.30	12.13	8.93	4.48	7.37
09/30/2012	4.52	18.89	9.66	3.88	7.39
06/30/2012	-2.20	2.85	12.16	3.42	7.25
03/31/2012	8.29	5.76	16.62	4.58	7.46
12/31/2011	7.40	1.83	12.03	3.29	7.13
09/30/2011	-9.58	0.46	5.54	2.69	6.83
06/30/2011	0.57	20.27	6.29	5.50	7.49
03/31/2011	4.26	13.24	6.11	5.13	7.55
12/31/2010	5.96	13.22	2.92	4.93	7.42
09/30/2010	8.25	10.42	0.43	4.00	7.19
06/30/2010	-5.31	14.08	-1.48	2.78	6.83
03/31/2010	4.24	32.44	1.46	4.45	7.25
12/31/2009	3.34	21.96	0.66	3.43	7.10
09/30/2009	11.84	5.99	0.97	3.94	7.01
06/30/2009	9.93	-12.48	-1.61	1.52	6.42
03/31/2009	-4.01	-20.33	-5.03	-0.23	5.92
12/31/2008	-10.19	-21.04	-2.69	1.02	6.28
09/30/2008	-7.65	-13.46	1.30	4.58	7.07
06/30/2008	0.07	-4.22	4.74	6.61	7.71
03/31/2008	-4.87	-1.01	5.61	8.37	7.83
12/31/2007	-1.56	5.93	7.13	9.19	8.30
09/30/2007	2.21	12.22	9.77	10.36	8.55
06/30/2007	3.42	13.61	8.76	8.57	8.54
03/31/2007	1.80	8.60	7.82	6.77	8.44
12/31/2006	4.29	10.16	7.94	6.38	8.46
09/30/2006	3.47	7.04	8.81	6.41	8.30
06/30/2006	-1.14	5.58	8.17	4.90	8.19

Returns for periods greater than one year are annualized.  
Returns are expressed as percentages.

**Historical Rolling Performance**  
**Total Fund Policy Index**  
As of March 31, 2016

Historical Rolling Performance					
	QTR	1 YR	3 YR	5 YR	Inception
03/31/2016	2.05	0.46	7.61	7.91	8.44
12/31/2015	3.44	0.81	9.16	8.38	8.44
09/30/2015	-4.45	0.81	8.31	9.11	8.38
06/30/2015	-0.41	4.09	11.64	12.02	8.69
03/31/2015	2.41	8.34	11.06	10.71	8.81
12/31/2014	3.44	7.66	13.13	11.13	8.80
09/30/2014	-1.34	10.35	14.66	11.19	8.74
06/30/2014	3.65	17.99	11.30	14.11	8.91
03/31/2014	1.78	14.51	10.37	16.04	8.83
12/31/2013	6.02	19.85	11.27	13.96	8.85
09/30/2013	5.49	14.21	11.60	9.38	8.66
06/30/2013	0.60	13.30	12.83	6.70	8.49
03/31/2013	6.52	10.41	10.27	6.48	8.57
12/31/2012	1.03	12.20	9.52	4.03	8.34
09/30/2012	4.65	19.60	10.48	3.62	8.39
06/30/2012	-1.97	3.15	13.12	3.07	8.25
03/31/2012	8.25	6.34	18.50	4.27	8.47
12/31/2011	7.70	2.45	12.65	3.06	8.14
09/30/2011	-9.75	1.75	4.65	2.58	7.83
06/30/2011	1.06	22.90	5.77	5.39	8.53
03/31/2011	4.29	14.20	5.25	4.87	8.59
12/31/2010	6.97	14.28	1.96	4.83	8.46
09/30/2010	9.02	10.81	-0.61	3.80	8.18
06/30/2010	-6.10	14.16	-2.82	2.66	7.78
03/31/2010	4.36	37.03	0.49	4.46	8.28
12/31/2009	3.72	22.10	-0.23	3.29	8.14
09/30/2009	12.31	1.64	0.24	4.04	8.03
06/30/2009	12.71	-15.67	-2.50	1.60	7.41
03/31/2009	-7.00	-25.49	-6.77	-0.75	6.75
12/31/2008	-13.66	-24.03	-3.20	1.30	7.33
09/30/2008	-6.81	-12.83	2.28	6.06	8.44
06/30/2008	-0.42	-4.68	5.79	8.26	9.06
03/31/2008	-5.18	-0.61	6.79	10.78	9.24
12/31/2007	-0.94	7.05	8.22	11.45	9.78
09/30/2007	1.90	13.68	11.22	12.81	10.02
06/30/2007	3.84	15.29	10.44	10.04	10.06
03/31/2007	2.13	9.43	9.16	7.90	9.95
12/31/2006	5.20	11.54	9.47	7.73	9.97
09/30/2006	3.34	7.97	10.64	8.42	9.76
06/30/2006	-1.44	7.75	10.60	5.70	9.69

Returns for periods greater than one year are annualized.  
Returns are expressed as percentages.

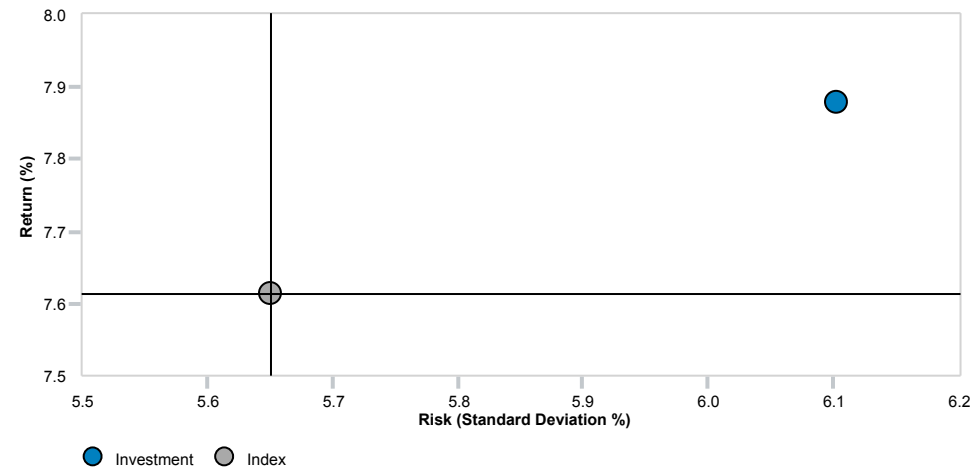
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.88	6.10	1.27	103.52	10.00	103.02	2.00
Index	7.61	5.65	1.33	100.00	9.00	100.00	3.00

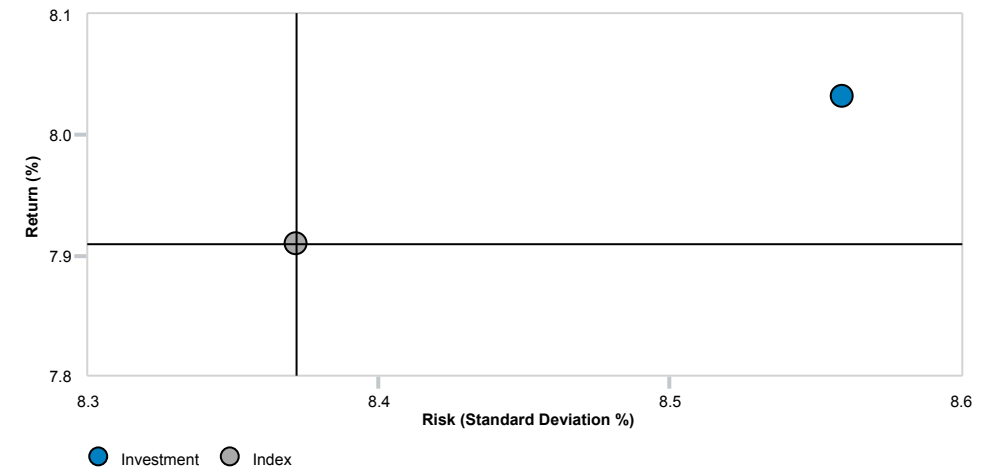
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.03	8.56	0.95	101.57	16.00	101.42	4.00
Index	7.91	8.37	0.95	100.00	15.00	100.00	5.00

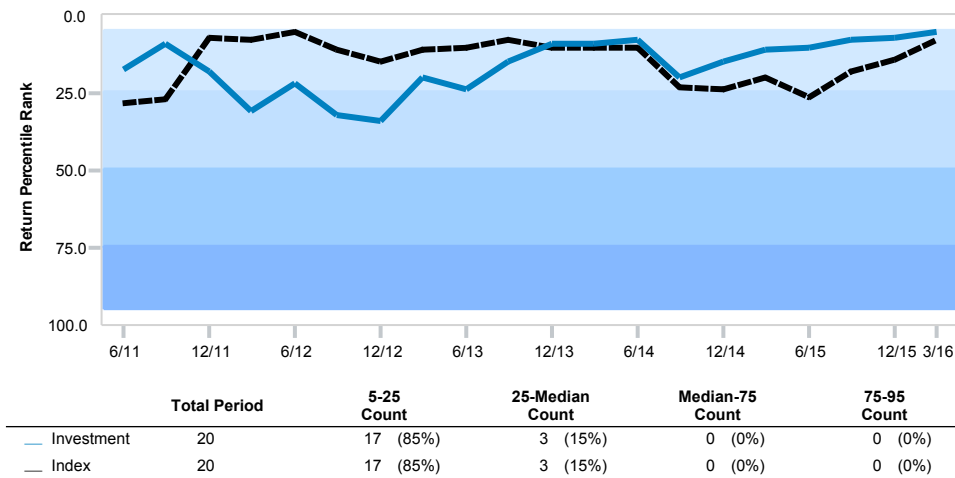
### Risk and Return 3 Years



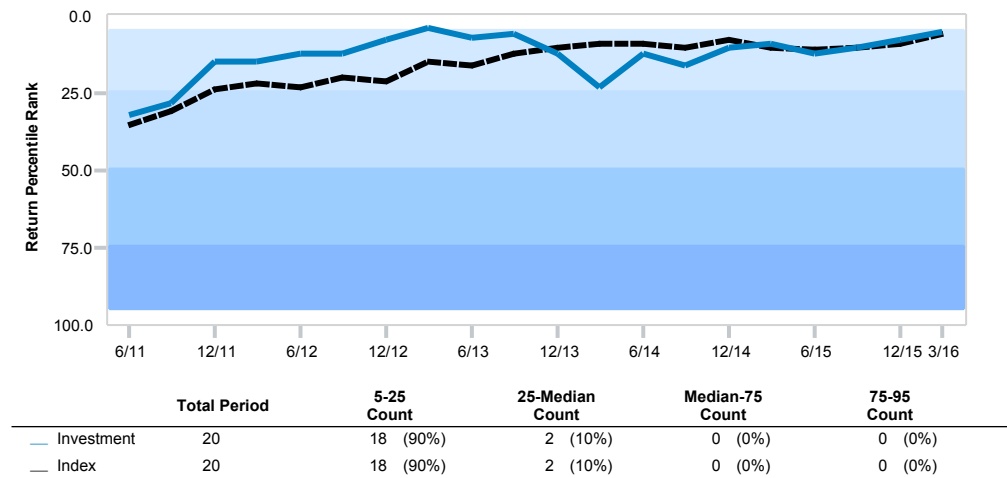
### Risk and Return 5 Years



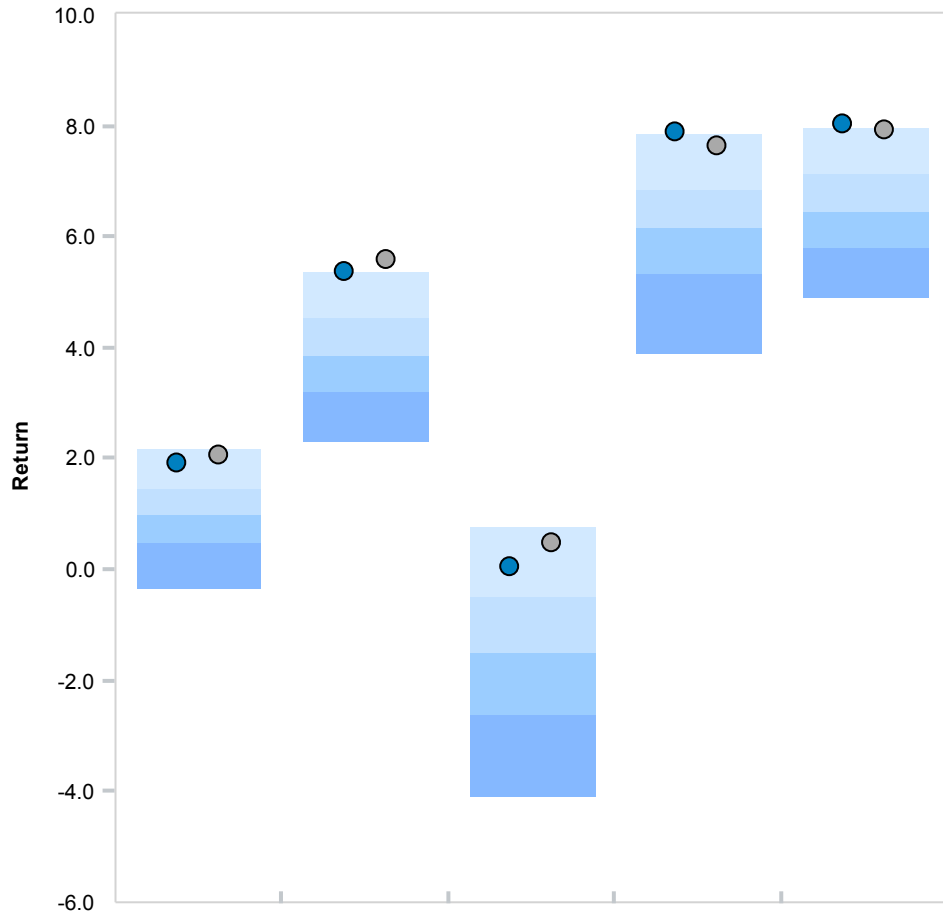
### 3 Year Rolling Percentile Rank All Public Plans-Total Fund



### 5 Year Rolling Percentile Rank All Public Plans-Total Fund

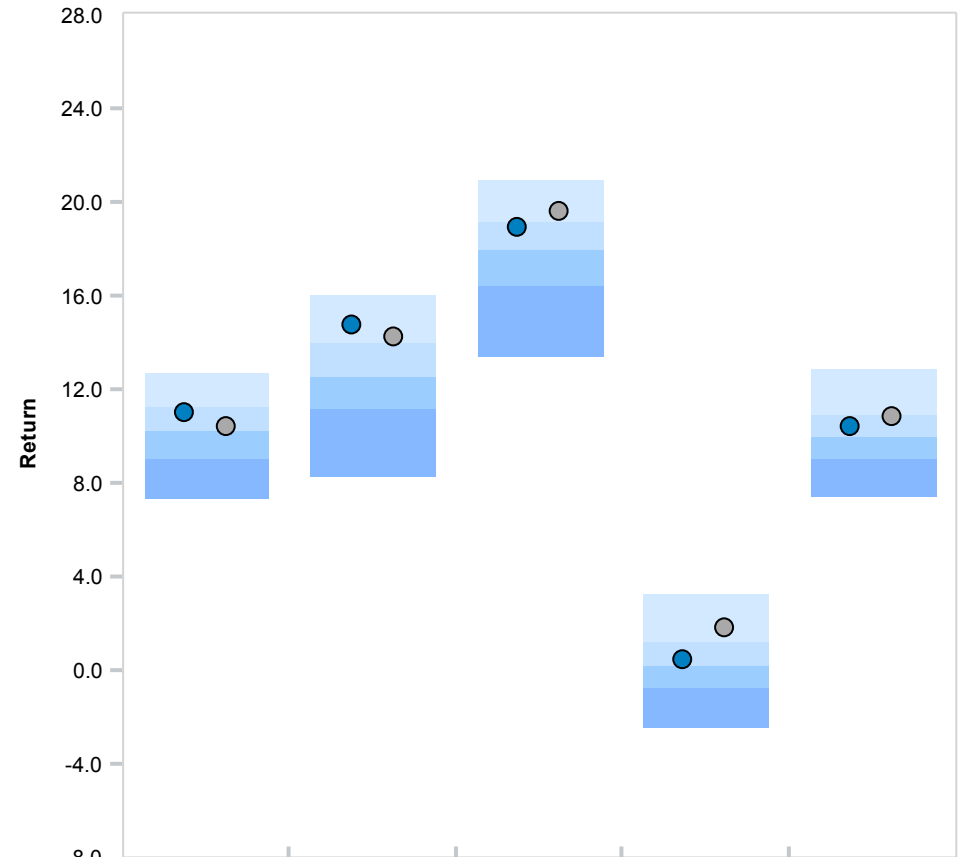


**Peer Group Analysis - All Public Plans-Total Fund**



	QTR	FYTD	1 YR	3 YR	5 YR
Investment	1.89 (9)	5.38 (5)	0.03 (14)	7.88 (5)	8.03 (5)
Index	2.05 (7)	5.56 (4)	0.46 (8)	7.61 (8)	7.91 (6)
Median	0.98	3.86	-1.52	6.17	6.44

**Peer Group Analysis - All Public Plans-Total Fund**



	4 Quarters Ending Sep-2014	4 Quarters Ending Sep-2013	4 Quarters Ending Sep-2012	4 Quarters Ending Sep-2011	4 Quarters Ending Sep-2010
Investment	10.95 (34)	14.75 (16)	18.89 (28)	0.46 (43)	10.42 (37)
Index	10.35 (47)	14.21 (22)	19.60 (18)	1.75 (18)	10.81 (29)
Median	10.18	12.51	17.98	0.15	9.93

**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	3.42 (22)	-5.13 (55)	0.06 (38)	2.88 (20)	3.89 (3)	-1.31 (62)
Index	3.44 (21)	-4.45 (28)	-0.41 (69)	2.41 (52)	3.44 (11)	-1.34 (65)
Median	2.85	-5.03	-0.12	2.43	2.27	-1.14

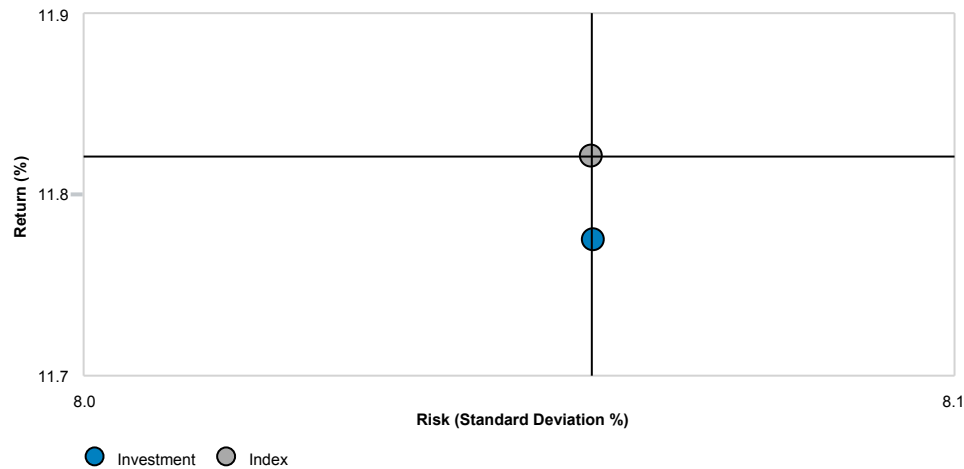
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.78	8.06	1.43	99.77	11.00	100.49	1.00
Index	11.82	8.06	1.44	100.00	11.00	100.00	1.00

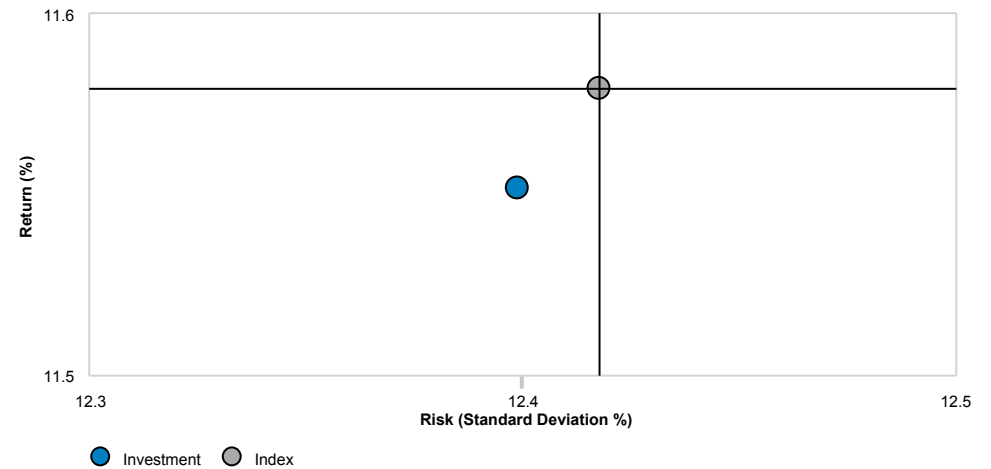
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.55	12.40	0.95	99.79	16.00	99.85	4.00
Index	11.58	12.42	0.95	100.00	16.00	100.00	4.00

