

City Of Aurora Retiree Health Insurance Trust Fund

Investment Performance Review
Quarter Ending
September 30, 2016





I am delighted to announce that we will be rebranding our firm early next year to reflect our enduring commitment to true independence and our firm's desire to always put our clients first.

In September of 2000, our founder, Joe Bogdahn, started Bogdahn Consulting, LLC. In an industry dominated by brokerage firms and conflicted service models, he realized early on that only true independence would provide the platform for an institutional consulting firm to offer objective advice and guide clients through an increasingly challenging world. Joe shared his vision with me soon thereafter; I quickly appreciated the power of the independent model and our shared desire to put the client first in every aspect of our business dealings.

As the firm has evolved and grown over the past 16 years, and as we have recruited talented employees and businesses from around the country, this foundation remains the bedrock of what we do and think about every day – always putting our clients' interests first. We are very proud of the service culture we created and continue to foster within our firm.

As an important milestone, we recently transitioned the majority ownership of the firm from our founder to the next generation of leaders. We believe this was a very important step in solidifying our business and ensuring we can continue to serve clients without interruption or disruption in our core servicing philosophy of "clients first". Our employees continue to exemplify a relentless pursuit of serving our clients within an independent structure every day.

The timing of this rebrand corresponds with the expansion of employee ownership and participation, as well as our collective passion of putting clients first in everything we do. While the change will occur early in 2017, we wanted to share this exciting news with you as early as possible. Until then, please contact your consulting team to keep you up to date with developments along the way.

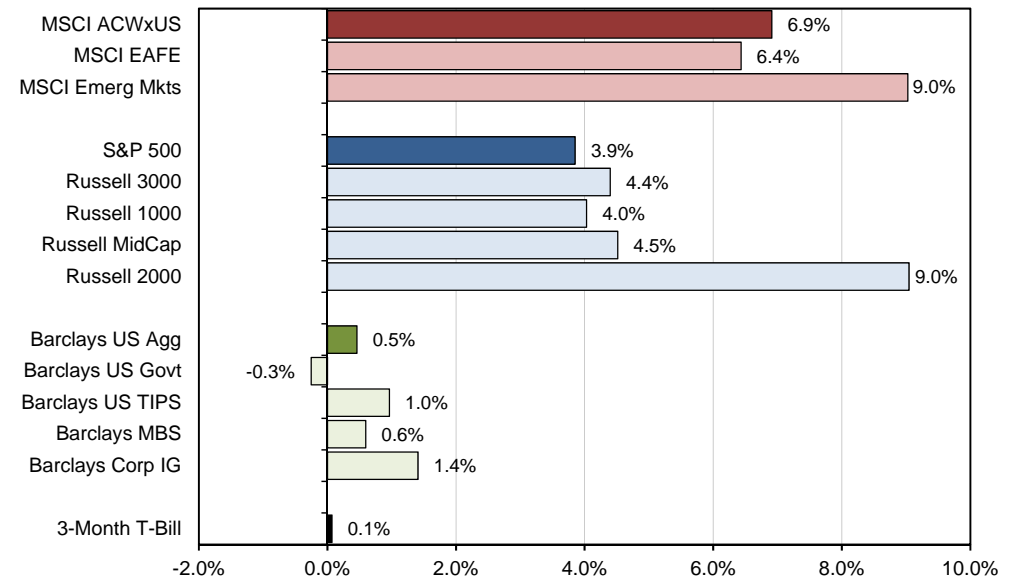
We appreciate your business and the opportunity to serve you. Here, our clients will always be first.

Sincerely,

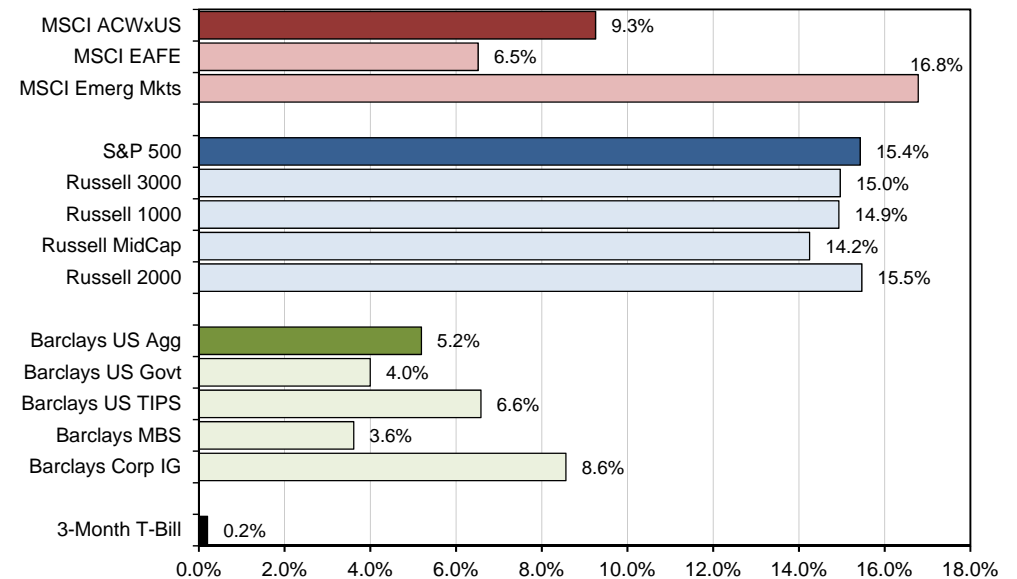
Mike Welker
President/CEO

- Asset class returns were broadly positive for the 3rd quarter as global markets continued to rebound from the late June shock caused by the U.K.'s decision to leave the European Union. Investment returns also benefited from continued expansionary global central bank policies as well as general improvement in economic data. Domestic and international equity, particularly small cap and emerging markets, easily outperformed bonds as investor sentiment shifted once again to a "risk-on" posture. Returns for the trailing twelve months illustrated a similar pattern with higher risk assets generally outperforming defensive investments.
- Equity market indices were positive for the 3rd quarter and the 1-year period. Domestic stock market returns represented by the Russell 3000 Index have been solid, returning 4.4% for the 3rd quarter and 15.0% over the trailing year. Within domestic stocks, the small cap index doubled the performance of other domestic indices with a return of 9.0% for the quarter. This strong outperformance for the quarter also elevated the small cap benchmark marginally past the return of domestic equity indices for the 1-year period. Similar to domestic equity results, international equity indices also yielded robust performance for the 3rd quarter. In U.S. Dollar (USD) terms, the MSCI ACWI ex U.S. Index (net) appreciated 6.9% for the quarter and 9.3% over the last year. The Emerging market index posted its third straight quarter of outperformance relative to developed market MSCI-EAFE Index (net). The MSCI Emerging Market Index (net) posted returns of 9.0% and 16.8%, respective, for the 3rd quarter and 1-year period versus returns of 6.4% and 6.5% for the MSCI EAFE Index (net).
- Despite a brief drop in yields at the start of the 3rd quarter, the U.S. Treasury yield curve moved higher as interest rates rose moderately across the maturity spectrum. This upward shift in the yield curve caused U.S. Government bonds to post negative returns for the quarter. In contrast, the investment grade corporate and mortgage-backed bond components of the Aggregate benchmark managed to post positive performance for the quarter. Investment grade corporate issues benefited from increased demand for yield, which led to tightening credit spreads throughout the quarter, particularly in lower credit quality issues.

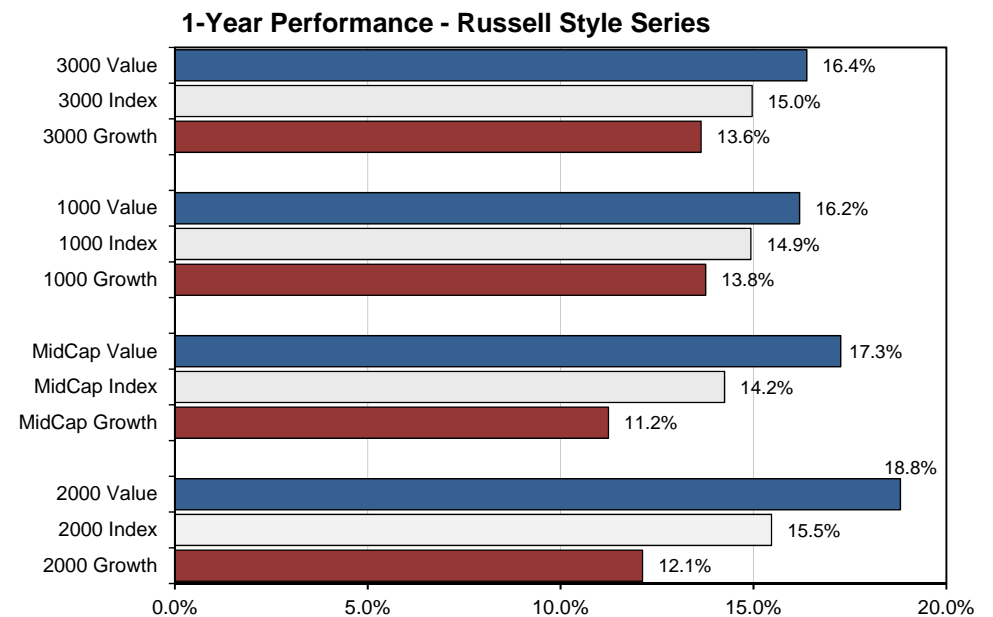
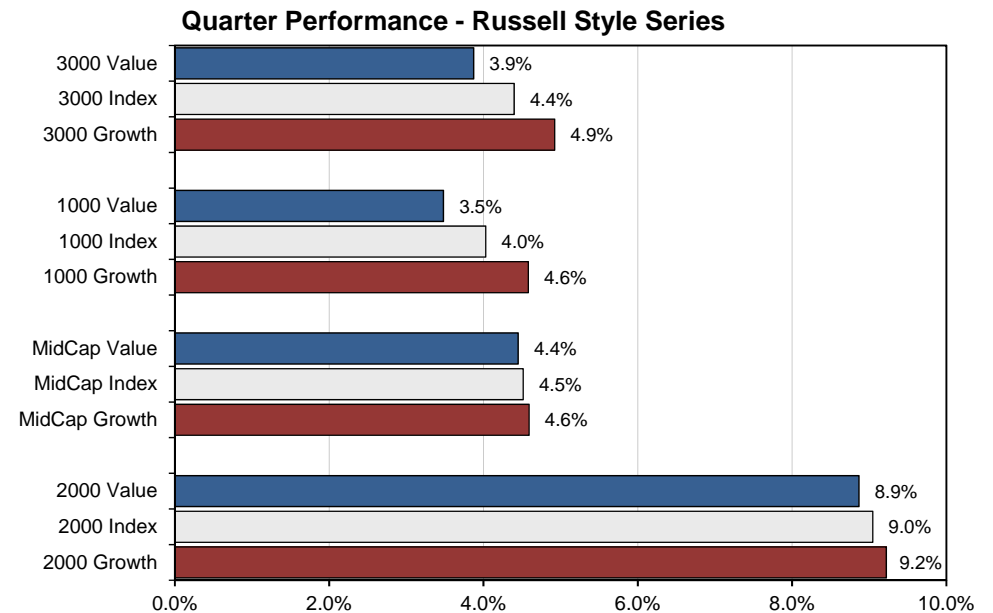
Quarter Performance



1-Year Performance



- U.S. equity index returns were positive across the style and capitalization spectrum during the 3rd quarter. The enthusiasm from generally better than expected 2nd quarter earnings and positive macroeconomic data early in the quarter were tempered by rising expectations the U.S. Federal Reserve (Fed) would tighten monetary policy by increasing short-term interest rates in September. While the Fed ultimately decided to leave short-term interest rates unchanged, Fed Chair Janet Yellen provided guidance that the case for a rate increase had been “strengthened”, increasing the odds of a rate hike before the end of the year, but likely not until after the November election cycle.
- Growth stocks marginally outpaced value stocks across the capitalization spectrum for the 3rd quarter, reversing the trend of value outperformance for the first half of 2016. Growth index results were led by investors seeking the potential return premium associated with faster growing companies. Growth index performance also benefited from larger weights to Information Technology, the best performing economic sector for the 3rd quarter. As with the core indices, small cap style benchmarks were the best performers across the capitalization spectrum, doubling their mid and large cap counterparts. Despite a strong 3rd quarter for growth indices, the style-based performance reverses over the 1-year period with the more defensive value indices outpacing growth indices across the capitalization spectrum.
- From a valuation perspective, equity valuations appear stretched relative to historical levels based on their forward Price/Earnings ratios (P/E). Even the most attractively valued indices are trading modestly above their historical valuation averages. The large and mid cap growth indices trade at valuations near their respective historical average, while the remaining indices range between 106% and 114% of their 15-year averages.

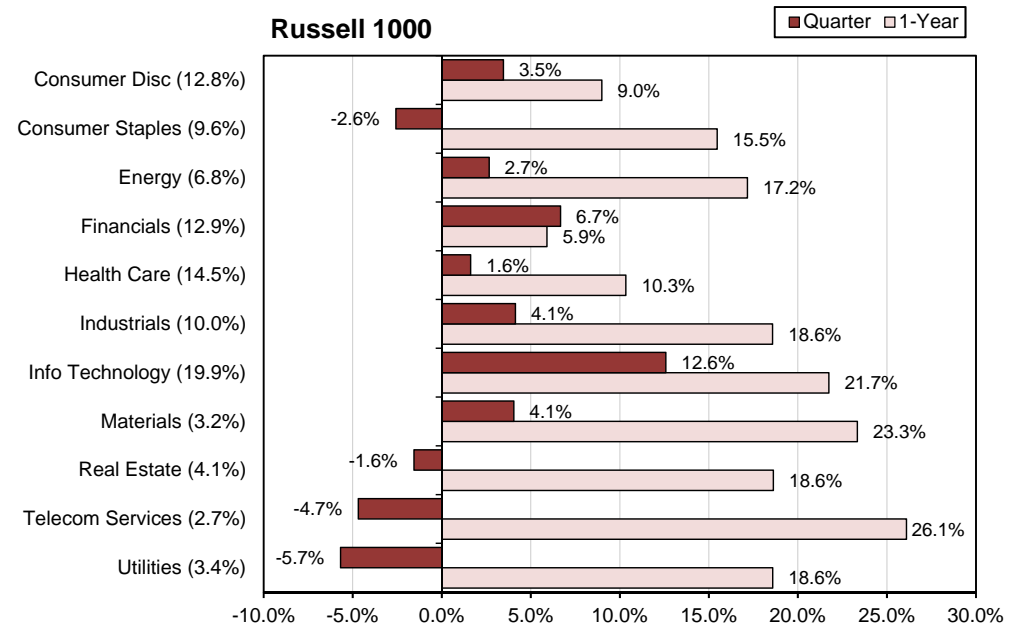


- Large cap sector performance was polarizing for the 3rd quarter with a performance span of 18.3% between the best and worst performing sectors. Seven of eleven sectors within the Russell 1000 Index posting gains for the period but only four economic sectors outpaced the 4.0% return of the broad Russell 1000 index. The Information Technology sector was the quarter's best performer. The sector's return of 12.6% was supported by a strong earnings season. Financial securities also performed notably well, returning 6.7%, as market participants considered the heightened possibility of a near-term interest rate hike. The prospect of higher interest rates represented a headwind to more defensive sectors, reversing a trend of outperformance in the Utilities, Real Estate, Telecommunications and Consumers Staples sectors. Utilities were the worst performers, returning -5.7% for the quarter. Sector performance over the 1-year period has been remarkably solid with all eleven economic sectors posting positive results, and nine posting double-digit returns. Despite its negative performance for the 3rd quarter, the Telecommunications sector was the best performer over the 1-year period with a return of 26.1%. Financial stocks have struggled relative to other sectors over the 1-year period as the persistent low interest rate environment continues to inhibit bank profits.

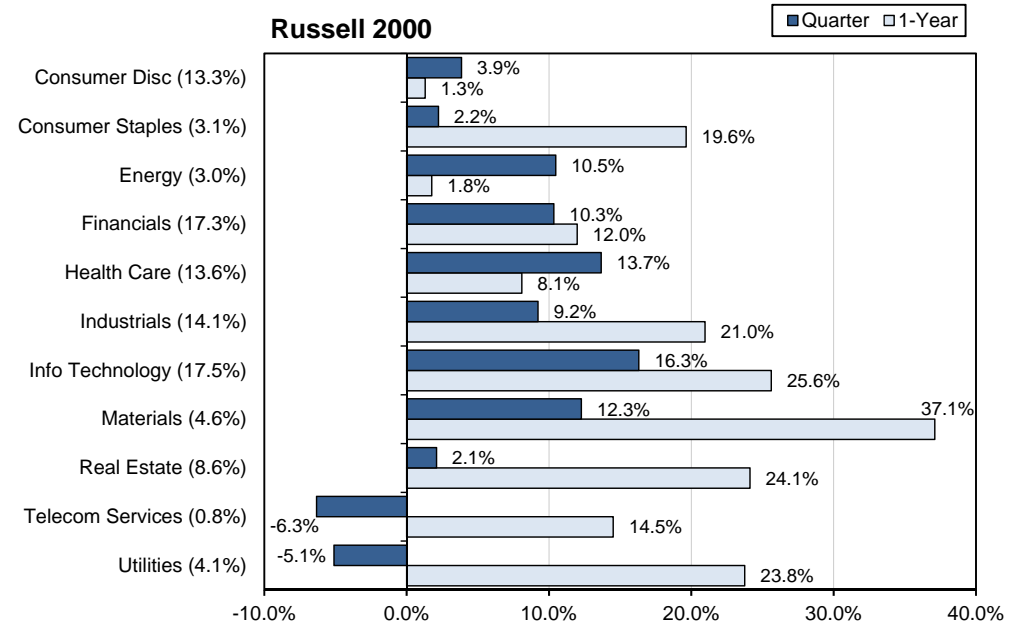
- Small cap sector performance was generally positive for the 3rd quarter with nine of eleven sectors advancing. However, much like large cap sector results, the performance span between the best and worst performing sectors was a large 22.6% for the period. While the trends observable in the large cap index generally persisted in the small cap benchmark, small cap sector performance outpaced the respective large cap sector result in ten of eleven sectors. Also similar to large cap issues, higher yielding, defensive sectors lagged the more cyclical, economically sensitive sectors. Over the 1-year period, higher dividend paying Real Estate, Utilities and Telecommunications sectors posted double-digit performance despite their relatively weak 3rd quarter results. Although positive, the Consumer Discretionary and Energy sectors lagged over the 1-year period returning 1.3% and 1.8% respectively.

- Using the S&P 500 as a proxy, forward P/E ratios for six GICS sectors were below their long-term (20-year) averages at quarter-end. The Information Technology and Telecommunications sectors were trading at the largest discount to their long-term average P/E ratios. In contrast, Energy and Utilities sector valuations were the most extended relative to their historical P/E ratios.

