# **WPB** Police

Investment Performance Review Period ended March 31, 2016



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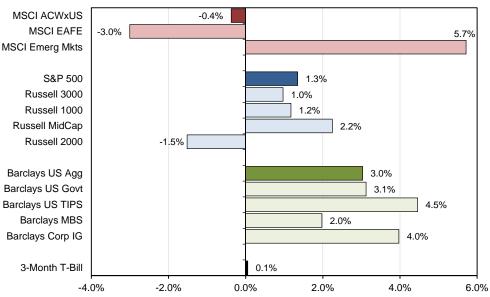


**1st Quarter 2016 Market Environment** 

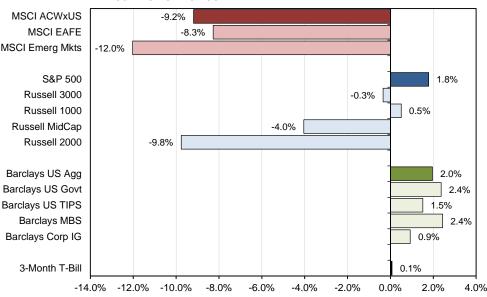


- The 1st quarter of 2016 proved volatile as broad equity markets declined significantly through the first half of the period due to global economic growth concerns, low and falling energy prices, and the prospect of rising interest rates in the U.S. At its lowest point on February 11, 2016, the S&P 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 wells 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**



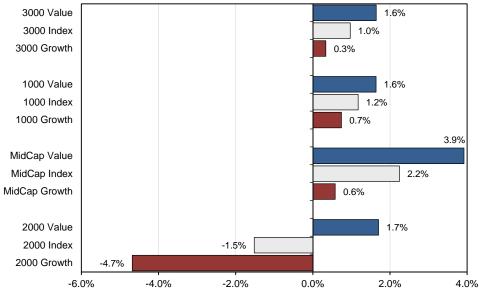
#### 1-Year Performance



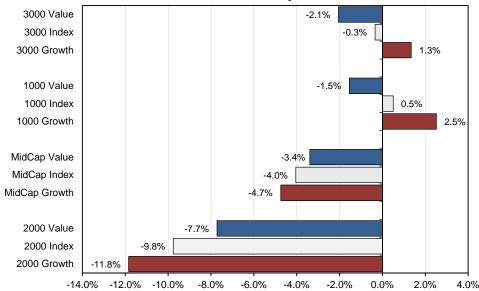


- U.S. macroeconomic data fueled domestic equity returns for the 1st quarter. Early on, concerns about U.S. GDP growth, growing initial jobless claims, weakness in U.S. manufacturing, low oil prices, and the potential for a steady pattern of interest rate hikes resulted in considerable downside momentum 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**

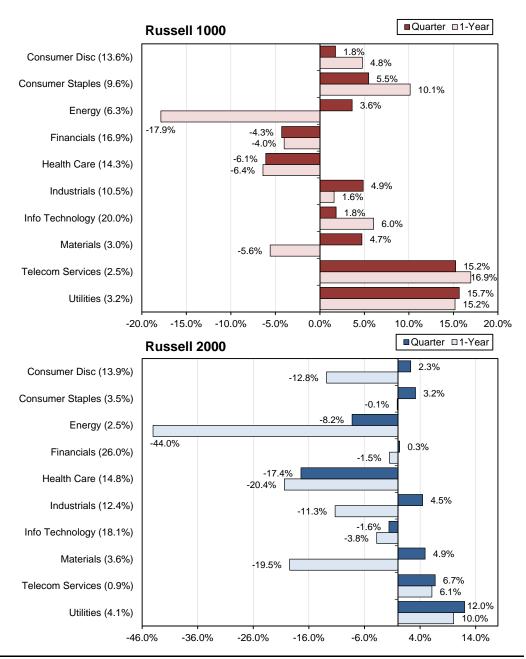


## 1-Year Performance - Russell Style Series





- Large cap sector performance was generally positive for the 1st guarter 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 vields 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.





Top 10 Weighted Stocks							
Russell 1000	Weight 1-Qtr 1-Year Return 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 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%		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 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				

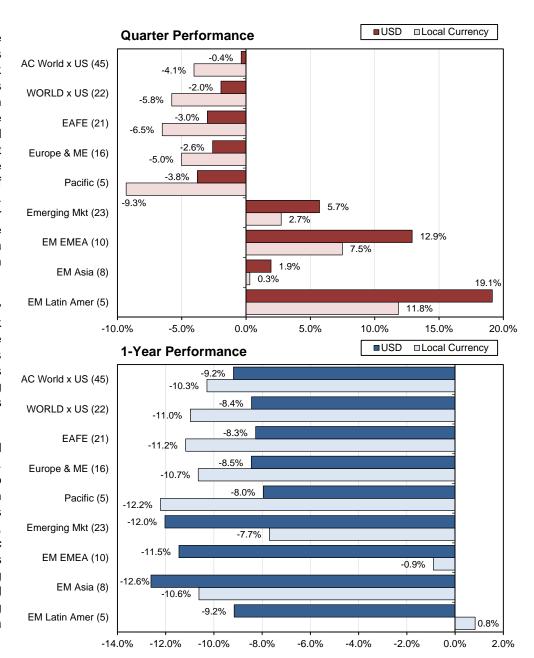
Top 10 Performing Stocks (by Quarter)								
Russell 2000	Weight 1-Qtr 1-Year Seturn Seturn			Sector				
Vantage Drilling Co	0.00%	551.4%	-94.7%	Energy				
American Eagle Energy Corp	0.00%	345.5%	-97.3%	Energy				
Walter Energy Inc	0.00%	177.7%	-95.0%	Materials				
Ultrapetrol Bahamas Ltd	0.00%	157.1%	-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 1000	Weight		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			

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.



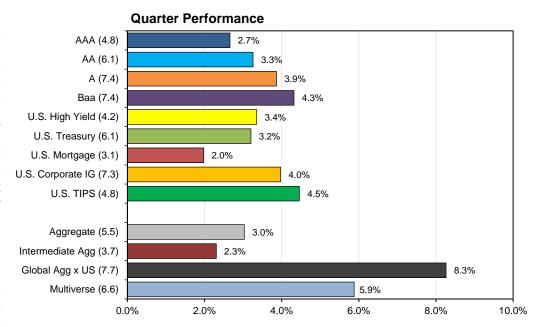


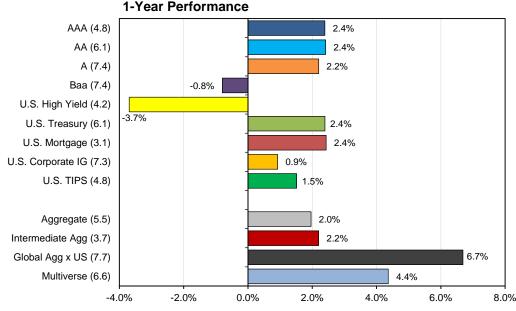
MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	13.2%	-4.3%	-10.0%
Consumer Staples	12.7%	3.3%	7.3%
Energy	4.7%	4.7%	-10.4%
Financials	23.8%	-9.6%	-16.3%
Health Care	11.5%	-6.5%	-8.0%
Industrials	13.3%	1.7%	-3.7%
Information Technology	5.3%	-4.1%	-6.5%
Materials	6.7%	2.6%	-17.4%
Telecommunication Services	5.1%	0.3%	1.3%
Utilities	3.9%	0.4%	-0.1%
Total	100.0%	-3.0%	-8.3%
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%
Total	100.0%	-0.4%	-9.2%
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%
Total	100.0%	5.7%	-12.0%

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	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%
Total EAFE Countries	100.0%	71.6%	-3.0%	-8.3%
Canada		6.6%	11.3%	-10.2%
Total Developed Countries		78.2%	-2.0%	-8.4%
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%
Total Emerging Countries		21.9%	5.7%	-12.0%
Total Linerging Countries		21.3/0	J.1 /0	-12.0 /6



- Due to a steady downward move in interest rates during the 1st guarter. 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.

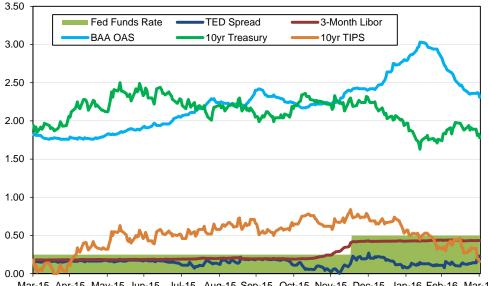






- U.S. TIPS finished the 1st quarter with a solid 4.5% return as inflation expectations rose as the USD weakened and commodity prices started to rebound. TIPS returns for the 1-year period, while positive, were a more modest 1.5%.
- In USD terms, international fixed income indices posted the largest 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.

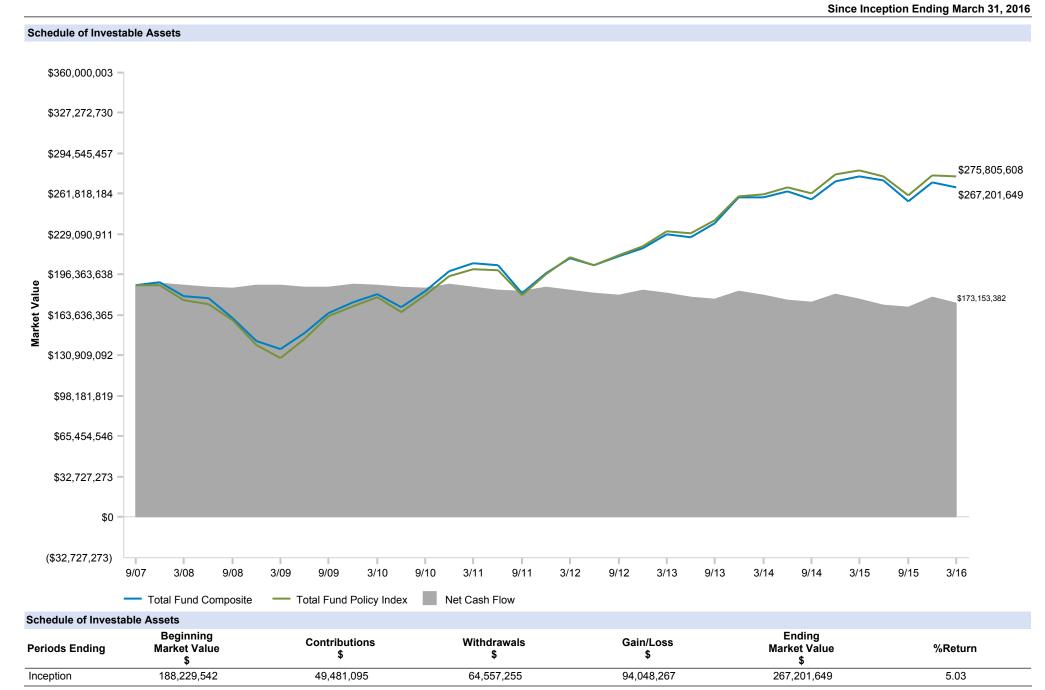
### 1-Year Trailing Market Rates



Mar-15 Apr-15 May-15 Jun-15 Jul-15 Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Feb-16 Mar-16

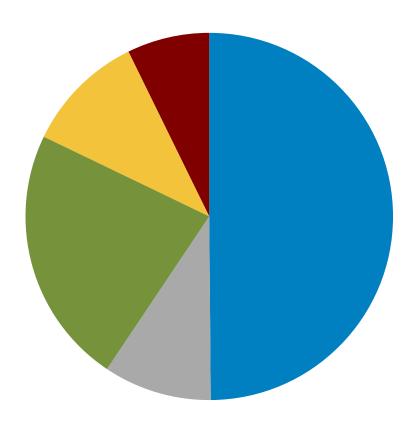
### **Treasury Yield Curve** 3.50 6/30/2015 9/30/2015 12/31/2015 3/31/2016 3.00 2.50 2.00 1.50 1.00 0.50 3 mo 6 mo 20 yr 30 yr 2 yr 3 yr 5 yr 7 yr 10 yr 1 mo 1 yr







## Asset Allocation By Segment as of March 31, 2016 : \$267,201,649

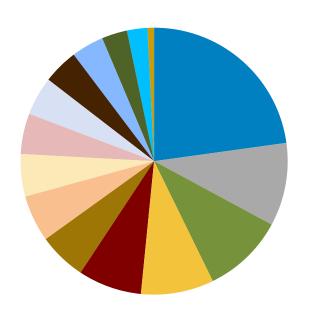


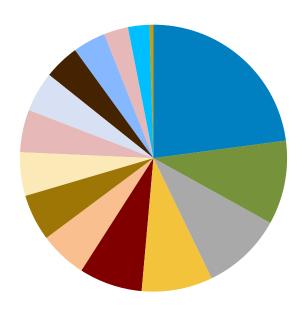
Segments	Market Value	Allocation
■ Domestic Equity	133,262,354	49.9
■ International Equity	25,434,243	9.5
■ Domestic Fixed Income	60,808,342	22.8
Real Estate	28,327,489	10.6
■ Cash Equivalent	19,369,221	7.2