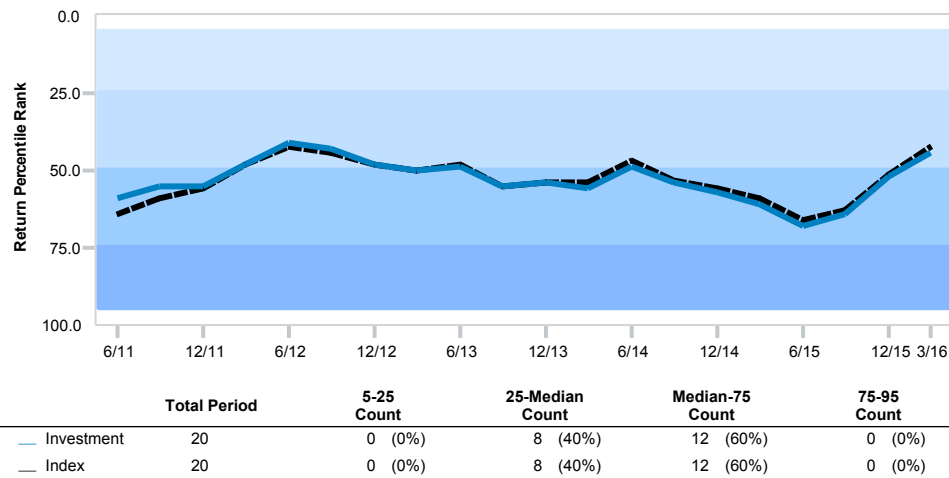
### Risk and Return 3 Years



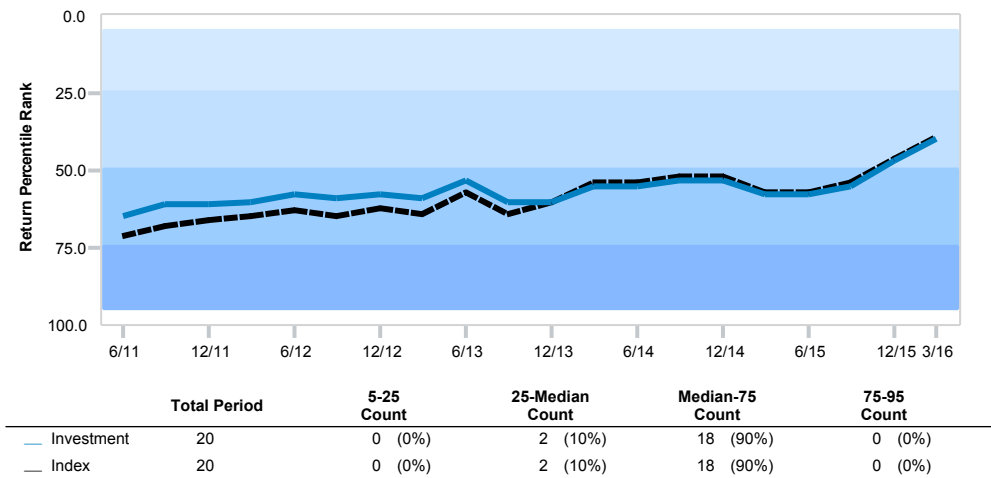
### Risk and Return 5 Years



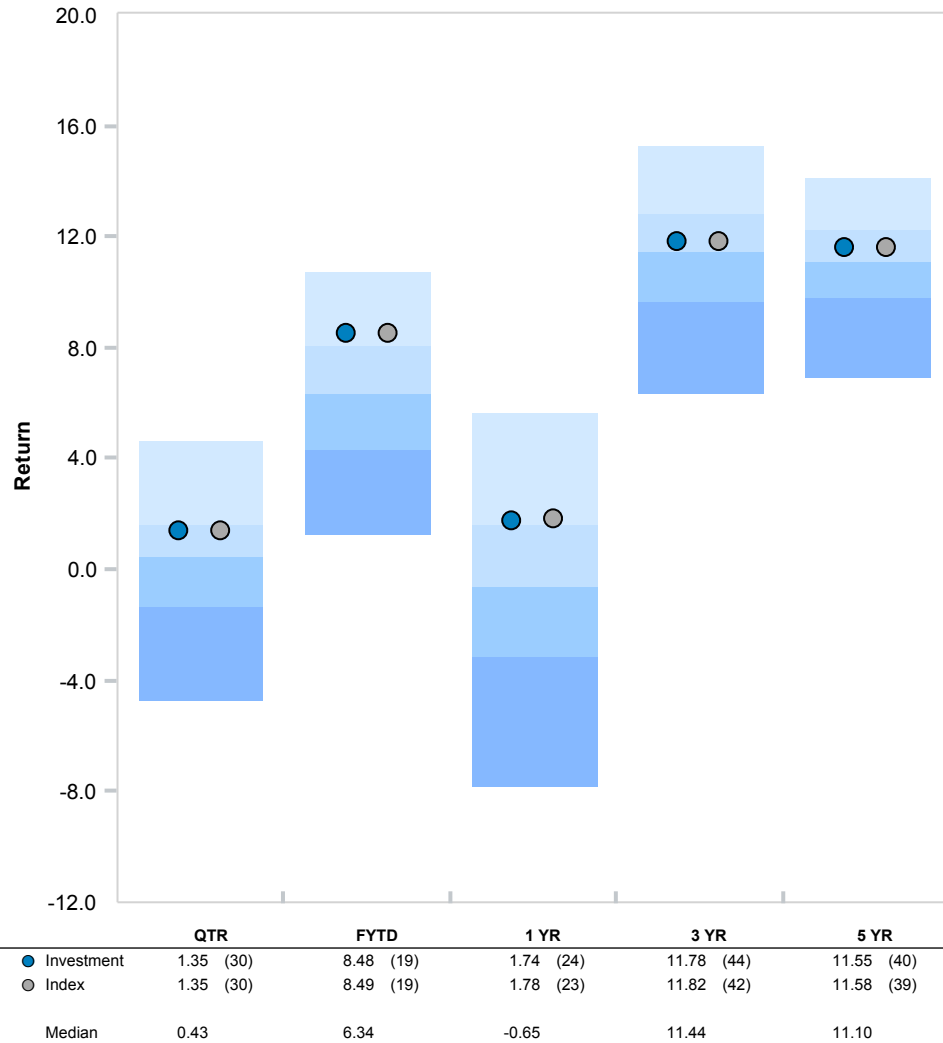
### 3 Year Rolling Percentile Rank IM U.S. Large Cap Equity (SA+CF)



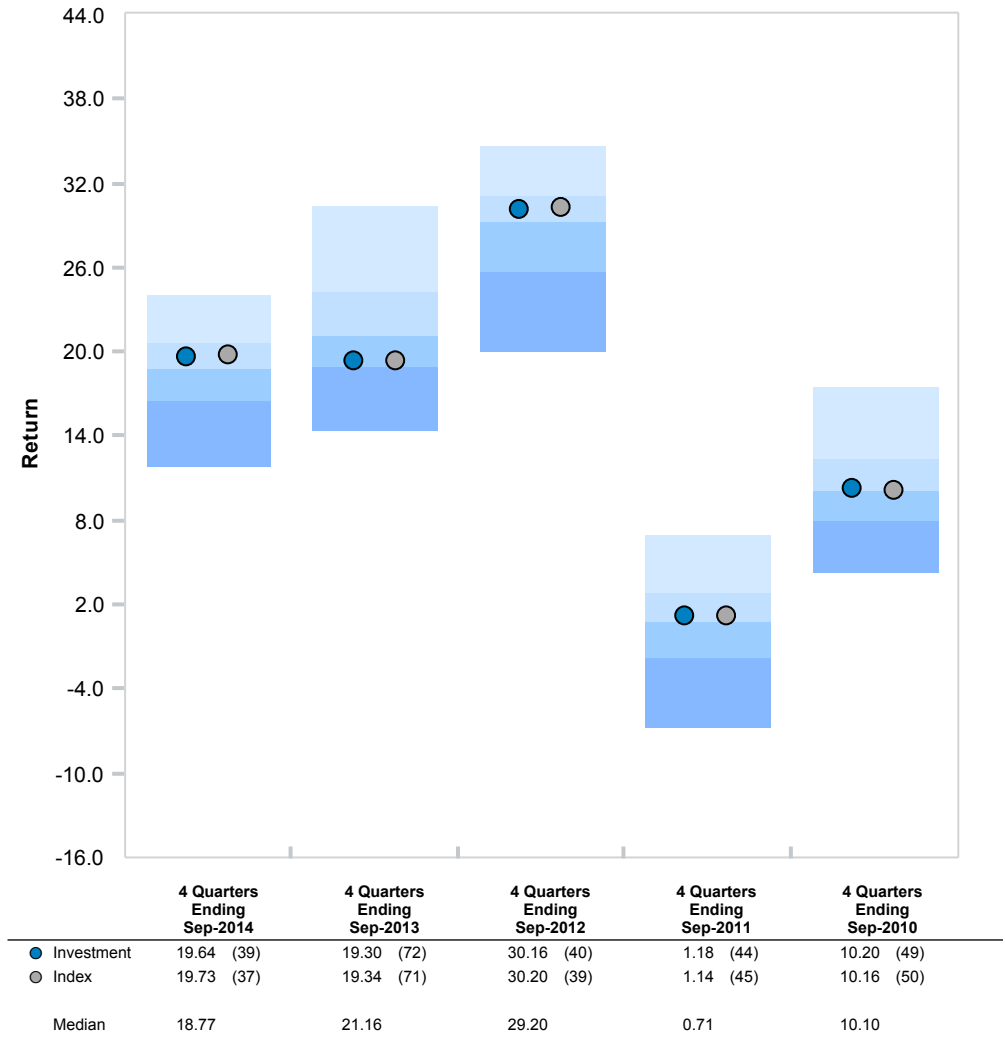
### 5 Year Rolling Percentile Rank IM U.S. Large Cap Equity (SA+CF)



**Peer Group Analysis - IM U.S. Large Cap Equity (SA+CF)**



**Peer Group Analysis - IM U.S. Large Cap Equity (SA+CF)**



**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	7.03 (30)	-6.47 (43)	0.27 (50)	0.95 (67)	4.96 (48)	1.12 (37)
Index	7.04 (29)	-6.44 (42)	0.28 (49)	0.95 (67)	4.93 (49)	1.13 (37)
Median	6.16	-6.80	0.27	1.77	4.91	0.65

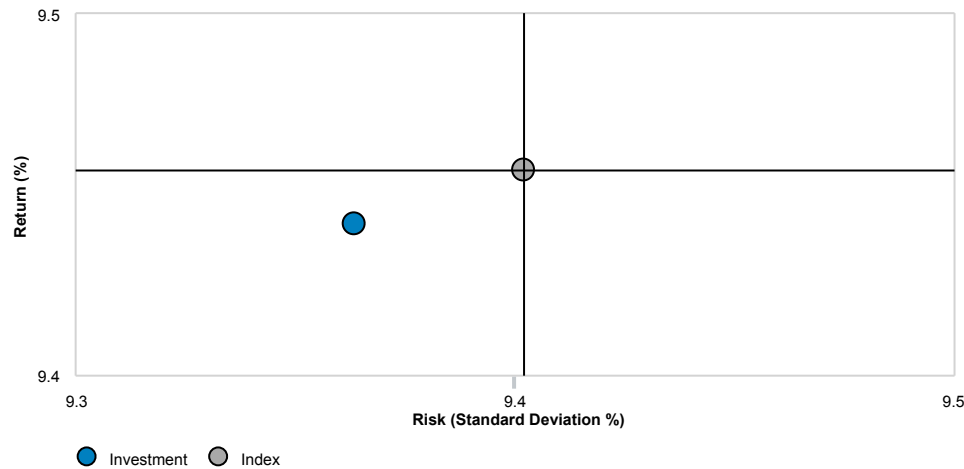
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.44	9.36	1.02	99.71	9.00	99.48	3.00
Index	9.46	9.40	1.01	100.00	9.00	100.00	3.00

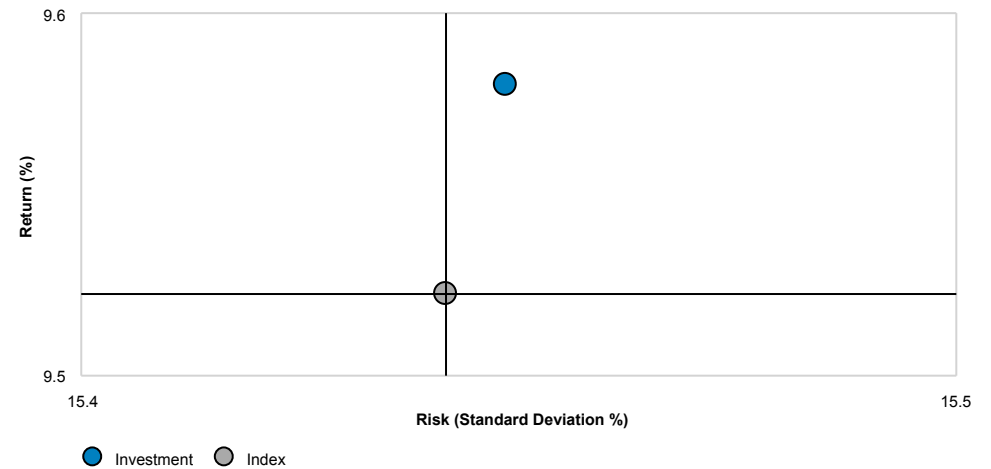
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.58	15.45	0.68	100.10	14.00	99.53	6.00
Index	9.52	15.44	0.67	100.00	14.00	100.00	6.00

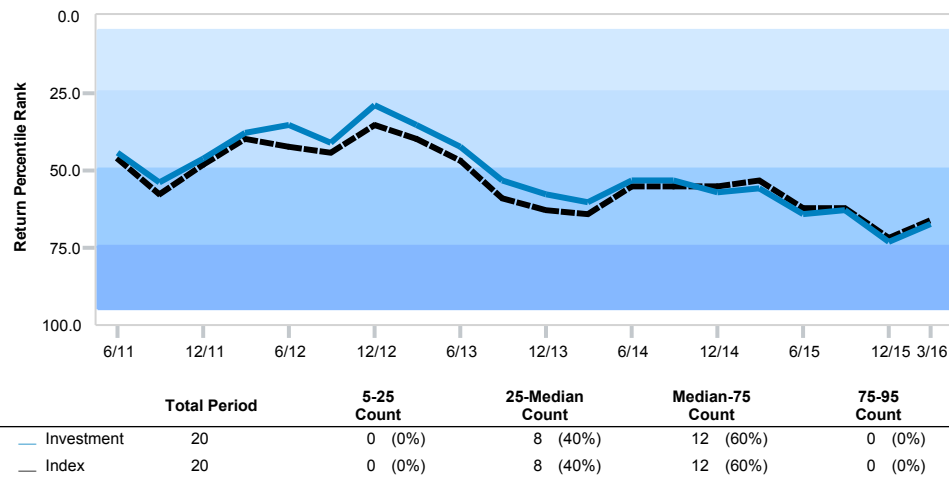
### Risk and Return 3 Years



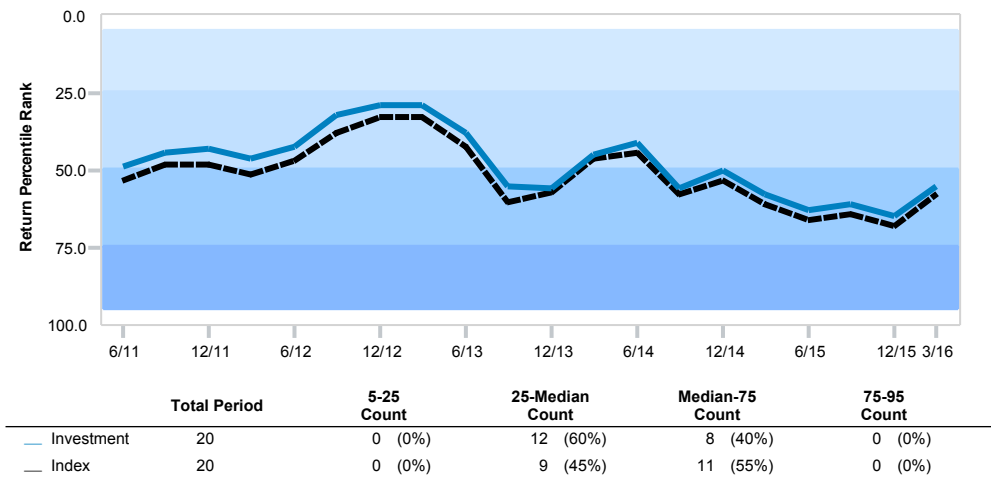
### Risk and Return 5 Years



### 3 Year Rolling Percentile Rank IM U.S. Mid Cap Equity (SA+CF)

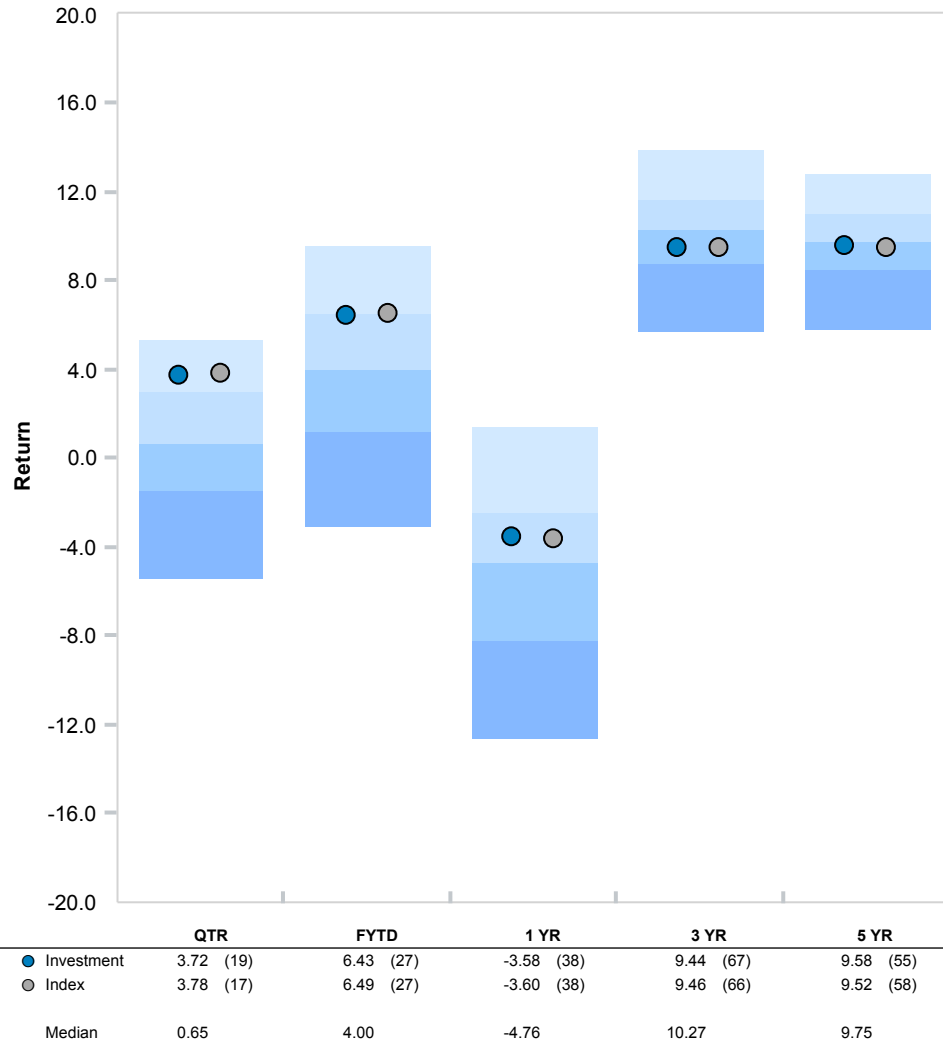


### 5 Year Rolling Percentile Rank IM U.S. Mid Cap Equity (SA+CF)

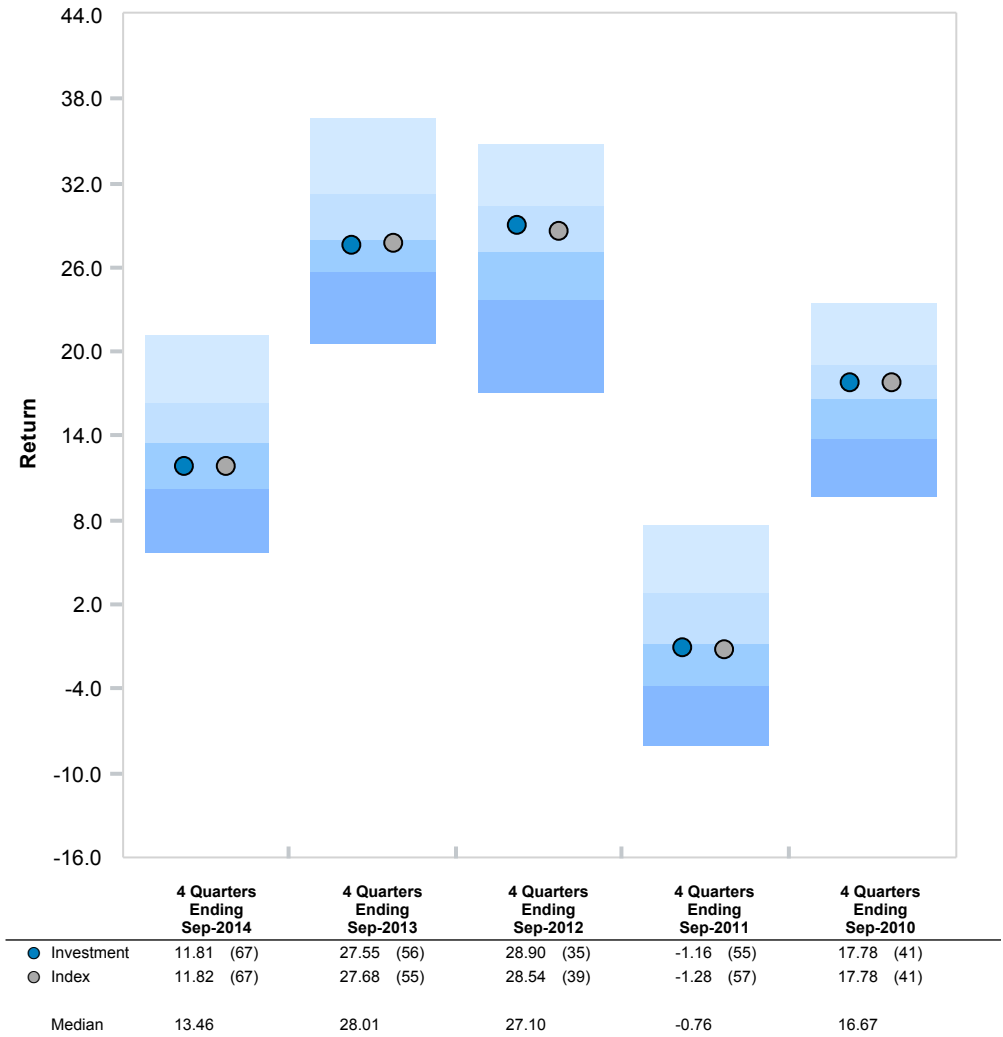




**Peer Group Analysis - IM U.S. Mid Cap Equity (SA+CF)**



**Peer Group Analysis - IM U.S. Mid Cap Equity (SA+CF)**



**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	2.61 (66)	-8.44 (50)	-1.05 (67)	5.33 (42)	6.31 (39)	-3.98 (83)
Index	2.60 (67)	-8.50 (53)	-1.06 (69)	5.31 (44)	6.35 (37)	-3.98 (83)
Median	3.26	-8.47	-0.33	5.01	5.88	-2.06