Russell 1000



Russell 2000



The Market Environment
Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000
As of September 30, 2016

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	2.96%	18.9%	4.7%	Information Technology
Microsoft Corp	2.08%	13.3%	33.7%	Information Technology
Exxon Mobil Corp	1.74%	-6.1%	21.6%	Energy
Amazon.com Inc	1.56%	17.0%	63.6%	Consumer Discretionary
Johnson & Johnson	1.55%	-2.0%	30.2%	Health Care
Facebook Inc A	1.38%	12.2%	42.7%	Information Technology
Berkshire Hathaway Inc B	1.31%	-0.2%	10.8%	Financials
General Electric Co	1.30%	-5.2%	21.1%	Industrials
AT&T Inc	1.20%	-5.0%	31.2%	Telecommunication Services
JPMorgan Chase & Co	1.16%	8.0%	12.5%	Financials

Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Microsemi Corp	0.27%	28.5%	27.9%	Information Technology
Advanced Micro Devices Inc	0.26%	34.4%	301.7%	Information Technology
Gramercy Ppty Tr	0.23%	5.7%	54.8%	Real Estate
Curtiss-Wright Corp	0.23%	8.1%	46.7%	Industrials
Idacorp Inc	0.23%	-3.2%	24.4%	Utilities
Healthcare Realty Trust Inc	0.22%	-1.8%	42.7%	Real Estate
Aspen Technology Inc	0.22%	16.3%	23.4%	Information Technology
Fair Isaac Corp	0.22%	10.3%	47.6%	Information Technology
Cepheid	0.22%	71.3%	16.6%	Health Care
Portland General Electric Co	0.22%	-2.8%	18.8%	Utilities

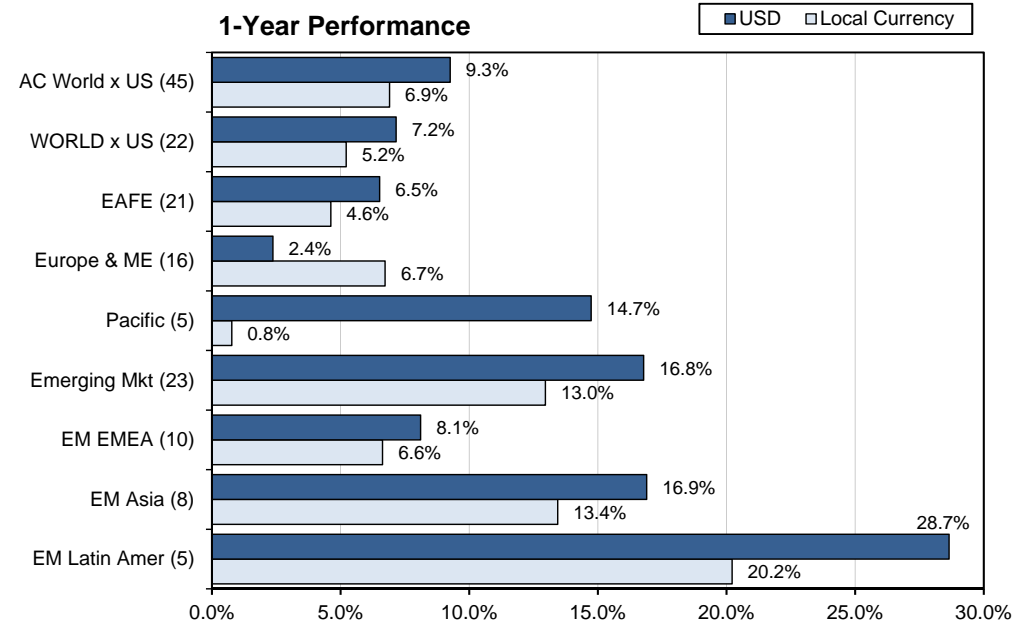
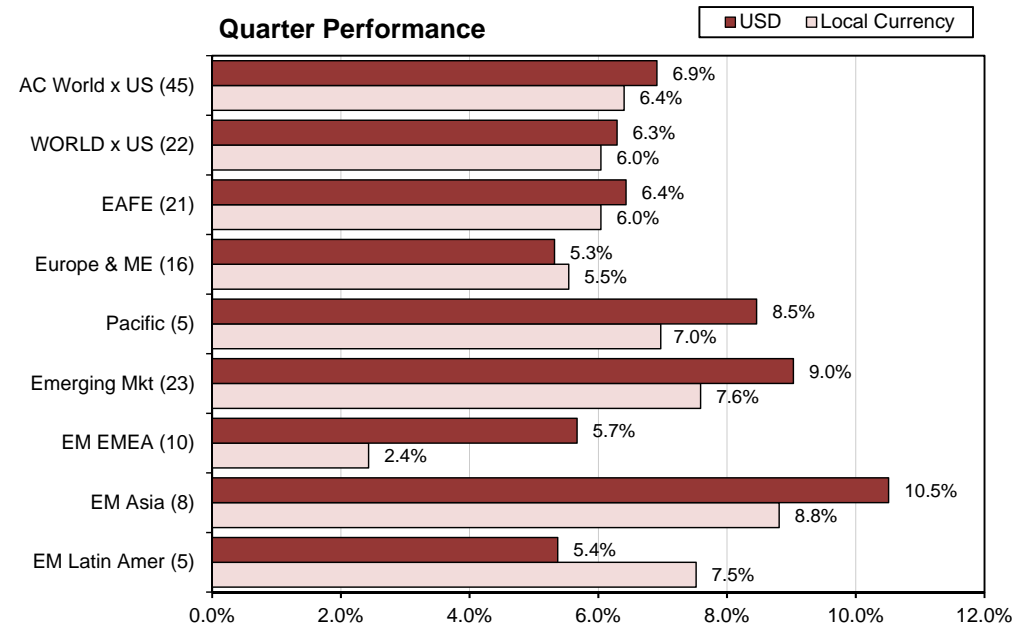
Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Puma Biotechnology Inc	0.00%	125.1%	-11.0%	Health Care
The Chemours Co	0.00%	94.7%	151.1%	Materials
Genworth Financial Inc	0.00%	92.2%	7.4%	Financials
Lumentum Holdings Inc	0.00%	72.6%	146.4%	Information Technology
Copa Holdings SA Class A	0.01%	69.3%	118.4%	Industrials
Groupon Inc	0.01%	58.5%	58.0%	Consumer Discretionary
Ionis Pharmaceuticals Inc	0.02%	57.3%	-9.4%	Health Care
bluebird bio Inc	0.00%	56.6%	-20.8%	Health Care
GoPro Inc A	0.00%	54.3%	-46.6%	Consumer Discretionary
Penske Automotive Group Inc	0.01%	54.2%	2.3%	Consumer Discretionary

Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Seventy Seven Energy Inc	0.00%	20366.9%	1265.9%	Energy
Sarepta Therapeutics Inc	0.15%	222.0%	91.2%	Health Care
Tobira Therapeutics Inc	0.02%	216.4%	311.4%	Health Care
Clayton Williams Energy Inc	0.03%	211.1%	120.1%	Energy
Ultra Petroleum Corp	0.00%	184.6%	-21.6%	Energy
Cloud Peak Energy Inc	0.00%	164.1%	106.8%	Energy
Clovis Oncology Inc	0.07%	162.8%	-60.8%	Health Care
Acacia Communications Inc	0.03%	158.6%	N/A	Information Technology
Abeona Therapeutics Inc	0.00%	154.2%	48.1%	Health Care
Healthways Inc	0.05%	129.1%	137.9%	Health Care

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
SunEdison Inc	0.00%	-64.5%	-99.3%	Information Technology
Corrections Corp of America	0.01%	-58.8%	-48.6%	Real Estate
SunPower Corp	0.00%	-42.4%	-55.5%	Information Technology
Quorum Health Corp	0.00%	-41.5%	N/A	Health Care
The Hain Celestial Group Inc	0.02%	-28.5%	-31.0%	Consumer Staples
Diamond Offshore Drilling Inc	0.01%	-27.6%	2.4%	Energy
Bristol-Myers Squibb Company	0.43%	-26.7%	-7.4%	Health Care
Tractor Supply Co	0.04%	-25.9%	-19.3%	Consumer Discretionary
Dollar General Corp	0.09%	-25.3%	-2.2%	Consumer Discretionary
NRG Energy Inc	0.02%	-25.1%	-22.2%	Utilities

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Horsehead Holding Corp	0.00%	-93.8%	-99.4%	Materials
Fairway Group Holdings Corp A	0.00%	-89.2%	-99.3%	Consumer Staples
Key Energy Services Inc	0.00%	-82.1%	-91.2%	Energy
Violin Memory Inc	0.00%	-80.2%	-86.8%	Information Technology
Code Rebel Corp	0.00%	-80.0%	-99.9%	Information Technology
CytRx Corp	0.00%	-73.6%	-75.2%	Health Care
Tokai Pharmaceuticals Inc	0.00%	-72.2%	-85.2%	Health Care
Novavax Inc	0.03%	-71.4%	-70.6%	Health Care
6D Global Technologies Inc	0.00%	-66.7%	-98.3%	Information Technology
Intra-Cellular Therapies Inc	0.03%	-60.7%	-61.9%	Health Care

- Similar to domestic equity benchmarks, the 3rd quarter was largely positive for international equities with developed and emerging market indices posting solid returns in both USD and local currency terms. The currency impact on returns was mixed during the quarter and the performance differential was more muted than recent quarters. Similar to the 3rd quarter, results for the 1-year period were also broadly positive in both USD and local currency.
- European stocks bounced back during the 3rd quarter as markets recovered from the immediate negative assessment of the U.K.'s vote to leave the European Union. Although the impact of the referendum will likely have economic consequences, they are not near-term in nature. While European Central Bank (ECB) President Mario Draghi signaled that further monetary policy stimulus would be available if needed, the ECB, supported by generally positive economic data in the region, left monetary policy unchanged through the quarter. U.K. economic data also surprised to the upside through the quarter as the Bank of England (BoE) launched a series of expansionary monetary policy measures and Theresa May became prime minister following the resignation of David Cameron.
- Japanese equities rose sharply through the quarter, gaining 8.6%, as elections within Japan's House of Councilors strengthened the position of Prime Minister Abe. The result of the elections made way for the announcement of a \$28 trillion Yen fiscal stimulus package. In addition, the Bank of Japan (BoJ) increased the scale of its ETF purchasing program from \$3.3 trillion Yen to \$6 trillion Yen annually, and while it left interest rates unchanged, the BoJ placed a 0.0% ceiling on 10-year government bond yields and planned to reduce ongoing purchases of ultra-long Government bonds in an effort to influence the shape of their yield curve.
- Broad emerging market indices were positive throughout the quarter, outperforming their developed market counterparts. Asian markets, led by China, South Korea, and Taiwan were the best performers for the 3rd quarter in both USD and local currency terms. Over the trailing 1-year period, Latin America was the best performing region returning 28.7% in USD terms and 20.2% on a local currency basis as the region benefited from political tailwinds in Brazil and rising commodity prices. Russia, Egypt, and Indonesia were also notable positive performers over the period. Emerging European countries were laggards relative to emerging peers in Asia and Latin America.



The Market Environment
U.S. Dollar International Index Attribution & Country Detail
As of September 30, 2016

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.2%	10.9%	2.6%
Consumer Staples	12.8%	1.9%	13.9%
Energy	4.8%	-1.5%	15.6%
Financials	19.2%	11.0%	-6.7%
Health Care	11.4%	-2.4%	0.8%
Industrials	14.1%	8.6%	15.8%
Information Technology	5.5%	14.8%	18.1%
Materials	7.5%	15.8%	21.6%
Real Estate	4.0%	4.9%	12.4%
Telecommunication Services	4.8%	-0.4%	6.0%
Utilities	3.7%	0.1%	4.3%
Total	100.0%	6.4%	6.5%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.4%	5.8%	4.8%
Consumer Staples	11.1%	-0.7%	13.2%
Energy	6.6%	2.1%	20.5%
Financials	21.6%	10.1%	0.1%
Health Care	8.6%	0.1%	-2.2%
Industrials	11.7%	5.8%	13.8%
Information Technology	9.6%	15.6%	26.2%
Materials	7.5%	9.1%	24.8%
Real Estate	3.5%	4.9%	13.0%
Telecommunication Services	4.9%	2.0%	5.3%
Utilities	3.4%	2.6%	5.5%
Total	100.0%	6.9%	9.3%

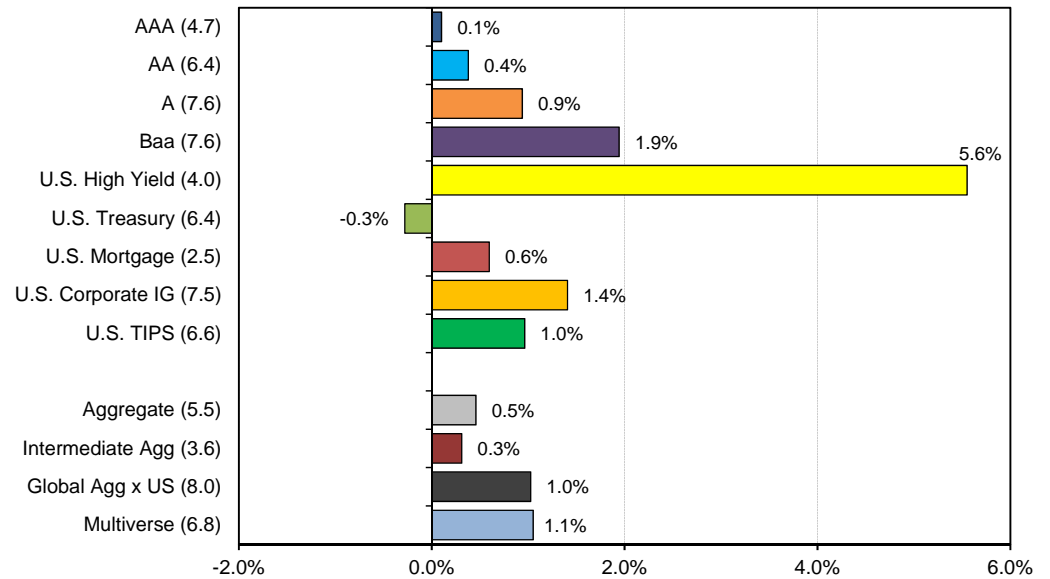
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.6%	9.6%	13.9%
Consumer Staples	7.9%	1.2%	10.1%
Energy	7.3%	8.0%	26.2%
Financials	23.7%	11.5%	14.6%
Health Care	2.6%	2.3%	4.5%
Industrials	5.9%	4.9%	1.2%
Information Technology	23.9%	16.1%	32.7%
Materials	6.4%	10.2%	23.7%
Real Estate	2.7%	7.7%	15.5%
Telecommunication Services	6.1%	2.2%	2.2%
Utilities	2.9%	0.9%	9.3%
Total	100.0%	9.0%	16.8%

Country	MSCI-EAFE Weight	MSCI-ACWIXUS Weight	Quarter Return	1-Year Return
Japan	23.8%	16.7%	8.6%	12.1%
United Kingdom	18.9%	13.2%	4.0%	1.5%
France	9.7%	6.8%	6.4%	3.6%
Germany	9.0%	6.3%	10.0%	9.1%
Switzerland	9.0%	6.3%	2.6%	1.0%
Australia	7.3%	5.1%	7.9%	21.7%
Hong Kong	3.5%	2.5%	11.9%	19.1%
Netherlands	3.4%	2.4%	9.1%	10.4%
Spain	3.0%	2.1%	9.3%	-5.7%
Sweden	2.8%	2.0%	7.5%	3.9%
Italy	1.9%	1.3%	2.2%	-21.0%
Denmark	1.8%	1.2%	-6.3%	-1.5%
Belgium	1.4%	1.0%	5.0%	19.1%
Singapore	1.3%	0.9%	-0.2%	9.7%
Finland	1.0%	0.7%	7.4%	9.3%
Israel	0.7%	0.5%	-2.0%	-7.7%
Norway	0.6%	0.5%	6.3%	10.1%
Ireland	0.5%	0.3%	7.4%	-0.7%
New Zealand	0.2%	0.1%	12.4%	56.9%
Austria	0.2%	0.1%	16.7%	11.6%
Portugal	0.2%	0.1%	6.3%	11.2%
Total EAFE Countries	100.0%	70.1%	6.4%	6.5%
Canada		6.7%	4.9%	14.5%
Total Developed Countries		76.9%	6.3%	7.2%
China		6.2%	13.9%	13.0%
Korea		3.4%	11.0%	21.5%
Taiwan		2.8%	11.7%	22.7%
India		2.0%	5.9%	6.1%
Brazil		1.7%	11.3%	57.6%
South Africa		1.7%	6.3%	9.9%
Mexico		0.9%	-2.2%	-2.5%
Russia		0.9%	8.4%	25.2%
Indonesia		0.6%	9.5%	53.2%
Malaysia		0.6%	-1.5%	13.2%
Thailand		0.5%	7.2%	20.9%
Philippines		0.3%	-5.3%	6.6%
Turkey		0.3%	-5.3%	5.8%
Chile		0.3%	-1.7%	11.8%
Poland		0.3%	3.1%	-15.7%
Qatar		0.2%	6.9%	-5.2%
United Arab Emirates		0.2%	6.1%	0.7%
Colombia		0.1%	2.8%	17.3%
Peru		0.1%	1.1%	39.5%
Greece		0.1%	1.0%	-38.3%
Hungary		0.1%	10.8%	38.0%
Egypt		0.0%	21.6%	6.4%
Czech Republic		0.0%	-0.4%	-12.8%
Total Emerging Countries		23.2%	9.0%	16.8%
Total ACWIXUS Countries		100.0%	6.9%	9.3%

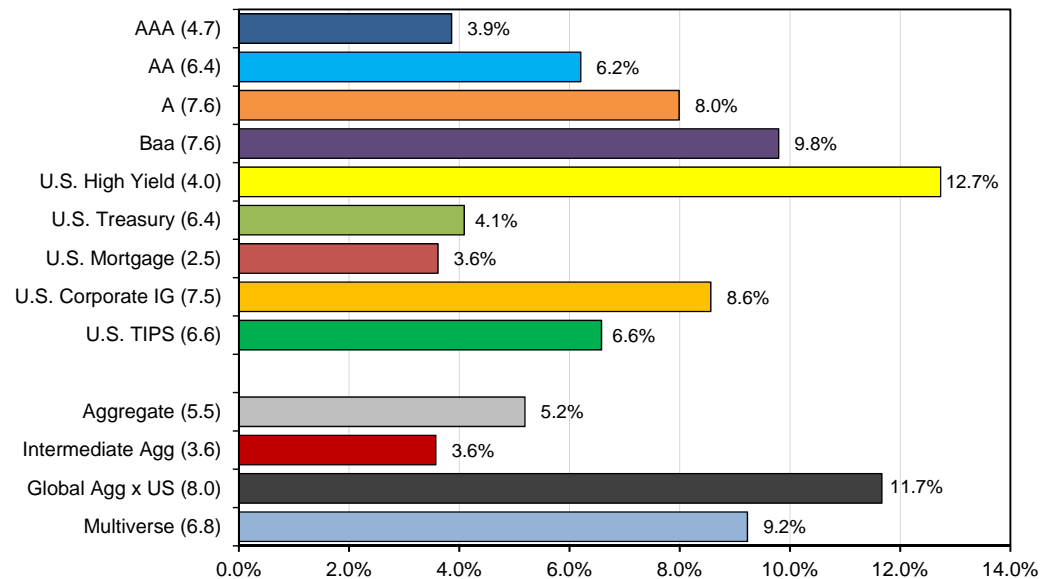
Source: MSCI Global Index Monitor (Returns are Net in USD)

- Despite historically low yields, fixed income indices continued their strong 2016 performance through the 3rd quarter of the year. The initial downward yield shock caused by June's "Brexit" vote wore off quickly and bond market volatility remained relatively low through the remainder of the quarter. Improving economic data in the U.S. led investors to price in greater likelihood of a rate increase at the Fed's September meeting. This expectation caused interest rates to creep up across the yield curve, especially at the short end of the curve. While Fed Chair Janet Yellen relayed a generally positive view of the U.S. economy, the Federal Open Market Committee voted to keep interest rates stable for the time being. However, three of the ten voting committee members were in favor of a rate increase. Although an interest rate hike is not likely until after the November elections, there is certainly a reasonable expectation for a rate hike before year end.
- The yield curve rose over the 3rd quarter with short-term interest rates rising to a greater degree than long-term interest rates. This curve "flattening" represented a headwind to shorter duration market indices. Despite rising interest rates, U.S. investment grade bond indices posted gains for the 3rd quarter. Investment grade corporates benefited from tightening interest rate credit spreads as investors became more comfortable taking on risk for the prospect of greater return. In contrast, the Bloomberg Barclays U.S. Treasury Index finished the quarter in the red due to its relatively high duration and low yield. The broad market Bloomberg Barclays Aggregate Index posted a return between the Treasury and Investment Grade indices with a return of 0.5% for the 3rd quarter. Returns over the 1-year period follow the same general trend as 3rd quarter results with the Bloomberg Barclays U.S. Corporate IG Index returning a strong 8.6% for the period.
- Lower credit quality issues outperformed higher quality securities during the 3rd quarter. Baa rated securities returned 1.9% versus a return of 0.1% for AAA issues due to the compression of interest rate credit spreads throughout the quarter. Spread compression was more prominent, and thus more beneficial, within lower credit qualities. The Bloomberg Barclays U.S. Corporate High Yield Index gained an impressive 5.6% for the quarter and 12.7% for the trailing 1-year period.