Asset Allocation By Manager as of December 31, 2015 : \$271,485,350

Asset Allocation By Manager as of March 31, 2016 : \$267,201,649





cation					
	Market Value	Allocation		Market Value	Allocation
■ Garcia Hamilton Fixed Income	61,925,881	22.8	Garcia Hamilton Fixed Income	61,162,307	22.9
■ BRC Equity	27,330,219	10.1	Rhumbline Equity	27,175,769	10.2
Rhumbline Equity	26,816,484	9.9	■ BRC Equity	26,093,693	9.8
New Amsterdam Equity	23,964,067	8.8	New Amsterdam Equity	22,953,008	8.6
■ Garcia Hamilton Equity	20,890,829	7.7	Garcia Hamilton Equity	20,442,904	7.7
■ Eagle Equity	15,740,079	5.8	Intercontinental	15,312,996	5.7
Intercontinental	15,336,000	5.6	Eagle Equity	15,057,388	5.6
GW Equtiy	13,937,718	5.1	GW Equtiy	14,114,960	5.3
Anchor Equity	13,317,619	4.9	Anchor Equity	13,751,354	5.1
J.P. Morgan	12,752,731	4.7	J.P. Morgan	13,014,493	4.9
Oak Ridge Equity	11,559,607	4.3	Oak Ridge Equity	11,417,836	4.3
Vanguard Intl Equity (VTRIX)	10,658,682	3.9	Vanguard Intl Equity (VTRIX)	10,603,829	4.0
■ WHV International Equity	8,372,896	3.1	Rhumbline International Equity	7,895,386	3.0
Oppenheimer Int Equity	6,702,472	2.5	Oppenheimer Int Equity	6,935,028	2.6
R&D Cash	2,180,066	0.8	R&D Cash	1,257,423	0.5
Rhumbline International Equity	-	0.0	■ WHV International Equity	13,275	0.0



Asset Allocation & Performance												
	All	location		Performance(%)								
	Market Value \$	%	c	TR	FY	TD.	1	YR	3	YR	5 `	YR
Total Fund Composite	267,201,649	100.0	0.20	(82)	3.21	(73)	-2.02	(61)	6.39	(41)	6.56	(44)
Total Fund Policy Index			1.25	(32)	4.65	(21)	-0.52	(26)	7.18	(17)	7.72	(9)
All Public Plans-Total Fund Median			0.91		3.82		-1.60		6.15		6.38	
Total Equity Composite	176,454,430	66.0	-1.13	(100)	3.06	(79)	-4.88	(100)	6.70	(31)	6.66	(41)
Total Equity Policy Index			0.50	(71)	5.51	(4)	-3.93	(94)	8.54	(1)	8.92	(1)
All Public Plans-Total Equity			0.91		3.82		-1.60		6.15		6.38	
Total Domestic Equity	151,006,912	56.5										
BRC Equity	26,093,693	9.8	-4.40	(99)	-0.95	(98)	-10.04	(95)	N/A		N/A	
Russell 1000 Value Index	, ,		1.64	(34)	7.37	(32)	-1.54	(40)	9.38	(65)	10.25	(51)
IM U.S. Large Cap Value Equity (SA+CF) Median			0.63		5.98		-2.44		9.90		10.25	
Rhumbline Equity	27,175,769	10.2	1.34	(31)	8.46	(20)	N/A		N/A		N/A	
S&P 500 Index			1.35	(30)	8.49	(19)	1.78	(23)	11.82	(42)	11.58	(39)
IM U.S. Large Cap Equity (SA+CF) Median			0.43		6.34		-0.68		11.44		11.10	
Garcia Hamilton Equity	20,442,904	7.7	1.39	(14)	6.53	(34)	-0.25	(50)	10.78	(82)	9.40	(85)
Russell 1000 Growth Index			0.74	(21)	8.11	(13)	2.52	(20)	13.61	(37)	12.38	(32)
IM U.S. Large Cap Growth Equity (SA+CF) Median			-1.61		5.21		-0.29		12.76		11.45	
Anchor Equity	13,751,354	5.1	3.38	(43)	7.85	(22)	-0.32	(12)	9.09	(72)	9.39	(73)
Russell Midcap Value Index			3.92	(30)	7.16	(29)	-3.39	(44)	9.88	(56)	10.52	(46)
IM U.S. Mid Cap Value Equity (SA+CF) Median			3.00		5.87		-3.94		10.22		10.23	
Oak Ridge Equity	11,417,836	4.3	-1.07	(44)	-0.22	(70)	-9.42	(82)	7.71	(82)	7.69	(79)
Russell Midcap Growth Index			0.58	(22)	4.72	(20)	-4.75	(34)	10.99	(31)	9.99	(34)
IM U.S. Mid Cap Growth Equity (SA+CF) Median			-1.30		1.95		-7.00		10.02		9.05	
New Amsterdam Equity	22,953,008	8.6	-4.09	(88)	0.49	(80)	-7.19	(60)	N/A		N/A	
Russell 2500 Index			0.39	(58)	3.68	(58)	-7.31	(61)	8.16	(66)	8.58	(61)
IM U.S. SMID Cap Equity (SA+CF) Median			0.88		4.40		-6.11		9.13		9.24	
GW Equtiy	14,114,960	5.3	1.53	(65)	4.21	(58)	-9.27	(85)	1.65	(96)	4.22	(97)
Russell 2000 Value Index			1.70	(63)	4.63	(54)	-7.72	(73)	5.73	(81)	6.67	(82)
IM U.S. Small Cap Value Equity (SA+CF) Median			2.32		4.97		-5.00		8.51		8.93	



	Allo	ocation					Perform	ance(%)				
	Market Value \$	%	Q	TR	FΥ	/TD	1	YR	3	YR	5	YR
Eagle Equity	15,057,388	5.6	-4.14	(52)	1.17	(35)	-5.67	(24)	7.57	(58)	N/A	
Russell 2000 Growth Index			-4.68	(56)	-0.57	(48)	-11.84	(61)	7.91	(54)	7.70	(61)
IM U.S. Small Cap Growth Equity (SA+CF) Median			-4.10		-0.78		-10.31		8.10		8.17	
Total International Equity	25,447,517	9.5										
Vanguard Intl Equity (VTRIX)	10,603,829	4.0	-0.51	(16)	1.96	(23)	-10.66	(61)	N/A		N/A	
MSCI EAFE Value			-3.84	(55)	-1.22	(68)	-12.36	(95)	1.10	(52)	1.38	(24)
IM International Large Cap Value Equity (MF) Median			-2.95		-0.40		-8.83		1.15		0.62	
Oppenheimer Int Equity	6,935,028	2.6	3.47	(62)	8.50	(25)	-8.76	(38)	-1.83	(32)	N/A	
MSCI Emerging Markets Index			5.75	(35)	6.53	(45)	-11.70	(70)	-4.15	(69)	-3.80	(77)
IM Emerging Markets Equity (SA+CF) Median			4.48		6.06		-9.90		-3.27		-2.37	
Rhumbline International Equity	7,895,386	3.0	4.64	(15)	N/A		N/A		N/A		N/A	
MSCI EAFE Index			-2.88	(77)	1.73	(75)	-7.87	(58)	2.68	(53)	2.76	(54)
IM International Equity (SA+CF) Median			-0.67		3.70		-6.80		2.98		3.09	
Total Fixed Income Composite	61,162,307	22.9	2.97		2.22		3.03		3.48		4.54	
Garcia Hamilton Fixed Inc Index			2.31		1.79		2.20		2.14		3.11	
Garcia Hamilton Fixed Income	61,162,307	22.9	2.97	(3)	2.22	(14)	3.03	(4)	3.48	(5)	4.54	(7)
Garcia Hamilton Fixed Inc Index			2.31	(56)	1.79	(62)	2.20	(46)	2.14	(43)	3.11	(68)
IM U.S. Intermediate Duration (SA+CF) Median			2.34		1.87		2.13		2.09		3.30	
Total Real Estate	28,327,489	10.6										
Intercontinental	15,312,996	5.7	1.10	(100)	6.89	(25)	14.98	(23)	14.93	(23)	14.31	(23)
NCREIF Property Index			2.21	(54)	5.19	(88)	11.84	(87)	11.91	(89)	11.93	(89)
IM U.S. Private Real Estate (SA+CF) Median			2.41		5.76	` ,	13.40	, ,	13.79	` '	13.74	` '
J.P. Morgan	13,014,493	4.9	3.06	(16)	6.90	(24)	19.26	(9)	N/A		N/A	
NCREIF Property Index			2.21	(54)	5.19	(88)	11.84	(87)	11.91	(89)	11.93	(89)
IM U.S. Private Real Estate (SA+CF) Median			2.41		5.76		13.40		13.79		13.74	
R&D Cash	1,257,423	0.5										



sset Allocation & Performance					Daufauman (0/ )		
	Market	ocation			Performance(%)		
	Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
otal Fund Composite	267,201,649	100.0	0.08	2.90	-2.55	5.86	6.07
Total Fund Policy Index			1.25	4.65	-0.52	7.18	7.72
otal Equity Composite	176,454,430	66.0	-1.24	2.73	-5.44	6.08	6.08
Total Equity Policy Index			0.50	5.51	-3.93	8.54	8.92
otal Domestic Equity	151,006,912	56.5					
RC Equity	26,093,693	9.8	-4.52	-1.20	-10.49	N/A	N/A
Russell 1000 Value Index			1.64	7.37	-1.54	9.38	10.25
humbline Equity	27,175,769	10.2	1.34	8.46	N/A	N/A	N/A
S&P 500 Index			1.35	8.49	1.78	11.82	11.58
arcia Hamilton Equity	20,442,904	7.7	1.25	6.28	-0.62	10.32	8.91
Russell 1000 Growth Index			0.74	8.11	2.52	13.61	12.38
nchor Equity	13,751,354	5.1	3.26	7.58	-0.82	8.49	8.82
Russell Midcap Value Index			3.92	7.16	-3.39	9.88	10.52
ak Ridge Equity	11,417,836	4.3	-1.23	-0.52	-9.97	7.08	7.08
Russell Midcap Growth Index			0.58	4.72	-4.75	10.99	9.99
ew Amsterdam Equity	22,953,008	8.6	-4.21	0.27	-7.61	N/A	N/A
Russell 2500 Index			0.39	3.68	-7.31	8.16	8.58
W Equtiy	14,114,960	5.3	1.28	3.78	-10.00	0.87	3.44
Russell 2000 Value Index			1.70	4.63	-7.72	5.73	6.67
agle Equity	15,057,388	5.6	-4.34	0.79	-6.38	6.76	N/A
Russell 2000 Growth Index			-4.68	-0.57	-11.84	7.91	7.70
otal International Equity	25,447,517	9.5					
anguard Intl Equity (VTRIX)	10,603,829	4.0	-0.51	1.96	-10.66	N/A	N/A
MSCI EAFE Value			-3.84	-1.22	-12.36	1.10	1.38
ppenheimer Int Equity	6,935,028	2.6	3.47	8.22	-9.44	-2.62	N/A
MSCI Emerging Markets Index			5.75	6.53	-11.70	-4.15	-3.80



	Alle	ocation			Performance(%)	. ,	
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Rhumbline International Equity	7,895,386	3.0	4.64	N/A	N/A	N/A	N/A
MSCI EAFE Index			-2.88	1.73	-7.87	2.68	2.76
Total Fixed Income Composite	61,162,307	22.9	2.92	2.13	2.83	3.28	4.33
Garcia Hamilton Fixed Inc Index			2.31	1.79	2.20	2.14	3.11
Garcia Hamilton Fixed Income	61,162,307	22.9	2.92	2.13	2.83	3.28	4.33
Garcia Hamilton Fixed Inc Index			2.31	1.79	2.20	2.14	3.11
Total Real Estate	28,327,489	10.6					
Intercontinental	15,312,996	5.7	0.83	5.25	12.70	12.70	12.92
NCREIF Property Index			2.21	5.19	11.84	11.91	11.93
J.P. Morgan	13,014,493	4.9	2.66	6.07	17.42	N/A	N/A
NCREIF Property Index			2.21	5.19	11.84	11.91	11.93
R&D Cash	1,257,423	0.5					