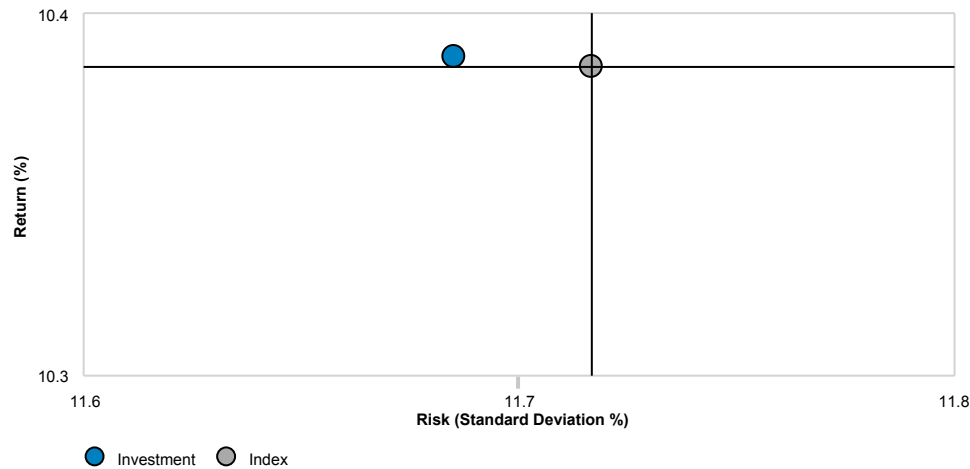
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.39	11.69	0.91	99.83	10.00	99.52	2.00
Index	10.39	11.72	0.91	100.00	10.00	100.00	2.00

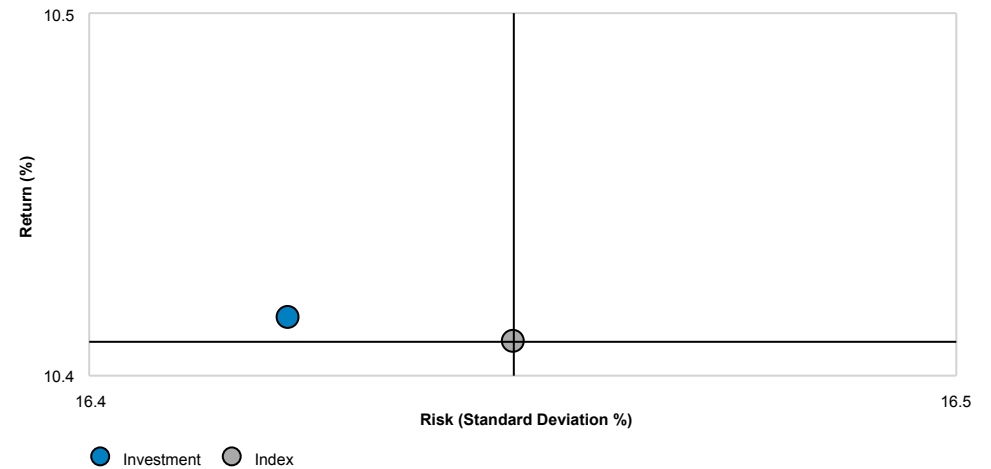
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.42	16.42	0.69	99.84	15.00	99.59	5.00
Index	10.41	16.45	0.69	100.00	15.00	100.00	5.00

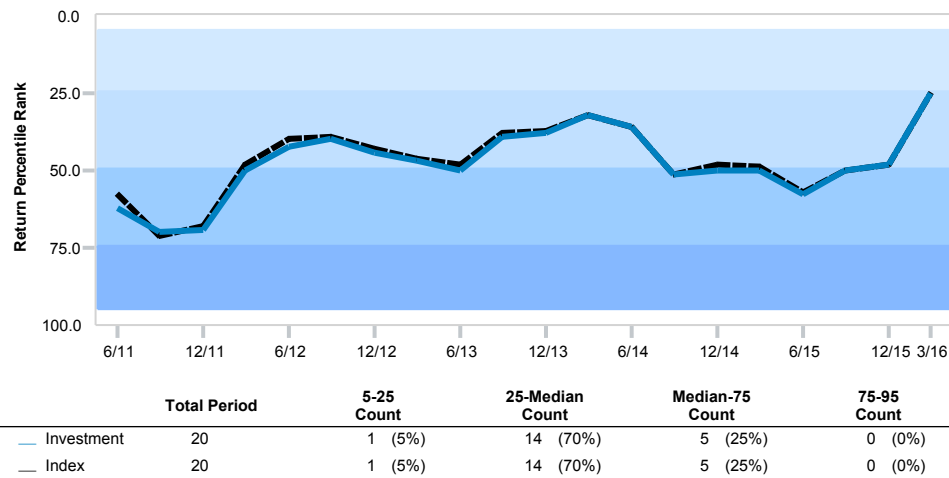
### Risk and Return 3 Years



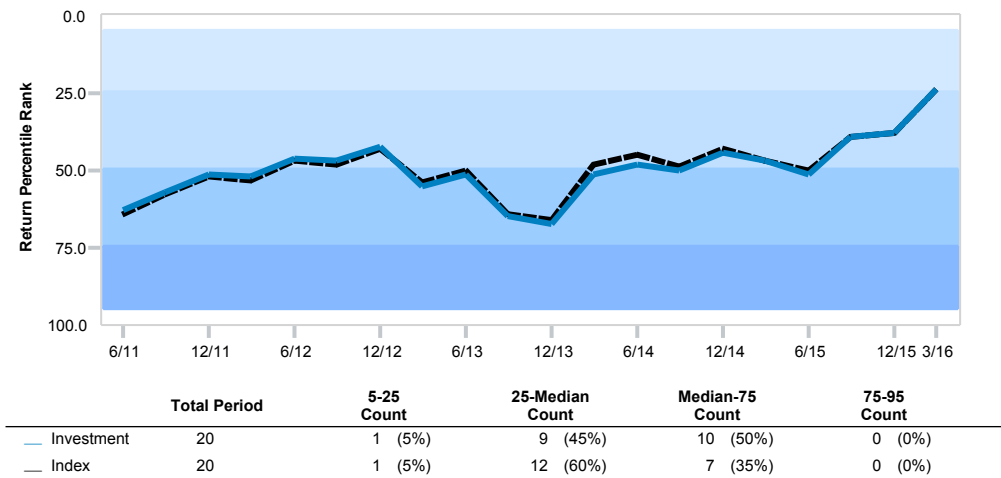
### Risk and Return 5 Years



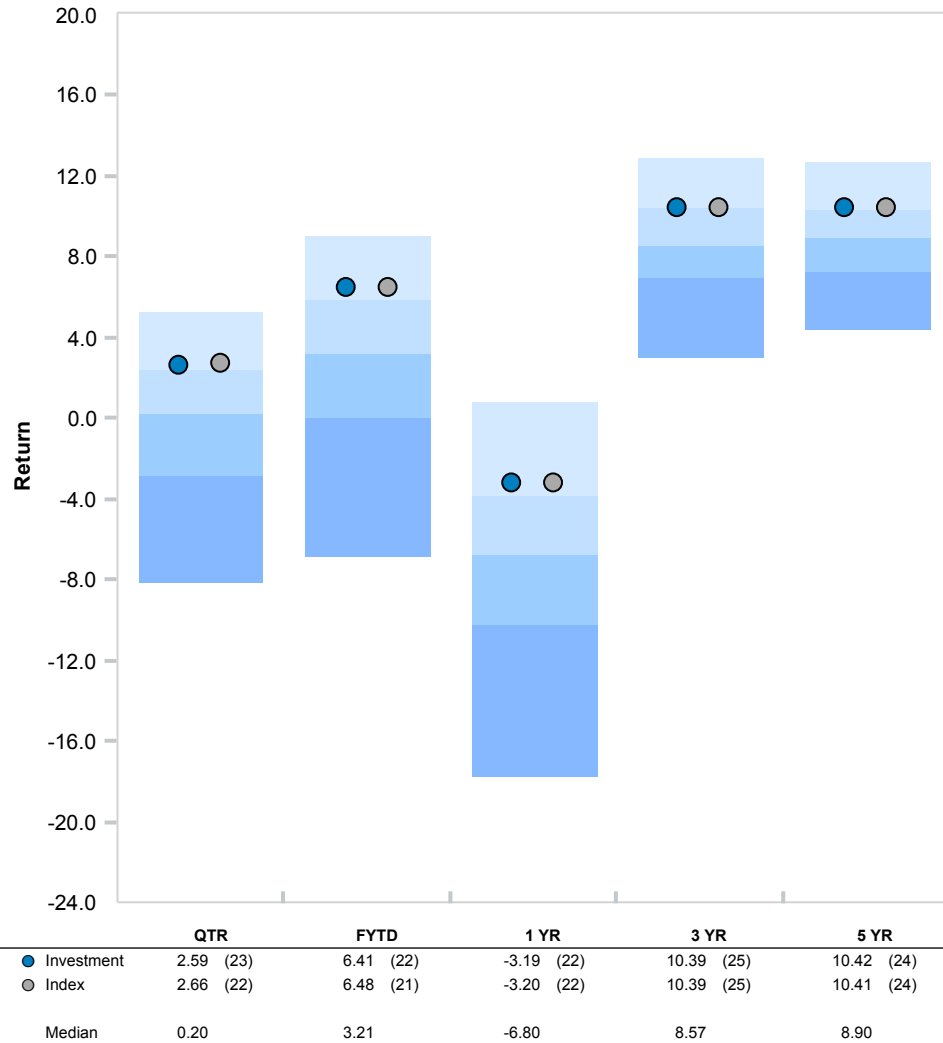
### 3 Year Rolling Percentile Rank IM U.S. Small Cap Equity (SA+CF)



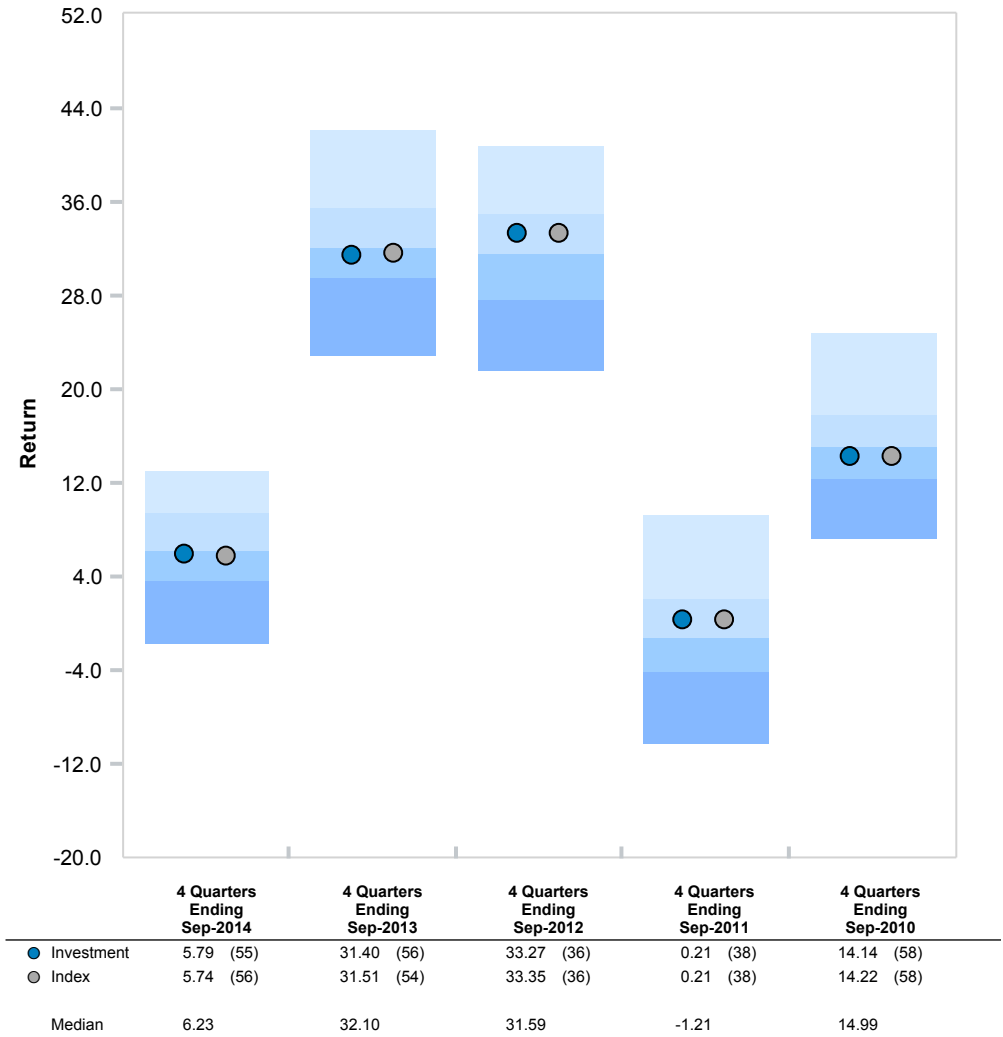
### 5 Year Rolling Percentile Rank IM U.S. Small Cap Equity (SA+CF)



**Peer Group Analysis - IM U.S. Small Cap Equity (SA+CF)**



**Peer Group Analysis - IM U.S. Small Cap Equity (SA+CF)**



**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	3.72 (35)	-9.22 (33)	0.22 (59)	3.98 (63)	9.83 (25)	-6.70 (65)
Index	3.72 (35)	-9.27 (34)	0.19 (60)	3.96 (63)	9.85 (25)	-6.73 (66)
Median	3.07	-10.26	0.54	4.42	8.38	-6.00

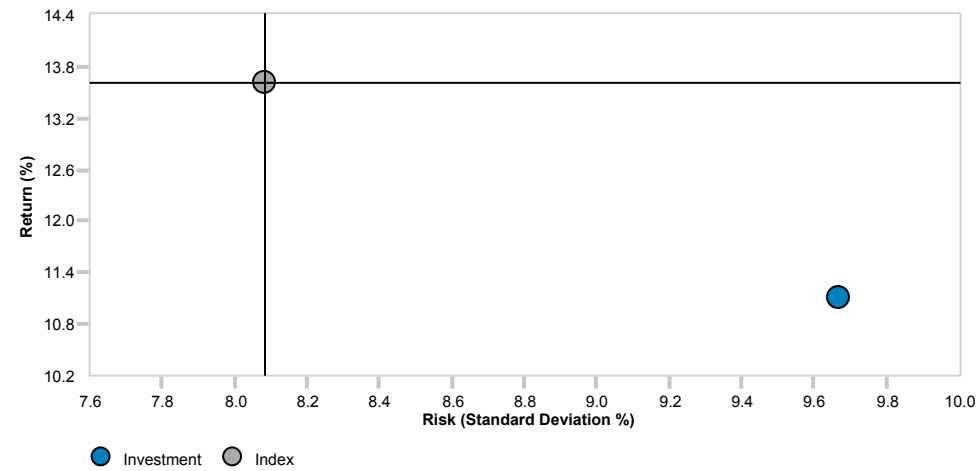
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.11	9.67	1.14	90.85	9.00	143.85	3.00
Index	13.61	8.08	1.63	100.00	11.00	100.00	1.00

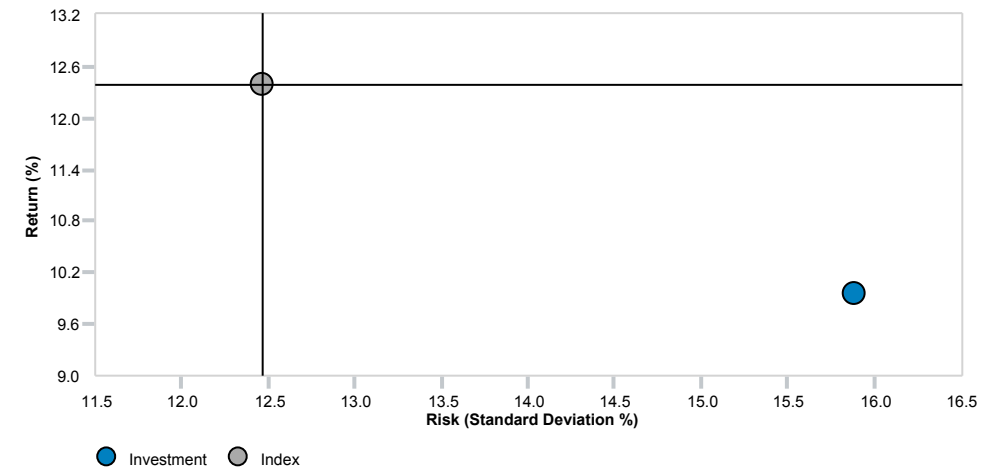
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.94	15.89	0.68	98.09	14.00	129.33	6.00
Index	12.38	12.47	1.01	100.00	16.00	100.00	4.00