Quarter Performance

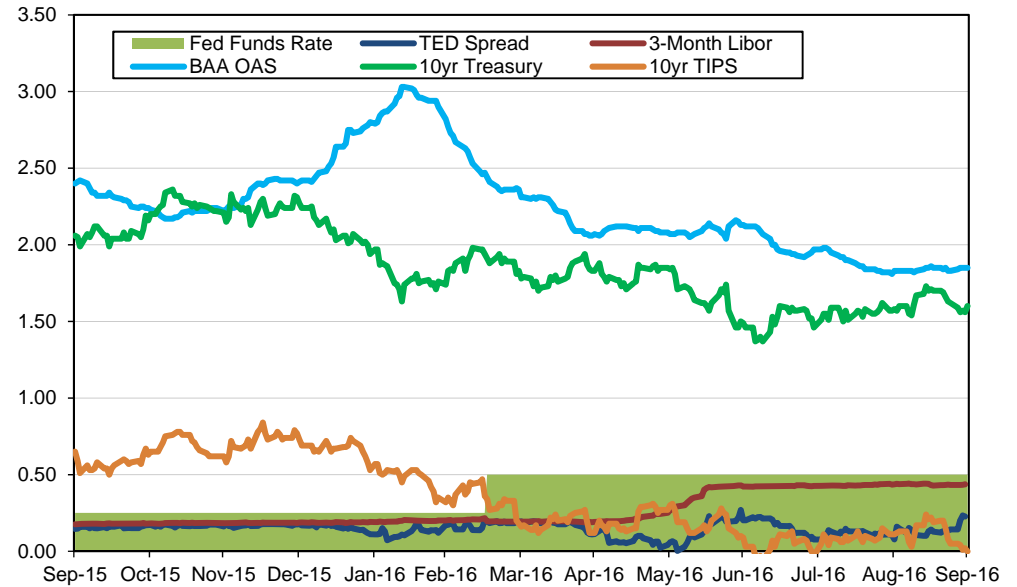


1-Year Performance

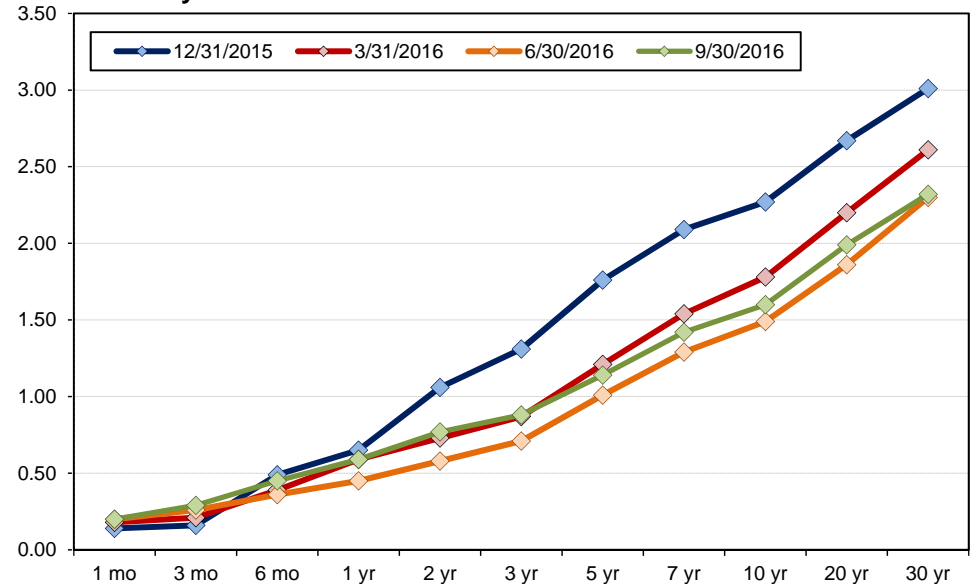


- U.S. TIPS finished the 3rd quarter with a return of 1.0%. The quarter's return can be attributed to a modest decline in yields at the longer end of the TIPS yield curve as well as an increase in the CPI All Urban Index from April to July. The TIPS return for the trailing 1-year period is a solid 6.6%.
- In USD terms, international fixed income indices posted gains for both the 3rd quarter and 1-year period. Despite relatively low interest rates in international markets, with several government issues trading at negative yields, the Bloomberg Barclays Global Aggregate ex U.S. Index returned 1.0% for the quarter and strong 11.7% over the 1-year period. This performance outpaced all domestic indices except the Bloomberg Barclays U.S. Corporate High Yield Index's return of 12.7% over the last twelve months.
- Some of factors supporting the index performance detailed in the bar graphs on the previous page is visible on a time series basis in the line graphs on the right. The '1-Year Trailing Market Rates' chart illustrates that the 10-year Treasury yield (green line), after initially falling on the "Brexit" vote, rose over the remainder of the quarter. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread), which quantifies the additional yield premium that investors require to purchase and hold non-Treasury issues. When credit spreads tighten (widen), i.e., the line is falling, it is equivalent to an interest rate decrease (increase) for corporate bonds, which boosts returns. This spread has consistently fallen since the beginning of 2016 and is now near its lowest point of the calendar year. While there was upside momentum in credit spreads early in 2016, they have narrowed by more than 1% since their high on February 11th. The lower graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters. While Treasury issues ended the 3rd quarter slightly higher than the prior quarter, long-term rates remain near their lowest levels in the past twelve months while short-term rates are at the high end of their twelve month range.
- The Fed has stated future rate increases would be implemented at a measured pace and with an ongoing assessment of current economic data. Despite this domestic policy assertion, geopolitical events and non-U.S. stimulus programs are likely to keep demand for U.S. Treasury issues elevated and exert significant downward pressure on how high domestic interest rates will rise in the short-term.

1-Year Trailing Market Rates



Treasury Yield Curve



1 Quarter	Market Value 07/01/2016	Net Flows	Return On Investment	Market Value 09/30/2016
Total Fund	36,905,485	508,332	1,332,723	38,746,540
Total Domestic Equity	14,996,295	-	1,036,082	16,032,377
Diamond Hill	6,569,465	-	381,184	6,950,649
T Rowe Price	6,723,360	-	539,759	7,263,119
Acorn	1,703,470	-	115,139	1,818,609
Total International Equity				
MFS	3,756,630	-	231,119	3,987,749
Real Estate				
Baring/Cornerstone	1,186,963	-3,264	29,196	1,212,895
Total Fixed Income				
Ziegler	14,414,736	600,000	34,188	15,048,924
Cash	2,550,862	-88,404	2,137	2,464,595

Fiscal Year To Date	Market Value 01/01/2016	Net Flows	Return On Investment	Market Value 09/30/2016
Total Fund	35,272,170	2,054,093	1,420,277	38,746,540
Total Domestic Equity	15,913,482	-600,000	718,896	16,032,377
Diamond Hill	6,709,187	-300,000	541,463	6,950,649
T Rowe Price	7,497,773	-300,000	65,346	7,263,119
Acorn	1,706,522	-	112,087	1,818,609
Total International Equity				
MFS	3,894,922	-	92,827	3,987,749
Real Estate				
Baring/Cornerstone	1,139,118	-9,613	83,390	1,212,895
Total Fixed Income				
Ziegler	13,328,688	1,200,000	520,236	15,048,924
Cash	995,961	1,463,706	4,928	2,464,595

Financial Reconciliation
Total Fund
1 Year Ending September 30, 2016

1 Year	Market Value 10/01/2015	Net Flows	Return On Investment	Market Value 09/30/2016
Total Fund	34,155,614	2,049,236	2,541,689	38,746,540
Total Domestic Equity	14,888,696	-600,000	1,743,681	16,032,377
Diamond Hill	6,330,261	-300,000	920,388	6,950,649
T Rowe Price	6,890,615	-300,000	672,504	7,263,119
Acorn	1,667,819	-	150,789	1,818,609
Total International Equity				
MFS	3,786,265	-	201,484	3,987,749
Real Estate				
Baring/Cornerstone	1,105,510	-12,653	120,038	1,212,895
Total Fixed Income				
Ziegler	13,377,578	1,200,000	471,346	15,048,924
Cash	997,566	1,461,890	5,140	2,464,595

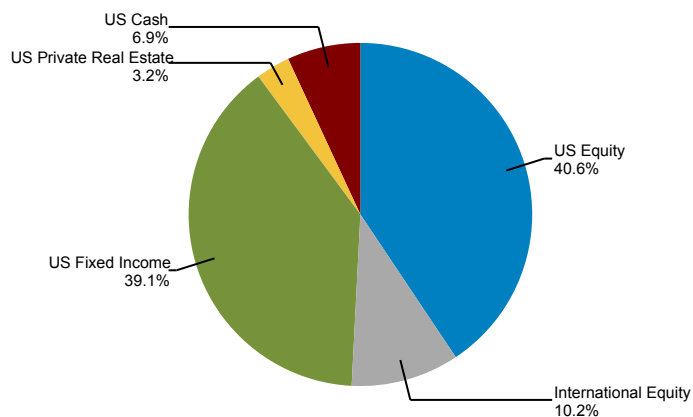
Asset Allocation Attributes	Domestic Equity		International Equity		Domestic Fixed Income		Real Estate		Cash Equivalent		Total Fund	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Fund	16,032,377	41.4	3,987,749	10.3	13,895,459	35.9	1,212,895	3.1	3,618,060	9.3	38,746,540	100.0
Total Domestic Equity	16,032,377	100.0	-	-	-	-	-	-	-	-	16,032,377	41.4
Diamond Hill	6,950,649	100.0	-	-	-	-	-	-	-	-	6,950,649	17.9
T Rowe Price	7,263,119	100.0	-	-	-	-	-	-	-	-	7,263,119	18.7
Acorn	1,818,609	100.0	-	-	-	-	-	-	-	-	1,818,609	4.7
Total International Equity												
MFS	-	-	3,987,749	100.0	-	-	-	-	-	-	3,987,749	10.3
Real Estate												
Baring/Cornerstone	-	-	-	-	-	-	1,212,895	100.0	-	-	1,212,895	3.1
Total Fixed Income												
Ziegler	-	-	-	-	13,895,459	92.3	-	-	1,153,465	7.7	15,048,924	38.8
Cash	-	-	-	-	-	-	-	-	2,464,595	100.0	2,464,595	6.4

Asset Allocation By Asset Class

Total fund

As of September 30, 2016

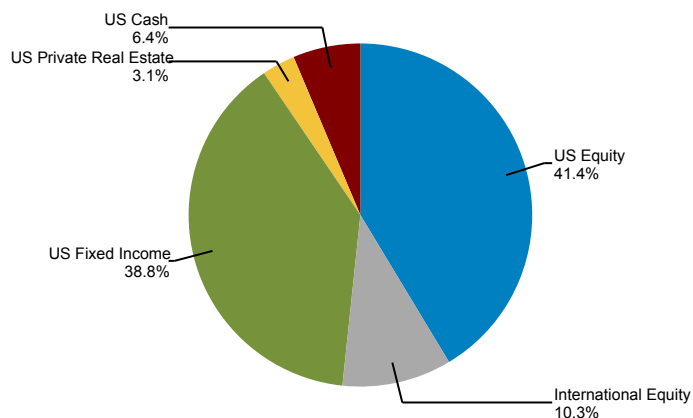
June 30, 2016 : \$36,905,485



Allocation

	Market Value	Allocation
US Equity	14,996,295	40.6
International Equity	3,756,630	10.2
US Fixed Income	14,414,736	39.1
US Private Real Estate	1,186,963	3.2
US Cash	2,550,862	6.9

September 30, 2016 : \$38,746,540

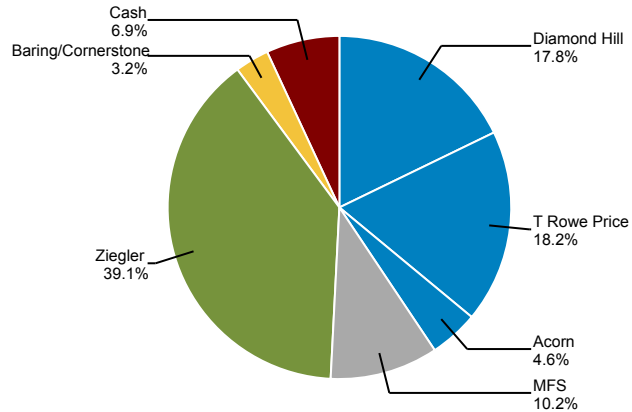


Allocation

	Market Value	Allocation
US Equity	16,032,377	41.4
International Equity	3,987,749	10.3
US Fixed Income	15,048,924	38.8
US Private Real Estate	1,212,895	3.1
US Cash	2,464,595	6.4

**Asset Allocation By Manager
Total Fund
As of September 30, 2016**

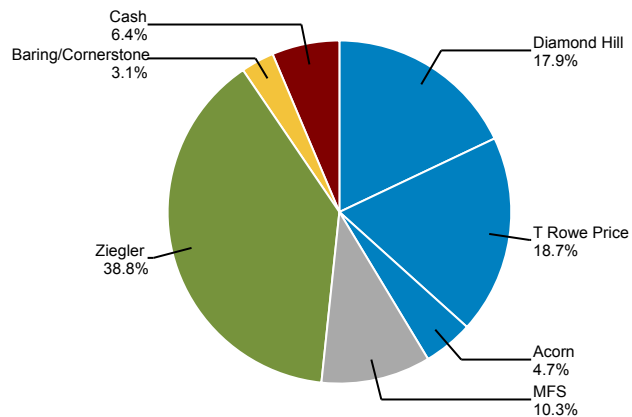
June 30, 2016 : \$36,905,485



Allocation

	Market Value	Allocation
■ Diamond Hill	6,569,465	17.8
■ T Rowe Price	6,723,360	18.2
■ Acorn	1,703,470	4.6
■ MFS	3,756,630	10.2
■ Ziegler	14,414,736	39.1
■ Baring/Cornerstone	1,186,963	3.2
■ Cash	2,550,862	6.9

September 30, 2016 : \$38,746,540



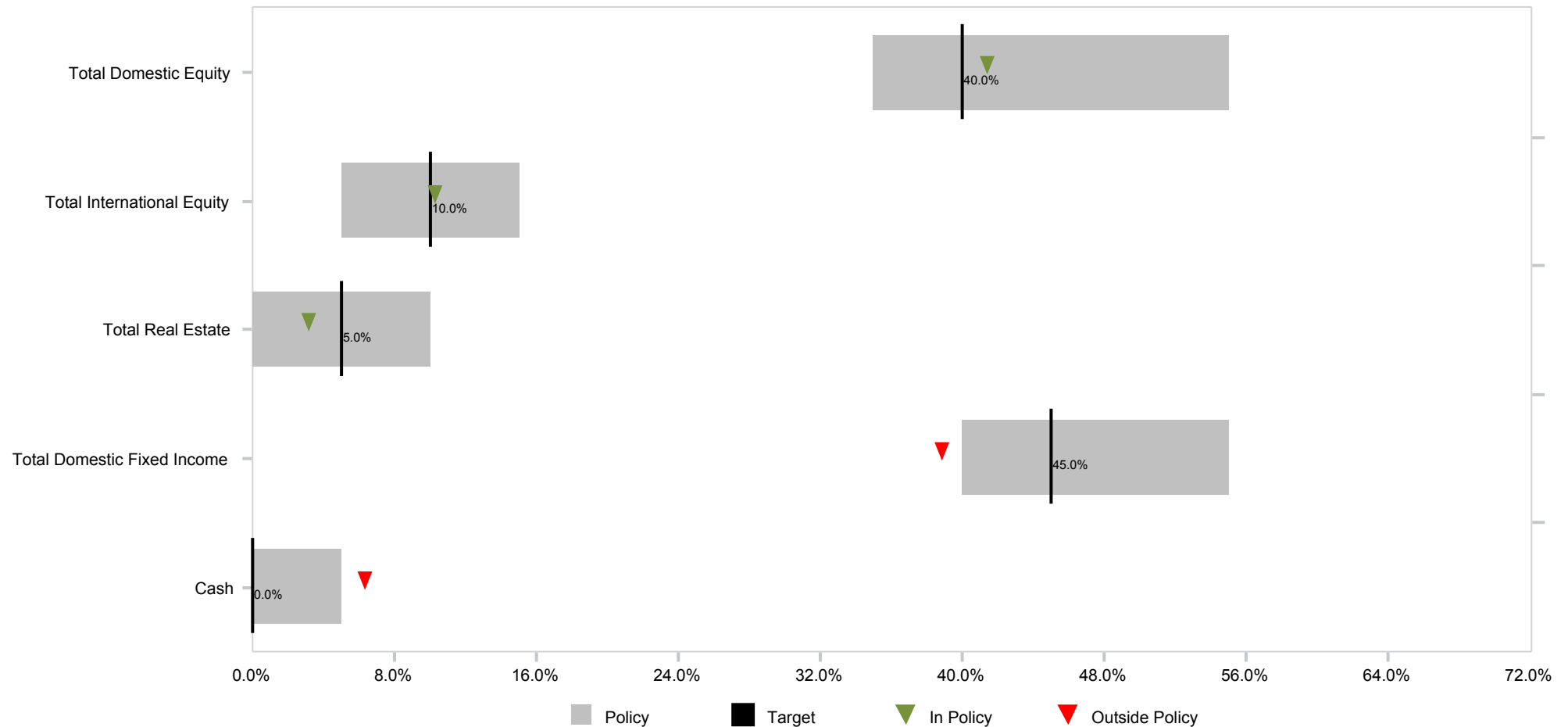
Allocation

	Market Value	Allocation
■ Diamond Hill	6,950,649	17.9
■ T Rowe Price	7,263,119	18.7
■ Acorn	1,818,609	4.7
■ MFS	3,987,749	10.3
■ Ziegler	15,048,924	38.8
■ Baring/Cornerstone	1,212,895	3.1
■ Cash	2,464,595	6.4

Asset Allocation Compliance

	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Total Fund	38,746,540	100.0		100.0		-	0.0
Total Domestic Equity	16,032,377	41.4	35.0	40.0	55.0	-533,761	1.4
Total International Equity	3,987,749	10.3	5.0	10.0	15.0	-113,095	0.3
Total Real Estate	1,212,895	3.1	0.0	5.0	10.0	724,432	-1.9
Total Domestic Fixed Income	15,048,924	38.8	40.0	45.0	55.0	2,387,019	-6.2
Cash	2,464,595	6.4	0.0	0.0	5.0	-2,464,595	6.4

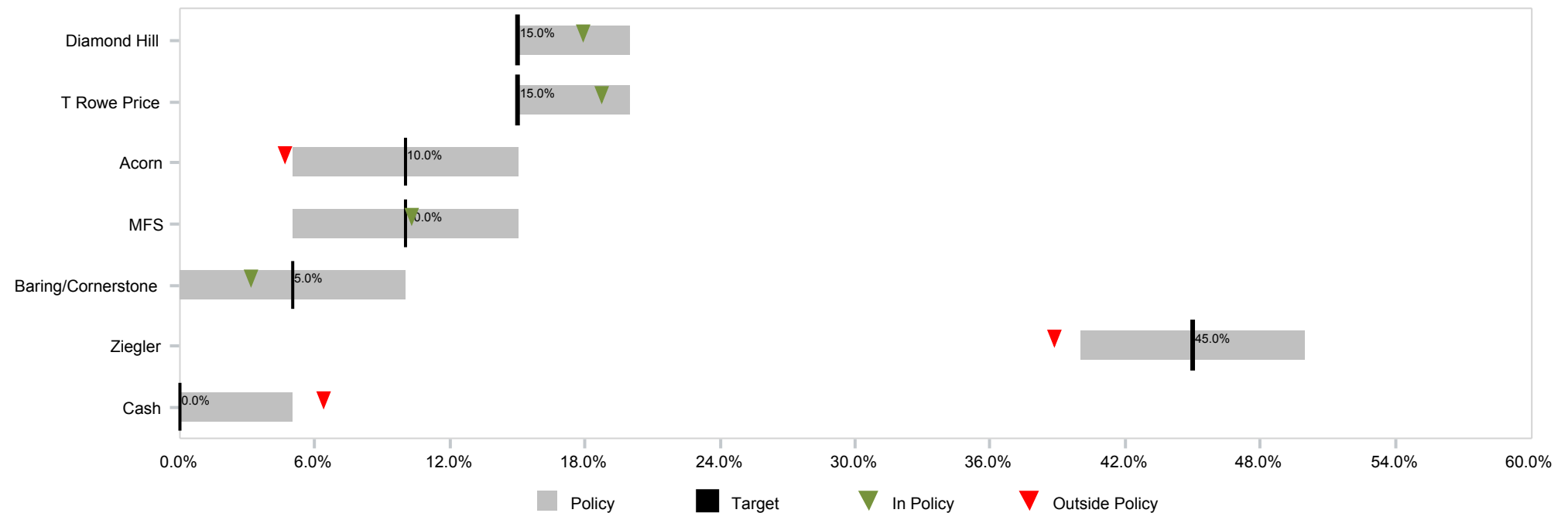
Allocation Summary



Asset Allocation Compliance

	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Total Fund	38,746,540	100.0		100.0		-	0.0
Total Fund Without Cash	36,281,945	93.6		100.0		2,464,595	-6.4
Total Equity	20,020,126	51.7		50.0		-646,856	1.7
Total Domestic Equity	16,032,377	41.4		40.0		-533,761	1.4
Diamond Hill	6,950,649	17.9	15.0	15.0	20.0	-1,138,668	2.9
T Rowe Price	7,263,119	18.7	15.0	15.0	20.0	-1,451,138	3.7
Acorn	1,818,609	4.7	5.0	10.0	15.0	2,056,045	-5.3
Total International Equity	3,987,749	10.3		10.0		-113,095	0.3
MFS	3,987,749	10.3	5.0	10.0	15.0	-113,095	0.3
Total Real Estate	1,212,895	3.1		5.0		724,432	-1.9
Baring/Cornerstone	1,212,895	3.1	0.0	5.0	10.0	724,432	-1.9
Total Fixed Income	15,048,924	38.8		45.0		2,387,019	-6.2
Total Domestic Fixed Income	15,048,924	38.8		45.0		2,387,019	-6.2
Ziegler	15,048,924	38.8	40.0	45.0	50.0	2,387,019	-6.2
Cash	2,464,595	6.4	0.0	0.0	5.0	-2,464,595	6.4

Allocation Summary



Comparative Performance												
	QTR		FYTD		1 YR		3 YR		5 YR		7 YR	
Total Fund	3.64	(42)	3.78	(92)	7.23	(80)	5.75	(54)	8.95	(57)	7.73	(64)
Total Fund Policy	2.75	(78)	5.83	(66)	8.66	(63)	6.31	(37)	9.30	(47)	8.25	(47)
All Master Trust - Total Fund Median	3.49		6.40		9.43		5.85		9.18		8.13	
Total Fund Without Cash	3.87	(29)	4.13	(90)	7.65	(76)	6.02	(45)	9.34	(46)	8.38	(43)
All Master Trust - Total Fund Median	3.49		6.40		9.43		5.85		9.18		8.13	
Total Fund	3.64	(41)	3.78	(95)	7.23	(91)	5.75	(72)	8.95	(73)	7.73	(77)
Total Fund Policy	2.75	(81)	5.83	(70)	8.66	(73)	6.31	(44)	9.30	(63)	8.25	(58)
All Public Plans-Total Fund Median	3.44		6.36		9.67		6.18		9.65		8.43	
Total Domestic Equity	6.91	(8)	4.72	(96)	11.93	(81)	9.11	(56)	14.69	(69)	12.52	(64)
Russell 3000 Index	4.40	(64)	8.18	(49)	14.96	(36)	10.44	(25)	16.36	(32)	13.18	(41)
All Master Trust-US Equity Segment Median	4.67		8.16		14.41		9.50		15.65		12.86	
Diamond Hill	5.80	(19)	8.30	(31)	14.78	(25)	N/A		N/A		N/A	
Russell 1000 Value Index	3.48	(64)	10.00	(14)	16.19	(15)	9.70	(10)	16.15	(10)	12.34	(10)
IM U.S. Large Cap Value Equity (MF) Median	3.96		7.02		12.49		7.84		14.50		10.67	
T Rowe Price	8.03	(10)	1.09	(80)	9.99	(63)	N/A		N/A		N/A	
Russell 1000 Growth Index	4.58	(71)	6.00	(14)	13.76	(17)	11.83	(16)	16.60	(21)	14.11	(12)
IM U.S. Large Cap Growth Equity (MF) Median	5.81		3.18		10.87		10.04		15.24		12.39	
Acorn	6.76	(34)	6.57	(86)	9.04	(83)	4.29	(85)	N/A		N/A	
Russell 2500 Index	6.56	(39)	10.80	(45)	14.44	(38)	7.77	(25)	16.30	(20)	13.40	(17)
Russell 2500 Growth Index	6.98	(28)	6.95	(83)	11.02	(67)	7.43	(31)	16.20	(23)	13.98	(7)
IM U.S. SMID Cap Core Equity (MF) Median	6.15		10.04		12.94		6.22		14.69		11.81	
Total International Equity												
MFS	6.15	(55)	2.38	(54)	5.32	(62)	1.22	(33)	8.96	(17)	6.60	(11)
MSCI EAFE (Net) Index	6.43	(47)	1.73	(65)	6.52	(42)	0.48	(50)	7.39	(47)	4.24	(44)
IM International Core Equity (MF) Median	6.23		2.62		6.04		0.47		7.26		4.11	
Real Estate												
Baring/Cornerstone	2.46	(29)	7.34	(43)	10.90	(57)	N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	2.13	(48)	6.90	(59)	10.57	(74)	12.54	(61)	12.37	(71)	12.25	(64)
IM U.S. Open End Private Real Estate (SA+CF) Median	2.09		6.95		11.14		12.89		12.79		13.05	