Asset Allocation & Performance													
	Allo	cation					Pe	rformance	(%)				
	Market Value \$	%	FYTD	Oct-2014 To Sep-2015	То	То	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	То	То	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
Total Fund Composite	267,201,649	100.0	3.21 (73)	0.69 (19)	9.53 (65)	13.75(30)	18.42 (38)	0.22 (48)	10.94 (26)	2.33 (43)	-12.97(51)	N/A	N/A
Total Fund Policy Index			4.65 (21)	0.71 (19)	10.14 (52)	14.75(16)	19.53 (20)	1.38 (24)	10.58 (34)	1.45 (52)	-13.64(59)	N/A	N/A
All Public Plans-Total Fund Median			3.82	-0.59	10.24	12.62	17.99	0.14	9.93	1.56	-12.92	14.07	8.40
Total Equity Composite	176,454,430	66.0	3.06 (79)	-1.34 (70)	10.82 (37)	18.19(1)	22.91 (1)	-0.26 (61)	13.84 (2)	-2.87 (91)	-21.15(100)	N/A	N/A
Total Equity Policy Index			5.51 (4)	-2.21 (82)	13.29 (3)	22.52(1)	27.50 (1)	-0.83 (76)	11.21 (21)	-4.75 (96)	-22.19(100)	N/A	N/A
All Public Plans-Total Equity			3.82	-0.59	10.24	12.62	17.99	0.14	9.93	1.56	-12.92	14.07	8.40
Total Domestic Equity	151,006,912	56.5											
BRC Equity	26,093,693	9.8	-0.95 (98)	0.14 (19)	20.33 (27)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Value Index	-,,		7.37 (32)	, ,	18.89 (42)	22.30(62)	30.92 (26)	-1.89 (62)	8.90 (55)	-10.62 (84)	-23.56(73)	14.45 (68)	14.62 (23)
IM U.S. Large Cap Value Equity (SA+CF) Median			5.98	-3.32	18.25	23.88	28.33	-0.98	9.32	-5.94	-20.60	16.03	12.63
Rhumbline Equity	27,175,769	10.2	8.46 (20)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S&P 500 Index			8.49 (19)	-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			6.34	-0.35	18.77	21.16	29.20	0.71	10.10	-5.51	-20.83	17.08	10.39
Garcia Hamilton Equity	20,442,904	7.7	6.53 (34)	1.41 (73)	17.12 (61)	12.80(99)	27.13 (55)	2.94 (37)	11.51 (48)	-5.16 (66)	-16.58(25)	N/A	N/A
Russell 1000 Growth Index			8.11 (13)	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			5.21	3.68	18.12	20.31	27.62	1.37	11.31	-3.03	-20.34	20.19	6.82
Anchor Equity	13,751,354	5.1	7.85 (22)	4.71 (5)	9.97 (92)	16.82(100)	21.94 (95)	-1.20 (48)	16.15 (42)	-0.66 (34)	-13.46(12)	N/A	N/A
Russell Midcap Value Index			7.16 (29)	-2.07 (55)	17.46 (25)	27.77(62)	29.28 (49)	-2.36 (56)	16.93 (28)	-7.12 (89)	-20.50(54)	13.75 (74)	12.27 (29)
IM U.S. Mid Cap Value Equity (SA+CF) Median			5.87	-1.76	15.58	28.78	29.14	-1.51	15.43	-2.95	-20.21	16.01	10.50
Oak Ridge Equity	11,417,836	4.3	-0.22 (70)	3.41 (43)	7.64 (84)	25.96(63)	22.03 (75)	N/A	N/A	N/A	N/A	N/A	N/A
Russell Midcap Growth Index			4.72 (20)	1.45 (68)	14.43 (27)	27.54(47)	26.69 (40)	0.80 (52)	18.27 (50)	-0.40 (45)	-24.65(63)	21.22 (75)	7.03 (50)
IM U.S. Mid Cap Growth Equity (SA+CF) Median			1.95	2.95	11.53	27.00	26.10	1.19	18.00	-1.57	-22.64	25.94	6.97
New Amsterdam Equity	22,953,008	8.6	0.49 (80)	7.88 (8)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2500 Index			3.68 (58)	0.38 (56)	8.97 (61)	29.79(51)	30.93 (36)	-2.22 (64)	15.92 (56)	-5.68 (69)	-17.99(38)	15.17 (74)	8.80 (45)
IM U.S. SMID Cap Equity (SA+CF) Median			4.40	0.74	10.31	29.94	28.80	-0.95	16.27	-2.80	-19.61	20.20	7.90
GW Equtiy	14,114,960	5.3	4.21 (58)	-7.42 (85)	2.37 (90)	29.48(68)	33.29 (38)	-3.71 (57)	N/A	N/A	N/A	N/A	N/A
Russell 2000 Value Index			4.63 (54)	-1.60 (66)	4.13 (81)	27.04(83)	32.63 (40)	-5.99 (73)	11.84 (75)	-12.61 (86)	-12.25(29)	6.09 (87)	14.01 (19)
IM U.S. Small Cap Value Equity (SA+CF) Median			4.97	0.67	7.04	30.97	31.07	-3.02	14.98	-4.20	-15.54	13.33	10.28



	Allo	cation		Performance(%)									
	Market Value \$	%	FYTD	Oct-2014 To Sep-2015	То	То	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	То	То	То	То	То
Eagle Equity	15,057,388	5.6	1.17 (35)	4.68 (45)		33.00(58)	28.41 (67)	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Growth Index			-0.57 (48)	4.04 (51)	3.79 (54)	33.07(57)	31.18 (49)	-1.12 (67)	14.79 (55)	-6.32 (62)	-17.07(17)	18.94 (71)	5.88 (53)
IM U.S. Small Cap Growth Equity (SA+CF) Median			-0.78	4.11	4.23	33.82	30.97	0.99	15.37	-4.01	-22.57	23.29	6.22
Total International Equity	25,447,517	9.5											
Vanguard Intl Equity (VTRIX)	10,603,829	4.0	1.96 (23)	-13.91 (99)	5.83 (21)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI EAFE Value			-1.22 (68)	-12.18 (94)	6.18 (15)	24.91(1)	13.34 (53)	-9.46 (24)	-1.15 (81)	8.06 (10)	-32.11(53)	22.54 (79)	22.26 (13)
IM International Large Cap Value Equity (MF) Median	1		-0.40	-9.74	3.57	21.84	13.50	-11.46	0.54	-1.48	-31.92	24.63	19.51
Oppenheimer Int Equity	6,935,028	2.6	8.50 (25)	-22.23 (89)	6.91 (44)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI Emerging Markets Index			6.53 (45)	-18.98 (66)	4.66 (68)	1.33(74)	17.34 (57)	-15.89 (56)	20.54 (59)	19.44 (49)	-33.01(51)	58.63 (54)	20.82 (64)
IM Emerging Markets Equity (SA+CF) Median			6.06	-17.62	6.30	4.29	18.03	-15.02	22.20	19.08	-32.99	59.28	22.04
Rhumbline International Equity	7,895,386	3.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI EAFE Index			1.73 (75)	-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			3.70	-8.05	5.78	20.34	17.29	-9.61	9.61	6.90	-30.34	29.60	20.13
Total Fixed Income Composite	61,162,307	22.9	2.22	3.98	4.78	1.03	9.04	2.41	7.99	10.50	2.82	N/A	N/A
Garcia Hamilton Fixed Inc Index			1.79	2.95	2.74	-0.71	4.31	3.59	8.16	10.56	3.65	N/A	N/A
Garcia Hamilton Fixed Income	61,162,307	22.9	2.22 (14)	3.98 (5)	4.78 (10)	1.03(8)	9.04 (8)	2.61 (85)	8.23 (51)	13.95 (16)	3.89(39)	N/A	N/A
Garcia Hamilton Fixed Inc Index			1.79 (62)	2.95 (31)	2.74 (58)	-0.71(77)	4.31 (84)	3.59 (51)	8.16 (54)	10.56 (70)	3.65(42)	N/A	N/A
IM U.S. Intermediate Duration (SA+CF) Median			1.87	2.70	2.87	-0.27	5.58	3.60	8.25	11.51	3.26	5.47	3.92
Total Real Estate	28,327,489	10.6											
Intercontinental	15,312,996	5.7	6.89 (25)	14.12 (72)	15.12 (33)	14.53(47)	14.24 (43)	19.17 (39)	N/A	N/A	N/A	N/A	N/A
NCREIF Property Index			5.19 (88)		11.26 (90)	, ,	11.00 (75)		5.84 (51)	-22.09 (10)	5.27(45)	17.31 (65)	
IM U.S. Private Real Estate (SA+CF) Median			5.76	16.17	13.05	13.35	12.90	16.96	6.09	-35.27	4.88	18.53	18.27
J.P. Morgan	13,014,493	4.9	6.90 (24)	20.93 (7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NCREIF Property Index			5.19 (88)	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			5.76	16.17	13.05	13.35	12.90	16.96	6.09	-35.27	4.88	18.53	18.27
R&D Cash	1.257.423	0.5											



	Allo	cation					P	erformance(	%)				
	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-2009 To Sep-2009
Total Fund Composite	267,201,649	100.0	2.90	0.21	8.99	13.26	17.90	-0.17	10.59	2.07	-12.97	N/A	N/A
Total Fund Policy Index			4.65	0.71	10.14	14.75	19.53	1.38	10.58	1.45	-13.64	N/A	N/A
Total Equity Composite	176,454,430	66.0	2.73	-1.87	10.14	17.61	22.25	-0.74	13.42	-3.23	-21.15	N/A	N/A
Total Equity Policy Index			5.51	-2.21	13.29	22.52	27.50	-0.83	11.21	-4.75	-22.19	N/A	N/A
Total Domestic Equity	151,006,912	56.5											
BRC Equity	26,093,693	9.8	-1.20	-0.35	19.81	N/A							
Russell 1000 Value Index			7.37	-4.42	18.89	22.30	30.92	-1.89	8.90	-10.62	-23.56	14.45	14.62
Rhumbline Equity	27,175,769	10.2	8.46	N/A									
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
Garcia Hamilton Equity	20,442,904	7.7	6.28	1.16	16.51	12.25	26.52	2.43	10.96	-5.51	-16.58	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
Anchor Equity	13,751,354	5.1	7.58	4.07	9.33	16.27	21.37	-1.66	15.62	-1.04	-13.46	N/A	N/A
Russell Midcap Value Index			7.16	-2.07	17.46	27.77	29.28	-2.36	16.93	-7.12	-20.50	13.75	12.27
Oak Ridge Equity	11,417,836	4.3	-0.52	2.81	6.99	25.22	21.33	N/A	N/A	N/A	N/A	N/A	N/A
Russell Midcap Growth Index			4.72	1.45	14.43	27.54	26.69	0.80	18.27	-0.40	-24.65	21.22	7.03
New Amsterdam Equity	22,953,008	8.6	0.27	7.46	N/A								
Russell 2500 Index			3.68	0.38	8.97	29.79	30.93	-2.22	15.92	-5.68	-17.99	15.17	8.80
GW Equtiy	14,114,960	5.3	3.78	-8.13	1.60	28.54	32.35	-4.42	N/A	N/A	N/A	N/A	N/A
Russell 2000 Value Index			4.63	-1.60	4.13	27.04	32.63	-5.99	11.84	-12.61	-12.25	6.09	14.01
Eagle Equity	15,057,388	5.6	0.79	3.90	1.53	32.03	27.38	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Growth Index			-0.57	4.04	3.79	33.07	31.18	-1.12	14.79	-6.32	-17.07	18.94	5.88
Total International Equity	25,447,517	9.5											
Vanguard Intl Equity (VTRIX)	10,603,829	4.0	1.96	-13.91	5.83	N/A							
MSCI EAFE Value			-1.22	-12.18	6.18	24.91	13.34	-9.46	-1.15	8.06	-32.11	22.54	22.26
Oppenheimer Int Equity	6,935,028	2.6	8.22	-22.95	5.83	N/A							
MSCI Emerging Markets Index	K		6.53	-18.98	4.66	1.33	17.34	-15.89	20.54	19.44	-33.01	58.63	20.82

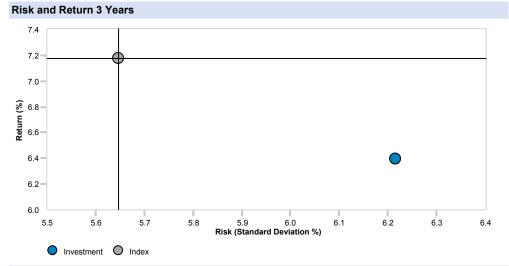


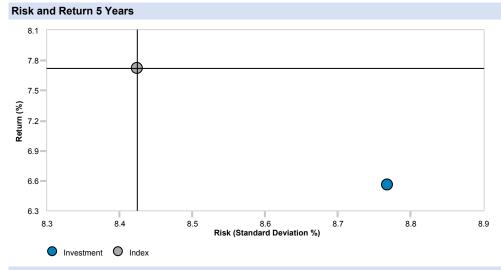
	Allo	cation					Р	erformance(	%)				
	Market Value \$	%	FYTD	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
Rhumbline International Equity	7,895,386	3.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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
Total Fixed Income Composite	61,162,307	22.9	2.13	3.78	4.57	0.83	8.83	2.21	7.83	10.35	2.82	N/A	N/A
Garcia Hamilton Fixed Inc Inde	ex		1.79	2.95	2.74	-0.71	4.31	3.59	8.16	10.56	3.65	N/A	N/A
Garcia Hamilton Fixed Income	61,162,307	22.9	2.13	3.78	4.57	0.83	8.83	2.39	8.01	13.79	3.89	N/A	N/A
Garcia Hamilton Fixed Inc Inde	ex		1.79	2.95	2.74	-0.71	4.31	3.59	8.16	10.56	3.65	N/A	N/A
Total Real Estate	28,327,489	10.6											
Intercontinental	15,312,996	5.7	5.25	12.18	12.68	13.98	13.96	19.17	N/A	N/A	N/A	N/A	N/A
NCREIF Property Index			5.19	13.48	11.26	11.00	11.00	16.10	5.84	-22.09	5.27	17.31	17.62
J.P. Morgan	13,014,493	4.9	6.07	19.53	N/A								
NCREIF Property Index			5.19	13.48	11.26	11.00	11.00	16.10	5.84	-22.09	5.27	17.31	17.62
R&D Cash	1,257,423	0.5											