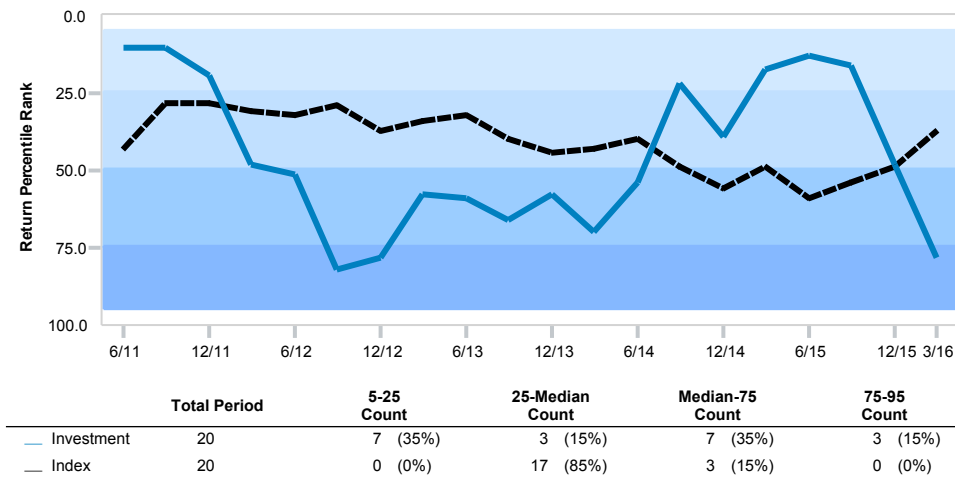
### Risk and Return 3 Years



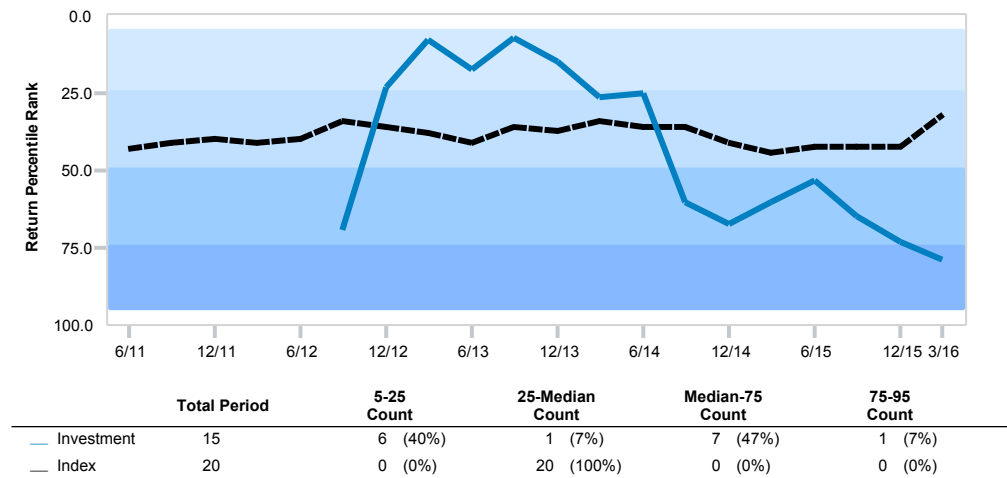
### Risk and Return 5 Years



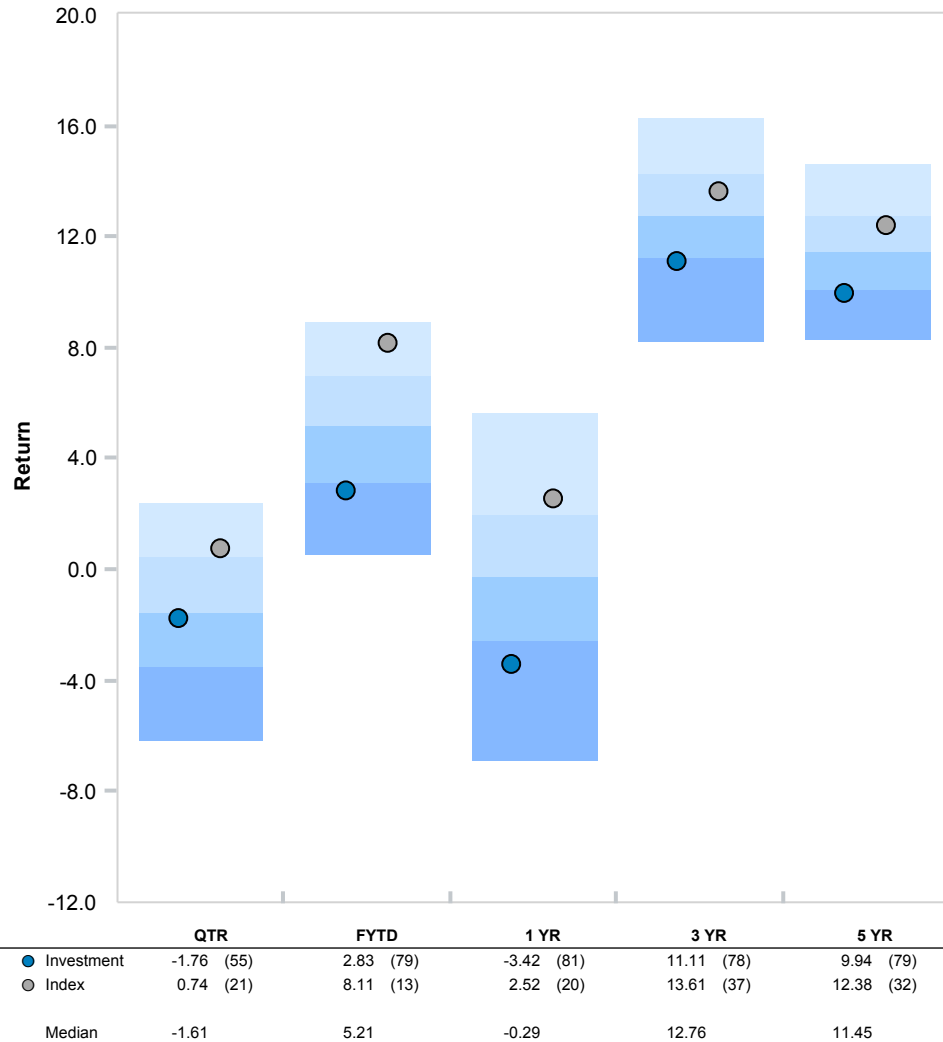
### 3 Year Rolling Percentile Rank IM U.S. Large Cap Growth Equity (SA+CF)



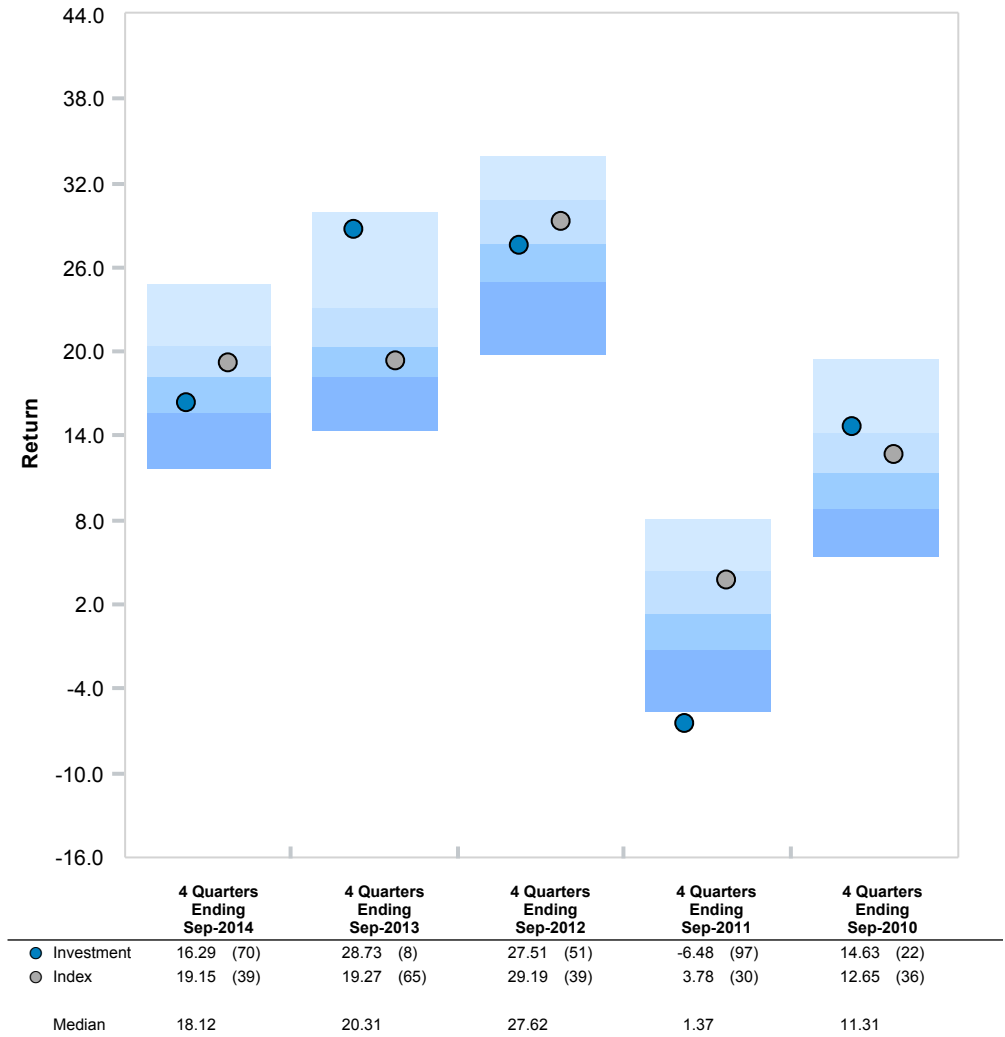
### 5 Year Rolling Percentile Rank IM U.S. Large Cap Growth Equity (SA+CF)



**Peer Group Analysis - IM U.S. Large Cap Growth Equity (SA+CF)**



**Peer Group Analysis - IM U.S. Large Cap Growth Equity (SA+CF)**



**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	4.68 (87)	-7.61 (81)	1.66 (20)	5.93 (12)	5.17 (49)	-0.92 (93)
Index	7.32 (47)	-5.29 (34)	0.12 (66)	3.84 (52)	4.78 (59)	1.49 (41)
Median	7.05	-5.91	0.63	3.93	5.13	1.19

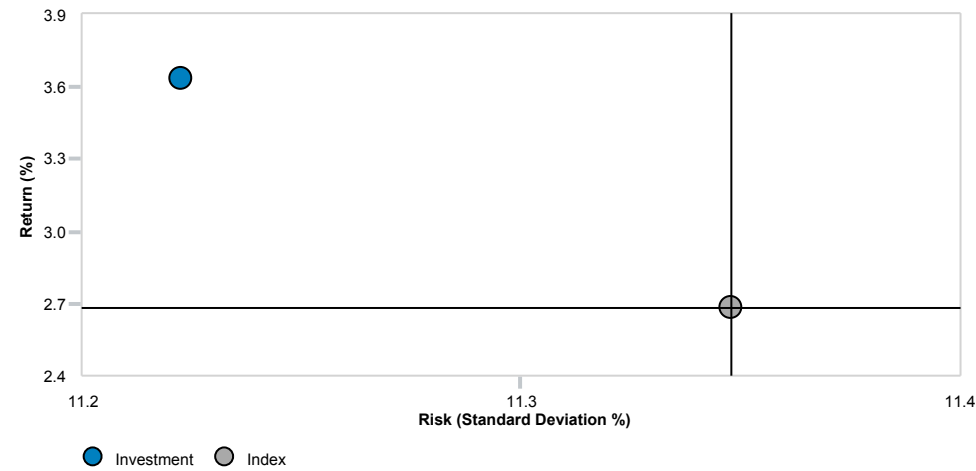
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.63	11.22	0.37	95.98	7.00	82.36	5.00
Index	2.68	11.35	0.29	100.00	7.00	100.00	5.00

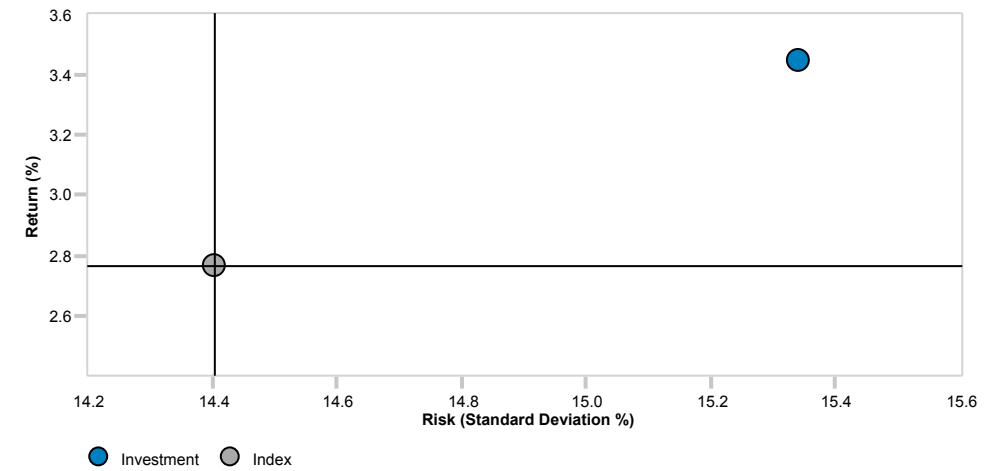
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.45	15.34	0.30	103.20	13.00	96.04	7.00
Index	2.76	14.41	0.26	100.00	13.00	100.00	7.00

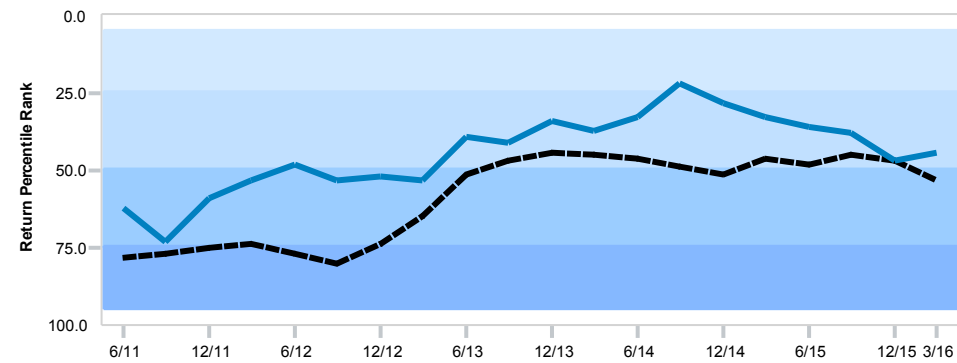
### Risk and Return 3 Years



### Risk and Return 5 Years

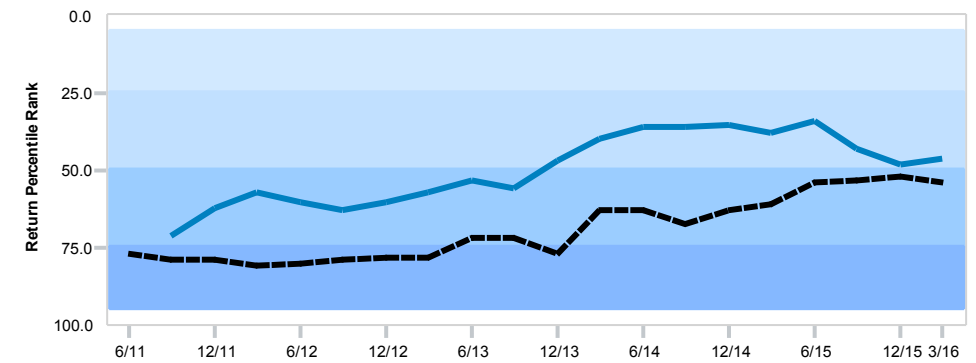


### 3 Year Rolling Percentile Rank IM International Equity (SA+CF)



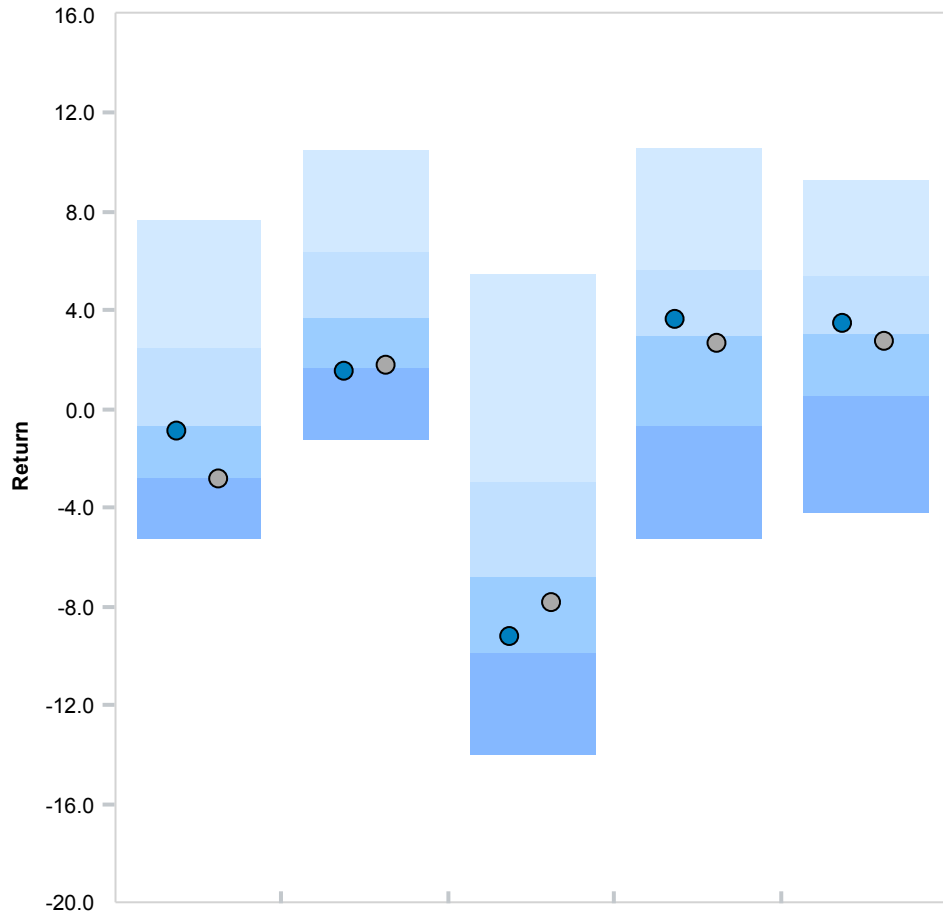
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	1 (5%)	12 (60%)	7 (35%)	0 (0%)
Index	20	0 (0%)	9 (45%)	7 (35%)	4 (20%)

### 5 Year Rolling Percentile Rank IM International Equity (SA+CF)

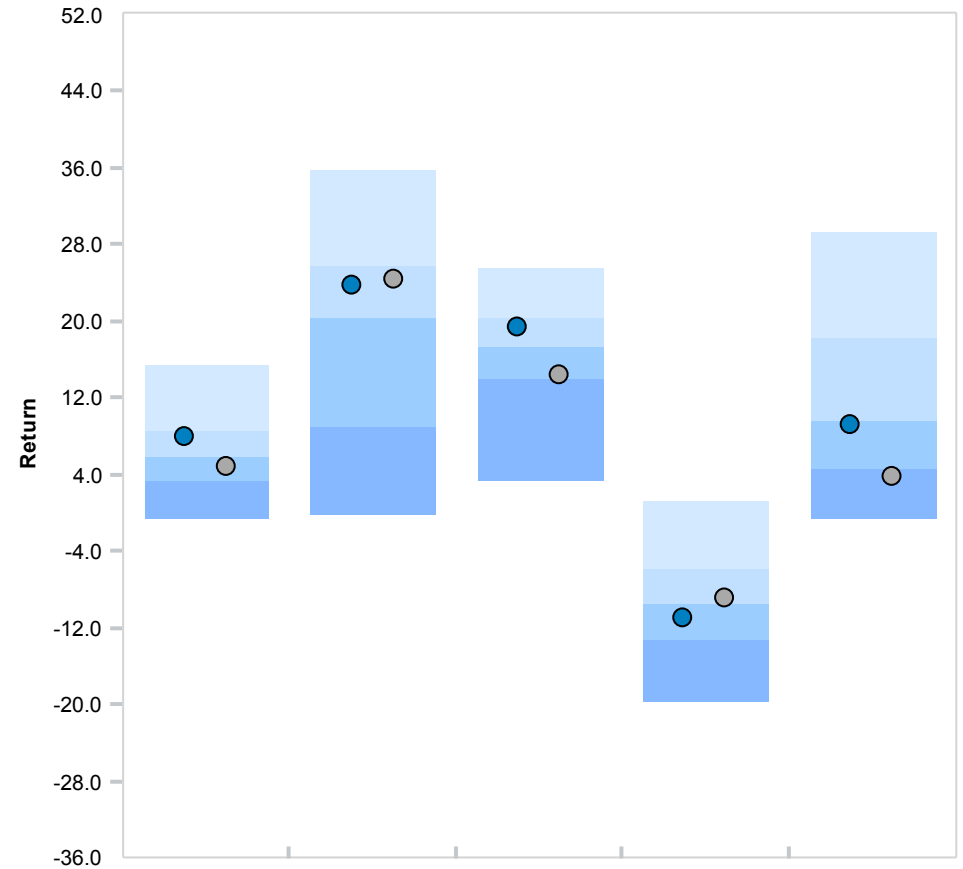


	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	19	0 (0%)	10 (53%)	9 (47%)	0 (0%)
Index	20	0 (0%)	0 (0%)	11 (55%)	9 (45%)

**Peer Group Analysis - IM International Equity (SA+CF)**



**Peer Group Analysis - IM International Equity (SA+CF)**



**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	2.47 (72)	-11.19 (54)	0.63 (68)	4.38 (49)	-1.94 (34)	-4.43 (45)
Index	4.75 (42)	-10.19 (44)	0.84 (63)	5.00 (39)	-3.53 (61)	-5.83 (70)
Median	4.30	-10.78	1.45	4.24	-2.97	-4.79



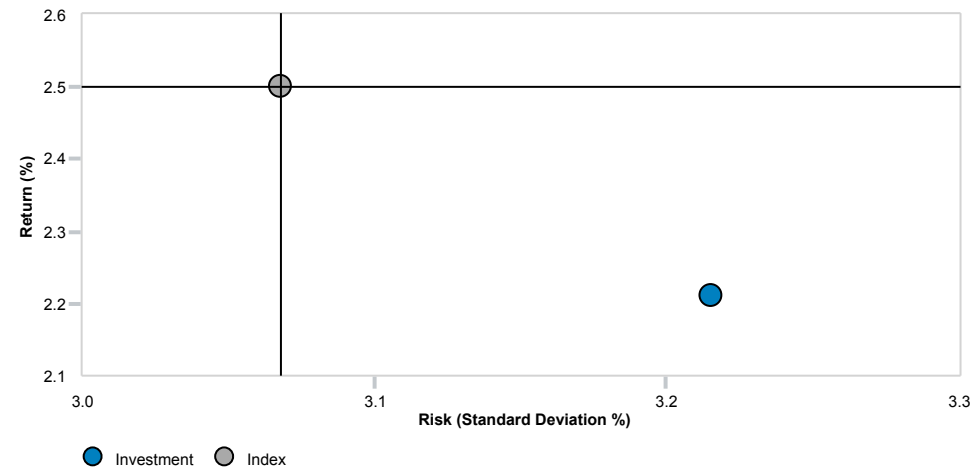
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.21	3.22	0.68	92.75	9.00	98.86	3.00
Index	2.50	3.07	0.81	100.00	8.00	100.00	4.00