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

Comparative Performance

Total Fund

As of September 30, 2016

	QTR		FYTD		1 YR		3 YR		5 YR		7 YR	
Total Fixed Income												
Ziegler	0.24	(67)	3.85	(79)	3.47	(77)	3.14	(48)	3.09	(41)	4.02	(33)
BB Intermed Agg Index (as of 3-14) / BB Agg	0.31	(57)	4.10	(68)	3.57	(71)	3.26	(41)	2.62	(68)	3.77	(44)
IM U.S. Intermediate Duration (SA+CF) Median	0.38		4.34		3.89		3.12		2.86		3.70	
Cash	0.11		0.25		0.27		0.12		0.11		0.11	
90 Day U.S. Treasury Bill	0.07		0.19		0.18		0.09		0.08		0.09	

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

Comparative Performance

Total Fund

1 Year Ending

Comparative Performance														
	Sep-2016		Sep-2015		Sep-2014		Sep-2013		Sep-2012		Sep-2011		Sep-2010	
Total Fund	7.23	(80)	1.80	(8)	8.33	(74)	10.77	(65)	17.17	(47)	1.57	(32)	8.04	(85)
Total Fund Policy	8.66	(63)	1.08	(16)	9.39	(55)	10.89	(63)	17.10	(48)	1.95	(26)	9.49	(59)
All Master Trust - Total Fund Median	9.43		-0.90		9.63		11.87		16.93		0.44		9.89	
Total Fund Without Cash	7.65	(76)	1.81	(8)	8.74	(67)	11.10	(61)	18.02	(36)	2.18	(23)	9.98	(49)
All Master Trust - Total Fund Median	9.43		-0.90		9.63		11.87		16.93		0.44		9.89	
Total Fund	7.23	(91)	1.80	(8)	8.33	(88)	10.77	(79)	17.17	(64)	1.57	(22)	8.04	(90)
Total Fund Policy	8.66	(73)	1.08	(15)	9.39	(67)	10.89	(78)	17.10	(65)	1.95	(16)	9.49	(62)
All Public Plans-Total Fund Median	9.67		-0.54		10.17		12.50		17.94		0.22		9.92	
Total Domestic Equity	11.93	(81)	2.08	(10)	13.68	(79)	18.54	(84)	28.87	(48)	3.52	(11)	11.18	(62)
Russell 3000 Index	14.96	(36)	-0.49	(48)	17.76	(19)	21.60	(60)	30.20	(28)	0.55	(46)	10.96	(66)
All Master Trust-US Equity Segment Median	14.41		-0.54		15.80		22.36		28.71		0.43		11.76	
Diamond Hill	14.78	(25)	-1.00	(7)	N/A		N/A		N/A		N/A		N/A	
Russell 1000 Value Index	16.19	(15)	-4.42	(43)	18.89	(17)	22.30	(55)	30.92	(12)	-1.89	(26)	8.90	(24)
IM U.S. Large Cap Value Equity (MF) Median	12.49		-4.79		17.10		22.57		28.18		-3.73		6.80	
T Rowe Price	9.99	(63)	5.79	(10)	N/A		N/A		N/A		N/A		N/A	
Russell 1000 Growth Index	13.76	(17)	3.17	(40)	19.15	(22)	19.27	(53)	29.19	(34)	3.78	(18)	12.65	(24)
IM U.S. Large Cap Growth Equity (MF) Median	10.87		2.55		16.92		19.45		27.18		0.67		10.14	
Acorn	9.04	(83)	-0.10	(50)	4.14	(84)	25.29	(82)	N/A		N/A		N/A	
Russell 2500 Index	14.44	(38)	0.38	(46)	8.97	(33)	29.79	(38)	30.93	(26)	-2.22	(38)	15.92	(28)
Russell 2500 Growth Index	11.02	(67)	3.35	(15)	8.05	(42)	31.95	(21)	29.52	(39)	0.59	(14)	17.27	(15)
IM U.S. SMID Cap Core Equity (MF) Median	12.94		-0.16		7.13		28.67		28.35		-3.52		14.08	
Total International Equity														
MFS	5.32	(62)	-5.30	(25)	3.98	(55)	22.85	(35)	20.58	(6)	-7.43	(17)	10.02	(14)
MSCI EAFE (Net) Index	6.52	(42)	-8.66	(63)	4.25	(49)	23.77	(26)	13.75	(71)	-9.36	(28)	3.27	(69)
IM International Core Equity (MF) Median	6.04		-7.81		4.14		21.68		14.95		-11.04		4.64	
Real Estate														
Baring/Cornerstone	10.90	(57)	12.66	(90)	N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	10.57	(74)	14.71	(64)	12.39	(70)	12.47	(69)	11.77	(66)	18.03	(41)	6.14	(52)
IM U.S. Open End Private Real Estate (SA+CF) Median	11.14		15.93		12.90		13.22		12.90		16.62		6.39	

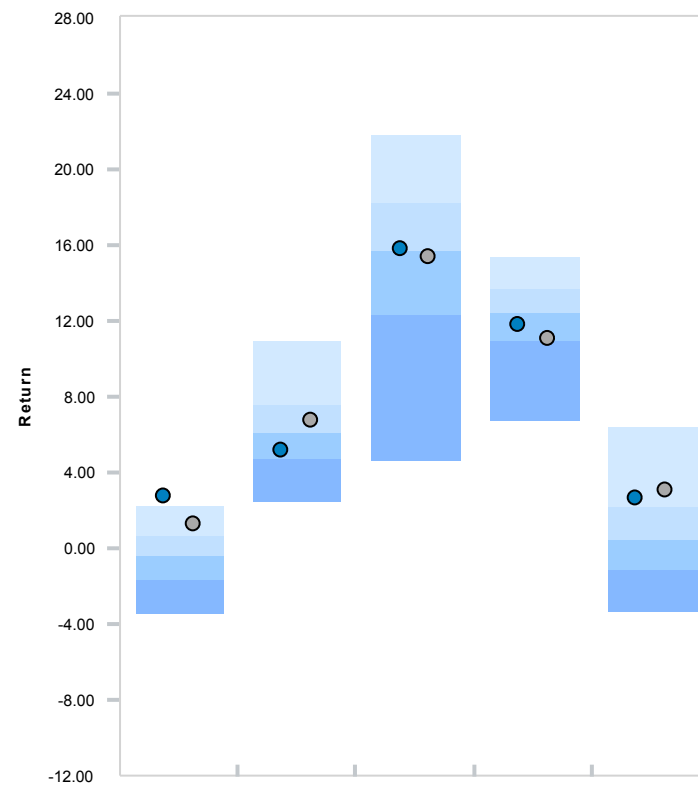
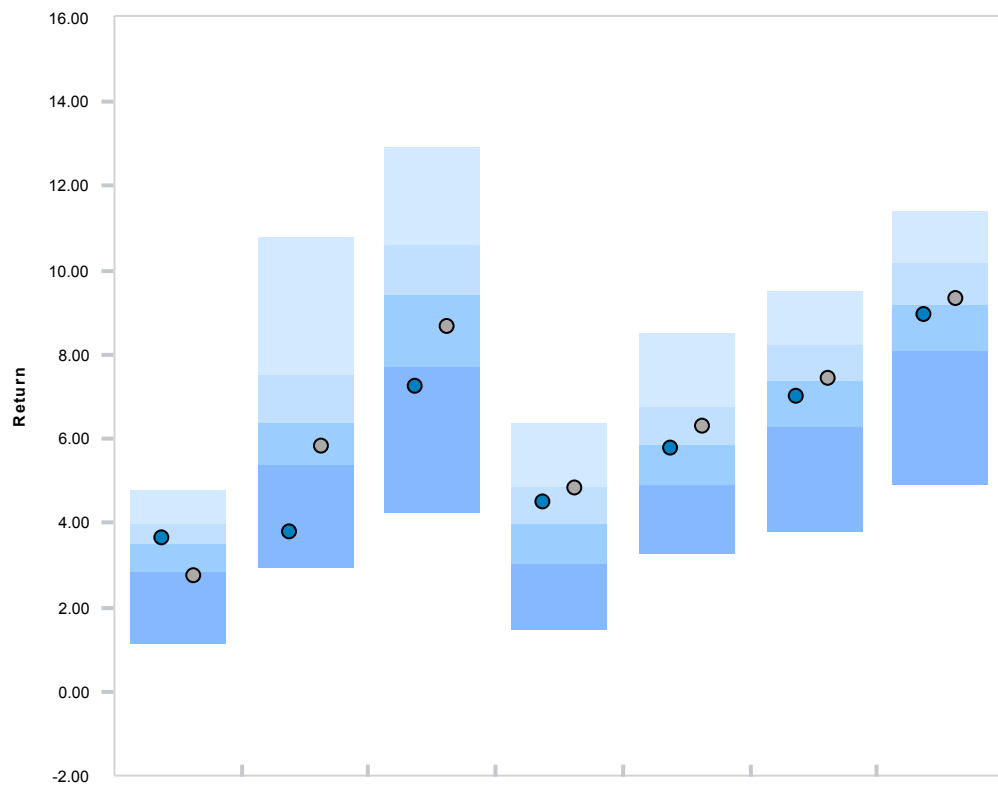
Returns for periods greater than one year are annualized.
Returns are expressed as percentages.

Comparative Performance
Total Fund
1 Year Ending

	Sep-2016		Sep-2015		Sep-2014		Sep-2013		Sep-2012		Sep-2011		Sep-2010	
Total Fixed Income														
Ziegler	3.47	(77)	2.40	(68)	3.56	(27)	-1.08	(90)	7.24	(15)	3.93	(37)	8.92	(27)
BB Intermed Agg Index (as of 3-14) / BB Agg	3.57	(71)	2.95	(30)	3.26	(31)	-1.68	(99)	5.16	(62)	5.26	(8)	8.16	(54)
IM U.S. Intermediate Duration (SA+CF) Median	3.89		2.70		2.87		-0.27		5.57		3.60		8.25	
Cash														
90 Day U.S. Treasury Bill	0.18		0.03		0.04		0.08		0.05		0.13		0.14	

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

Peer Group Analysis - All Master Trust - Total Fund



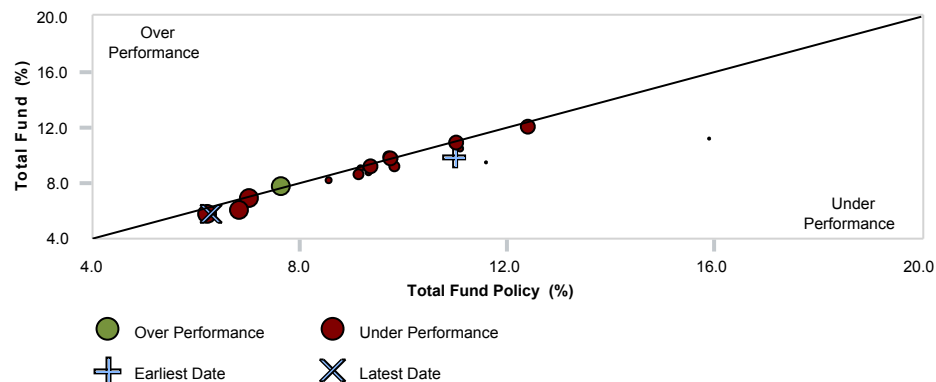
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Fund	3.64 (42)	3.78 (92)	7.23 (80)	4.48 (36)	5.75 (54)	6.98 (61)	8.95 (57)
● Total Fund Policy	2.75 (78)	5.83 (66)	8.66 (63)	4.80 (27)	6.31 (37)	7.44 (48)	9.30 (47)
Median	3.49	6.40	9.43	3.97	5.85	7.36	9.18

	2015	2014	2013	2012	2011
● Total Fund	2.69 (4)	5.16 (68)	15.75 (50)	11.82 (63)	2.62 (21)
● Total Fund Policy	1.28 (14)	6.77 (38)	15.42 (54)	11.09 (74)	3.01 (18)
Median	-0.45	6.15	15.71	12.42	0.38

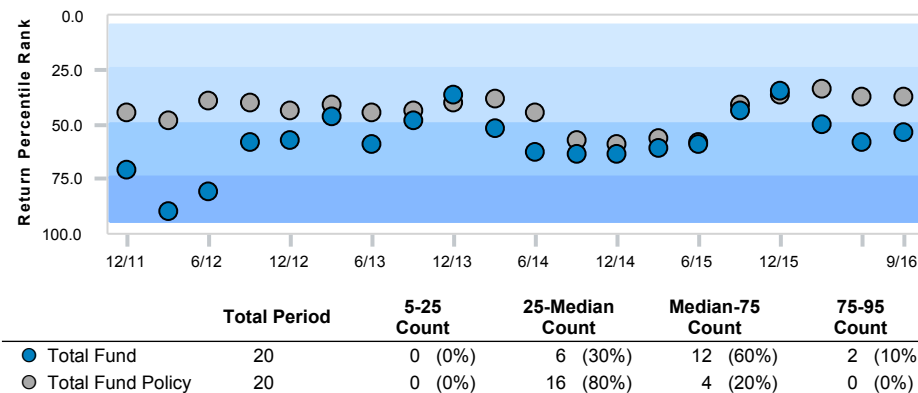
Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
Total Fund	0.83 (94)	-0.69 (96)	3.33 (20)	-3.71 (24)	0.65 (12)	2.54 (32)
Total Fund Policy	1.74 (60)	1.24 (41)	2.67 (44)	-3.45 (21)	-0.05 (48)	2.22 (51)
All Master Trust - Total Fund Median	1.88	1.04	2.53	-4.98	-0.08	2.24

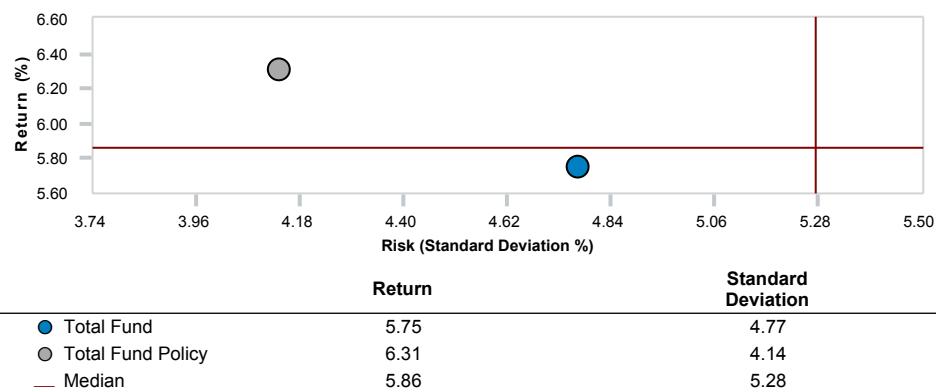
3 Yr Rolling Under/Over Performance - 5 Years



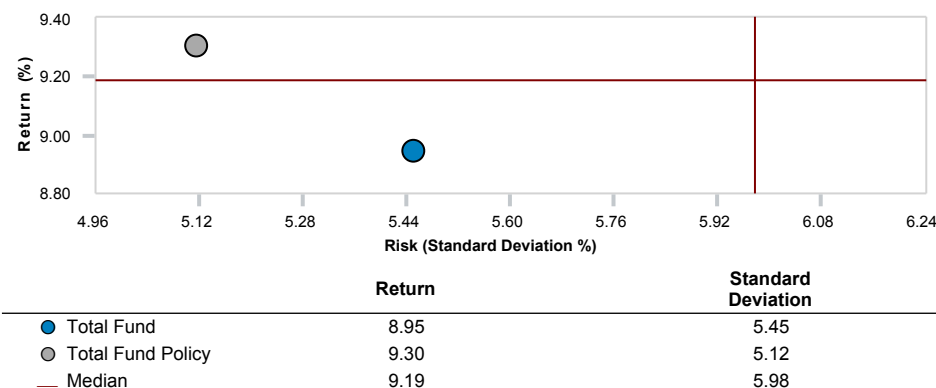
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



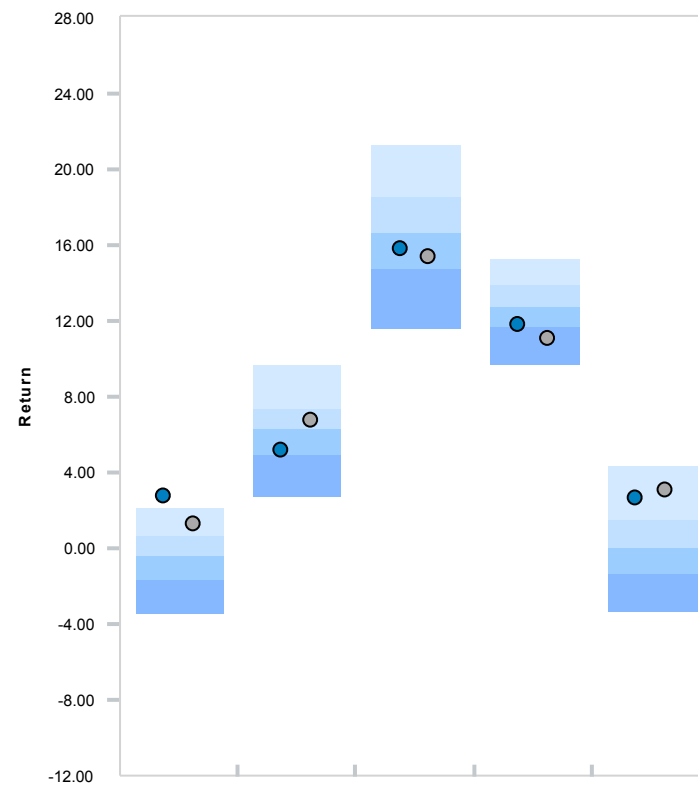
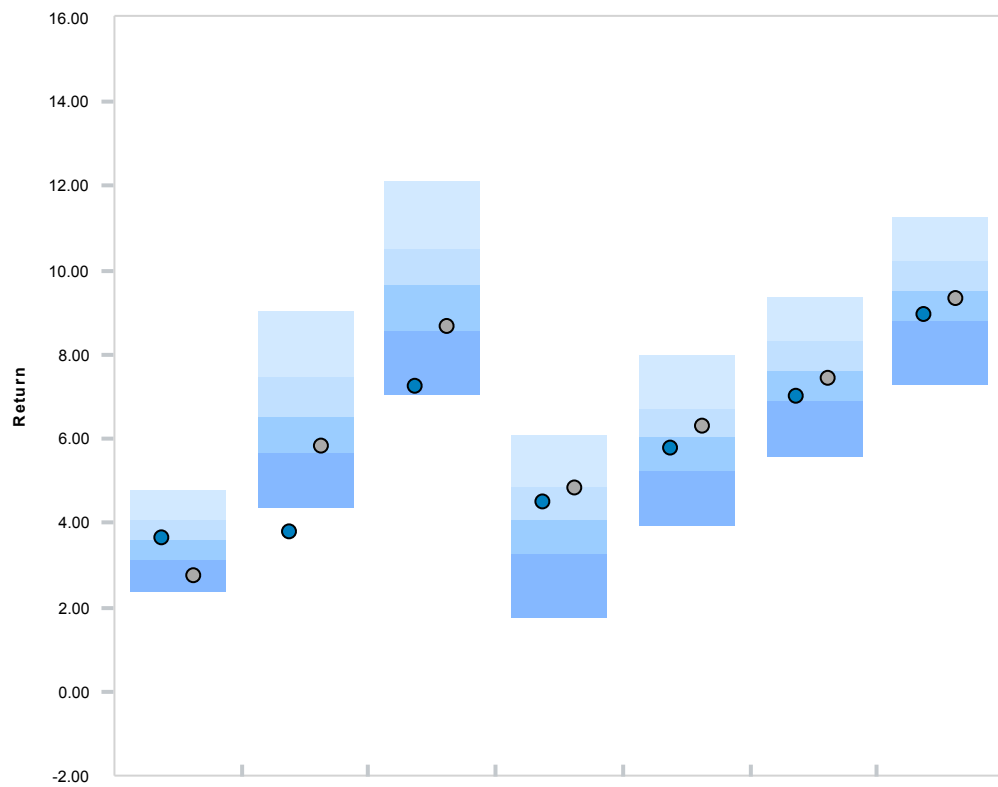
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.71	91.46	89.77	-1.00	-0.30	1.18	1.08	2.22
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.49	1.00	2.04