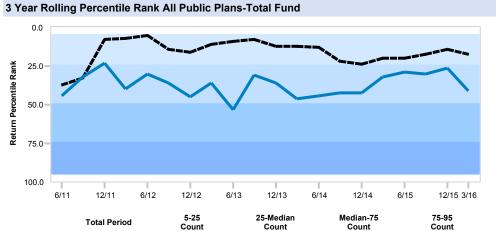


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.39	6.22	1.02	96.47	10.00	118.97	2.00
Index	7 18	5.65	1 25	100.00	10.00	100.00	2.00

<b>Historical Statis</b>	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.56	8.77	0.77	94.00	16.00	110.57	4.00
Index	7.72	8.42	0.93	100.00	16.00	100.00	4.00







18 (90%)

2 (10%)

1 (5%)

0 (0%)

0 (0%)

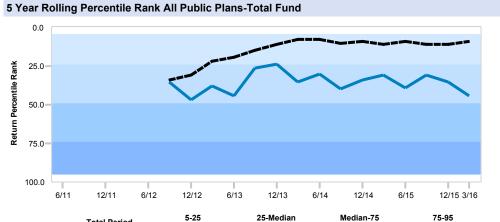
0 (0%)

1 (5%)

18 (90%)

20

20



Count

14 (93%)

2 (13%)

Count

1 (7%)

13 (87%)

**Total Period** 

15

15

Investment

\_\_ Index



Count

0 (0%)

0 (0%)

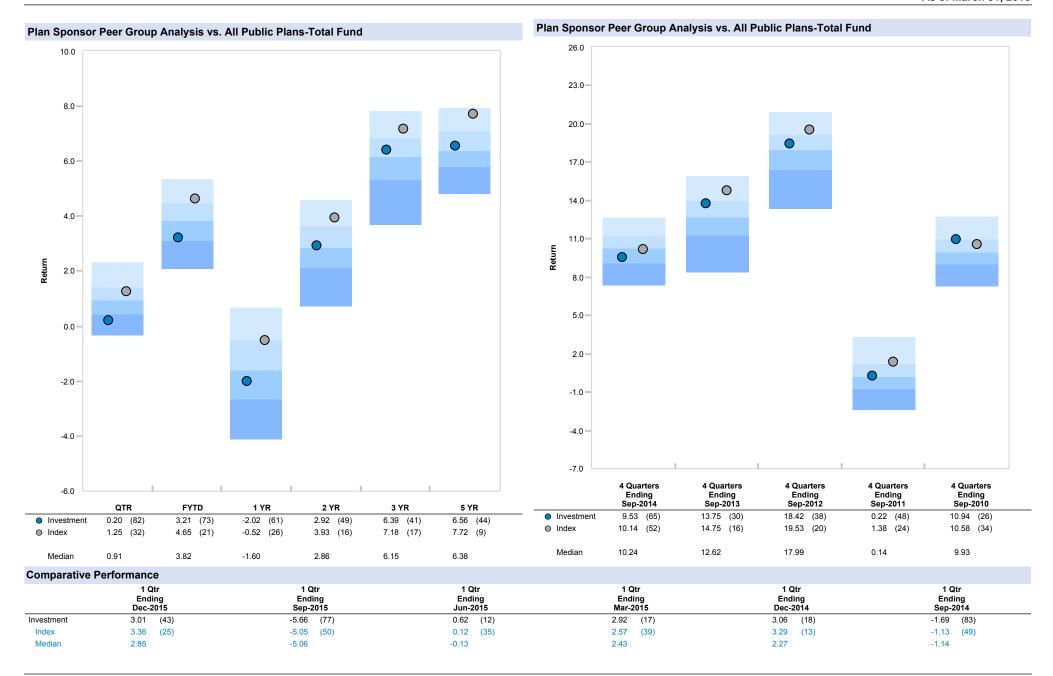
Count

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Investment

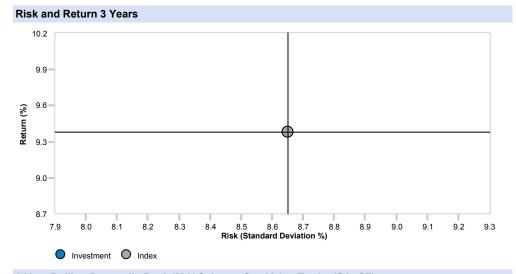
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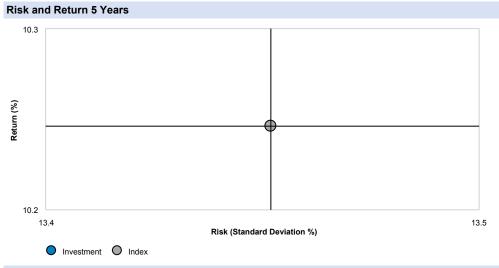


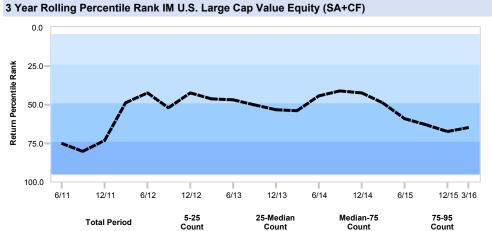


Historical Statis	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	9.38	8.65	1.08	100.00	9.00	100.00	3.00

<b>Historical Statis</b>	stics 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	10.25	13.45	0.80	100.00	14.00	100.00	6.00







10 (50%)

0 (0%)



Count

3 (15%)

Count

0 (0%)

**Total Period** 

0

20

Investment

\_\_ Index

0

1 (5%)

9 (45%)



Count

8 (40%)

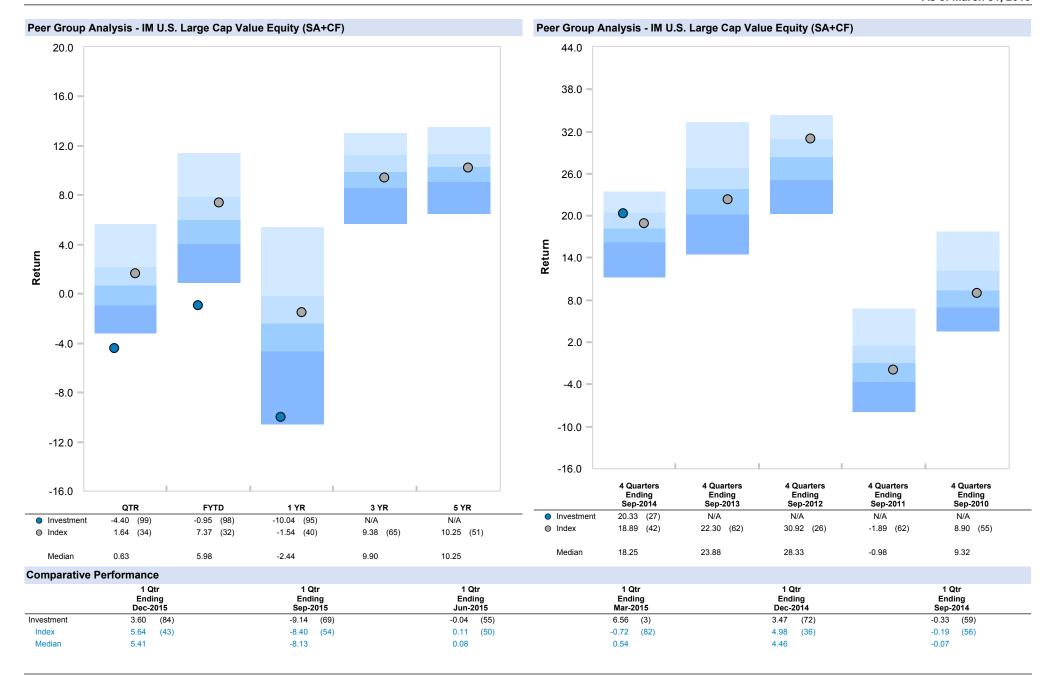
Count

9 (45%)

Investment

\_\_ Index

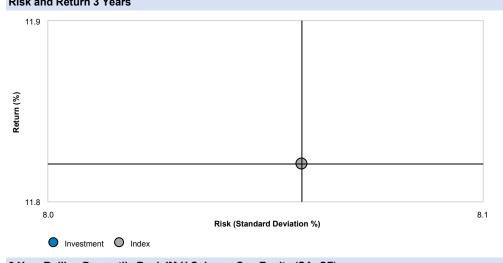
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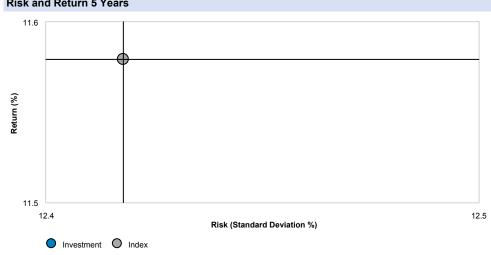


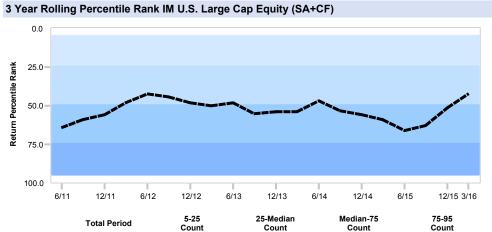


							Historical Stati	Sucs 5 rears	
Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation
N/A	N/A	N/A	N/A	N/A	N/A	N/A	Investment	N/A	N/A
11.82	8.06	1.44	100.00	11.00	100.00	1.00	Index	11.58	12.42
3		N/A N/A 11.82 8.06	N/A N/A N/A 11.82 8.06 1.44	N/A N/A N/A N/A 11.82 8.06 1.44 100.00	N/A N/A N/A N/A N/A 11.82 8.06 1.44 100.00 11.00	N/A N/A N/A N/A N/A N/A N/A 11.82 8.06 1.44 100.00 11.00 100.00	N/A N/A N/A N/A N/A N/A N/A N/A N/A 11.82 8.06 1.44 100.00 11.00 100.00 1.00	N/A N/A N/A N/A N/A N/A N/A N/A N/A Investment 11.82 8.06 1.44 100.00 11.00 100.00 1.00 Index	N/A         N/A         N/A         N/A         N/A         N/A         N/A         N/A         Investment         N/A           11.82         8.06         1.44         100.00         11.00         100.00         1.00         Index         11.58

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	11.58	12.42	0.95	100.00	16.00	100.00	4.00			







0 (0%)

8 (40%)

12 (60%)

0 (0%)

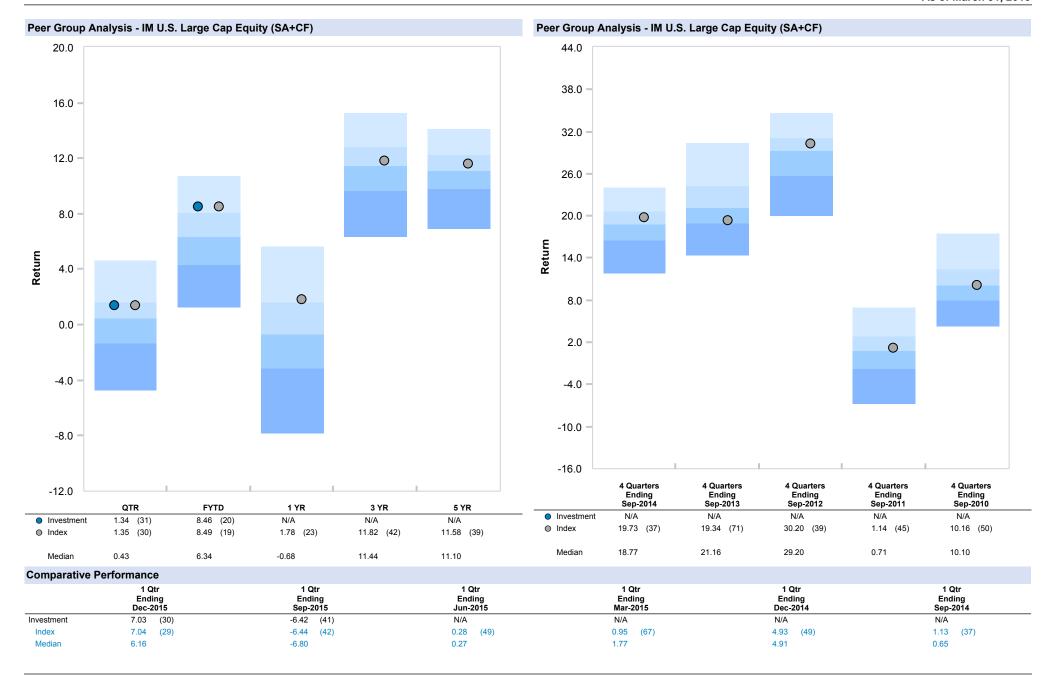


	Total Period	5-25 Count	Count	Count	Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	2 (10%)	18 (90%)	0 (0%)	