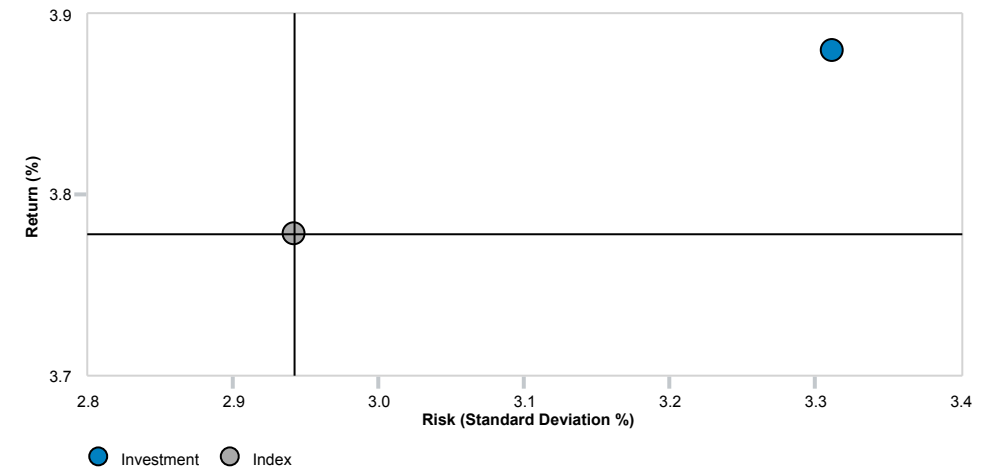
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.88	3.31	1.16	102.09	14.00	98.85	6.00
Index	3.78	2.94	1.26	100.00	15.00	100.00	5.00

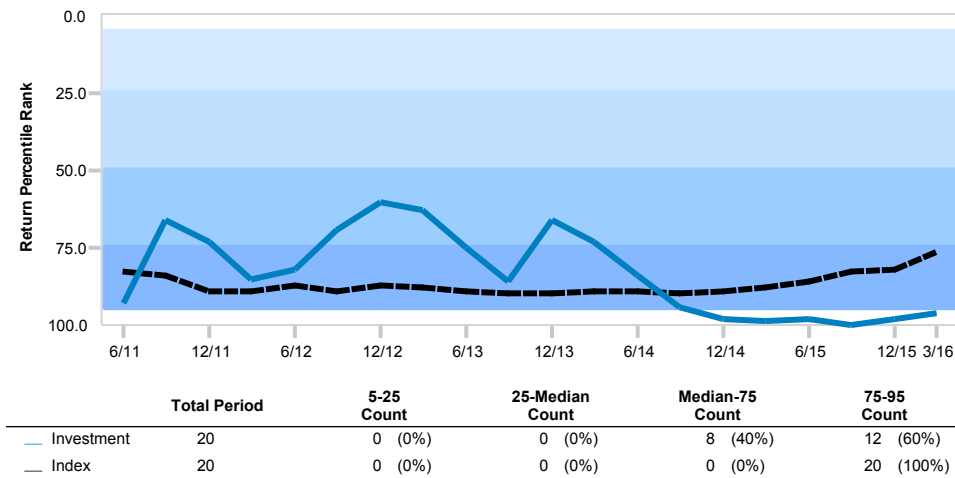
### Risk and Return 3 Years



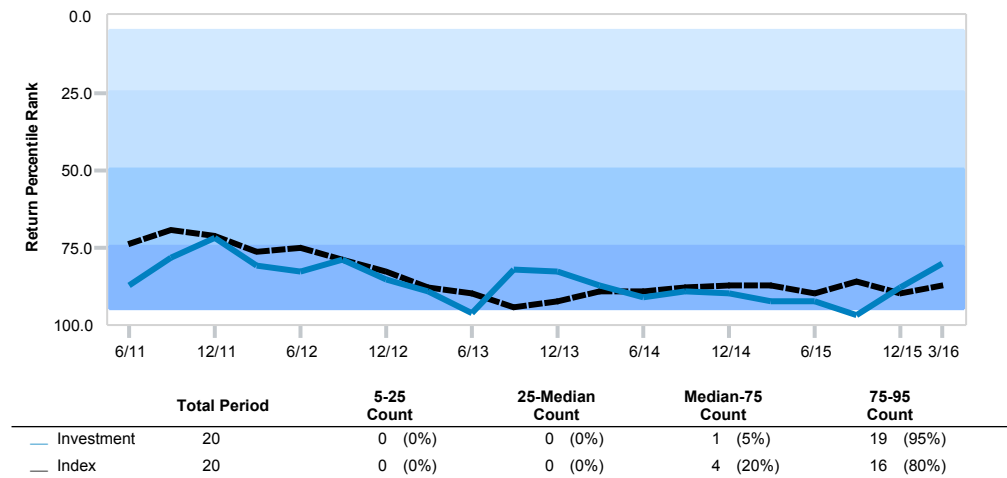
### Risk and Return 5 Years



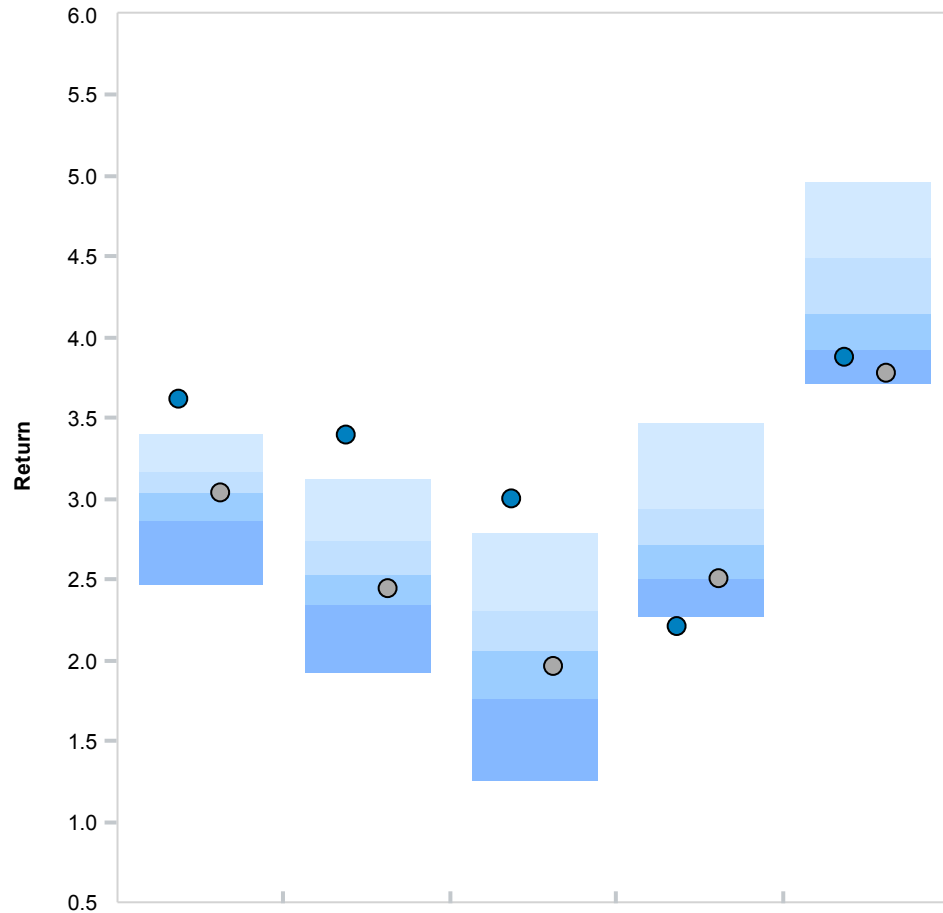
### 3 Year Rolling Percentile Rank IM U.S. Broad Market Core Fixed Income (SA+CF)



### 5 Year Rolling Percentile Rank IM U.S. Broad Market Core Fixed Income (SA+CF)

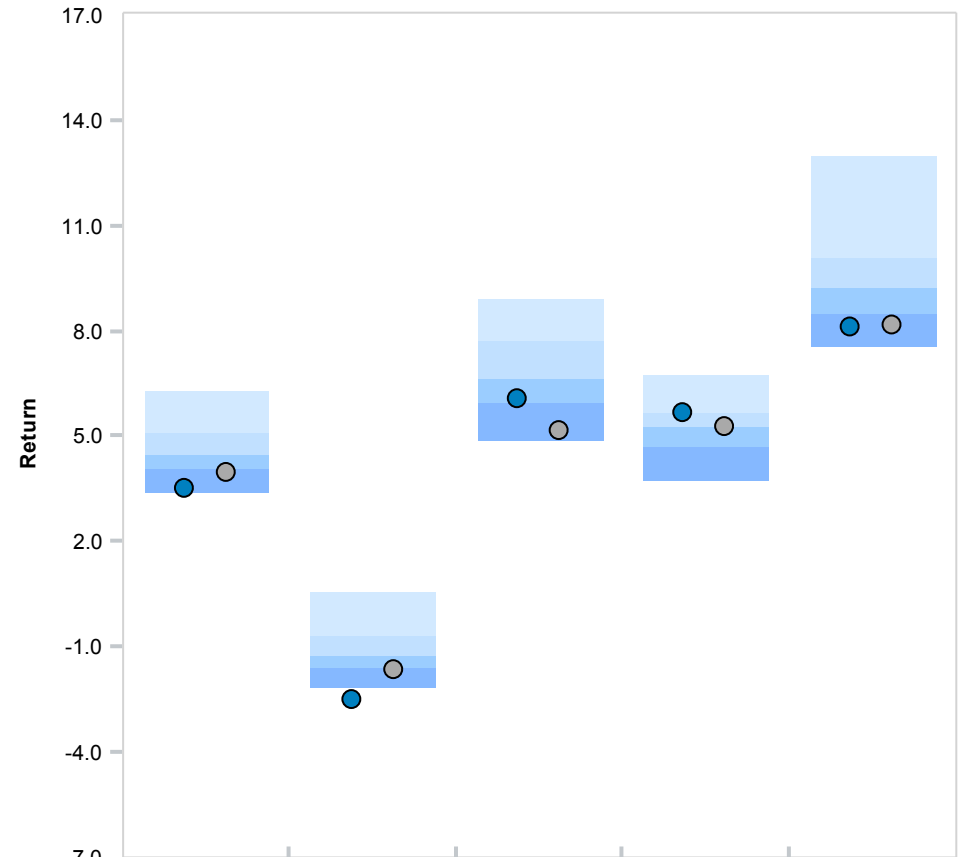


**Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF)**



	QTR	FYTD	1 YR	3 YR	5 YR
Investment	3.61 (1)	3.40 (1)	3.00 (4)	2.21 (96)	3.88 (80)
Index	3.03 (52)	2.44 (65)	1.96 (60)	2.50 (76)	3.78 (87)
Median	3.04	2.53	2.06	2.71	4.14

**Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF)**



	4 Quarters Ending Sep-2014	4 Quarters Ending Sep-2013	4 Quarters Ending Sep-2012	4 Quarters Ending Sep-2011	4 Quarters Ending Sep-2010
Investment	3.51 (94)	-2.54 (99)	6.07 (71)	5.66 (26)	8.09 (89)
Index	3.96 (80)	-1.68 (80)	5.16 (91)	5.26 (49)	8.16 (87)
Median	4.47	-1.27	6.59	5.25	9.20

**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	-0.21 (11)	1.21 (43)	-1.58 (46)	1.54 (86)	1.06 (96)	0.19 (55)
Index	-0.57 (72)	1.23 (41)	-1.68 (72)	1.61 (74)	1.79 (39)	0.17 (66)
Median	-0.45	1.15	-1.60	1.74	1.74	0.21

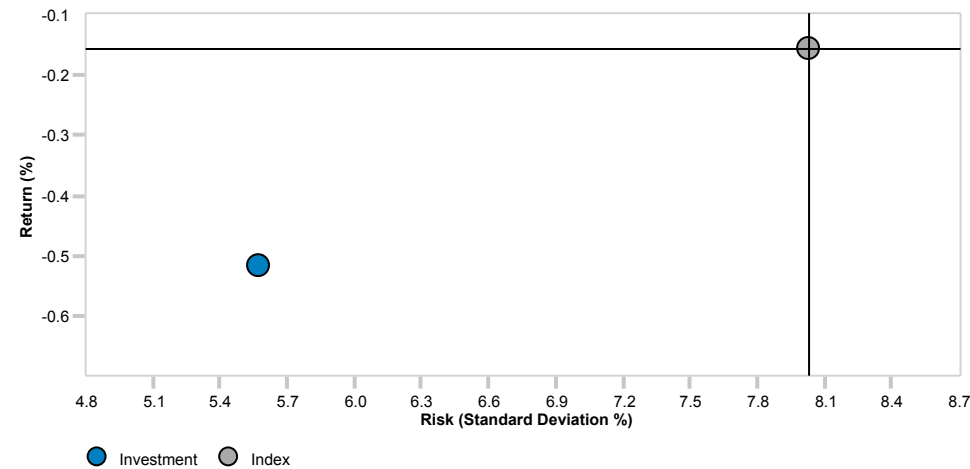
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-0.52	5.57	-0.07	21.74	7.00	27.61	5.00
Index	-0.16	8.03	0.01	100.00	5.00	100.00	7.00

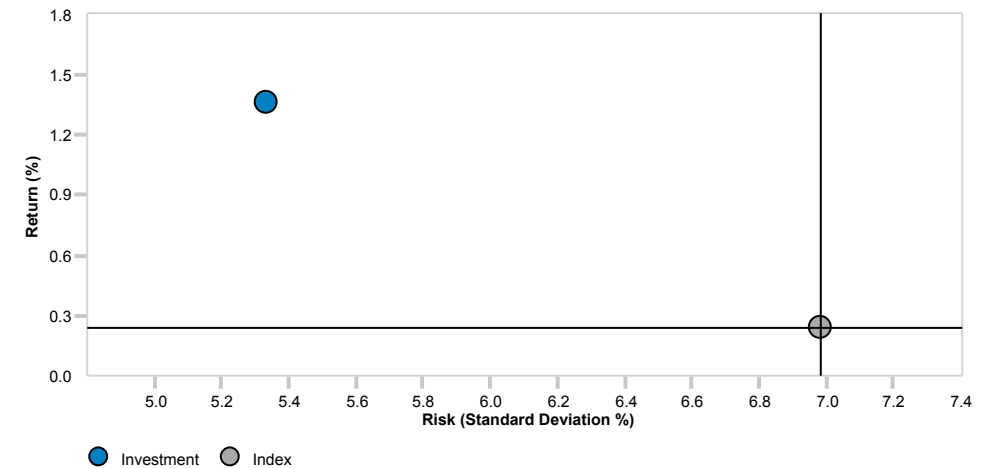
### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.36	5.33	0.27	34.59	12.00	10.03	8.00
Index	0.24	6.98	0.06	100.00	9.00	100.00	11.00

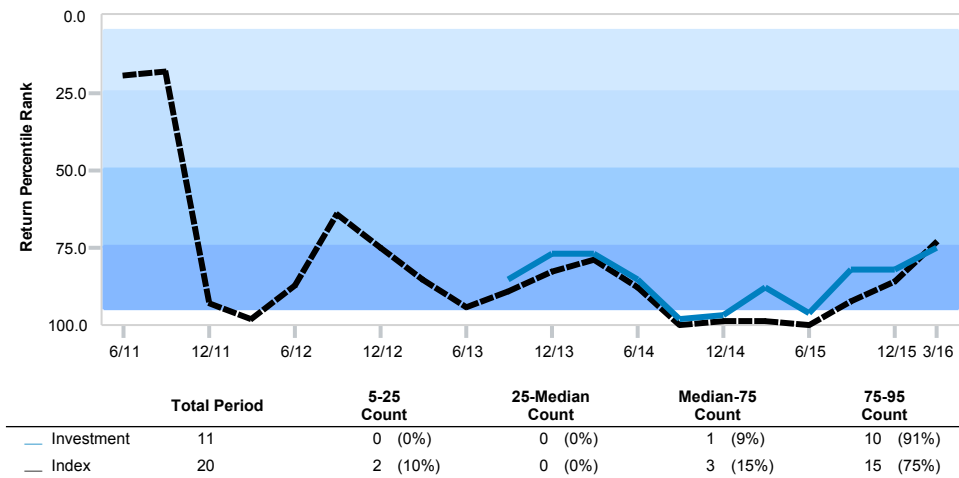
### Risk and Return 3 Years



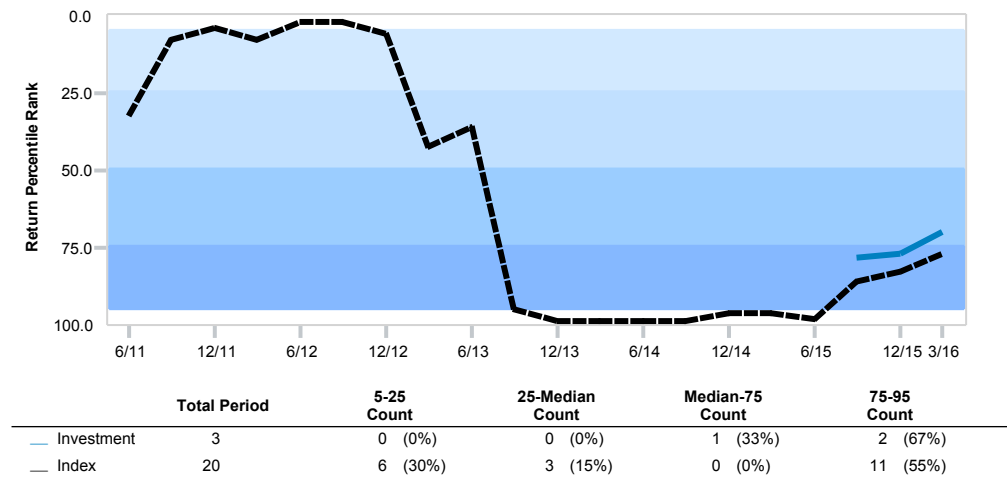
### Risk and Return 5 Years



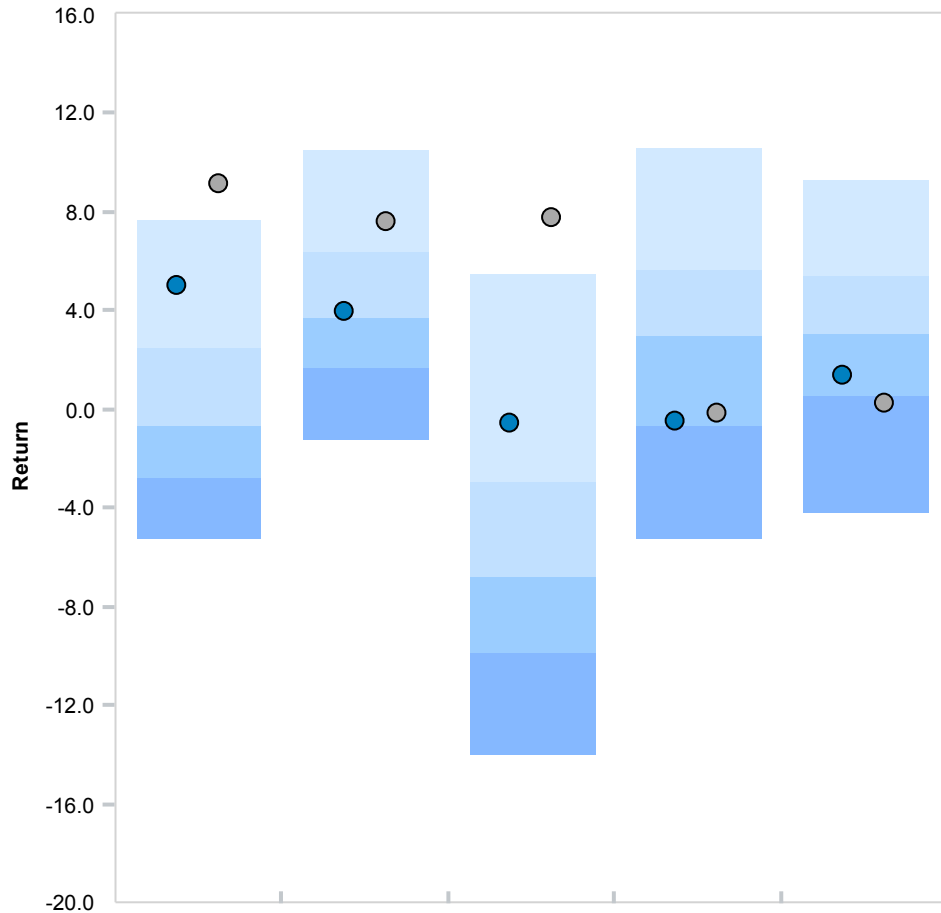
### 3 Year Rolling Percentile Rank IM International Equity (SA+CF)