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.38	95.45	86.36	-0.60	-0.23	1.60	1.03	1.76
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.77	1.00	1.66

Peer Group Analysis - Master Trust >=45% and <65% Equity



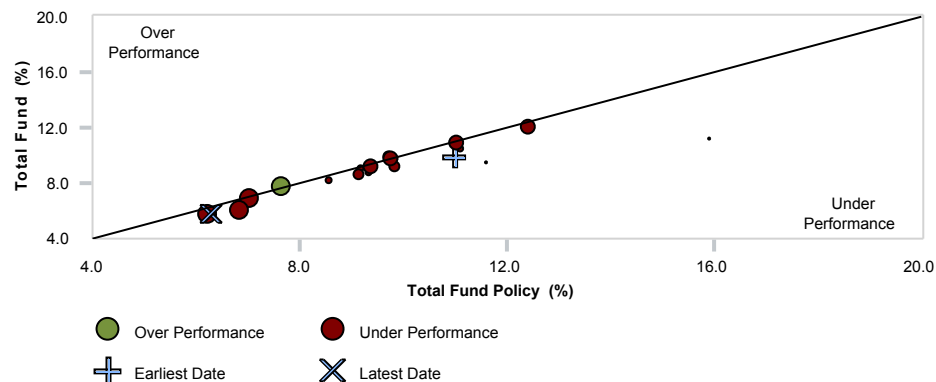
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Fund	3.64 (49)	3.78 (98)	7.23 (94)	4.48 (39)	5.75 (62)	6.98 (73)	8.95 (71)
● Total Fund Policy	2.75 (89)	5.83 (72)	8.66 (74)	4.80 (29)	6.31 (39)	7.44 (57)	9.30 (58)
Median	3.61	6.54	9.67	4.08	6.06	7.60	9.49

	2015	2014	2013	2012	2011
● Total Fund	2.69 (3)	5.16 (72)	15.75 (63)	11.82 (72)	2.62 (13)
● Total Fund Policy	1.28 (13)	6.77 (40)	15.42 (68)	11.09 (84)	3.01 (10)
Median	-0.39	6.33	16.68	12.76	0.01

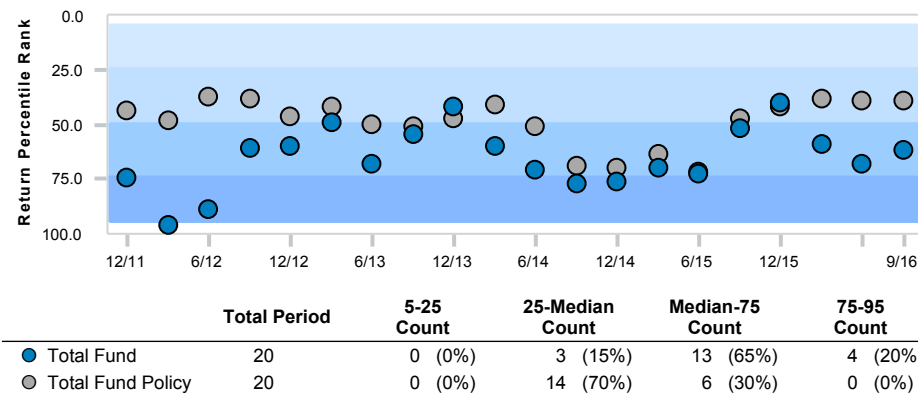
Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
Total Fund	0.83 (96)	-0.69 (97)	3.33 (21)	-3.71 (6)	0.65 (12)	2.54 (32)
Total Fund Policy	1.74 (61)	1.24 (37)	2.67 (57)	-3.45 (5)	-0.05 (54)	2.22 (56)
Master Trust >=45% and <65% Equity Median	1.88	0.95	2.79	-5.28	0.00	2.30

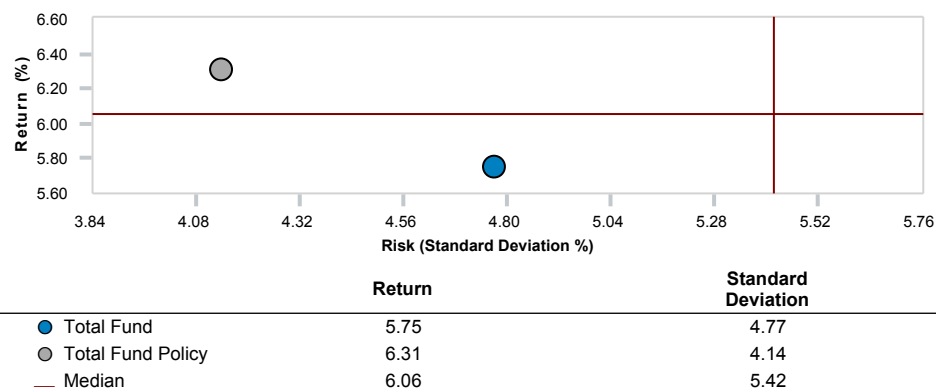
3 Yr Rolling Under/Over Performance - 5 Years



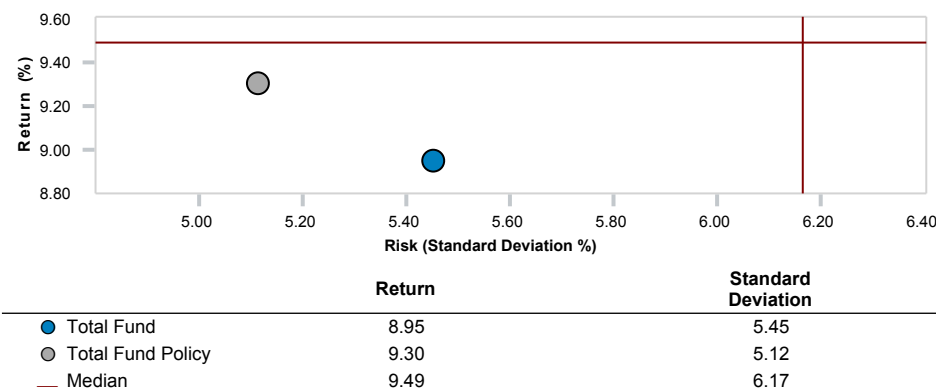
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



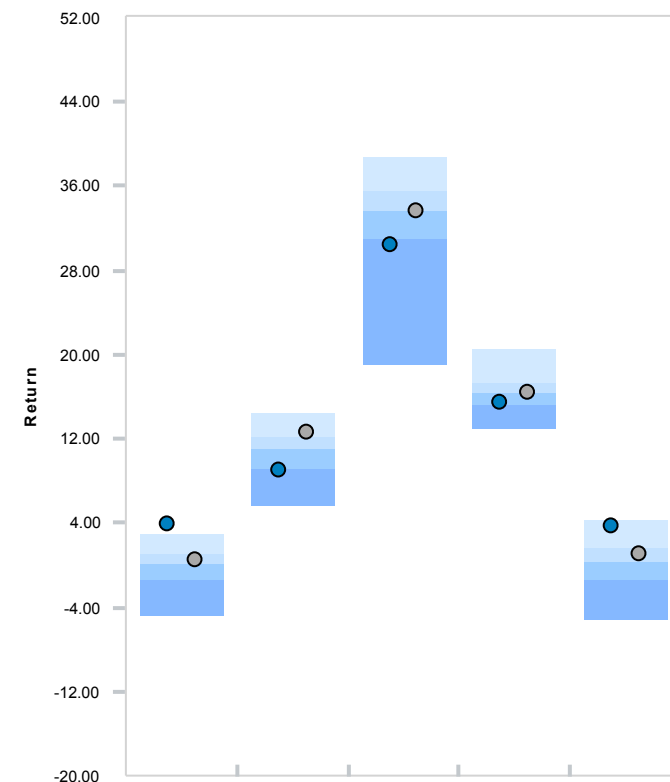
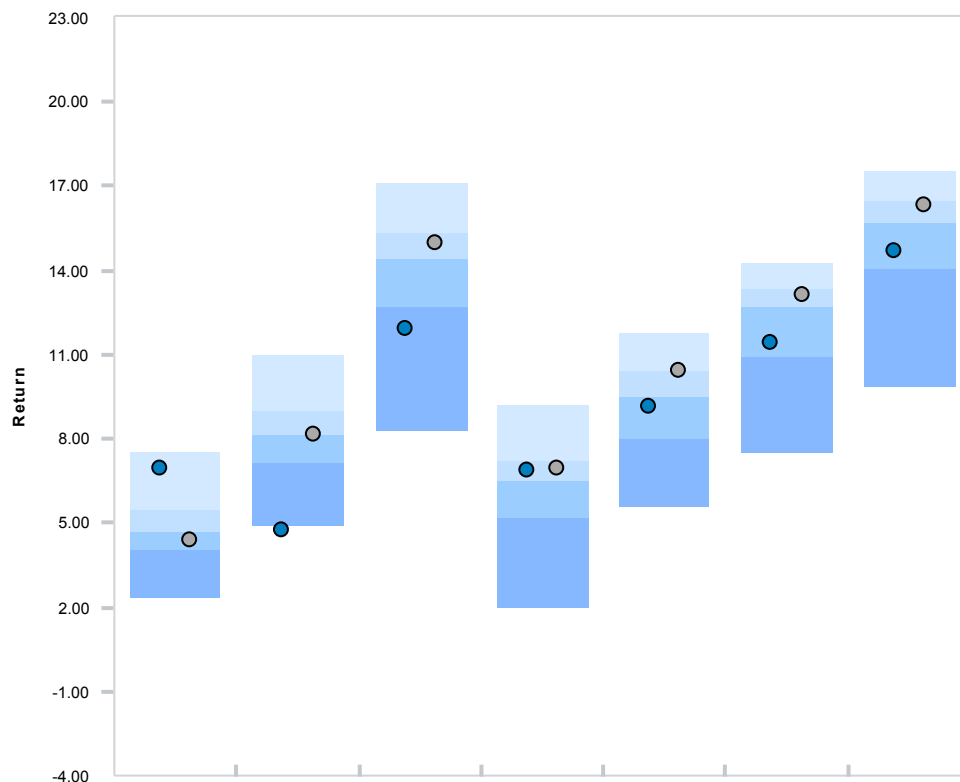
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.71	91.46	89.77	-1.00	-0.30	1.18	1.08	2.22
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.49	1.00	2.04

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.38	95.45	86.36	-0.60	-0.23	1.60	1.03	1.76
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.77	1.00	1.66

Peer Group Analysis - All Master Trust-US Equity Segment



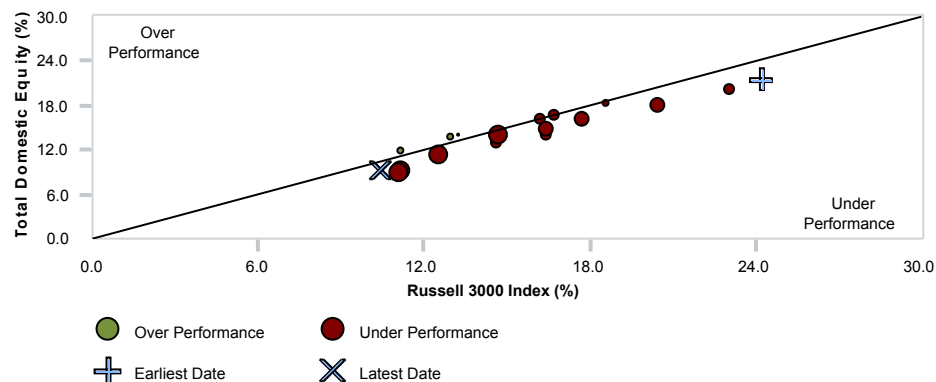
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Domestic Equity	6.91 (8)	4.72 (96)	11.93 (81)	6.89 (38)	9.11 (56)	11.39 (69)	14.69 (69)
● Russell 3000 Index	4.40 (64)	8.18 (49)	14.96 (36)	6.96 (36)	10.44 (25)	13.13 (35)	16.36 (32)
Median	4.67	8.16	14.41	6.55	9.50	12.69	15.65

	2015	2014	2013	2012	2011
● Total Domestic Equity	3.89 (3)	9.04 (78)	30.40 (77)	15.44 (73)	3.71 (8)
● Russell 3000 Index	0.48 (40)	12.56 (20)	33.55 (52)	16.42 (52)	1.03 (37)
Median	0.14	11.06	33.67	16.45	0.22

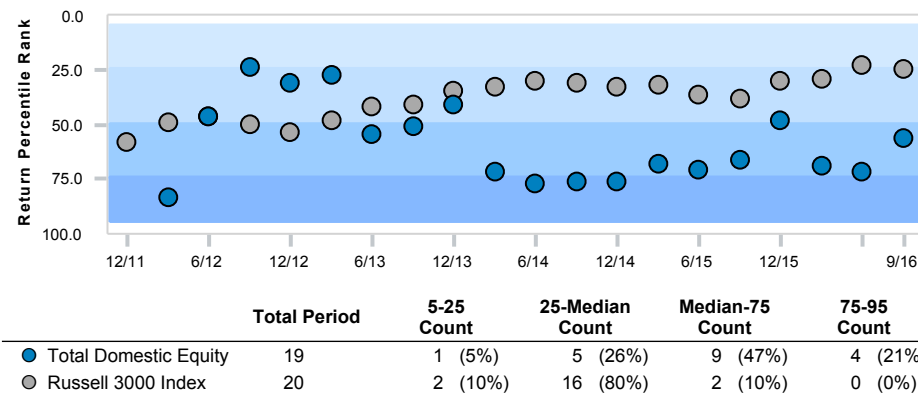
Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
Total Domestic Equity	0.81 (92)	-2.84 (99)	6.88 (10)	-6.83 (30)	1.42 (5)	2.87 (20)
Russell 3000 Index	2.63 (44)	0.97 (44)	6.27 (25)	-7.25 (45)	0.14 (58)	1.80 (61)
All Master Trust-US Equity Segment Median	2.52	0.84	5.67	-7.50	0.22	1.92

3 Yr Rolling Under/Over Performance - 5 Years



3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



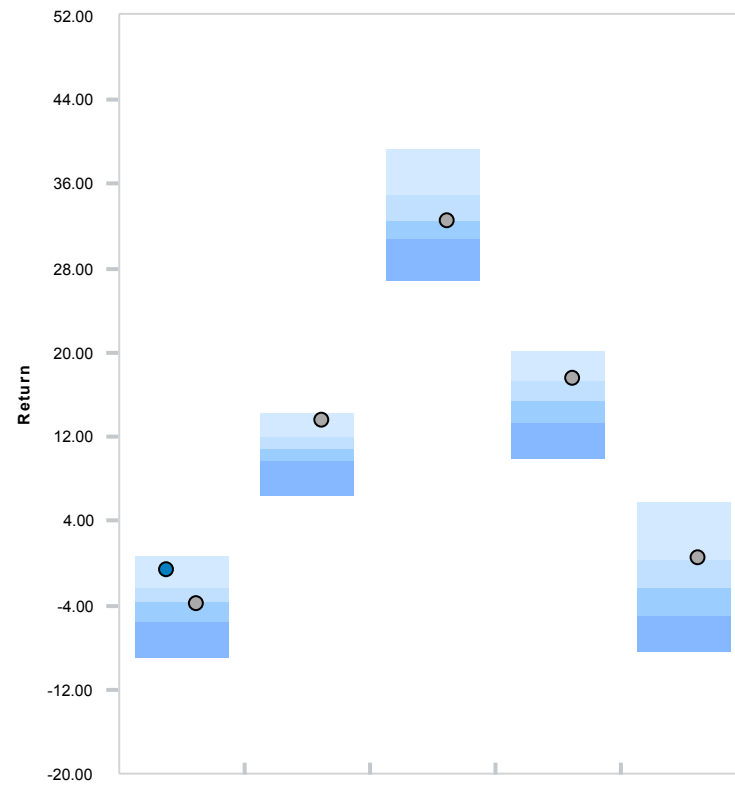
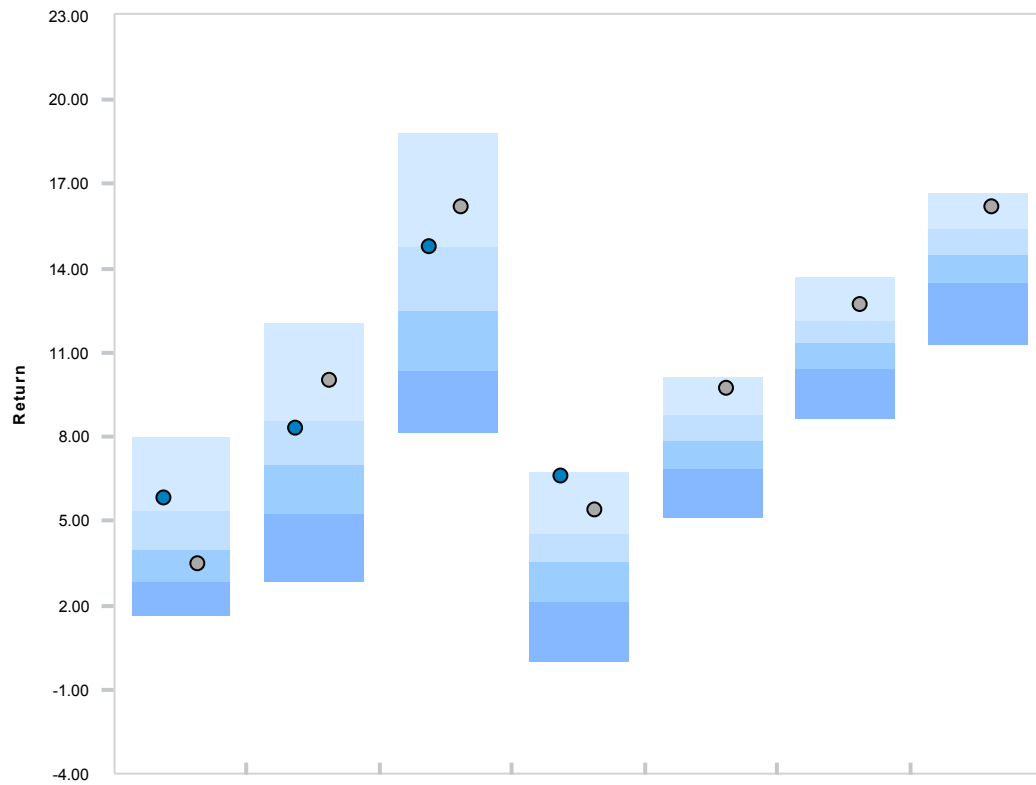
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity	3.15	96.20	103.44	-1.65	-0.35	0.79	1.05	7.08
Russell 3000 Index	0.00	100.00	100.00	0.00	N/A	0.97	1.00	6.08

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity	2.68	95.53	103.54	-1.80	-0.52	1.21	1.03	6.43
Russell 3000 Index	0.00	100.00	100.00	0.00	N/A	1.39	1.00	5.69

Peer Group Analysis - IM U.S. Large Cap Value Equity (MF)



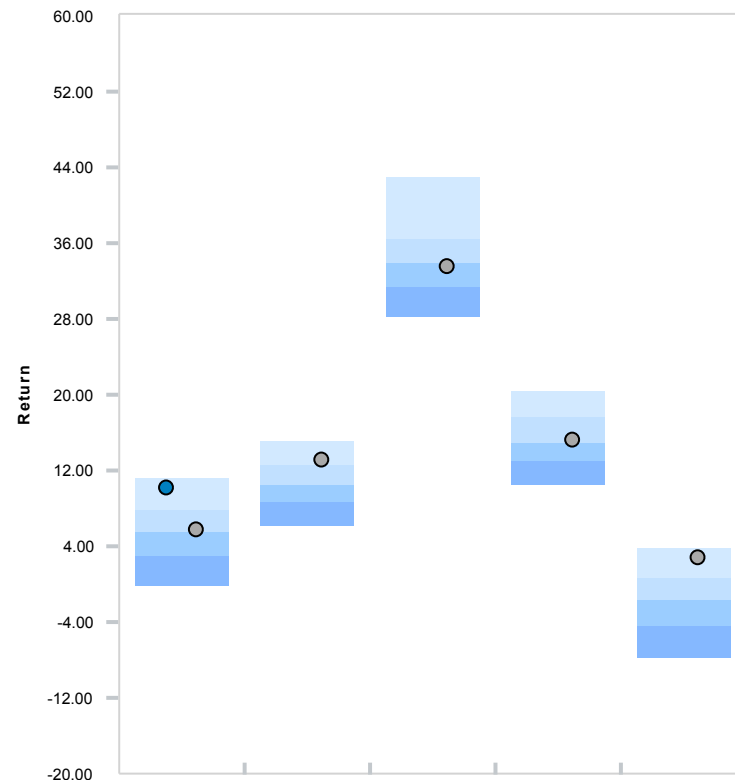
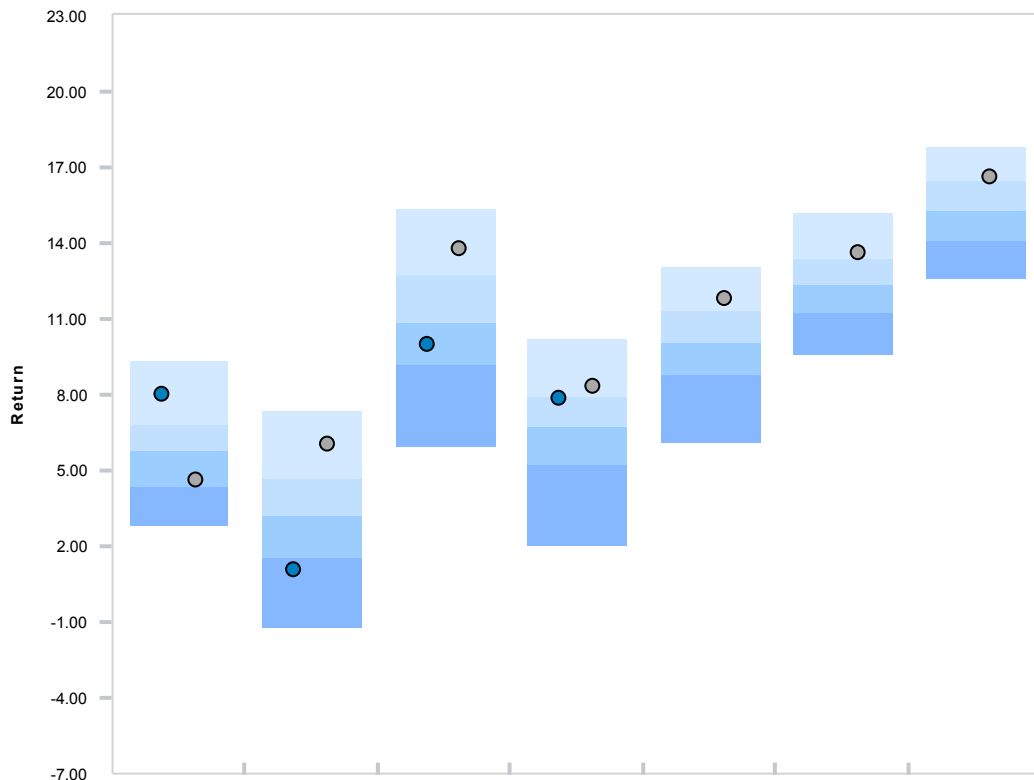
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Diamond Hill	5.80 (19)	8.30 (31)	14.78 (25)	6.60 (7)	N/A	N/A	N/A
● R1V Index	3.48 (64)	10.00 (14)	16.19 (15)	5.38 (17)	9.70 (10)	12.73 (15)	16.15 (10)
Median	3.96	7.02	12.49	3.53	7.84	11.34	14.50