Investment

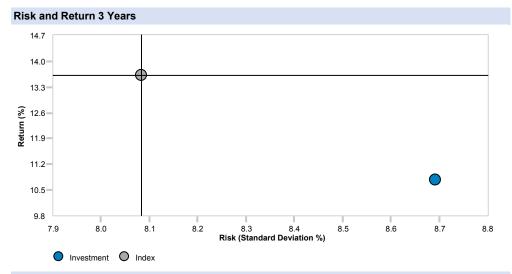
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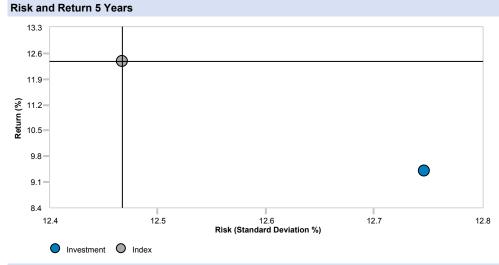


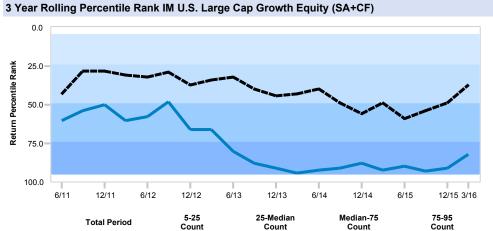


Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	10.78	8.69	1.23	87.35	10.00	136.10	2.00				
Index	13.61	8.08	1.63	100.00	11.00	100.00	1.00				

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	9.40	12.75	0.77	89.22	14.00	117.80	6.00			
Index	12.38	12.47	1.01	100.00	16.00	100.00	4.00			







2 (10%)

17 (85%)

6 (30%)

3 (15%)

12 (60%)

0 (0%)

0 (0%)

0 (0%)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	0 (0%)	1 (7%)	3 (20%)	11 (73%)
Index	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)



Investment

\_\_ Index

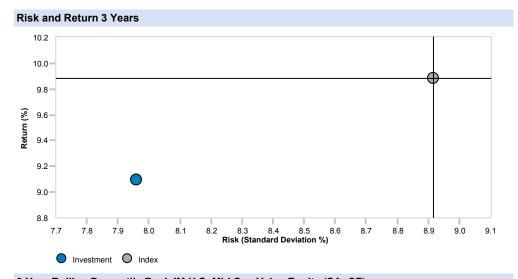
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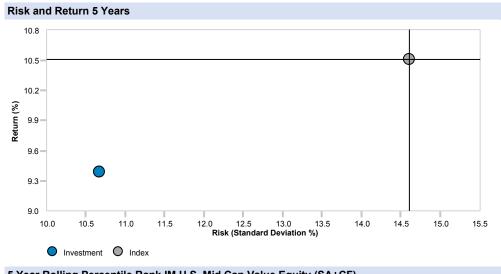




Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	9.09	7.96	1.14	88.63	9.00	81.45	3.00				
Index	9.88	8 92	1 11	100.00	9.00	100.00	3.00				

Historical Statistics 5 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	9.39	10.68	0.90	76.57	15.00	61.56	5.00				
Index	10.52	14.61	0.76	100.00	14.00	100.00	6.00				





#### 3 Year Rolling Percentile Rank IM U.S. Mid Cap Value Equity (SA+CF) 0.0 Return Percentile Rank 25.0 100.0 12/12 6/13 12/13 6/14 12/14 6/11 12/11 6/12 6/15 12/15 3/16 5-25 25-Median Median-75 75-95 **Total Period**

Count

1 (5%)

7 (35%)

Count

2 (10%)

11 (55%)

Count

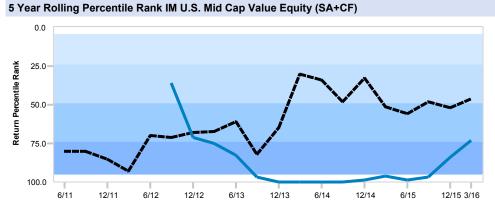
17 (85%)

0 (0%)

Count

0 (0%)

2 (10%)



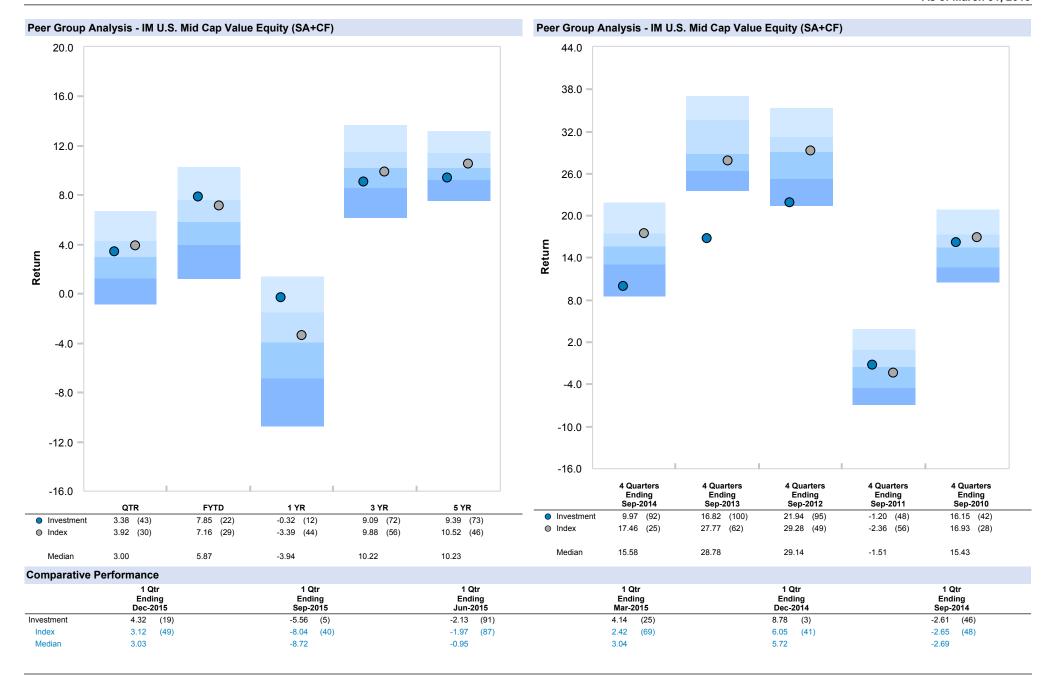
	Total Period	5-25 Count	Count	Count	Count
Investment	15	0 (0%)	1 (7%)	3 (20%)	11 (73%)
Index	20	0 (0%)	6 (30%)	9 (45%)	5 (25%)



Investment

\_\_ Index

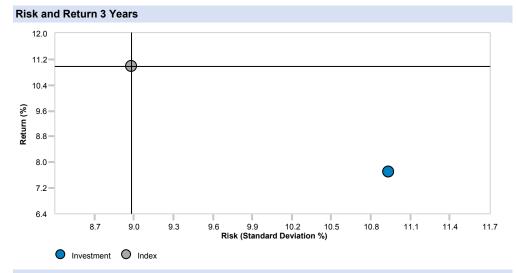
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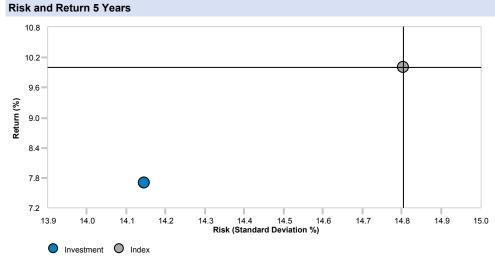


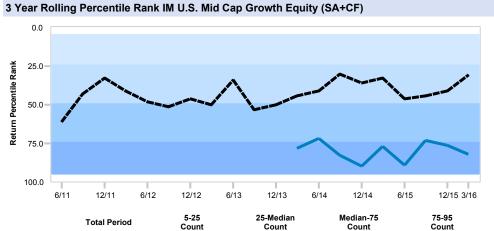


Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	7.71	10.94	0.73	80.41	8.00	102.64	4.00				
Index	10.99	8.99	1.21	100.00	9.00	100.00	3.00				

Historical Statistics 5 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	7.69	14.15	0.60	79.64	12.00	81.09	8.00				
Index	9.99	14.80	0.72	100.00	15.00	100.00	5.00				







0 (0%)

17 (85%)

2 (22%)

3 (15%)

7 (78%)

0 (0%)

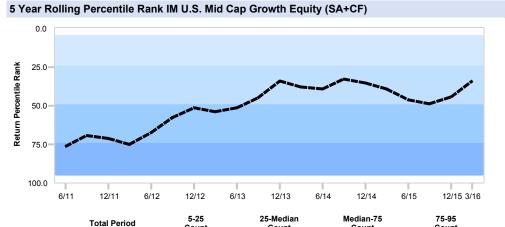
Investment

\_\_ Index

20

0 (0%)

0 (0%)



Count

0 (0%)

11 (55%)

Count

0 (0%)

0 (0%)



Count

1 (100%)

1 (5%)

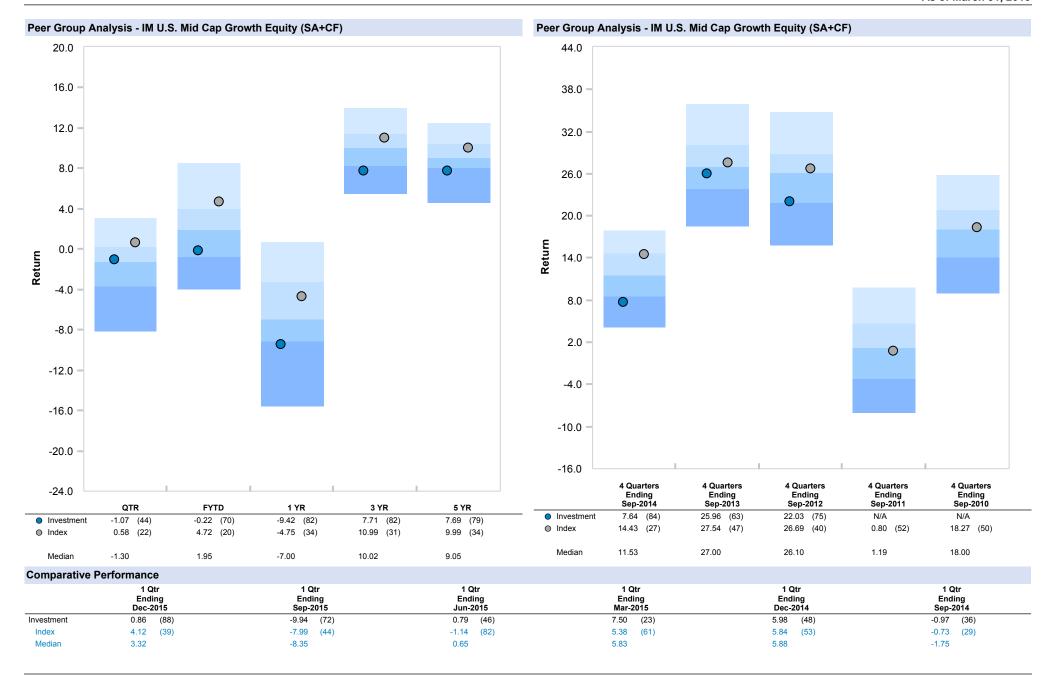
Count

0 (0%)

8 (40%)

Investment

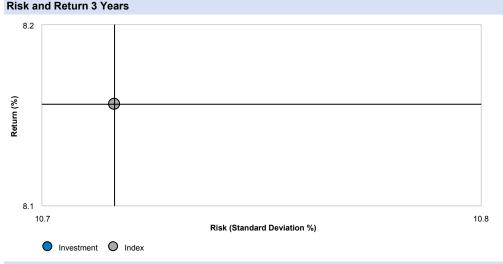
\_\_ Index

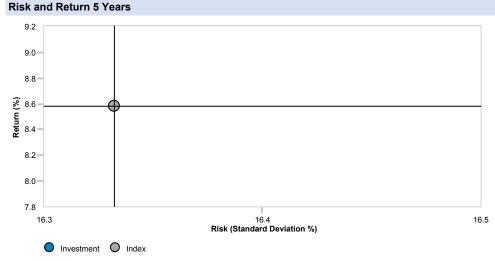


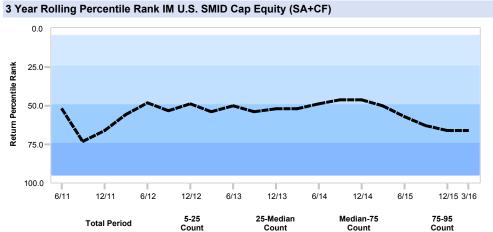


stics 3 Years						
Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
N/A	N/A	N/A	N/A	N/A	N/A	N/A
8.16	10.72	0.79	100.00	9.00	100.00	3.00
	Return N/A	Return Standard Deviation  N/A N/A	Return         Standard Deviation         Sharpe Ratio           N/A         N/A         N/A	Return         Standard Deviation         Sharpe Ratio         Up Market Capture           N/A         N/A         N/A         N/A         N/A	Return         Standard Deviation         Sharpe Ratio         Up Market Capture         Up Quarters           N/A         N/A         N/A         N/A         N/A	Return Standard Sharpe Market Up Up Market Capture 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	8.58	16.33	0.59	100.00	14.00	100.00	6.00			