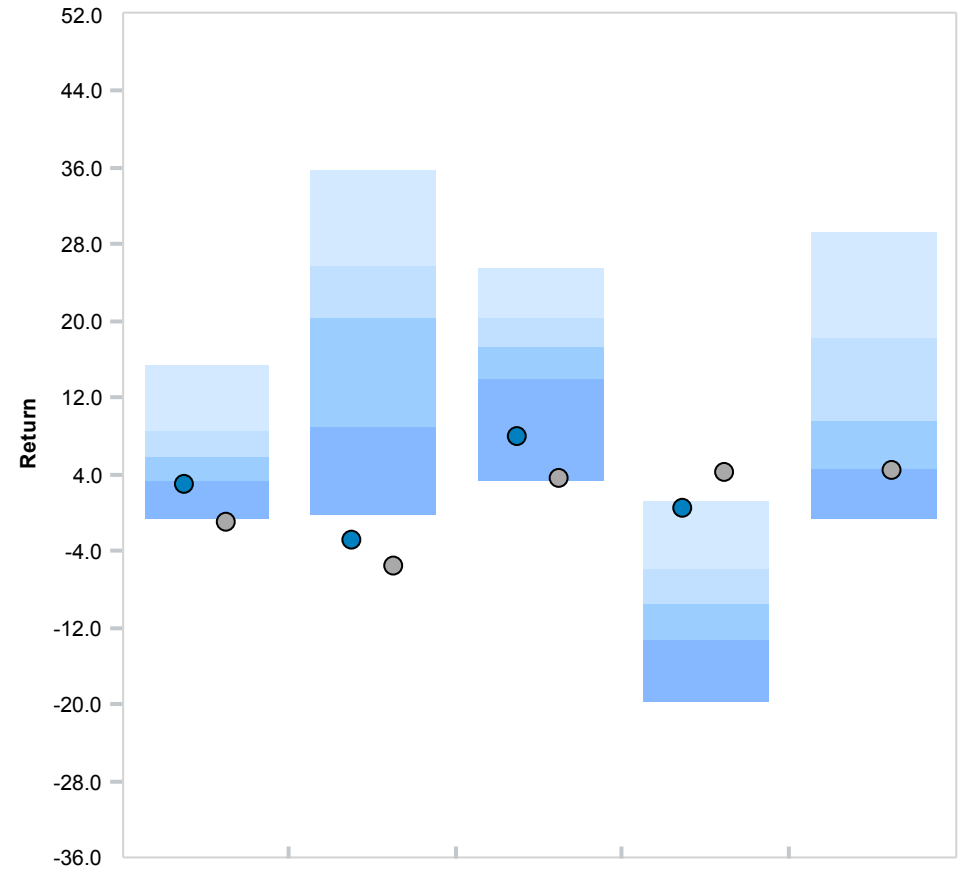
### 5 Year Rolling Percentile Rank IM International Equity (SA+CF)



**Peer Group Analysis - IM International Equity (SA+CF)**



**Peer Group Analysis - IM International Equity (SA+CF)**



**Comparative Performance**

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	-1.02 (94)	-5.70 (11)	1.42 (51)	0.37 (90)	-0.84 (21)	-1.62 (17)
Index	-1.38 (95)	1.71 (1)	-1.54 (92)	-4.36 (99)	-2.91 (50)	-5.38 (61)
Median	4.30	-10.78	1.45	4.24	-2.97	-4.79

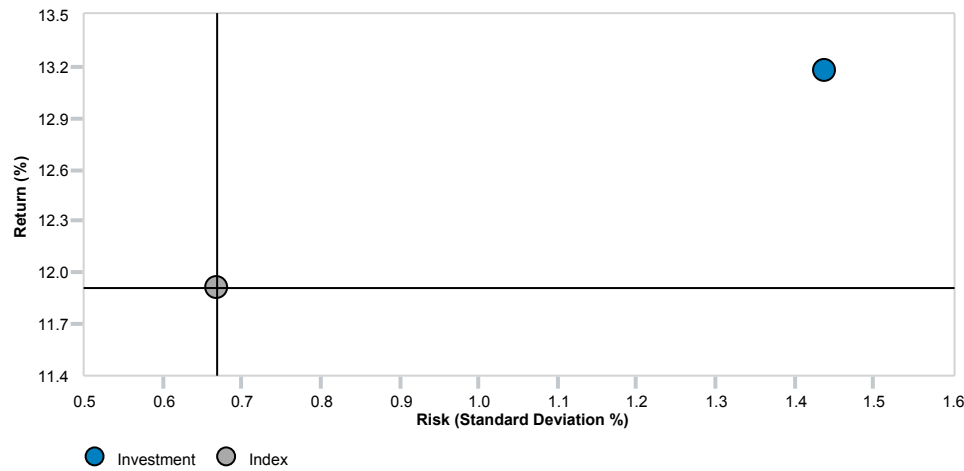
### Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	13.18	1.44	8.68	110.21	12.00	N/A	N/A
Index	11.91	0.67	16.53	100.00	12.00	N/A	N/A

### Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	11.93	0.81	13.93	100.00	20.00	N/A	N/A

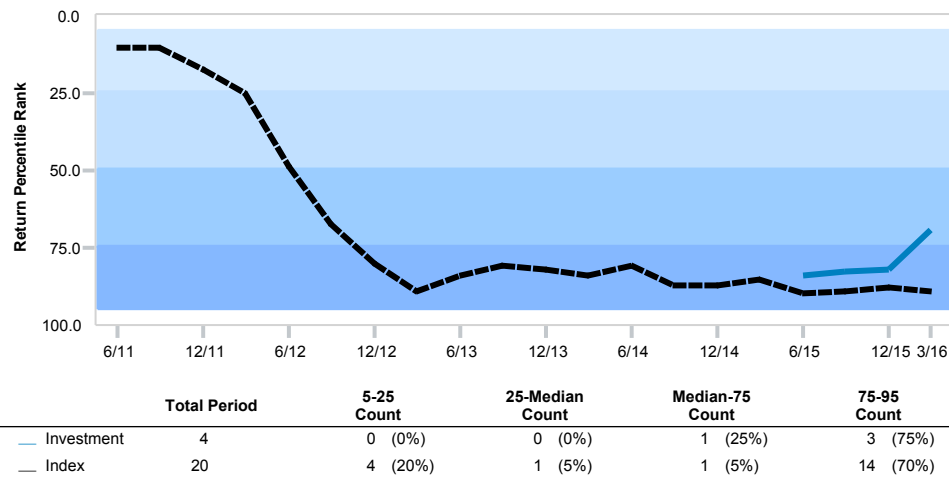
### Risk and Return 3 Years



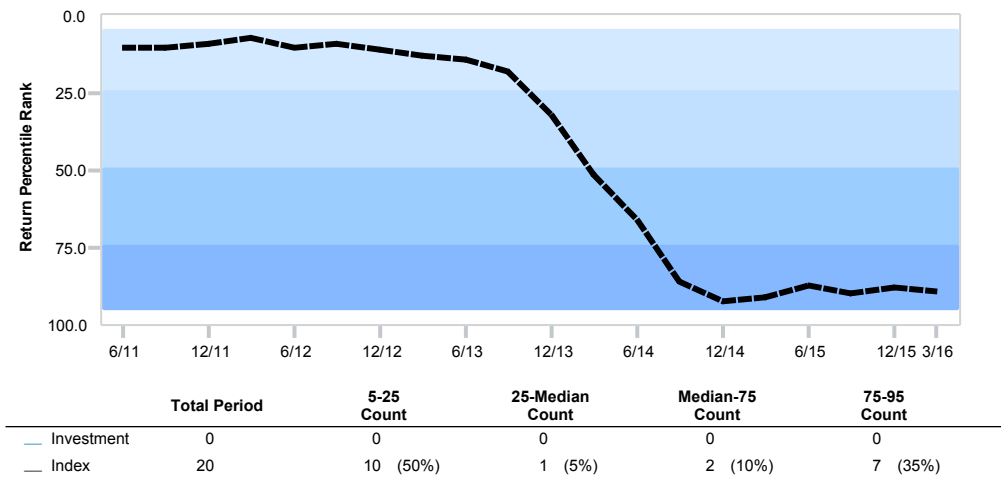
### Risk and Return 5 Years



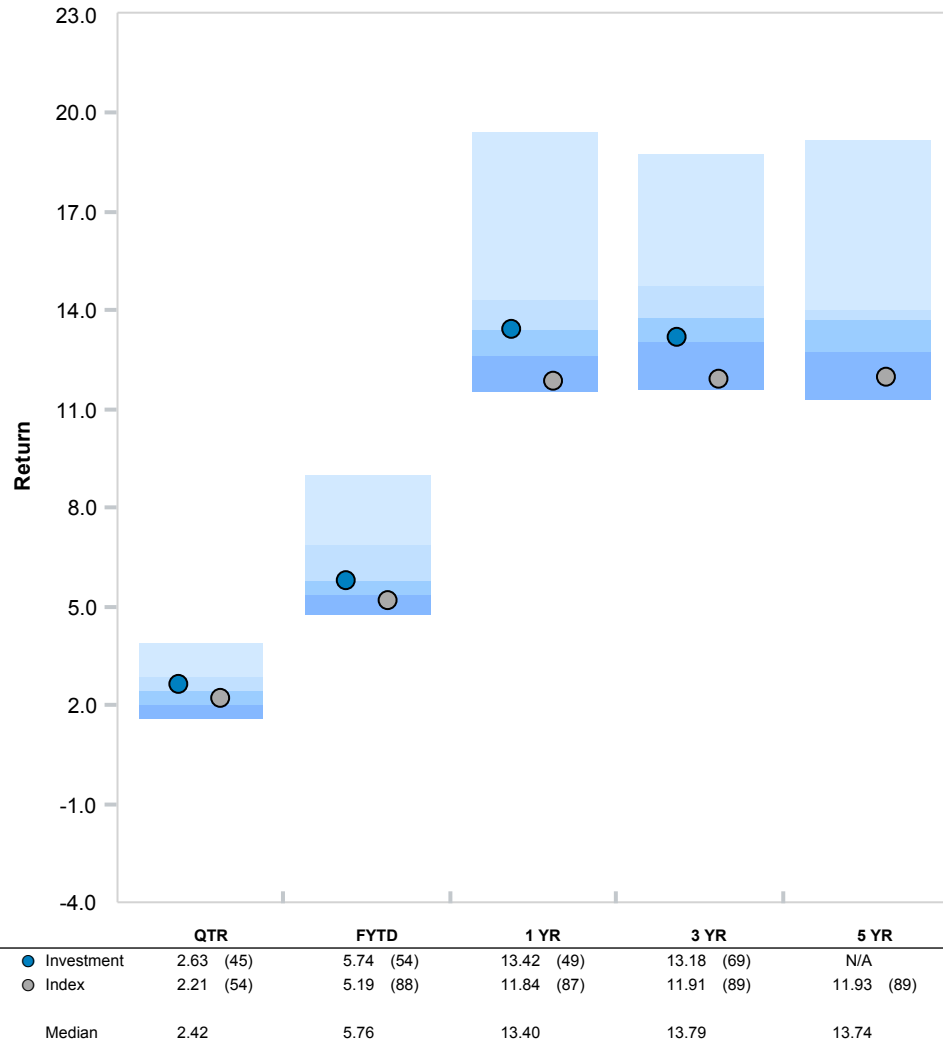
### 3 Year Rolling Percentile Rank IM U.S. Private Real Estate (SA+CF)



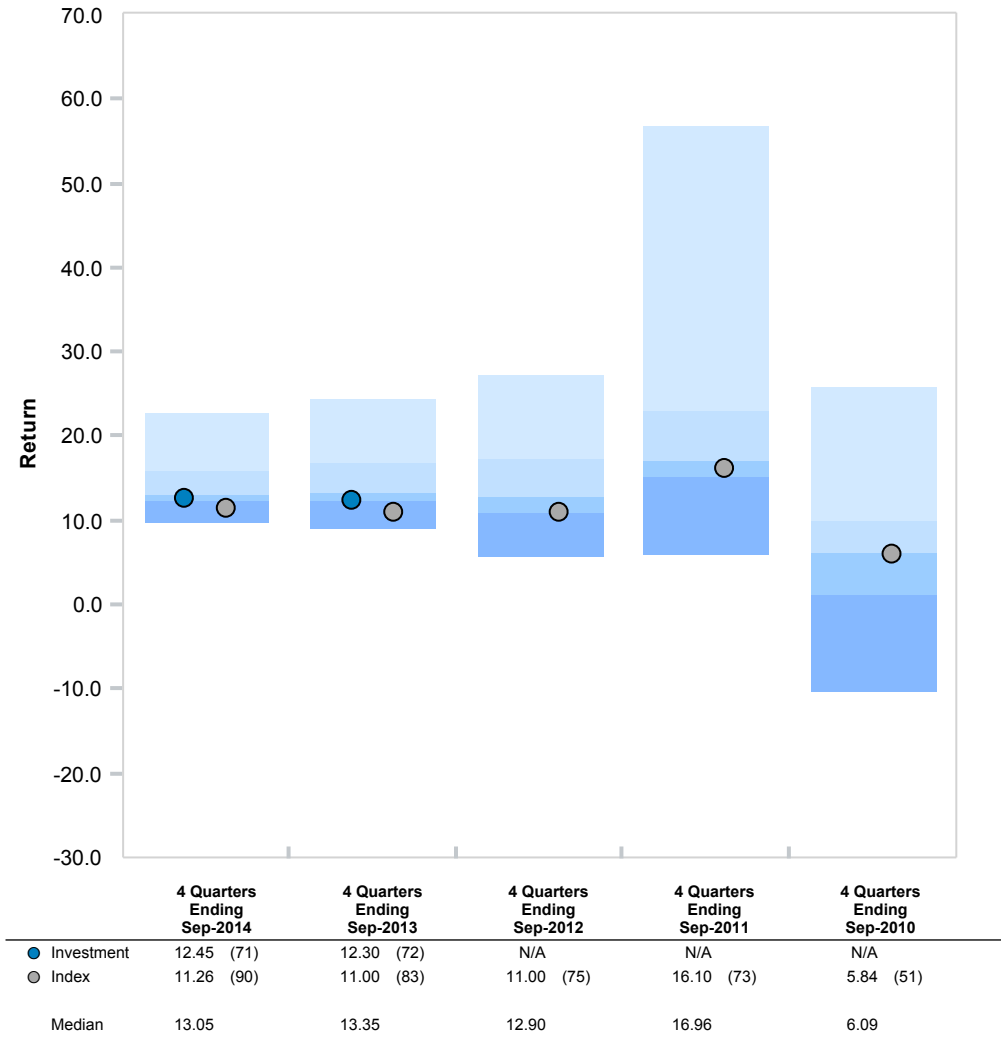
### 5 Year Rolling Percentile Rank IM U.S. Private Real Estate (SA+CF)



Peer Group Analysis - IM U.S. Private Real Estate (SA+CF)



Peer Group Analysis - IM U.S. Private Real Estate (SA+CF)



Comparative Performance

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Investment	3.03 (82)	3.39 (60)	3.74 (55)	4.44 (35)	1.81 (94)	2.04 (88)
Index	2.91 (91)	3.09 (72)	3.14 (76)	3.57 (55)	3.04 (63)	2.63 (82)
Median	3.69	3.48	3.83	3.94	3.71	3.38

**Benchmark History**  
**Investment Policy Benchmarks**  
As of March 31, 2016

Total Policy Historical Hybrid Composition		Total Equity Historical Hybrid Composition	
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
<b>Sep-1992</b>		<b>Jun-2000</b>	
Barclays Aggregate Index	35.00	S&P 500 Index	100.00
S&P 500 Index	25.00		
S&P MidCap 400 Index	10.00	<b>Jan-2003</b>	
Russell 1000 Growth Index	10.00	S&P 500 Index	80.00
MSCI EAFE Index	10.00	S&P MidCap 400 Index	20.00
S&P SmallCap 600	10.00		
<b>Oct-2010</b>		<b>Jan-2004</b>	
Barclays Aggregate Index	31.00	S&P 500 Index	60.00
S&P 500 Index	25.00	S&P MidCap 400 Index	20.00
S&P MidCap 400 Index	10.00	S&P SmallCap 600	20.00
Russell 1000 Growth Index	10.00		
MSCI EAFE Index	10.00	<b>Jan-2007</b>	
S&P SmallCap 600	10.00	S&P 500 Index	62.00
Citigroup Non-U.S. World Government Bond	4.00	S&P MidCap 400 Index	15.00
		S&P SmallCap 600	15.00
		MSCI EAFE Index	8.00
<b>Apr-2012</b>		<b>Oct-2007</b>	
Barclays Aggregate Index	29.00	S&P 500 Index	38.40
S&P 500 Index	25.00	S&P MidCap 400 Index	15.40
S&P MidCap 400 Index	10.00	S&P SmallCap 600	15.40
Russell 1000 Growth Index	10.00	MSCI EAFE Index	15.40
MSCI EAFE Index	10.00	Russell 1000 Growth Index	15.40
S&P SmallCap 600	10.00		
Citigroup Non-U.S. World Government Bond	4.00		
NCREIF Property Index	2.00		

Total Fixed Income Historical Hybrid Composition	
Allocation Mandate	Weight (%)
<b>Apr-1994</b>	
Barclays Aggregate Index	89.00
Citigroup Non-U.S. World Government Bond	11.00

<b>Active Return</b>	- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.
<b>Alpha</b>	- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.
<b>Beta</b>	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.
<b>Consistency</b>	- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.
<b>Down Market Capture</b>	- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance
<b>Downside Risk</b>	- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.
<b>Excess Return</b>	- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.
<b>Excess Risk</b>	- A measure of the standard deviation of a portfolio's performance relative to the risk free return.
<b>Information Ratio</b>	- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.
<b>R-Squared</b>	- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.
<b>Return</b>	- Compounded rate of return for the period.
<b>Sharpe Ratio</b>	- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.
<b>Standard Deviation</b>	- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.
<b>Tracking Error</b>	- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.
<b>Treynor Ratio</b>	- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.
<b>Up Market Capture</b>	- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.



The Bogdahn Group compiled this report for the sole use of the client for which it was prepared. The Bogdahn Group is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. The Bogdahn group uses the results from this evaluation to make observations and recommendations to the client.

The Bogdahn Group uses time-weighted calculations which are founded on standards recommended by the CFA Institute. The calculations and values shown are based on information that is received from custodians. The Bogdahn Group analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides The Bogdahn Group with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides The Bogdahn Group with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause The Bogdahn Group to believe that the information presented is significantly misstated.

This performance report is based on data obtained by the client's custodian(s), investment fund administrator, or other sources believed to be reliable. While these sources are believed to be reliable, the data providers are responsible for the accuracy and completeness of their statements. Clients are encouraged to compare the records of their custodian(s) to ensure this report fairly and accurately reflects their various asset positions.

The strategies listed may not be suitable for all investors. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. Past performance is not an indication of future performance. Any information contained in this report is for informational purposes only and should not be construed to be an offer to buy or sell any securities, investment consulting, or investment management services.

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**Palm Beach Gardens Police  
Review of International Equity & Bond Funds**

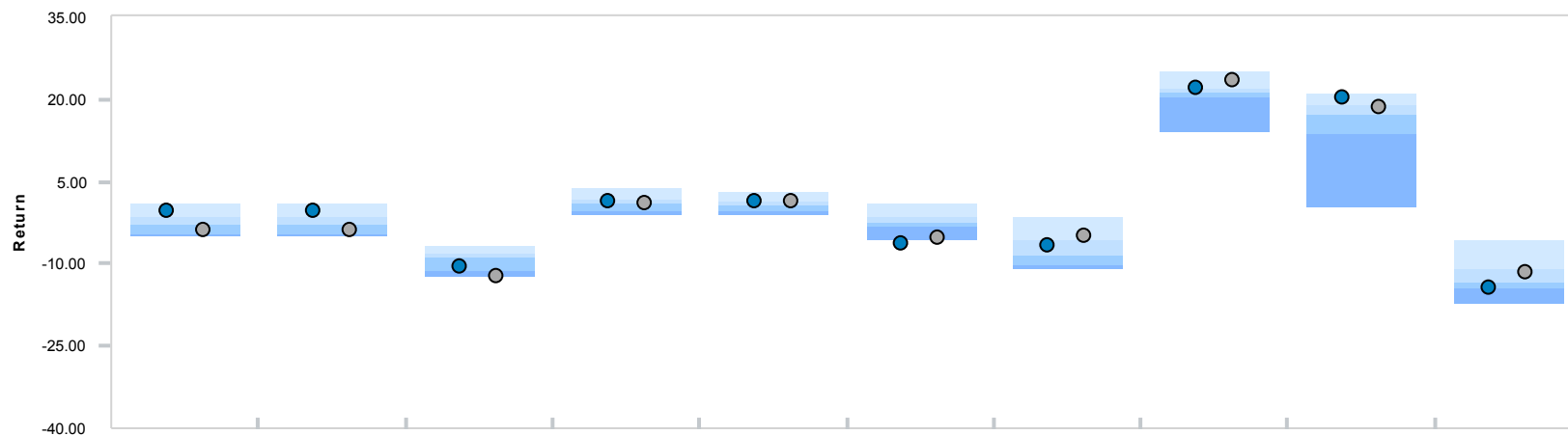
### Mutual Fund Info from Lipper

Product Name : Vanguard Intl Val;Inv (VTRIX)  
Fund Family : Vanguard Group Inc  
Ticker : VTRIX  
Peer Group : IM International Large Cap Value Equity (MF)  
Benchmark : MSCI EAFE Value  
Fund Inception : 05/16/1983  
Portfolio Manager : Team Managed  
Total Assets : \$7,112 Million  
Total Assets Date : 02/29/2016  
Gross Expense : 0.46%  
Net Expense : 0.46%  
Turnover : 36%

### Summary Description

The investment seeks to provide long-term capital appreciation. The fund invests mainly in common stocks of companies located outside the United States that are considered by an advisor to be undervalued. Such stocks, called value stocks, often are out of favor in periods when investors are drawn to companies with strong prospects for growth. It invests in large -, mid-, and small-capitalization companies and is expected to diversify its assets in countries across developed and emerging markets. The fund uses multiple investment advisors.