	2015	2014	2013	2012	2011
● Diamond Hill	-0.74 (8)	N/A	N/A	N/A	N/A
● R1V Index	-3.83 (53)	13.45 (8)	32.53 (50)	17.51 (24)	0.39 (25)
Median	-3.70	10.89	32.51	15.42	-2.39

Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
Diamond Hill	1.19 (84)	1.16 (27)	5.99 (18)	-8.12 (38)	1.79 (11)	0.13 (35)
Russell 1000 Value Index	4.58 (10)	1.64 (20)	5.64 (27)	-8.40 (45)	0.11 (65)	-0.72 (74)
IM U.S. Large Cap Value Equity (MF) Median	2.62	0.00	5.19	-8.80	0.46	-0.26

Peer Group Analysis - IM U.S. Large Cap Growth Equity (MF)



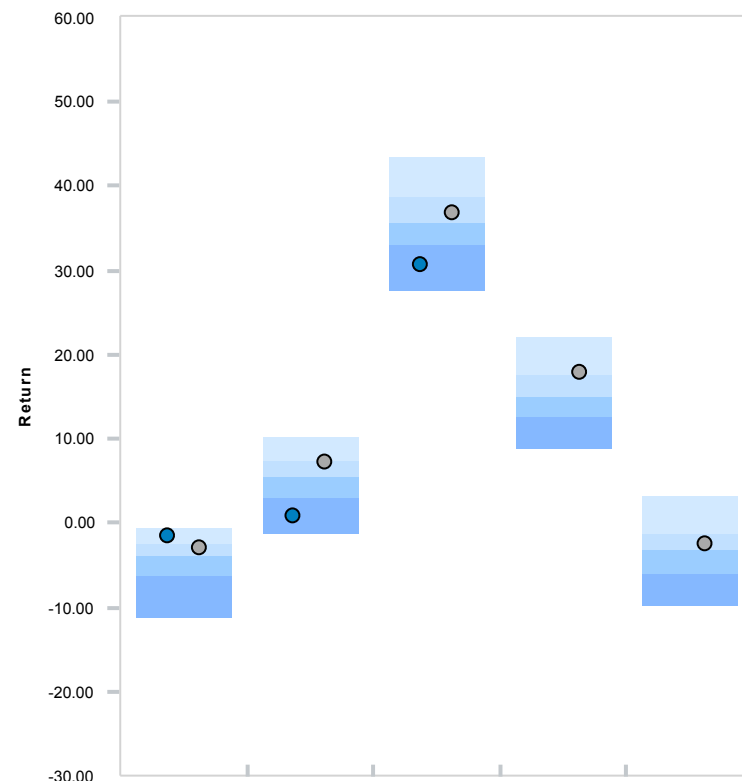
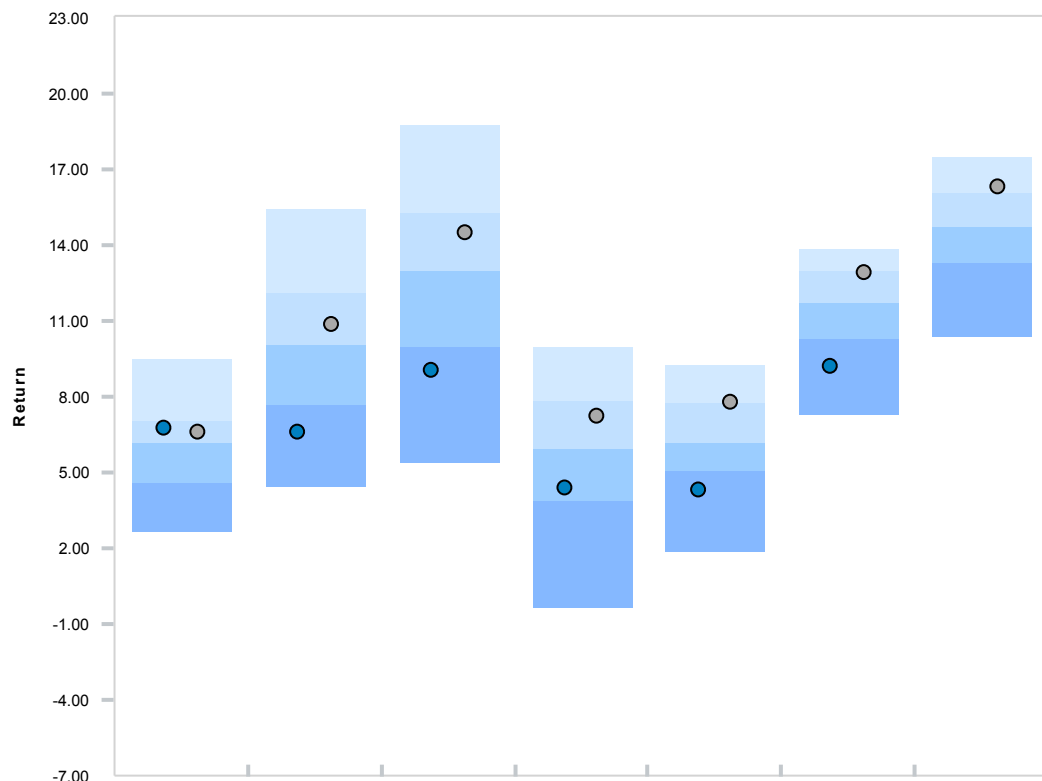
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● T Rowe Price	8.03 (10)	1.09 (80)	9.99 (63)	7.87 (27)	N/A	N/A	N/A
● R1G Index	4.58 (71)	6.00 (14)	13.76 (17)	8.34 (18)	11.83 (16)	13.64 (20)	16.60 (21)
Median	5.81	3.18	10.87	6.73	10.04	12.31	15.24

	2015	2014	2013	2012	2011
● T Rowe Price	10.08 (11)	N/A	N/A	N/A	N/A
● R1G Index	5.67 (48)	13.05 (22)	33.48 (55)	15.26 (47)	2.64 (11)
Median	5.51	10.51	33.95	14.90	-1.77

Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
T Rowe Price	0.01 (60)	-6.44 (93)	8.81 (20)	-4.86 (21)	0.79 (47)	5.49 (14)
Russell 1000 Growth Index	0.61 (42)	0.74 (7)	7.32 (62)	-5.29 (30)	0.12 (69)	3.84 (40)
IM U.S. Large Cap Growth Equity (MF) Median	0.31	-2.85	7.68	-6.08	0.74	3.38

Peer Group Analysis - IM U.S. SMID Cap Core Equity (MF)



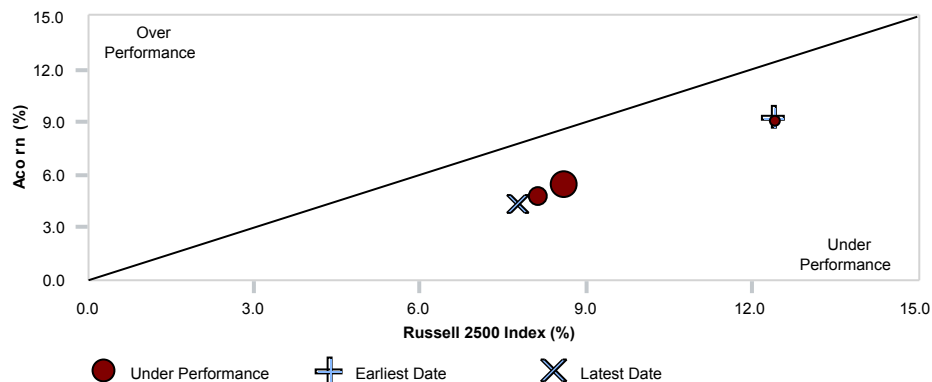
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Acorn	6.76 (34)	6.57 (86)	9.04 (83)	4.37 (70)	4.29 (85)	9.19 (88)	N/A
● R2500 Index	6.56 (39)	10.80 (45)	14.44 (38)	7.18 (35)	7.77 (25)	12.90 (26)	16.30 (20)
Median	6.15	10.04	12.94	5.93	6.22	11.69	14.69

	2015	2014	2013	2012	2011
● Acorn	-1.57 (15)	0.78 (86)	30.69 (89)	N/A	N/A
● R2500 Index	-2.90 (33)	7.07 (31)	36.80 (40)	17.88 (23)	-2.51 (40)
Median	-3.96	5.58	35.60	15.03	-3.33

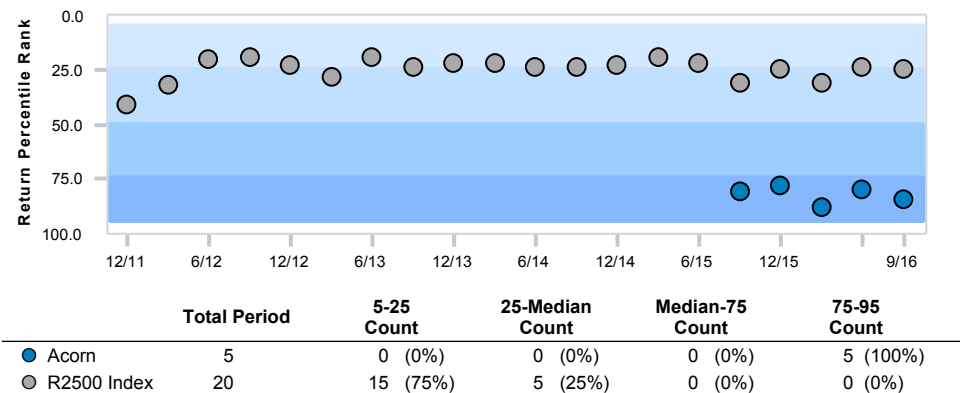
Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
Acorn	2.63 (48)	-2.74 (99)	2.32 (54)	-9.77 (43)	2.54 (3)	3.97 (55)
Russell 2500 Index	3.57 (26)	0.39 (69)	3.28 (27)	-10.30 (57)	-0.34 (52)	5.17 (22)
IM U.S. SMID Cap Core Equity (MF) Median	2.52	1.08	2.45	-10.02	-0.27	4.13

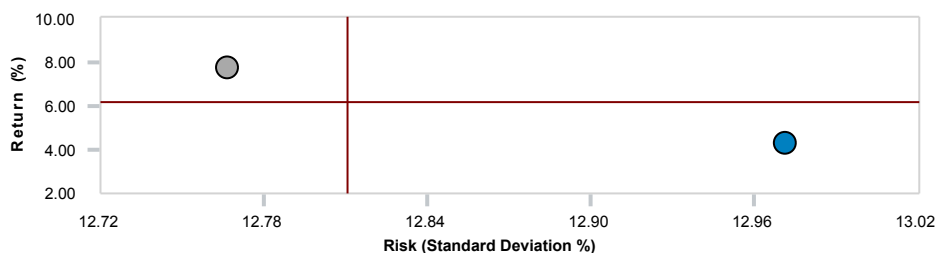
3 Yr Rolling Under/Over Performance - 5 Years



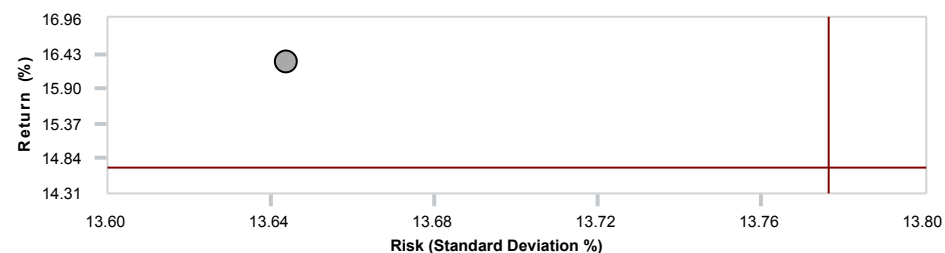
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



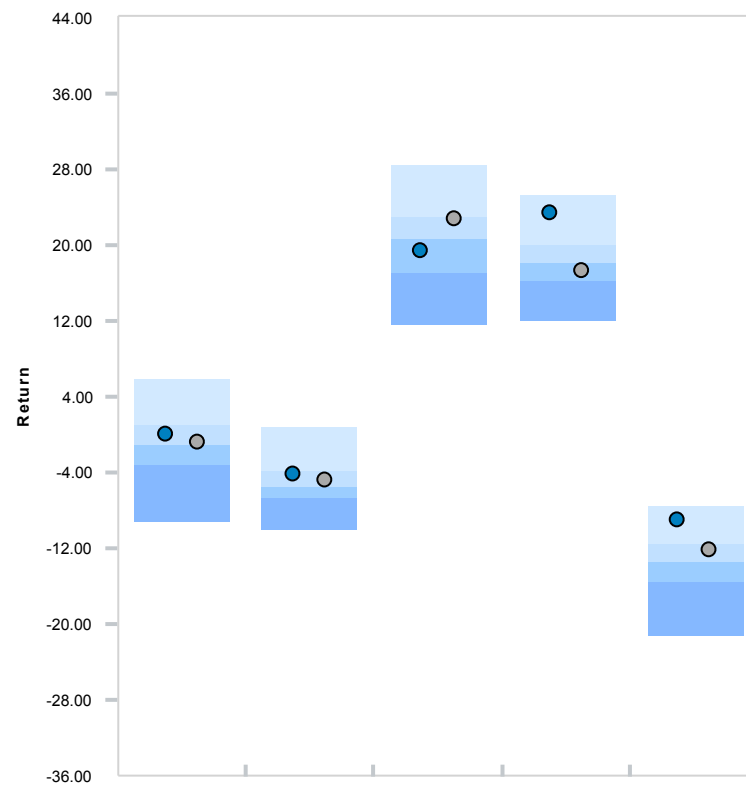
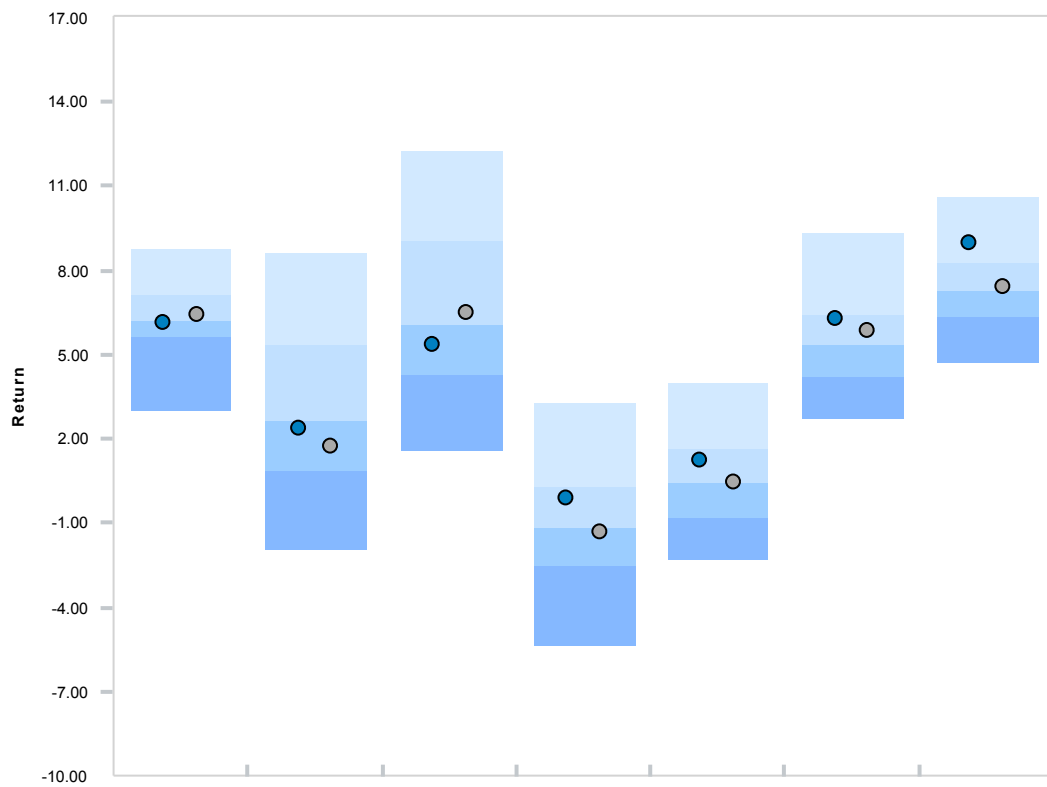
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Acorn	2.51	91.67	110.01	-3.20	-1.30	0.38	1.00	8.78
Russell 2500 Index	0.00	100.00	100.00	0.00	N/A	0.65	1.00	8.25

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Acorn	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2500 Index	0.00	100.00	100.00	0.00	N/A	1.17	1.00	7.27

Peer Group Analysis - IM International Core Equity (MF)



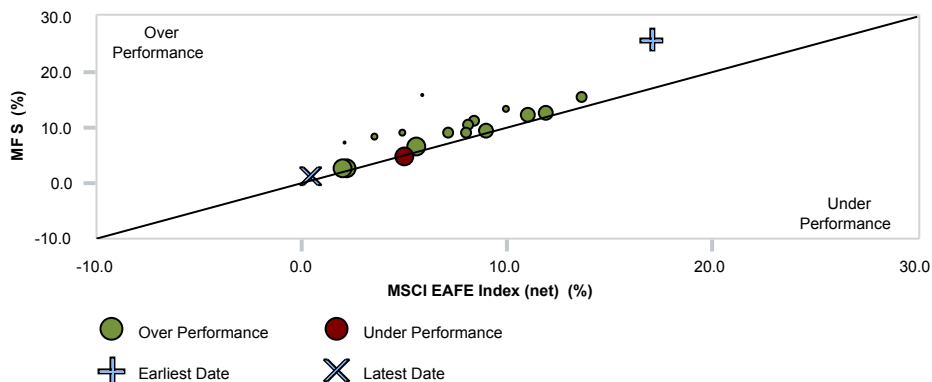
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● MFS	6.15 (55)	2.38 (54)	5.32 (62)	-0.13 (30)	1.22 (33)	6.24 (28)	8.96 (17)
● EAFE Index	6.43 (47)	1.73 (65)	6.52 (42)	-1.36 (54)	0.48 (50)	5.85 (35)	7.39 (47)
Median	6.23	2.62	6.04	-1.20	0.47	5.31	7.26

	2015	2014	2013	2012	2011
● MFS	0.02 (37)	-4.21 (32)	19.47 (61)	23.45 (7)	-9.15 (11)
● EAFE Index	-0.81 (45)	-4.90 (43)	22.78 (27)	17.32 (63)	-12.14 (32)
Median	-1.12	-5.45	20.58	18.05	-13.57