7 (35%)

13 (65%)

0 (0%)

0 (0%)

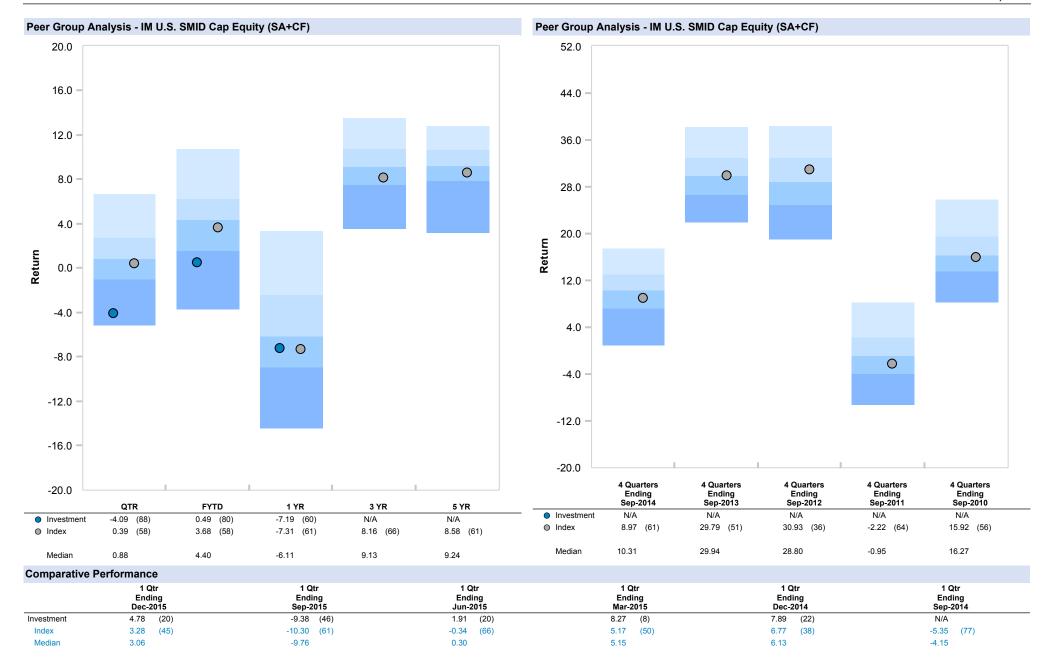


	Total Period	Count	Count	Count	Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	1 (5%)	19 (95%)	0 (0%)	



Investment

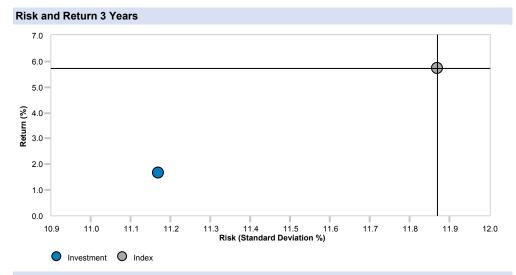
\_\_ Index

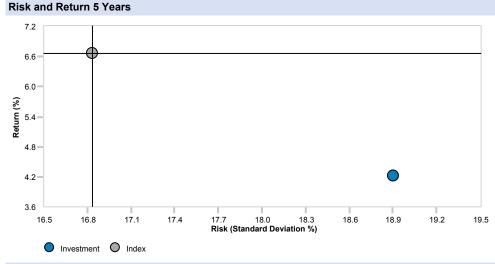


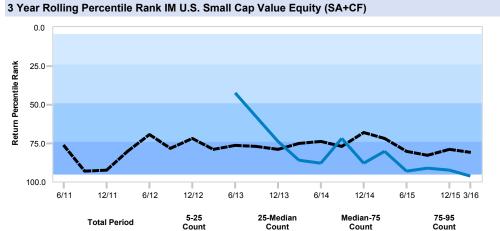


<b>Historical Stati</b>	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.65	11.17	0.20	77.46	8.00	115.76	4.00
Index	5.73	11.87	0.53	100.00	9.00	100.00	3.00

<b>Historical Statis</b>	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	4.22	18.90	0.32	96.14	13.00	112.72	7.00
Index	6.67	16.84	0.47	100.00	14.00	100.00	6.00







1 (8%)

0 (0%)

3 (25%)

6 (30%)

8 (67%)

14 (70%)

0 (0%)

0 (0%)



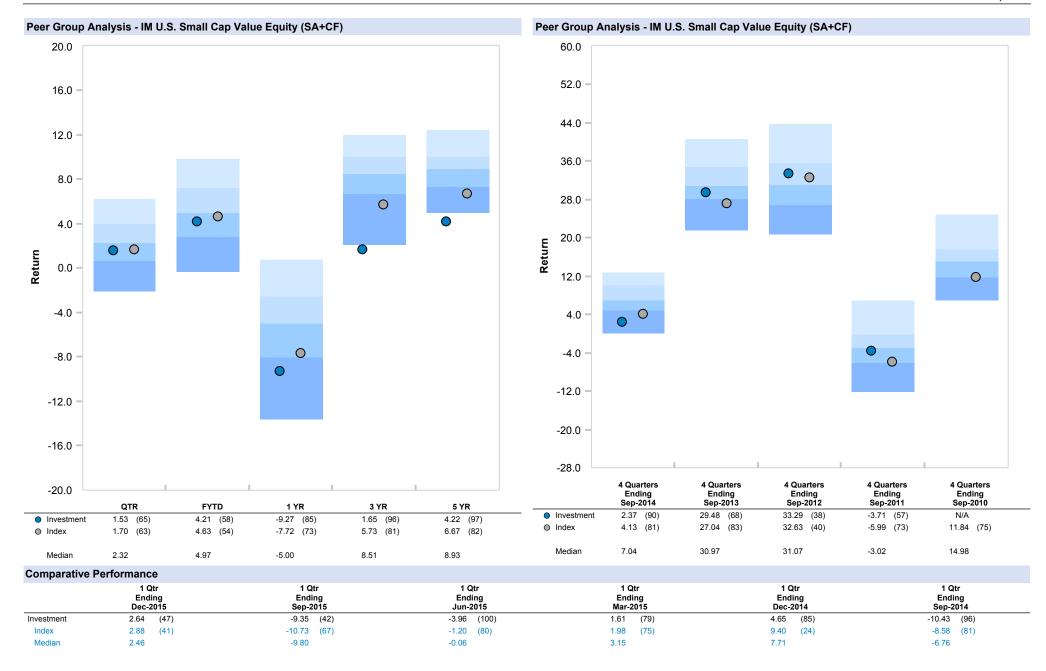
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	4	0 (0%)	0 (0%)	0 (0%)	4 (100%)
Index	20	0 (0%)	0 (0%)	0 (0%)	20 (100%)



Investment

\_\_ Index

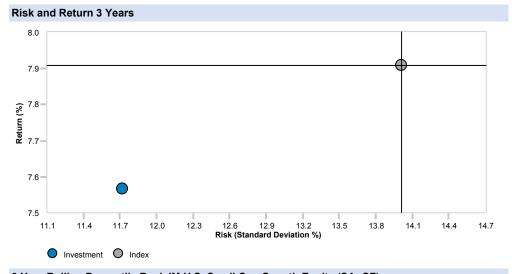
12

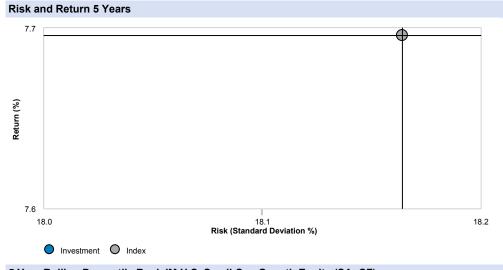


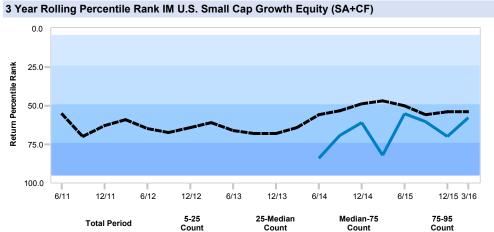


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.57	11.72	0.68	87.37	8.00	81.45	4.00
Index	7.01	14.01	0.61	100.00	0.00	100.00	3.00

<b>Historical Statis</b>	stics 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	7.70	18.16	0.50	100.00	14.00	100.00	6.00







0 (0%)

3 (15%)

6 (75%)

17 (85%)

2 (25%)

0 (0%)

0 (0%)

0 (0%)

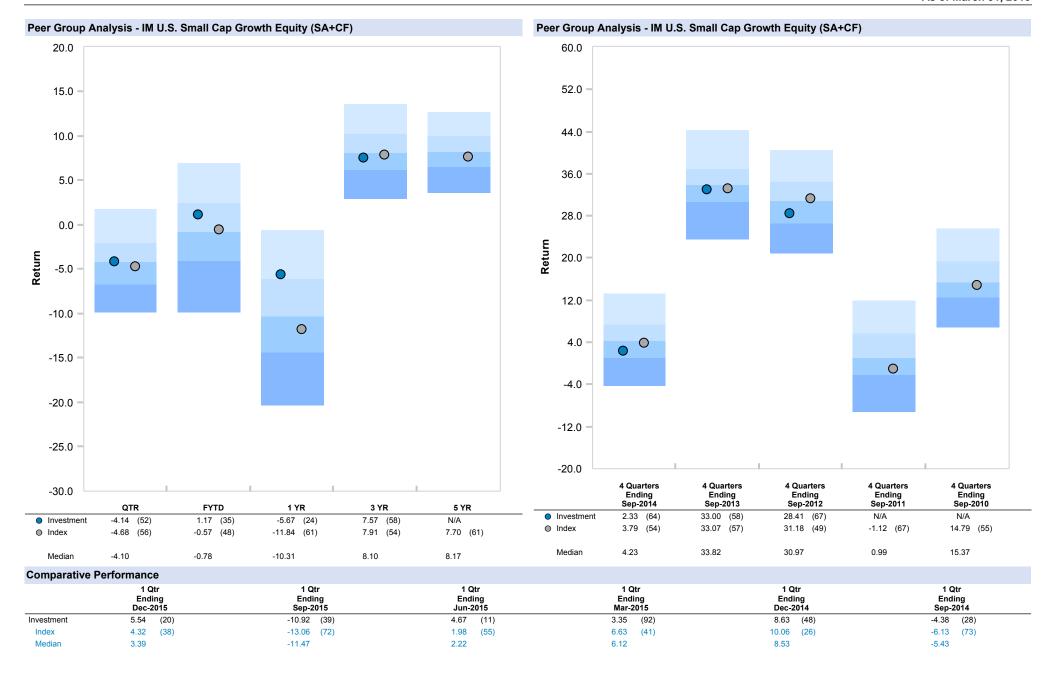


	Total Period	5-25 Count	Count	Count	Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	0 (0%)	20 (100%)	0 (0%)	



Investment

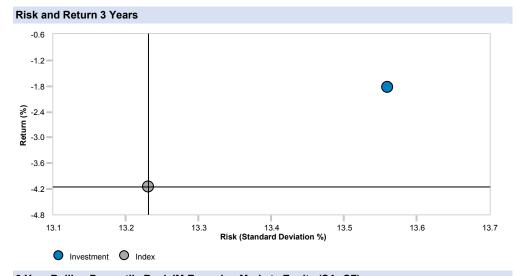
\_\_ Index

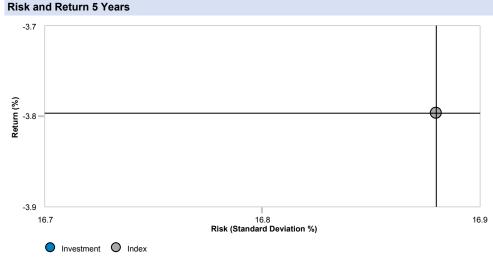


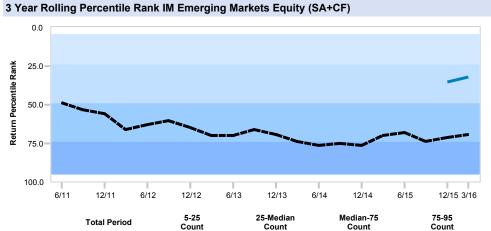


Historical Statistics 3 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters					
Investment	-1.83	13.56	-0.07	121.96	6.00	94.31	6.00					
Index	-4.15	13.23	-0.25	100.00	7.00	100.00	5.00					

<b>Historical Statis</b>	stics 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	-3.80	16.88	-0.14	100.00	11.00	100.00	9.00