### Peer Group Analysis - IM International Large Cap Value Equity (MF)

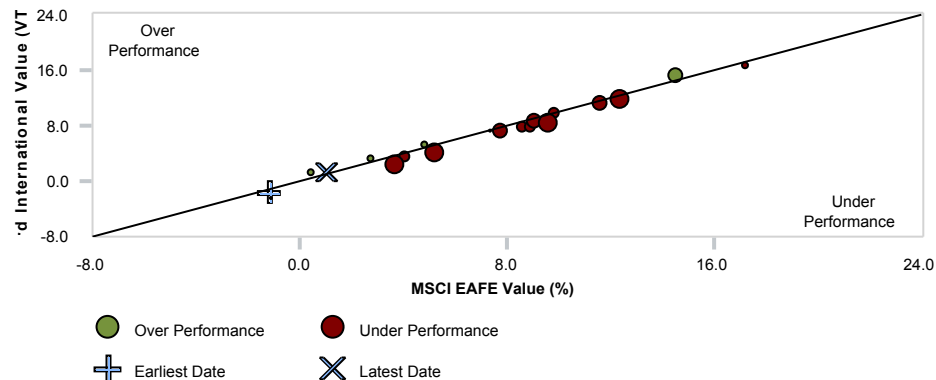


	QTR	YTD	1 YR	3 YR	5 YR	2015	2014	2013	2012	2011
● Vanguard International Value (VTRIX)	-0.51 (16)	-0.51 (16)	-10.66 (61)	1.27 (45)	1.34 (25)	-6.44 (99)	-6.69 (28)	22.15 (23)	20.18 (14)	-14.58 (78)
● MSCI EAFE Value	-3.84 (55)	-3.84 (55)	-12.36 (95)	1.10 (52)	1.38 (24)	-5.22 (91)	-4.92 (23)	23.59 (8)	18.43 (34)	-11.65 (28)
Median	-2.95	-2.95	-8.83	1.15	0.62	-2.64	-8.37	21.25	17.18	-13.48

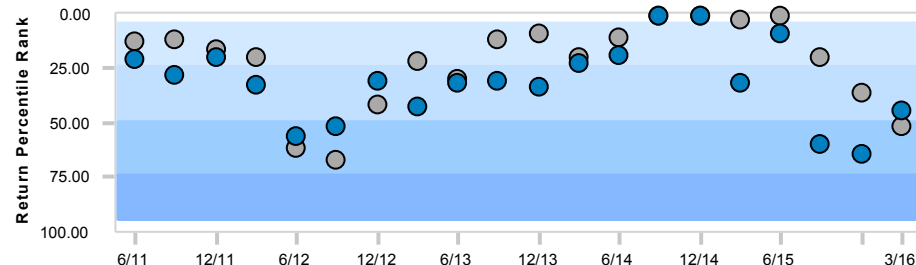
### Comparative Performance

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Vanguard International Value (VTRIX)	2.49 (61)	-13.44 (99)	1.22 (49)	4.18 (63)	-5.68 (72)	-5.74 (28)
MSCI EAFE Value	2.72 (44)	-11.71 (88)	0.48 (69)	4.00 (67)	-4.81 (54)	-6.14 (55)
IM International Large Cap Value Equity (MF) Median	2.61	-10.30	1.18	4.44	-4.78	-6.00

### 3 Yr Rolling Under/Over Performance - 5 Years

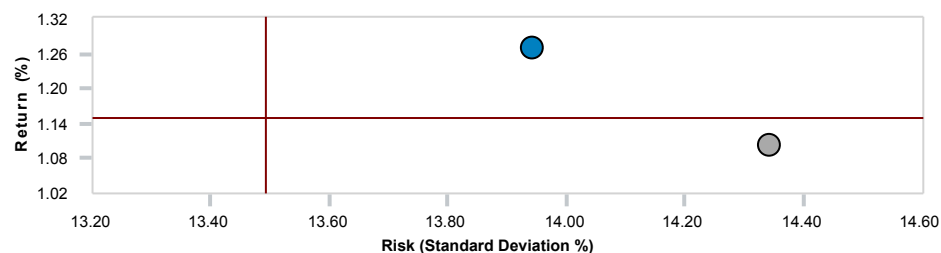


### 3 Yr Rolling Percentile Ranking - 5 Years



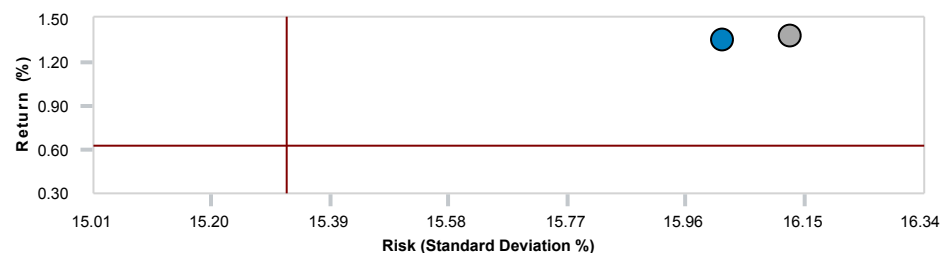
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Vanguard International Value (VTRIX)	20	7 (35%)	9 (45%)	4 (20%)	0 (0%)
MSCI EAFE Value	20	14 (70%)	3 (15%)	3 (15%)	0 (0%)

### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Vanguard International Value (VTRIX)	1.27	13.94
MSCI EAFE Value	1.10	14.34
Median	1.15	13.49

### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Vanguard International Value (VTRIX)	1.34	16.02
MSCI EAFE Value	1.38	16.13
Median	0.62	15.32

### Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Value (VTRIX)	3.37	94.57	93.41	0.22	0.03	0.16	0.94	8.91
MSCI EAFE Value	0.00	100.00	100.00	0.00	N/A	0.14	1.00	9.30

### Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Value (VTRIX)	3.91	96.04	95.77	0.05	-0.01	0.16	0.96	11.04
MSCI EAFE Value	0.00	100.00	100.00	0.00	N/A	0.16	1.00	11.06

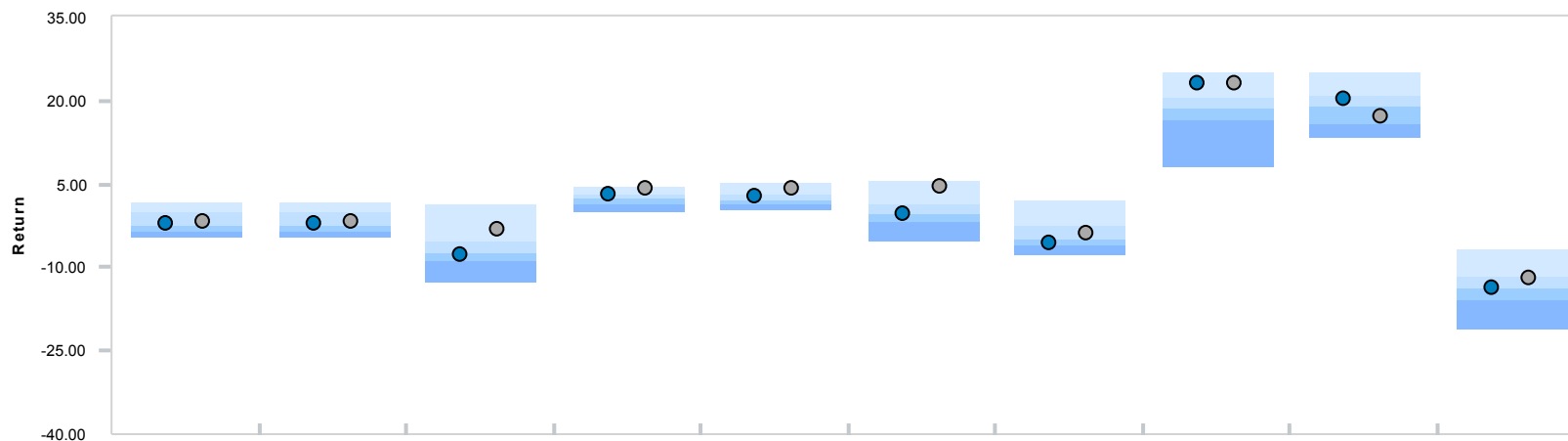
### Mutual Fund Info from Lipper

Product Name : Vanguard Intl Gro;Adm (VWILX)  
Fund Family : Vanguard Group Inc  
Ticker : VWILX  
Peer Group : IM International Large Cap Growth Equity (MF)  
Benchmark : MSCI EAFE Growth Index  
Fund Inception : 08/13/2001  
Portfolio Manager : Team Managed  
Total Assets : \$13,355 Million  
Total Assets Date : 02/29/2016  
Gross Expense : 0.34%  
Net Expense : 0.34%  
Turnover : 29%

### Summary Description

The investment seeks to provide long-term capital appreciation. The fund invests predominantly in the stocks of companies located outside the United States and is expected to diversify its assets in countries across developed and emerging markets. In selecting stocks, the fund's advisors evaluate foreign markets around the world and choose large-, mid-, and small-capitalization companies considered to have above-average growth potential. The fund uses multiple investment advisors.

### Peer Group Analysis - IM International Large Cap Growth Equity (MF)

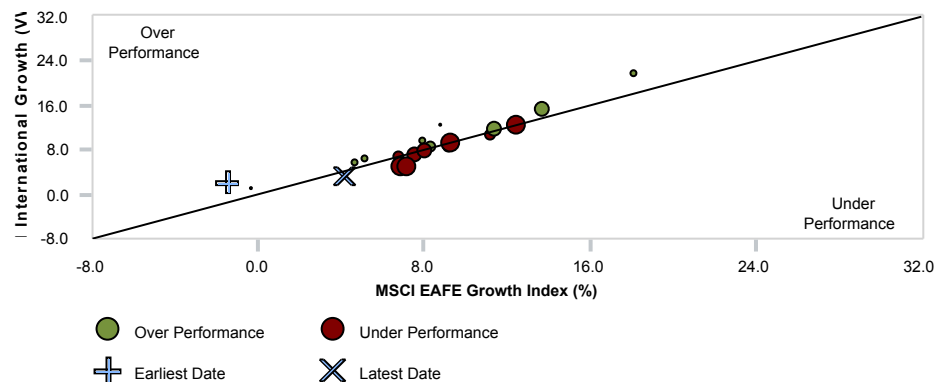


	QTR	YTD	1 YR	3 YR	5 YR	2015	2014	2013	2012	2011
● Vanguard International Growth (VWILX)	-2.00 (32)	-2.00 (32)	-7.60 (53)	3.22 (22)	2.66 (41)	-0.54 (49)	-5.51 (62)	23.12 (7)	20.18 (32)	-13.58 (48)
● MSCI EAFE Growth Index	-1.96 (31)	-1.96 (31)	-3.35 (11)	4.19 (9)	4.08 (13)	4.47 (8)	-4.06 (41)	22.95 (10)	17.28 (69)	-11.82 (28)
Median	-2.41	-2.41	-7.56	2.46	2.15	-0.57	-4.98	18.39	18.85	-13.61

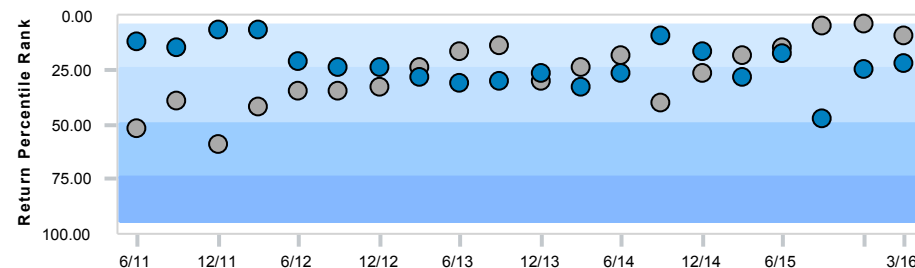
### Comparative Performance

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Vanguard International Growth (VWILX)	7.09 (1)	-12.99 (93)	1.18 (35)	5.49 (50)	-2.93 (75)	-4.91 (62)
MSCI EAFE Growth Index	6.70 (4)	-8.69 (24)	1.19 (35)	5.97 (21)	-2.25 (61)	-5.52 (81)
IM International Large Cap Growth Equity (MF) Median	4.40	-9.99	0.96	5.49	-1.80	-4.63

### 3 Yr Rolling Under/Over Performance - 5 Years

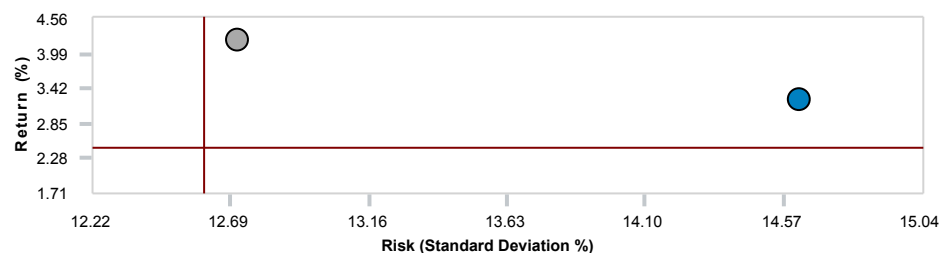


### 3 Yr Rolling Percentile Ranking - 5 Years



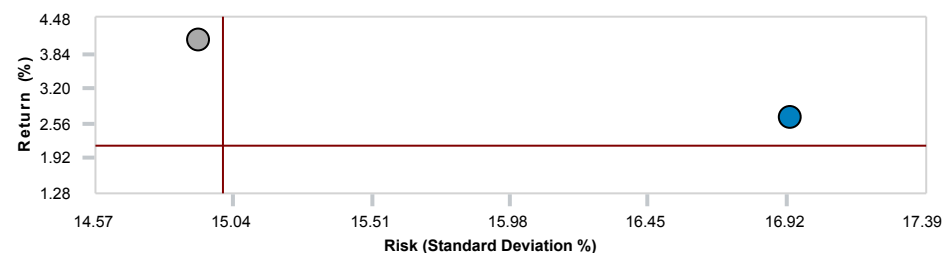
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Vanguard International Growth (VWILX)	20	12 (60%)	8 (40%)	0 (0%)	0 (0%)
MSCI EAFE Growth Index	20	10 (50%)	8 (40%)	2 (10%)	0 (0%)

### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Vanguard International Growth (VWILX)	3.22	14.62
MSCI EAFE Growth Index	4.19	12.71
Median	2.46	12.60

### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Vanguard International Growth (VWILX)	2.66	16.93
MSCI EAFE Growth Index	4.08	14.92
Median	2.15	15.01

### Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Growth (VWILX)	4.00	103.45	109.01	-1.22	-0.17	0.29	1.11	9.37
MSCI EAFE Growth Index	0.00	100.00	100.00	0.00	N/A	0.38	1.00	7.87

### Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Growth (VWILX)	4.19	103.28	110.27	-1.58	-0.25	0.24	1.10	11.71
MSCI EAFE Growth Index	0.00	100.00	100.00	0.00	N/A	0.34	1.00	10.29

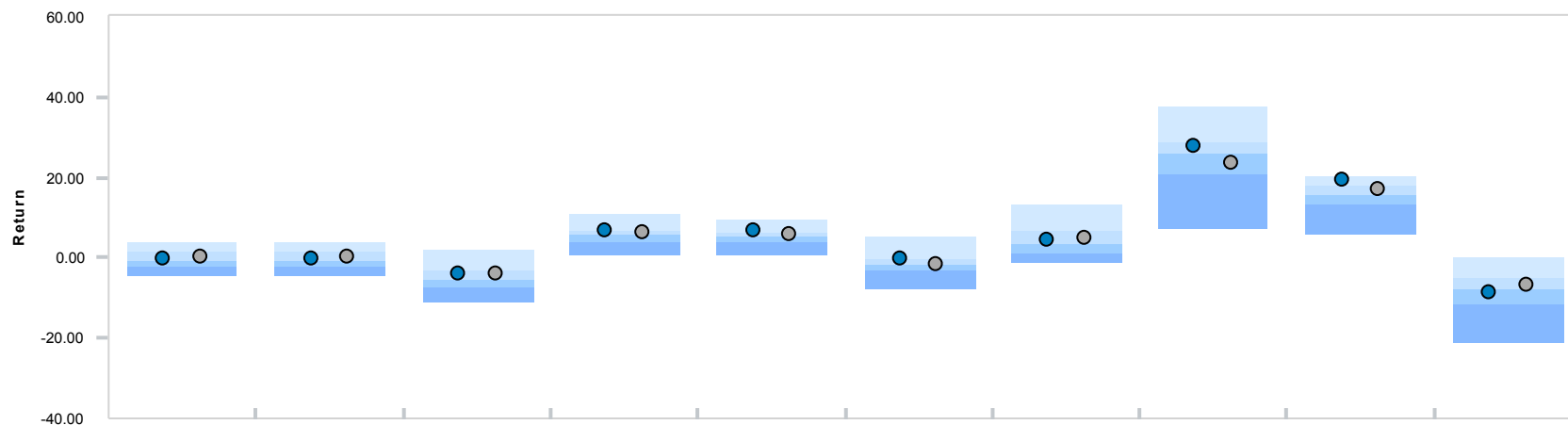
### Mutual Fund Info from Lipper

Product Name : Vanguard Gbl Eqty;Inv (VHGEX)  
Fund Family : Vanguard Group Inc  
Ticker : VHGEX  
Peer Group : IM Global Multi-Cap Core Equity (MF)  
Benchmark : MSCI AC World IMI  
Fund Inception : 08/14/1995  
Portfolio Manager : Team Managed  
Total Assets : \$3,983 Million  
Total Assets Date : 02/29/2016  
Gross Expense : 0.57%  
Net Expense : 0.57%  
Turnover : 36%

### Summary Description

The investment seeks to provide long-term capital appreciation. The fund invests mainly in common stocks of companies located outside the United States that are considered by an advisor to be undervalued. Such stocks, called value stocks, often are out of favor in periods when investors are drawn to companies with strong prospects for growth. It invests in large -, mid-, and small-capitalization companies and is expected to diversify its assets in countries across developed and emerging markets. The fund uses multiple investment advisors.