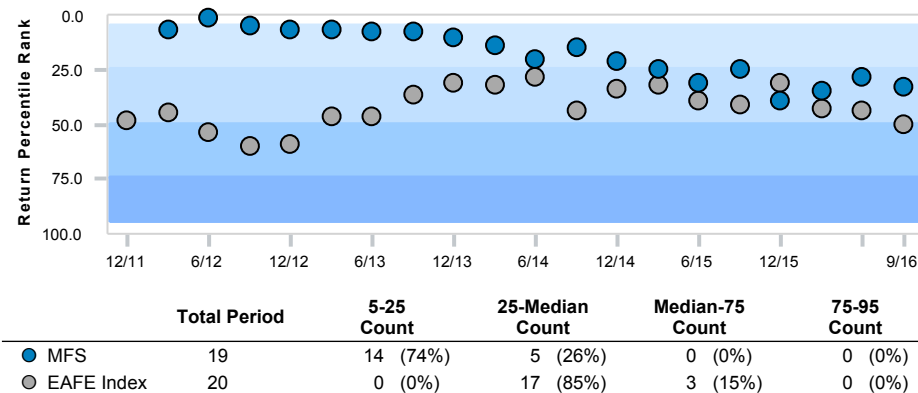
Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
MFS	-1.25 (54)	-2.33 (55)	2.87 (67)	-9.32 (38)	1.04 (55)	6.12 (13)
MSCI EAFE Index (net)	-1.46 (59)	-3.01 (72)	4.71 (16)	-10.23 (57)	0.62 (73)	4.88 (51)
IM International Core Equity (MF) Median	-1.10	-2.02	3.40	-10.03	1.18	4.90

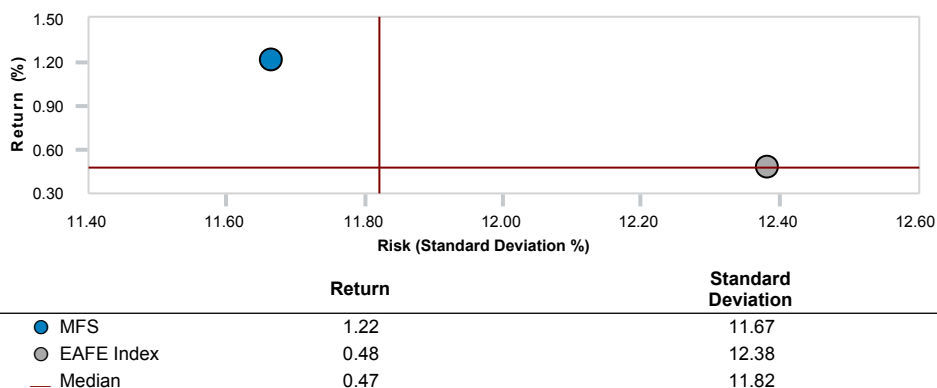
3 Yr Rolling Under/Over Performance - 5 Years



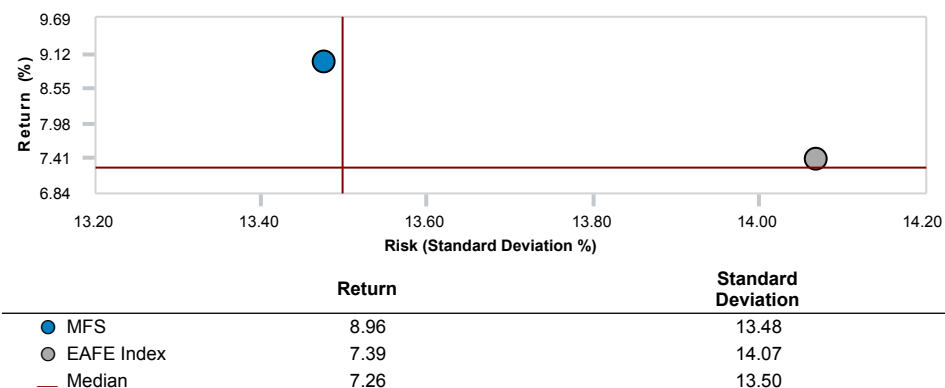
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

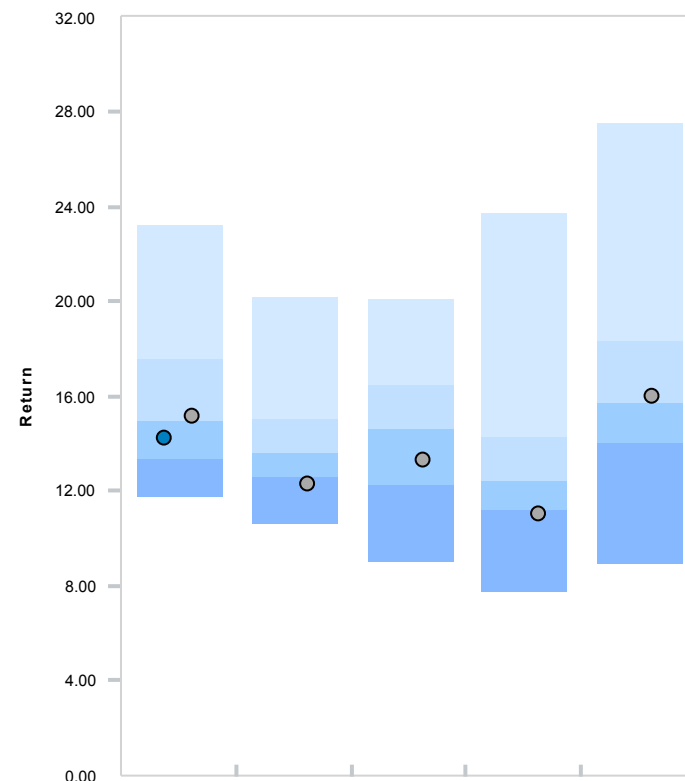
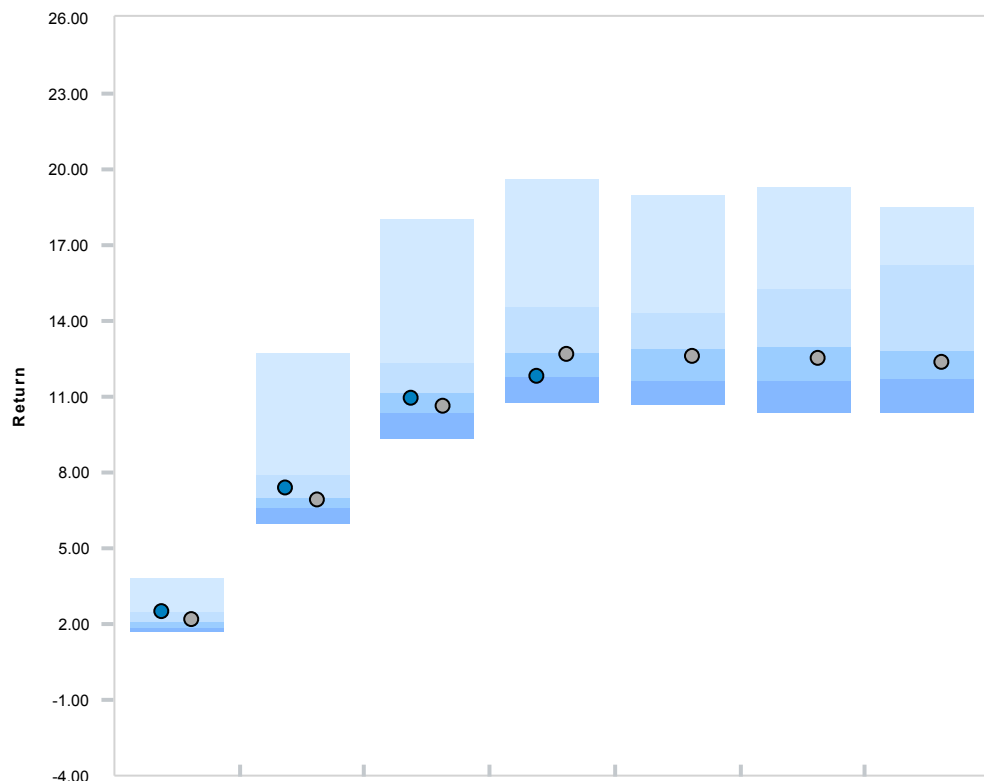
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	2.78	96.03	91.73	0.76	0.24	0.16	0.92	8.09
MSCI EAFE Index (net)	0.00	100.00	100.00	0.00	N/A	0.09	1.00	8.40

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	3.54	96.89	86.28	1.99	0.39	0.70	0.93	8.25
MSCI EAFE Index (net)	0.00	100.00	100.00	0.00	N/A	0.57	1.00	8.87

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



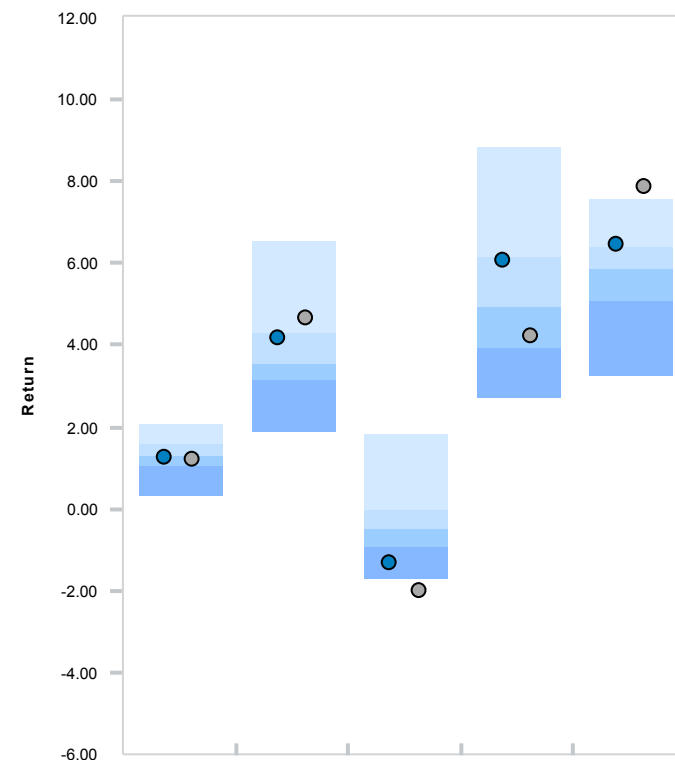
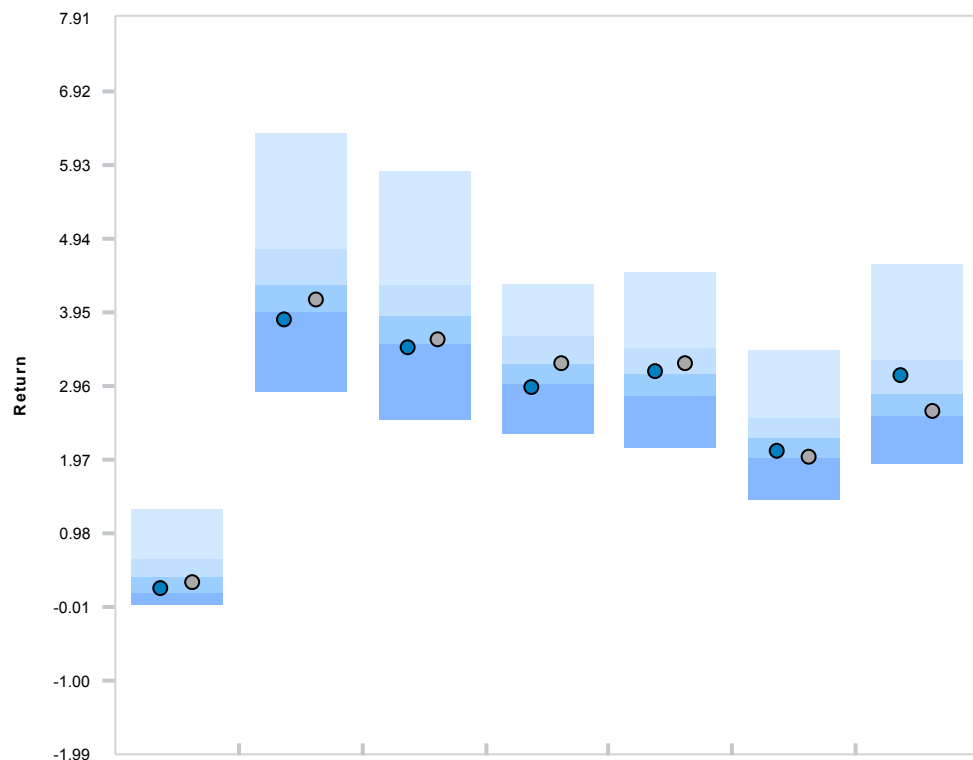
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Baring/Cornerstone	2.46 (29)	7.34 (43)	10.90 (57)	11.77 (78)	N/A	N/A	N/A
○ ODCE Index	2.13 (48)	6.90 (59)	10.57 (74)	12.62 (52)	12.54 (61)	12.52 (68)	12.37 (71)
Median	2.09	6.95	11.14	12.77	12.89	13.01	12.79

	2015	2014	2013	2012	2011
● Baring/Cornerstone	14.21 (71)	N/A	N/A	N/A	N/A
○ ODCE Index	15.17 (49)	12.28 (81)	13.34 (62)	11.03 (77)	15.96 (44)
Median	15.01	13.66	14.63	12.45	15.78

Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
Baring/Cornerstone	1.76 (89)	2.95 (37)	3.32 (65)	4.06 (39)	3.31 (65)	2.82 (84)
NCREIF Fund Index-Open End Diversified Core (EW)	2.18 (63)	2.44 (61)	3.43 (57)	3.63 (49)	3.92 (42)	3.40 (57)
IM U.S. Open End Private Real Estate (SA+CF) Median	2.54	2.64	3.57	3.56	3.72	3.55

Peer Group Analysis - IM U.S. Intermediate Duration (SA+CF)



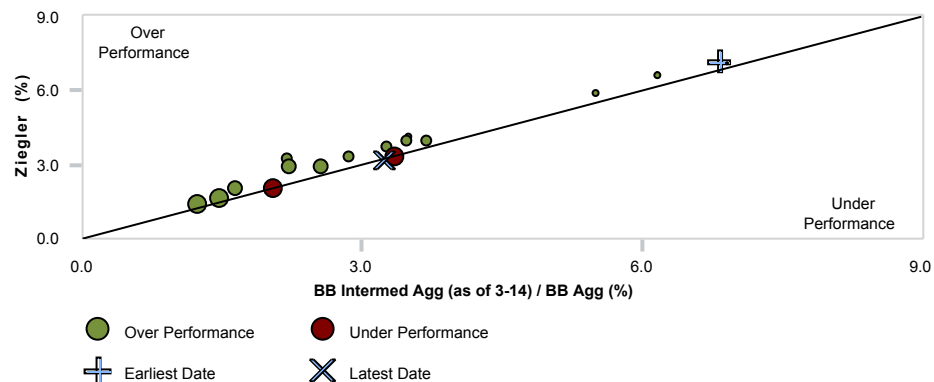
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Ziegler	0.24 (67)	3.85 (79)	3.47 (77)	2.94 (80)	3.14 (48)	2.07 (70)	3.09 (41)
● BB Intermed Agg (as of 3-14) / BB Agg	0.31 (57)	4.10 (68)	3.57 (71)	3.26 (51)	3.26 (41)	2.00 (75)	2.62 (68)
Median	0.38	4.34	3.89	3.26	3.12	2.25	2.86

	2015	2014	2013	2012	2011
● Ziegler	1.23 (58)	4.14 (28)	-1.33 (90)	6.04 (27)	6.47 (19)
● BB Intermed Agg (as of 3-14) / BB Agg	1.21 (62)	4.64 (16)	-2.02 (98)	4.21 (69)	7.84 (4)
Median	1.30	3.54	-0.52	4.95	5.87

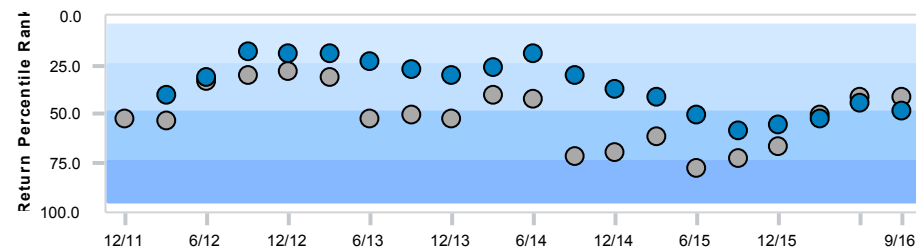
Comparative Performance

	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015	1 Qtr Ending Sep-2015	1 Qtr Ending Jun-2015	1 Qtr Ending Mar-2015
Ziegler	1.39 (75)	2.18 (66)	-0.37 (38)	0.88 (54)	-0.53 (34)	1.26 (87)
BB Intermed Agg (as of 3-14) / BB Agg	1.44 (72)	2.31 (55)	-0.51 (65)	1.08 (30)	-0.67 (62)	1.32 (79)
IM U.S. Intermediate Duration (SA+CF) Median	1.58	2.33	-0.42	0.92	-0.61	1.47

3 Yr Rolling Under/Over Performance - 5 Years

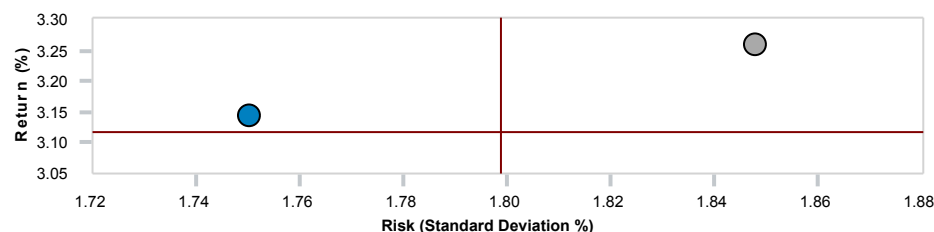


3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Ziegler	19	5 (26%)	10 (53%)	4 (21%)	0 (0%)
● BB Intermed Agg (as of 3-14) / BB Agg	20	0 (0%)	8 (40%)	11 (55%)	1 (5%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Ziegler	3.14	1.75
● BB Intermed Agg (as of 3-14) / BB Agg	3.26	1.85
— Median	3.12	1.80

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Ziegler	3.09	2.16
● BB Intermed Agg (as of 3-14) / BB Agg	2.62	2.16
— Median	2.86	1.94

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Ziegler	1.11	85.95	60.64	0.68	-0.10	1.71	0.75	0.61
BB Intermed Agg (as of 3-14) / BB Agg	0.00	100.00	100.00	0.00	N/A	1.61	1.00	0.75

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Ziegler	0.99	100.69	77.76	0.78	0.45	1.35	0.87	1.20
BB Intermed Agg (as of 3-14) / BB Agg	0.00	100.00	100.00	0.00	N/A	1.11	1.00	1.29

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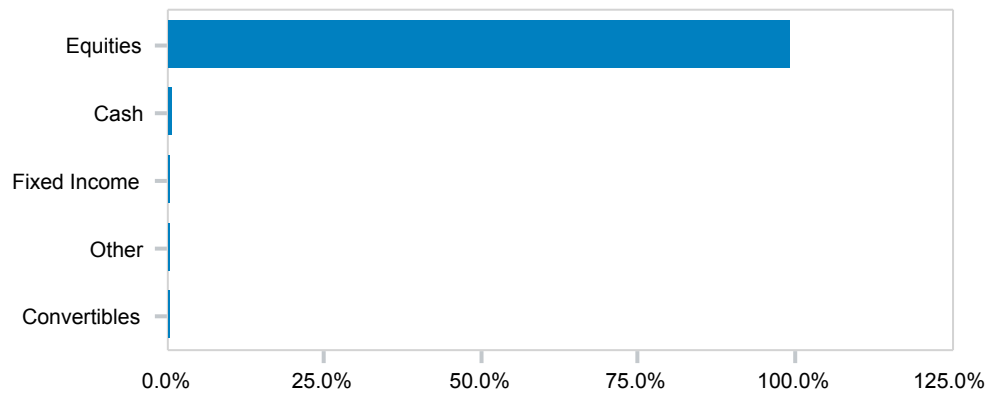
Fund Information

Fund Name :	Diamond Hill Funds: Diamond Hill Large Cap Fund; Class Y Shares	Portfolio Assets :	\$3,841 Million
Fund Family :	Diamond Hill Capital Management Inc	Portfolio Manager :	Bath/Welch/Hawley
Ticker :	DHLYX	PM Tenure :	2011--2011--2015
Inception Date :	12/30/2011	Fund Style :	IM U.S. Large Cap Core Equity (MF)
Fund Assets :	\$572 Million	Style Benchmark :	S&P 500 Index
Portfolio Turnover :	20%		

Fund Investment Policy

The Fund seeks to provide long-term capital appreciation by investing in common stocks that the Fund's adviser believes are undervalued. The Fund normally invests at least 80% of its assets in large capitalization companies, defined as those companies with a market capitalization of \$5 billion or more.