2 (100%)

1 (5%)

0 (0%)

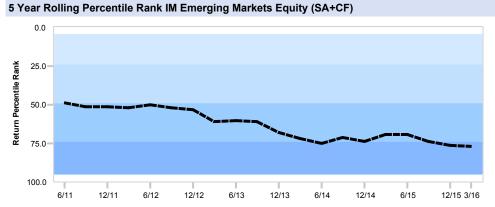
17 (85%)

0 (0%)

2 (10%)

0 (0%)

0 (0%)



	Total Period	Count	Count	Count	Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	2 (10%)	16 (80%)	2 (10%)	



Investment

\_\_ Index





iistoricai Stat	isues 3 rears							nistoricai Stati	Sucs o rears						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Dowi Quarte
vestment Index	N/A 1.10	N/A 12.41	N/A 0.15	N/A 100.00	N/A 7.00	N/A 100.00	N/A 5.00	Investment Index	N/A 1.38	N/A 14.79	N/A 0.17	N/A 100.00	N/A 13.00	N/A 100.00	N/A 7.00
nuex	1.10	12.41	0.15	100.00	7.00	100.00	5.00	muex	1.30	14.79	0.17	100.00	13.00	100.00	7.00
sk and Retu	rn 3 Years							Risk and Retur	n 5 Years						
1.3								1.4							
								<b>%</b>							
1.2-								Return (%)							
1.1							12.5	1.2							1
	tment O Index	R	isk (Standard D	Deviation %)			12.3		ment O Index	R	isk (Standard I	Deviation %)			'
	Percentile Ran	k IM Internat	tional Large	Cap Value	Equity (MF)			5 Year Rolling	Percentile Ran	k IM Internat	tional Larg	e Cap Value	Equity (MF	·)	
0.0	~~_		, m=1			-7		0.0							^
25.0								25.0		A PORTO					
50.0	<b>\</b>							sentile F							
50.0	1						•	Securifie Rank 25.0 – 50.0 – 5							
25.0 – 50.0 – 75.0 –		<b>.</b>						<del>2</del> 75.0							
100.0 6/11	12/11 6/1	2 12/12	6/13 1	2/13 6/14	12/14	6/15 1	12/15 3/16	100.0	12/11 6/1:	2 12/12	6/13	12/13 6/14	1 12/14	6/15	12/15 3/16
	Total Period	5-25 Count	25-N	/ledian	Median-75	75	-95 unt		Total Period	5-25 Count	25-	Median	Median-75 Count	75	-95 unt
		Count	C.	ount	Count	CO	unt			Count		Count	Count	Co	ulit

\_\_ Investment

\_\_ Index

0

0 (0%)

3 (15%)

0

12 (60%)

8 (40%)

20

**Historical Statistics 5 Years** 



0 (0%)

0 (0%)

Investment

\_\_ Index

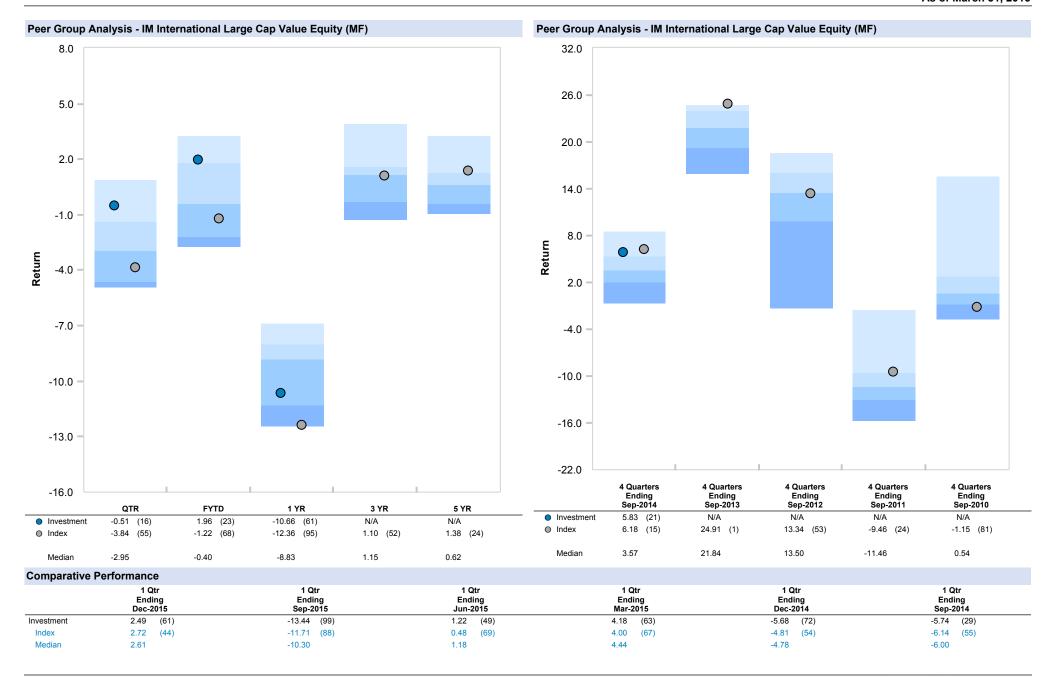
0

20

14 (70%)

3 (15%)

**Historical Statistics 3 Years** 





	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment Index	N/A 2.68	N/A 13.44	N/A 0.26	N/A 100.00	N/A 7.00	N/A 100.00	N/A 5.00	Investment Index	N/A 2.76	N/A 15.39	N/A 0.25	N/A 100.00	N/A 13.00	N/A 100.00	N/A 7.00
Risk and Returi	n 3 Years							Risk and Retu	n 5 Years						
2.7								2.8							
Return (%)								Return (%)							
2.6		R	isk (Standard D	Deviation %)			13.5	2.6		R	isk (Standard I	Deviation %)			15.4
Investr	ment O Index							Invest	ment O Index						
3 Year Rolling F	Percentile Ran	k IM Internat	tional Equit	y (SA+CF)				5 Year Rolling	Percentile Ran	k IM Interna	tional Equi	ty (SA+CF)			
0.0 25.0 50.0 50.0 50.0 50.0 50.0 50.0 5			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<b>~</b>				25.0 Setturn Percentile Rank				<b></b>		,	
75.0-		- Andrew						75.0-				-Add			

100.0

Investment

\_\_ Index

6/11

6/12

12/12

5-25 Count

0 (0%)

12/11

**Total Period** 

0

20

6/13

12/13

25-Median

Count

0 (0%)

6/14

**Historical Statistics 5 Years** 



6/15

12/14

Median-75

Count

11 (55%)

12/15 3/16

75-95

Count

9 (45%)

100.0

Investment

\_\_ Index

6/11

12/11

**Total Period** 

0

20

6/12

6/13

12/13

25-Median

Count

9 (45%)

6/14

12/14

Median-75

Count

7 (35%)

6/15

12/15 3/16

4 (20%)

75-95

Count

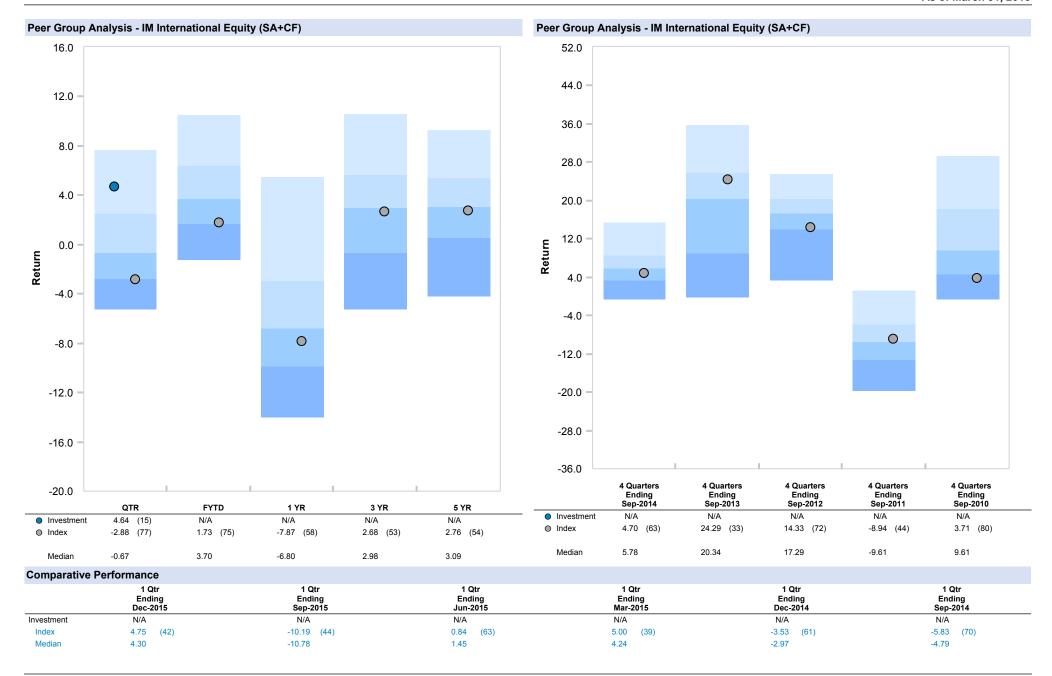
12/12

5-25

Count

0 (0%)

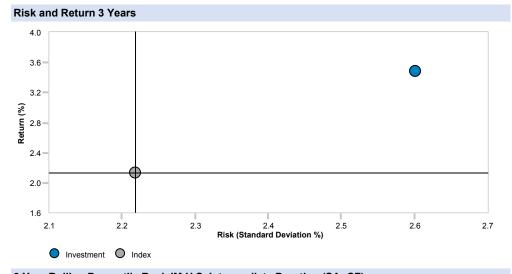
**Historical Statistics 3 Years** 

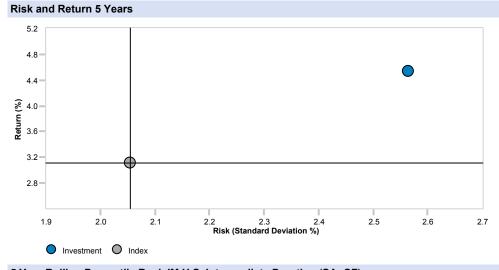


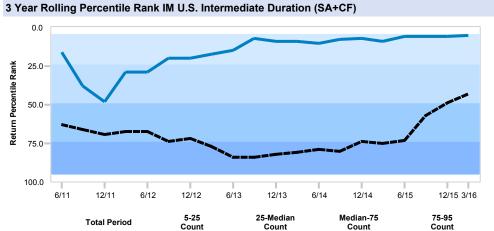


Historical Statis	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.48	2.60	1.32	133.07	9.00	73.35	3.00
Index	2.14	2.22	0.95	100.00	8.00	100.00	4.00

<b>Historical Stati</b>	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	4.54	2.57	1.74	133.41	16.00	73.35	4.00
Index	3.11	2.06	1.48	100.00	16.00	100.00	4.00







4 (20%)

2 (10%)

0 (0%)

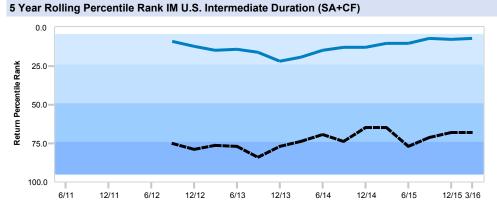
11 (55%)

0 (0%)

7 (35%)

16 (80%)

0 (0%)



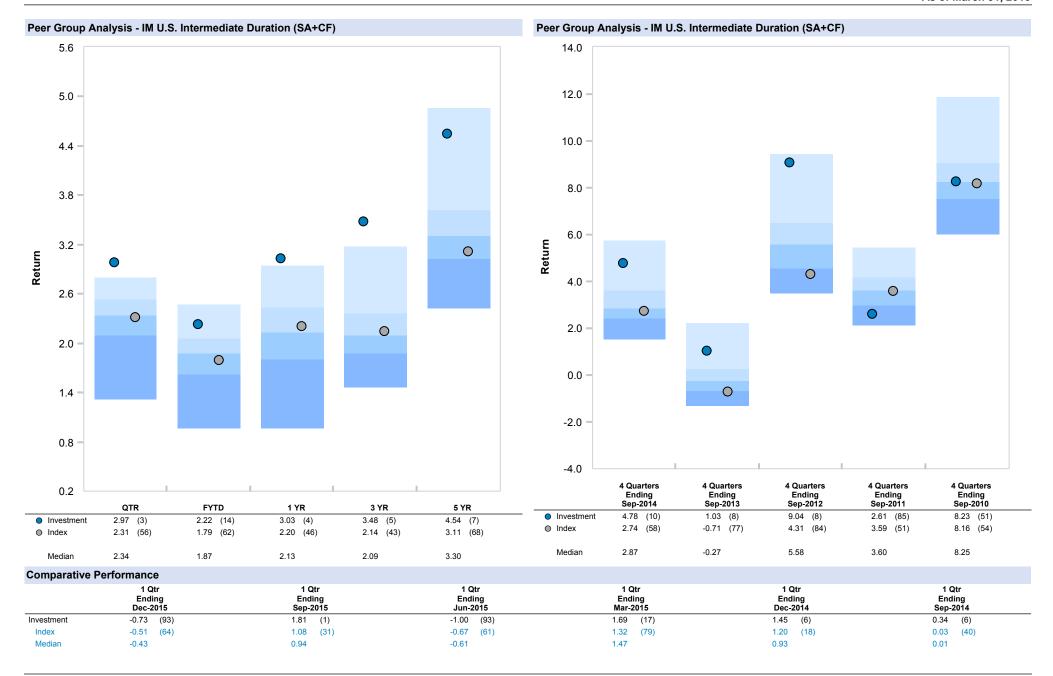
	Total Period	Count	Count	Count	Count	
Investment	15	15 (100%)	0 (0%)	0 (0%)	0 (0%)	
Index	15	0 (0%)	0 (0%)	9 (60%)	6 (40%)	