### Peer Group Analysis - IM Global Multi-Cap Core Equity (MF)

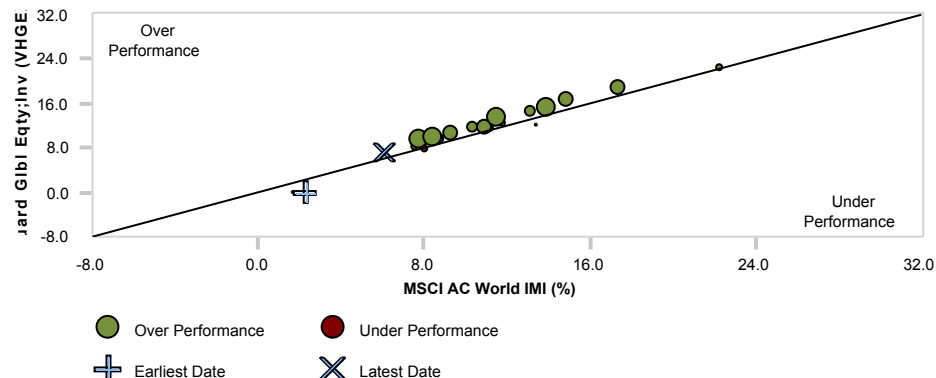


	QTR	YTD	1 YR	3 YR	5 YR	2015	2014	2013	2012	2011
● Vanguard Gbl Eqty;Inv (VHGEX)	-0.25 (44)	-0.25 (44)	-4.08 (34)	6.95 (26)	6.61 (22)	-0.24 (26)	4.31 (42)	27.65 (39)	19.52 (8)	-8.90 (63)
● MSCI AC World Index	0.38 (34)	0.38 (34)	-3.81 (31)	6.10 (45)	5.80 (39)	-1.84 (54)	4.71 (36)	23.44 (63)	16.80 (36)	-6.86 (40)
Median	-0.85	-0.85	-5.43	5.84	5.49	-1.72	3.32	26.04	15.40	-7.70

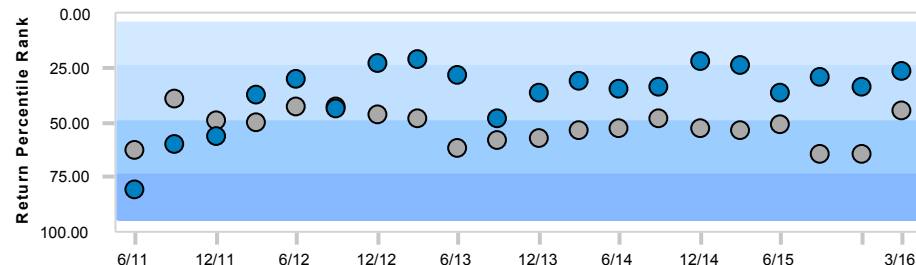
### Comparative Performance

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Vanguard Gbl Eqty;Inv (VHGEX)	5.26 (28)	-8.53 (38)	-0.12 (65)	3.73 (26)	1.20 (44)	-3.20 (69)
MSCI AC World IMI	5.02 (39)	-9.48 (67)	0.70 (29)	2.71 (53)	0.70 (55)	-2.72 (48)
IM Global Multi-Cap Core Equity (MF) Median	4.73	-9.27	0.24	2.74	0.86	-2.79

### 3 Yr Rolling Under/Over Performance - 5 Years

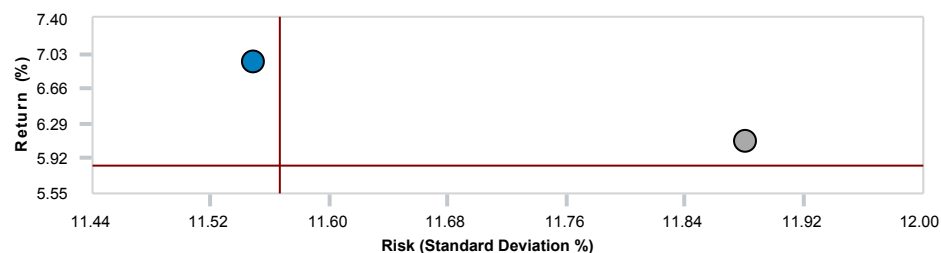


### 3 Yr Rolling Percentile Ranking - 5 Years



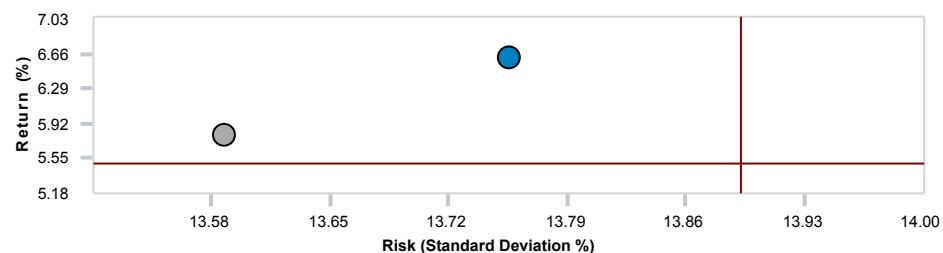
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Vanguard Gbl Eqty;Inv (VHGEX)	20	4 (20%)	13 (65%)	2 (10%)	1 (5%)
MSCI AC World Index	20	0 (0%)	9 (45%)	11 (55%)	0 (0%)

### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Vanguard Gbl Eqty;Inv (VHGEX)	6.95	11.55
MSCI AC World Index	6.10	11.88
Median	5.84	11.57

### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Vanguard Gbl Eqty;Inv (VHGEX)	6.61	13.76
MSCI AC World Index	5.80	13.59
Median	5.49	13.89

### Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard Gbl Eqty;Inv (VHGEX)	1.91	99.15	93.23	0.99	0.38	0.64	0.96	6.90
MSCI AC World IMI	0.00	100.00	100.00	0.00	N/A	0.56	1.00	7.12

### Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard Gbl Eqty;Inv (VHGEX)	2.04	101.62	97.18	0.82	0.38	0.53	0.99	9.08
MSCI AC World IMI	0.00	100.00	100.00	0.00	N/A	0.48	1.00	8.95



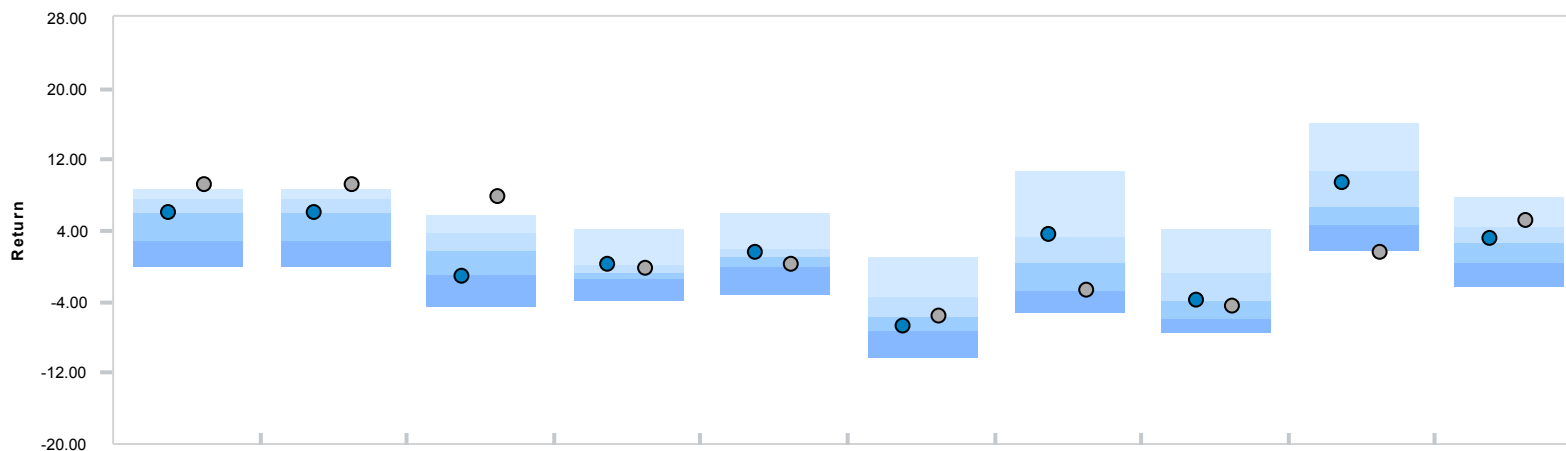
### Mutual Fund Info from Lipper

Product Name : Dreyfus Intl Bond;A (DIBAX)  
Fund Family : Dreyfus Corporation  
Ticker : DIBAX  
Peer Group : IM International Fixed Income (MF)  
Benchmark : Citigroup Non-U.S. World Government Bond  
Fund Inception : 12/30/2005  
Portfolio Manager : Leduc/Murphy/Srivastava  
Total Assets : \$161 Million  
Total Assets Date : 03/31/2016  
Gross Expense : 1.08%  
Net Expense : 1.08%  
Turnover : 217%

### Summary Description

The investment seeks to provide long-term capital appreciation. The fund invests predominantly in the stocks of companies located outside the United States and is expected to diversify its assets in countries across developed and emerging markets. In selecting stocks, the fund's advisors evaluate foreign markets around the world and choose large-, mid-, and small-capitalization companies considered to have above-average growth potential. The fund uses multiple investment advisors.

### Peer Group Analysis - IM International Fixed Income (MF)

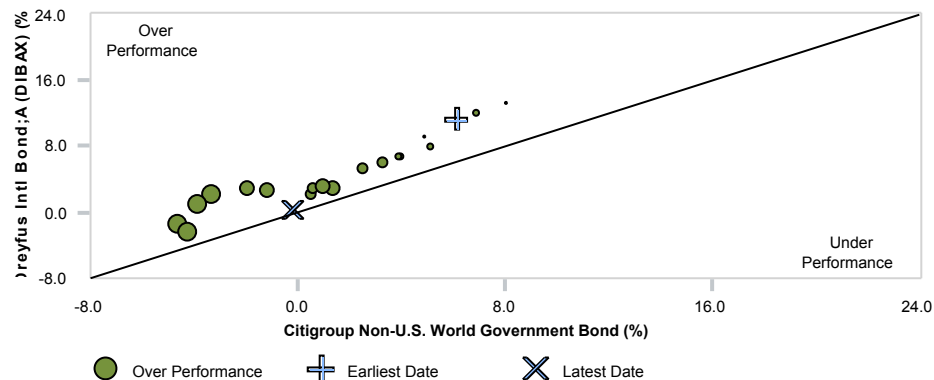


	QTR	YTD	1 YR	3 YR	5 YR	2015	2014	2013	2012	2011
● Dreyfus Intl Bond;A (DIBAX)	5.94 (51)	5.94 (51)	-1.16 (81)	0.13 (27)	1.62 (30)	-6.76 (64)	3.58 (23)	-3.92 (57)	9.28 (35)	3.21 (42)
● Citigroup Non-U.S. World Government Bond	9.10 (1)	9.10 (1)	7.74 (1)	-0.16 (33)	0.24 (72)	-5.54 (48)	-2.68 (73)	-4.56 (64)	1.50 (97)	5.17 (21)
Median	5.99	5.99	1.80	-0.73	1.09	-5.74	0.41	-3.74	6.71	2.75

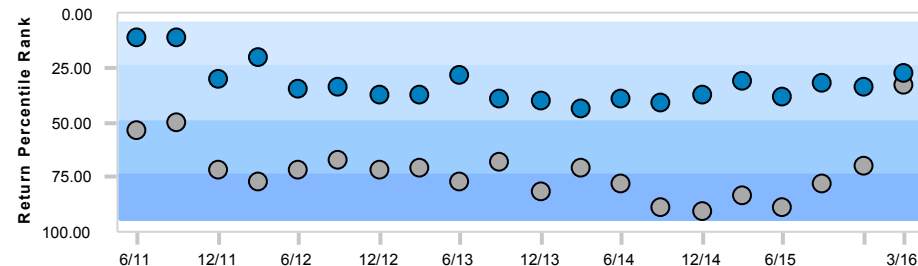
### Comparative Performance

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Dreyfus Intl Bond;A (DIBAX)	-1.59 (86)	-1.88 (67)	-3.38 (85)	-0.06 (38)	-0.72 (26)	-1.00 (33)
Citigroup Non-U.S. World Government Bond	-1.38 (79)	1.71 (4)	-1.54 (42)	-4.36 (87)	-2.91 (78)	-5.38 (87)
IM International Fixed Income (MF) Median	-0.75	-1.38	-1.76	-1.40	-1.68	-2.90

### 3 Yr Rolling Under/Over Performance - 5 Years

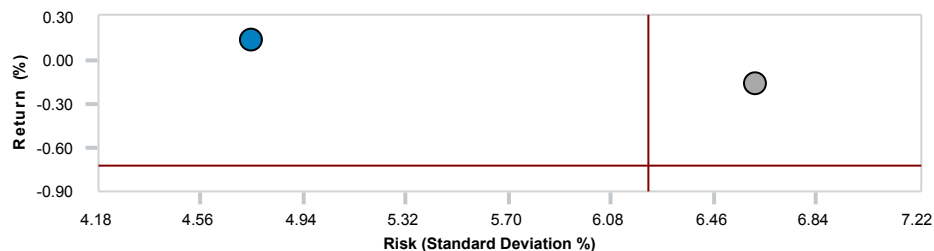


### 3 Yr Rolling Percentile Ranking - 5 Years



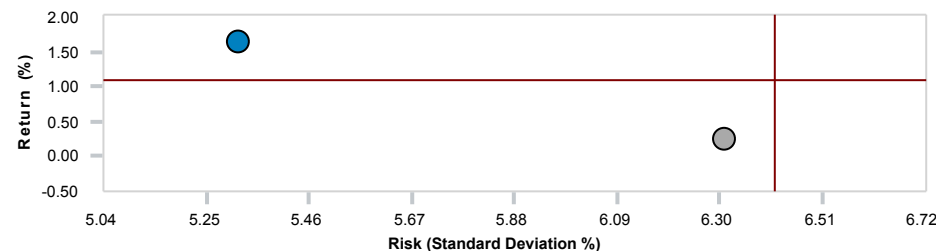
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Dreyfus Intl Bond;A (DIBAX)	20	3 (15%)	17 (85%)	0 (0%)	0 (0%)
Citigroup Non-U.S. World Government Bond	20	0 (0%)	2 (10%)	9 (45%)	9 (45%)

### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Dreyfus Intl Bond;A (DIBAX)	0.13	4.75
Citigroup Non-U.S. World Government Bond	-0.16	6.62
Median	-0.73	6.22

### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Dreyfus Intl Bond;A (DIBAX)	1.62	5.32
Citigroup Non-U.S. World Government Bond	0.24	6.31
Median	1.09	6.41

### Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Dreyfus Intl Bond;A (DIBAX)	4.32	48.75	46.33	0.21	0.04	0.04	0.54	3.14
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.00	1.00	4.88

### Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Dreyfus Intl Bond;A (DIBAX)	3.73	70.31	53.42	1.47	0.35	0.32	0.68	3.40
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.06	1.00	4.49

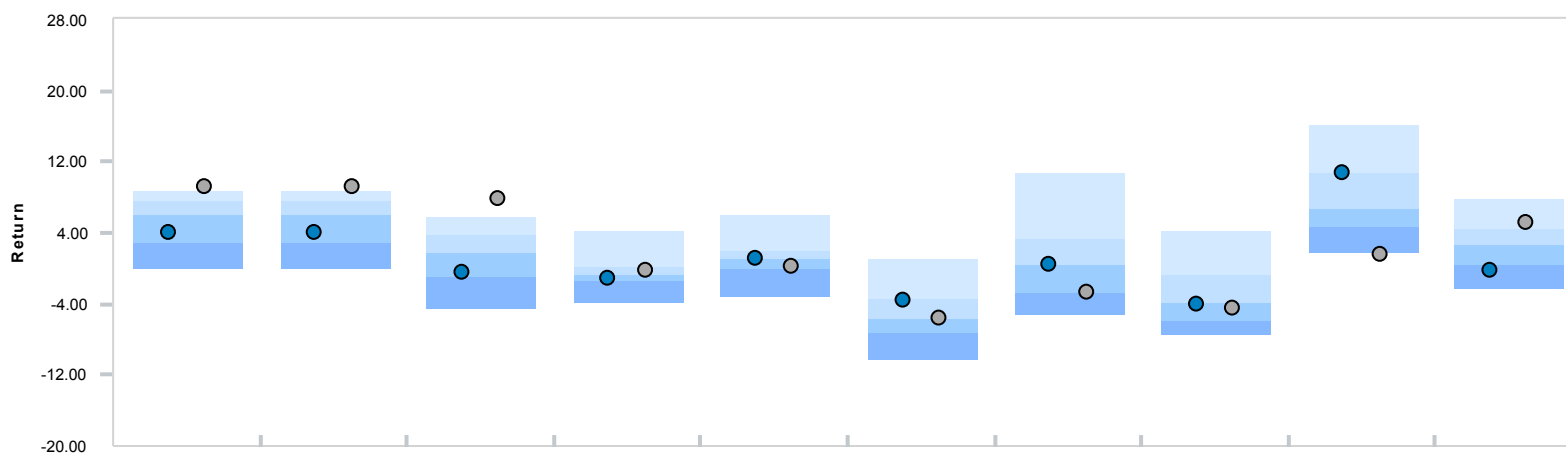
### Mutual Fund Info from Lipper

Product Name : Oppenheimer Intl Bd;A (OIBAX)  
Fund Family : OppenheimerFunds Inc  
Ticker : OIBAX  
Peer Group : IM International Fixed Income (MF)  
Benchmark : Citigroup Non-U.S. World Government Bond  
Fund Inception : 06/15/1995  
Portfolio Manager : Baijal/Kelly  
Total Assets : \$1,725 Million  
Total Assets Date : 03/31/2016  
Gross Expense : 1.02%  
Net Expense : 1.02%  
Turnover : 111%

### Summary Description

The investment seeks to provide long-term capital appreciation. The fund invests predominantly in the stocks of companies located outside the United States and is expected to diversify its assets in countries across developed and emerging markets. In selecting stocks, the fund's advisors evaluate foreign markets around the world and choose large-, mid-, and small-capitalization companies considered to have above-average growth potential. The fund uses multiple investment advisors.

### Peer Group Analysis - IM International Fixed Income (MF)

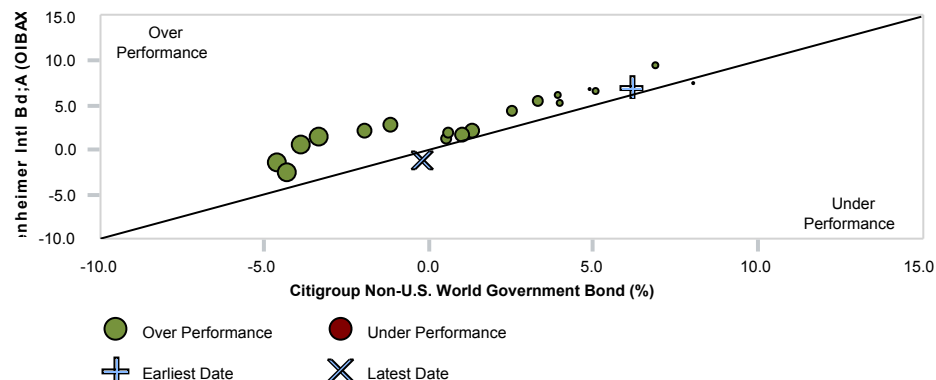


	QTR	YTD	1 YR	3 YR	5 YR	2015	2014	2013	2012	2011
● Oppenheimer Intl Bd;A (OIBAX)	4.08 (66)	4.08 (66)	-0.46 (68)	-1.19 (66)	1.09 (51)	-3.72 (29)	0.32 (52)	-4.16 (60)	10.77 (24)	-0.28 (80)
● Citigroup Non-U.S. World Government Bond	9.10 (1)	9.10 (1)	7.74 (1)	-0.16 (33)	0.24 (72)	-5.54 (48)	-2.68 (73)	-4.56 (64)	1.50 (97)	5.17 (21)
Median	5.99	5.99	1.80	-0.73	1.09	-5.74	0.41	-3.74	6.71	2.75

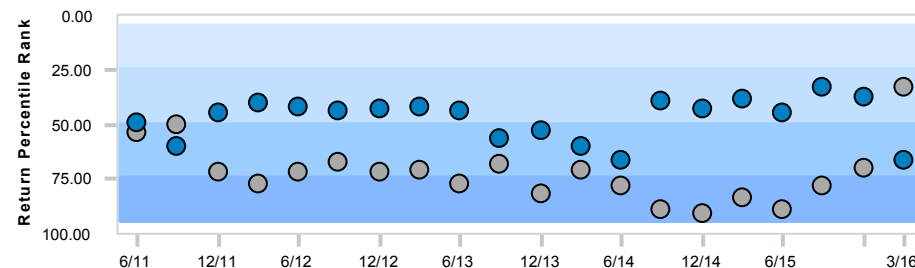
### Comparative Performance

	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014
Oppenheimer Intl Bd;A (OIBAX)	-0.96 (56)	-1.59 (58)	-1.88 (52)	0.67 (21)	-0.80 (27)	-2.34 (47)
Citigroup Non-U.S. World Government Bond	-1.38 (79)	1.71 (4)	-1.54 (42)	-4.36 (87)	-2.91 (78)	-5.38 (87)
IM International Fixed Income (MF) Median	-0.75	-1.38	-1.76	-1.40	-1.68	-2.90

### 3 Yr Rolling Under/Over Performance - 5 Years

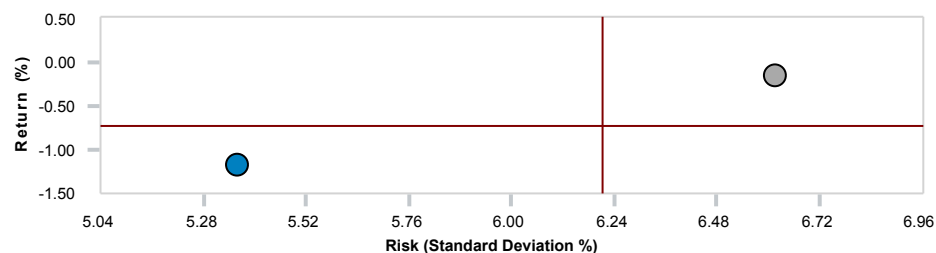


### 3 Yr Rolling Percentile Ranking - 5 Years



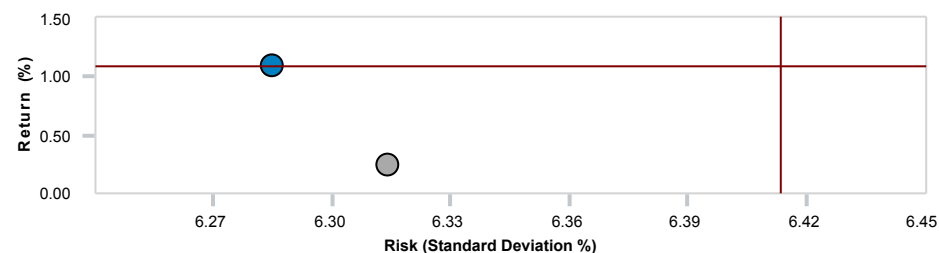
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Oppenheimer Intl Bd;A (OIBAX)	20	0 (0%)	14 (70%)	6 (30%)	0 (0%)
Citigroup Non-U.S. World Government Bond	20	0 (0%)	2 (10%)	9 (45%)	9 (45%)

### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Oppenheimer Intl Bd;A (OIBAX)	-1.19	5.36
Citigroup Non-U.S. World Government Bond	-0.16	6.62
Median	-0.73	6.22

### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Oppenheimer Intl Bd;A (OIBAX)	1.09	6.29
Citigroup Non-U.S. World Government Bond	0.24	6.31
Median	1.09	6.41

### Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Oppenheimer Intl Bd;A (OIBAX)	5.66	40.64	52.72	-1.07	-0.20	-0.21	0.46	3.99
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.00	1.00	4.88

### Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Oppenheimer Intl Bd;A (OIBAX)	5.35	68.28	56.78	1.01	0.16	0.19	0.64	4.61
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.06	1.00	4.49



## Orlando

4901 Vineland Road, Suite 600  
Orlando, Florida 32811

866.240.7932

Chicago

Cleveland

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Tulsa