Investment

\_\_ Index

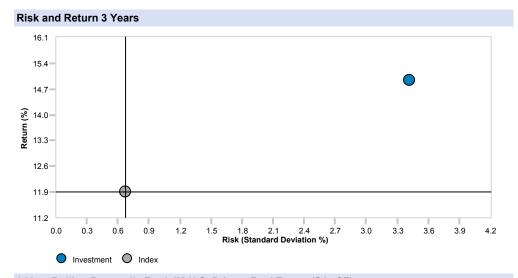
20

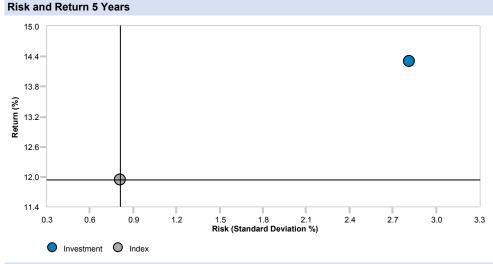




Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	14.93	3.42	4.11	124.51	12.00	N/A	N/A
Index	11.91	0.67	16.53	100.00	12.00	N/A	N/A

<b>Historical Statis</b>	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	14.31	2.81	4.80	119.28	20.00	N/A	N/A
Index	11.93	0.81	13.93	100.00	20.00	N/A	N/A







4 (20%)

9 (75%)

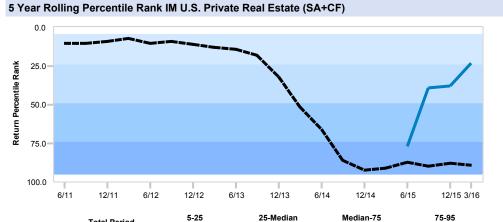
1 (5%)

2 (17%)

1 (5%)

0 (0%)

14 (70%)



Count

2 (50%)

1 (5%)

Count

0 (0%)

2 (10%)

Count

1 (25%)

10 (50%)

**Total Period** 

4

20

Investment

\_\_ Index

Count

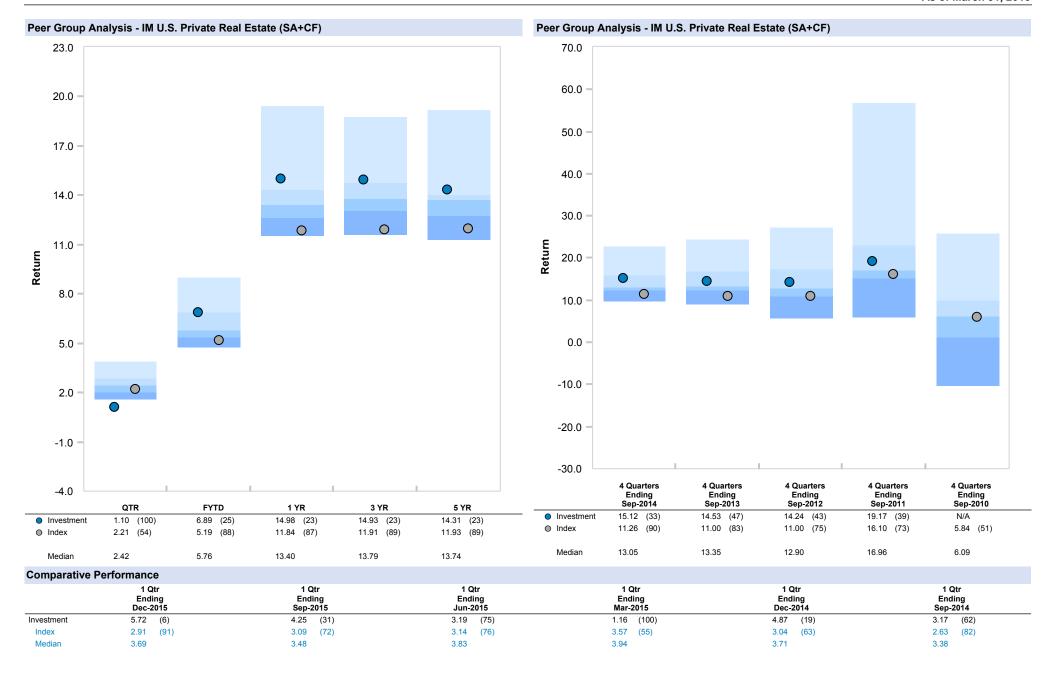
1 (25%)

7 (35%)

Investment

\_\_ Index

12





	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Dow Quart
vestment	N/A 11.91	N/A	N/A	N/A	N/A 12.00	N/A N/A	N/A N/A	Investment Index	N/A 11.93	N/A	N/A	N/A 100.00	N/A 20.00	N/A N/A	N/A
nuex	11.91	0.67	16.53	100.00	12.00	IVA	N/A	ilidex	11.93	0.81	13.93	100.00	20.00	N/A	IN//
sk and Retu	ırn 3 Years							Risk and Return	5 Years						
12.0								12.0							
								Return (%)	)						
11.9		R	isk (Standard [	Deviation %)	Ţ		0.7	11.9		R	isk (Standard	Deviation %)			(
									nent O Index						
	estment O Index				·=\								<b>.</b> =\		
	estment O Index		vate Real E	state (SA+C	F)			5 Year Rolling F		k IM U.S. Pri	vate Real E	Estate (SA+0	CF)		
ear Rolling			vate Real E	state (SA+0	F)			5 Year Rolling F		k IM U.S. Pri	vate Real E	Estate (SA+0	CF)		
0.0 0.0 25.0			vate Real E	state (SA+C	F)			5 Year Rolling F		k IM U.S. Pri	vate Real E	Estate (SA+0	CF)		
0.0			vate Real E	state (SA+C	:F)			5 Year Rolling F		k IM U.S. Pri	vate Real E	Estate (SA+C	CF)		
0.0 0.0 25.0			vate Real E	state (SA+C	F)			5 Year Rolling F		k IM U.S. Pri	vate Real E	Estate (SA+C	CF)		
0.0 0.0 25.0		IM U.S. Priv		state (SA+C	12/14	6/15 12	2/15 3/16	5 Year Rolling F				Estate (SA+0		6/15 1	2/15 3/1

0

20

\_\_ Investment

\_\_ Index

0

1 (5%)

10 (50%)

0

2 (10%)



0

7 (35%)

Investment

0

20

0

1 (5%)

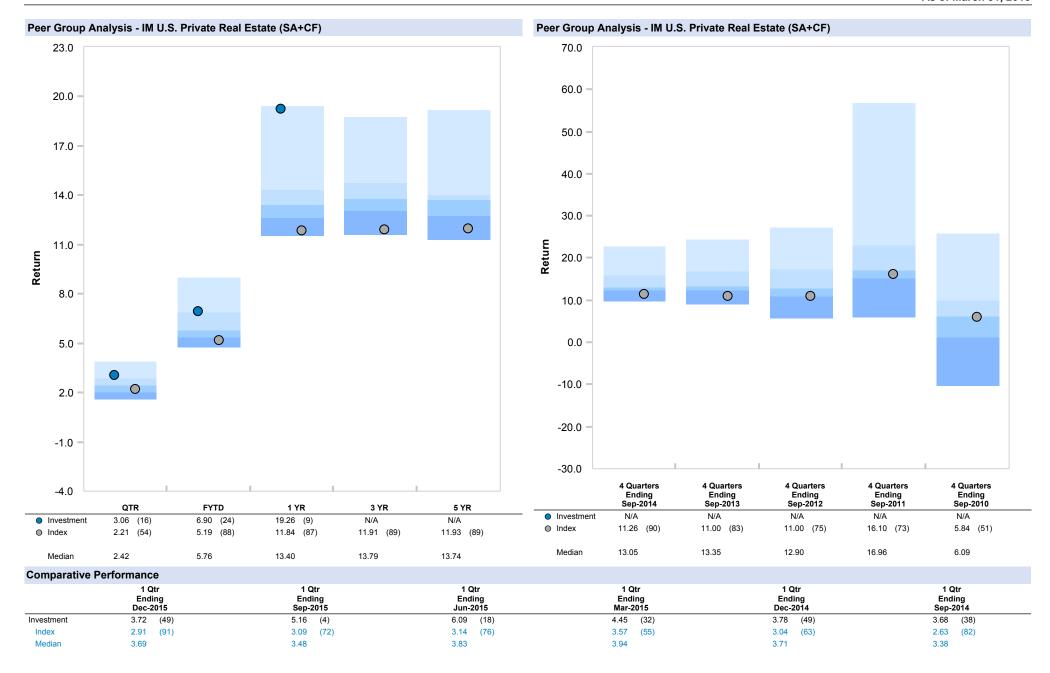
4 (20%)

0

1 (5%)

0

14 (70%)





Total Fund Historical Hybrid Composition				Total Equity Historical Hybrid	Composition	
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)	
Oct-2007		Apr-2014		Oct-2007		
Barclays Aggregate Index	35.00	Barclays Intermediate Aggregate Index	26.00	S&P 500 Index	44.60	
S&P 500 Index	29.00	S&P 500 Index	25.00	Russell Midcap Index	24.60	
Russell Midcap Index	16.00	Russell Midcap Index	16.00	Russell 2000 Index	15.40	
Russell 2000 Index	10.00	Russell 2000 Index	10.00	MSCI EAFE Index	15.40	
MSCI EAFE Index	10.00	MSCI EAFE Index	10.00			
		NCREIF Property Index	10.00	Jul-2010		
Jul-2010		MSCI Emerging Markets Index	3.00	S&P 500 Index	40.00	
Barclays Aggregate Index	35.00			Russell Midcap Index	24.60	
S&P 500 Index	26.00			Russell 2000 Index	15.40	
Russell Midcap Index	16.00			MSCI EAFE Index	15.40	
Russell 2000 Index	10.00			NCREIF Property Index	4.60	
MSCI EAFE Index	10.00					
NCREIF Property Index	3.00			Oct-2011		
				S&P 500 Index	45.00	
Apr-2011				Russell Midcap Index	25.00	
Barclays Intermediate Aggregate Index	35.00			Russell 2000 Index	15.00	
S&P 500 Index	26.00			MSCI EAFE Index	15.00	
Russell Midcap Index	16.00			I 0040		
Russell 2000 Index	10.00			Jan-2013	40.00	
MSCI EAFE Index	10.00			S&P 500 Index	40.00	
NCREIF Property Index	3.00			Russell Midcap Index	25.00	
2				Russell 2000 Index	15.00	
Oct-2011	00.00			MSCI EAFE Index	15.00	
Barclays Intermediate Aggregate Index	30.00			MSCI Emerging Markets Index	5.00	
S&P 500 Index	29.00			Oct-2014		
Russell Midcap Index	16.00			S&P 500 Index	40.00	
Russell 2000 Index	10.00			Russell Midcap Index	12.50	
MSCI EAFE Index	10.00			Russell 2000 Index	15.00	
NCREIF Property Index	5.00			Nussell 2000 IIIUEX	13.00	
Jan-2013						
Barclays Intermediate Aggregate Index	30.00			Garcia Hamilton FI Historical H	lybrid Composition	
S&P 500 Index	26.00			Allocation Mandate	-	Weight (%)
Russell Midcap Index	16.00			Oct-2007		- 3 - (/-/
Russell 2000 Index	10.00			Barclays Aggregate Index		100.00
MSCI EAFE Index	10.00			Darolays Aggregate much		100.00
NCREIF Property Index	5.00			Apr-2011		
MSCI Emerging Markets Index	3.00			Barclays Intermediate Aggregate	a Index	100.00



# **Active Return**

- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.

## Alpha

- 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.

#### Beta

- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.

### Consistency

- 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.

## **Down Market Capture**

- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance

# **Downside Risk**

- 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.

### **Excess Return**

- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.

#### **Excess Risk**

- A measure of the standard deviation of a portfolio's performance relative to the risk free return.

## Information Ratio

- 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.

### R-Squared

- 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.

### Return

- Compounded rate of return for the period.

### **Sharpe Ratio**

- 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.

#### Standard Deviation

- 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.

# **Tracking Error**

- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.

## **Treynor Ratio**

- 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.

### **Up Market Capture**

- 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.

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