Asset Allocation As of 08/31/2016



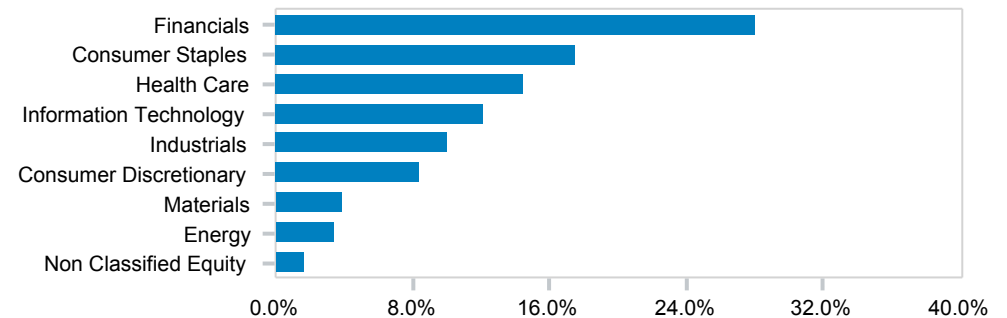
Top Ten Securities As of 08/31/2016

Abbott Laboratories ORD	3.9 %
Citigroup Inc ORD	3.7 %
Morgan Stanley ORD	3.6 %
Pfizer Inc ORD	3.5 %
Procter & Gamble Co ORD	3.4 %
United Technologies Corp ORD	3.3 %
JPMorgan Chase & Co ORD	3.2 %
Capital One Financial Corp ORD	3.1 %
Cisco Systems Inc ORD	3.1 %
TJX Companies Inc ORD	2.6 %

Fund Characteristics As of 08/31/2016

Total Securities	53
Avg. Market Cap	\$113,486 Million
P/E	21.4
P/B	4.3
Div. Yield	2.3%
Annual EPS	13.8
5Yr EPS	5.4
3Yr EPS Growth	16.7

Sector/Quality Allocation As of 08/31/2016



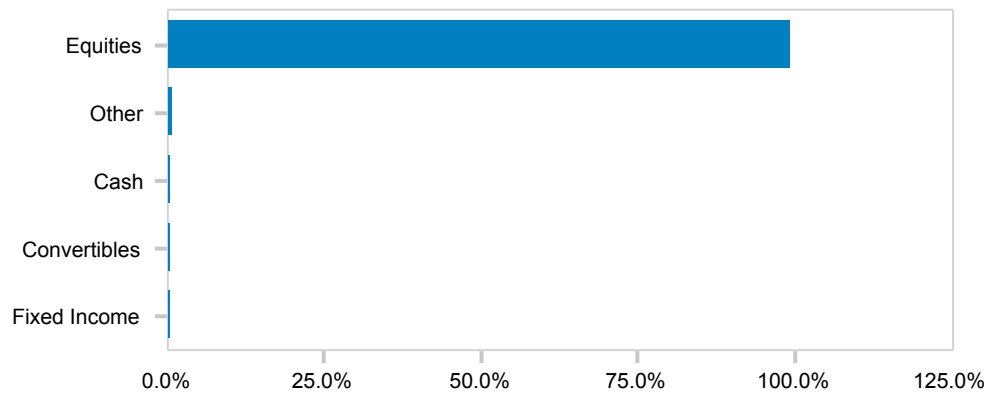
Fund Information

Fund Name :	T Rowe Price Institutional Equity Funds, Inc: T Rowe Price Institutional Large-Cap Core Growth Fund	Portfolio Assets :	\$2,264 Million
Fund Family :	T Rowe Price Associates Inc	Portfolio Manager :	Larry J. Puglia
Ticker :	TPLGX	PM Tenure :	2003
Inception Date :	09/30/2003	Fund Style :	IM U.S. Large Cap Growth Equity (MF)
Fund Assets :	\$2,264 Million	Style Benchmark :	Russell 1000 Growth Index
Portfolio Turnover :	33%		

Fund Investment Policy

The Fund seeks to provide long-term capital growth through investments in the common stocks of large-cap growth companies. The Fund will normally invest substantially all of its net assets in large-cap companies.

Asset Allocation As of 06/30/2016



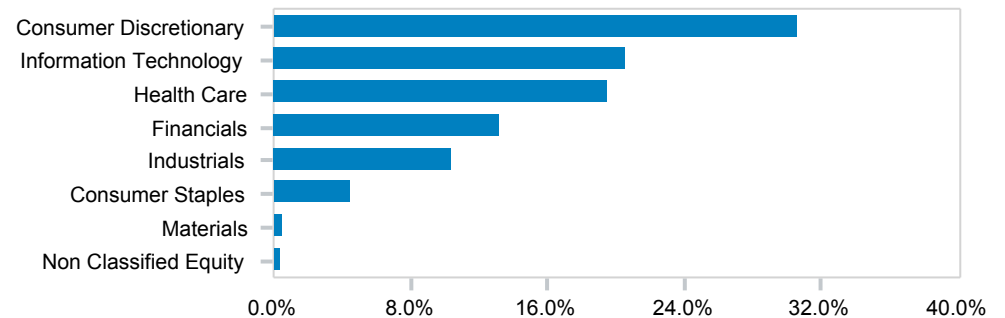
Top Ten Securities As of 06/30/2016

Amazon.com Inc ORD	8.4 %
Facebook Inc ORD	4.6 %
Alphabet Inc ORD 1	4.1 %
Priceline Group Inc ORD	3.5 %
Danaher Corp ORD	3.4 %
Visa Inc ORD	2.8 %
MasterCard Inc ORD	2.4 %
Microsoft Corp ORD	2.4 %
Alphabet Inc ORD 2	2.4 %
American Tower Corp ORD	2.0 %

Fund Characteristics As of 06/30/2016

Total Securities	144
Avg. Market Cap	\$130,566 Million
P/E	34.1
P/B	9.0
Div. Yield	1.5%
Annual EPS	23.4
5Yr EPS	15.7
3Yr EPS Growth	24.2

Sector/Quality Allocation As of 06/30/2016



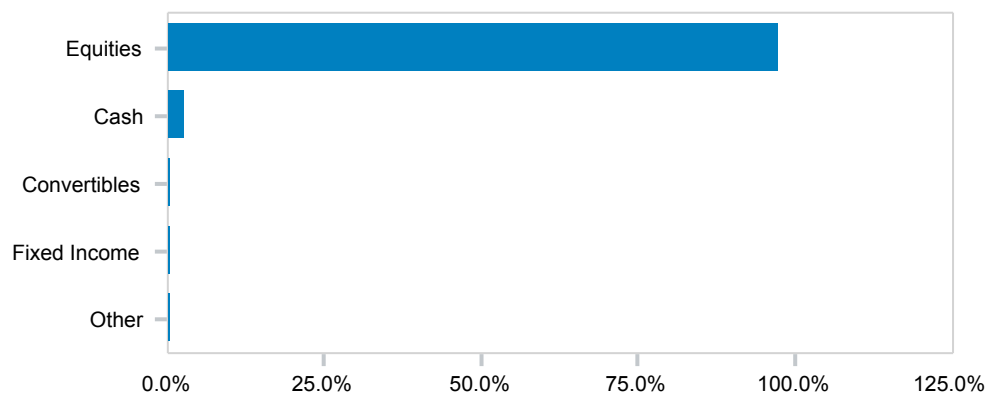
Fund Information

Fund Name :	Columbia Acorn Trust: Columbia Acorn Fund; Class Z Shares	Portfolio Assets :	\$5,384 Million
Fund Family :	Columbia Threadneedle Investments	Portfolio Manager :	Egan/Kaegi/Litfin
Ticker :	ACRN	PM Tenure :	1999--2004--2015
Inception Date :	06/10/1970	Fund Style :	IM U.S. SMID Cap Growth Equity (MF)
Fund Assets :	\$3,811 Million	Style Benchmark :	Russell 2500 Growth Index
Portfolio Turnover :	21%		

Fund Investment Policy

The Fund seeks long-term capital appreciation. The Fund invests a majority of its net assets in the common stock of small- and mid-sized companies with market capitalizations under \$5 billion at the time of investment. The Fund invests the majority of its assets in U.S. companies.

Asset Allocation As of 08/31/2016



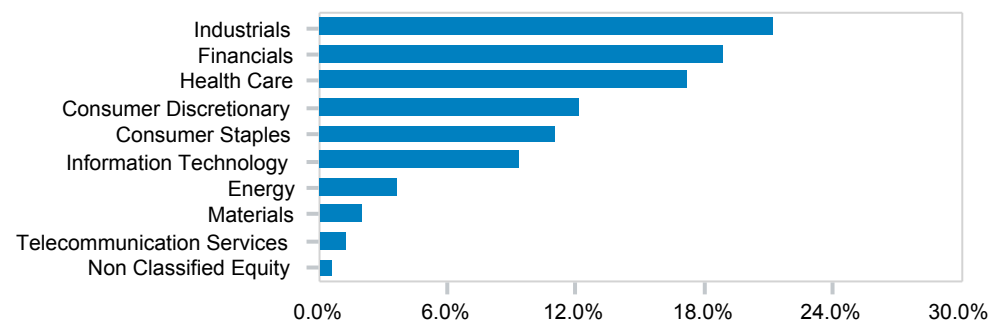
Top Ten Securities As of 08/31/2016

Align Technology Inc ORD	2.5 %
Education Realty Trust Inc	2.0 %
Expeditors International of Washington Inc ORD	1.6 %
HealthSouth Corp ORD	1.6 %
Lazard Ltd ORD	1.5 %
Jones Lang LaSalle Inc ORD	1.4 %
Acuity Brands Inc ORD	1.4 %
Raymond James Financial Inc ORD	1.4 %
Vail Resorts Inc ORD	1.3 %
Toro Co ORD	1.3 %

Fund Characteristics As of 08/31/2016

Total Securities	134
Avg. Market Cap	\$5,851 Million
P/E	29.5
P/B	5.8
Div. Yield	1.7%
Annual EPS	15.4
5Yr EPS	16.2
3Yr EPS Growth	20.6

Sector/Quality Allocation As of 08/31/2016



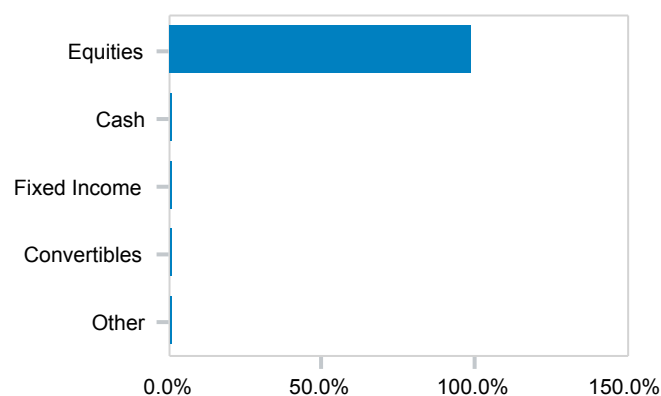
Fund Information

Fund Name :	MFS Institutional Trust: MFS Institutional International Equity Fund	Portfolio Assets :	\$7,905 Million
Fund Family :	MFS Investment Management	Portfolio Manager :	Smith/Ling/Benzinho
Ticker :	MIEIX	PM Tenure :	2001--2009--2016
Inception Date :	01/31/1996	Fund Style :	IM International Large Cap Growth Equity (MF)
Fund Assets :	\$7,905 Million	Style Benchmark :	MSCI EAFE Growth
Portfolio Turnover :	12%		

Fund Investment Policy

The Fund seeks capital appreciation. The Fund normally invests at least 80% of its net assets in non-U.S. equity securities. The Fund uses a bottom-up investment approach. Stocks are selected primarily based on fundamental analysis of issuers and their potential.

Asset Allocation As of 08/31/2016



Top Ten Securities As of 08/31/2016

Nestle SA ORD	4.0 %
Bayer AG ORD	3.3 %
WPP PLC ORD	3.3 %
Compass Group PLC ORD	3.0 %
Roche Holding AG Par	3.0 %
Taiwan Semiconductor Manufacturing Co Ltd DR	2.6 %
Hoya Corp ORD	2.6 %
Danone SA ORD	2.6 %
AIA Group Ltd ORD	2.5 %
Reckitt Benckiser Group PLC ORD	2.4 %

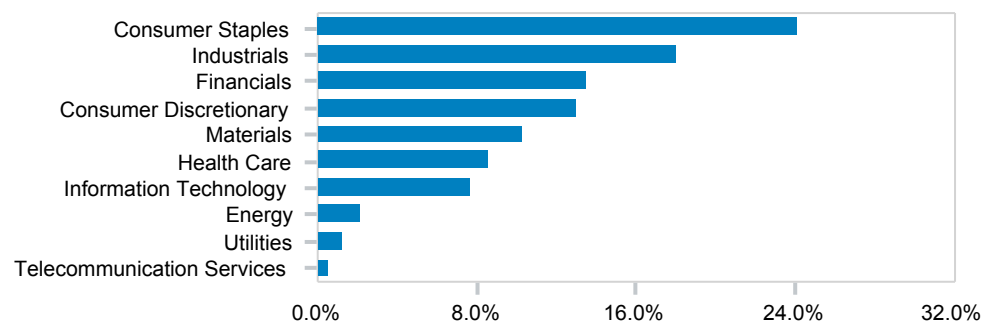
Top 5 Countries As of 08/31/2016

United Kingdom	15.6 %
France	15.5 %
Switzerland	13.7 %
Japan	12.7 %
Germany	11.3 %

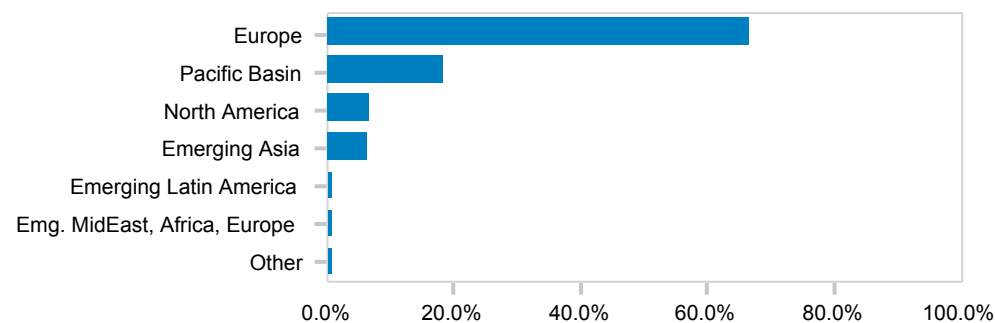
Fund Characteristics As of 08/31/2016

Total Securities	79
Avg. Market Cap	\$61,816 Million
P/E	23.8
P/B	4.3
Div. Yield	2.7%
Annual EPS	5.4
5Yr EPS	7.4
3Yr EPS Growth	7.3

Sector/Quality Allocation As of 08/31/2016



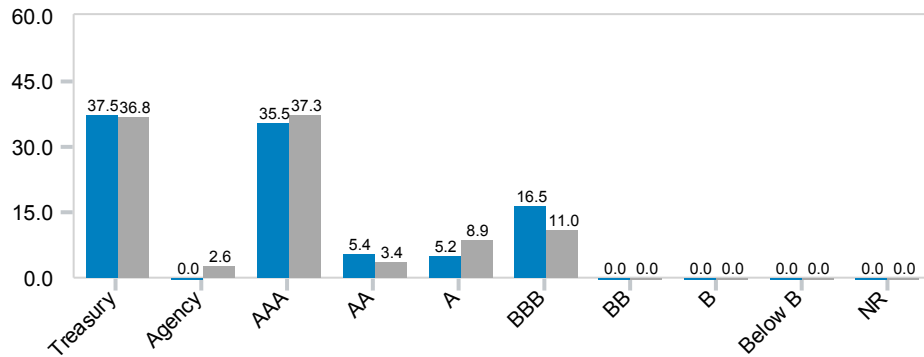
Regional Allocation As of 08/31/2016



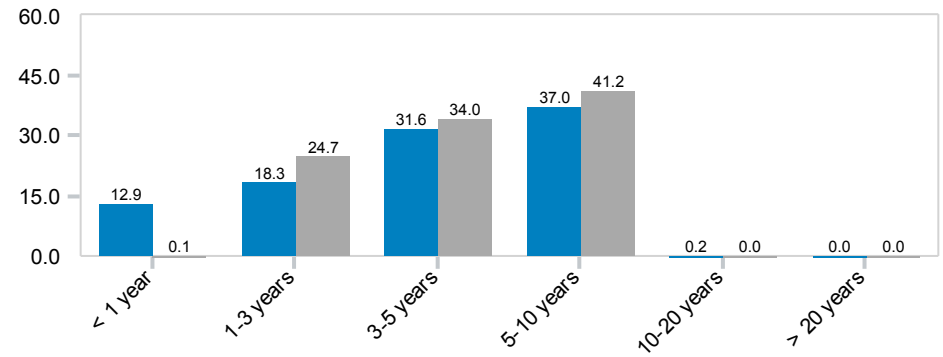
Portfolio Characteristics

	Portfolio	Benchmark
Avg. Maturity	4.15	4.41
Avg. Quality	Aa2	AA+
Coupon Rate (%)	3.06	2.82
Current Yield	2.92	2.69
Effective Duration	3.41	3.65

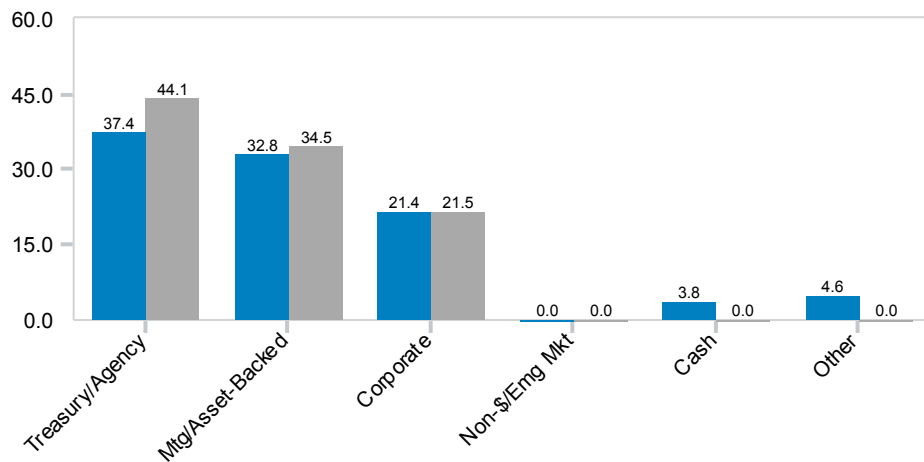
Credit Quality Distribution (%)



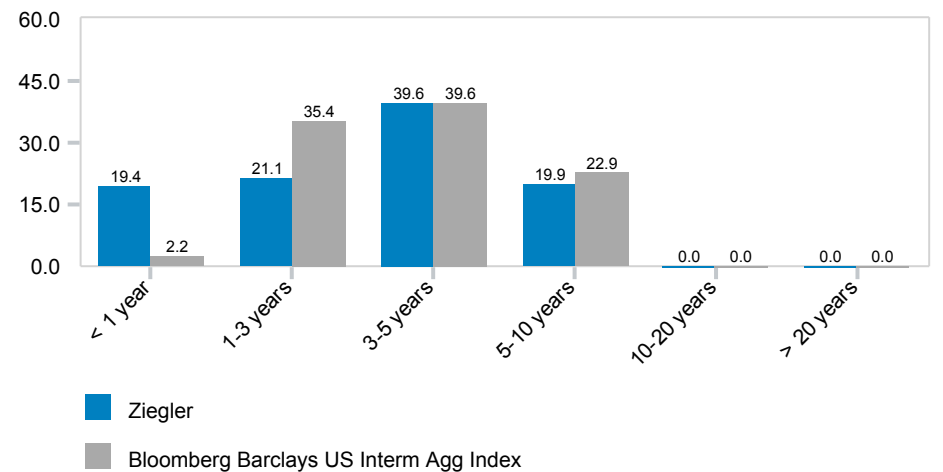
Maturity Distribution (%)



Sector Distribution (%)



Duration Distribution (%)



■ Ziegler
■ Bloomberg Barclays US Interm Agg Index

**Aurora Retirees Health Care
Total Fund
As of September 30, 2016**

	Market Value (\$)	Estimated Annual Fee (%)	Estimated Annual Fee (\$)
Total Fund	38,746,540	0.44	172,371
Diamond Hill	6,950,649	0.65	45,179
T Rowe Price	7,263,119	0.56	40,673
Acorn	1,818,609	0.79	14,367
MFS	3,987,749	0.72	28,712
Baring/Cornerstone	1,212,895	1.10	13,342
Ziegler	15,048,924	0.20	30,098

Comparative Performance
Total Fund Net
As of September 30, 2016

Comparative Performance						
	QTR	FYTD	1 YR	3 YR	5 YR	7 YR
Total Fund	3.61	3.70	7.12	5.55	8.49	7.31
Total Fund Policy	2.75	5.83	8.66	6.31	9.30	8.25
Total Fund Without Cash	3.84	4.04	7.53	5.88	9.21	8.25
Total Domestic Equity	6.91	4.72	11.93	9.05	14.65	12.49
Russell 3000 Index	4.40	8.18	14.96	10.44	16.36	13.18
Diamond Hill	5.80	8.30	14.78	N/A	N/A	N/A
Russell 1000 Value Index	3.48	10.00	16.19	9.70	16.15	12.34
T Rowe Price	8.03	1.09	9.99	N/A	N/A	N/A
Russell 1000 Growth Index	4.58	6.00	13.76	11.83	16.60	14.11
Acorn	6.76	6.57	9.04	4.23	N/A	N/A
Russell 2500 Index	6.56	10.80	14.44	7.77	16.30	13.40
Russell 2500 Growth Index	6.98	6.95	11.02	7.43	16.20	13.98
MFS	6.15	2.38	5.32	1.15	8.61	6.12
MSCI EAFE Index (net)	6.43	1.73	6.52	0.48	7.39	4.24
Baring/Cornerstone	2.46	7.34	10.90	N/A	N/A	N/A
NCREIF Fund Index-ODCE (EW) (Net)	1.93	6.25	9.66	11.63	11.41	11.28
Ziegler	0.19	3.70	3.27	2.94	2.86	3.80
BC Intermed Agg Index (as of 3-14) / BC Agg	0.31	4.10	3.57	3.26	2.62	3.77
Cash	0.11	0.25	0.27	0.12	0.11	0.11
90 Day U.S. Treasury Bill	0.07	0.19	0.18	0.09	0.08	0.09

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

Historical Hybrid Composition	
Allocation Mandate	Weight (%)
Jan-2009	
Russell 3000 Index	45.00
MSCI EAFE (Net) Index	10.00
Bloomberg Barclays U.S. Aggregate Index	45.00
Mar-2014	
Russell 3000 Index	45.00
MSCI EAFE (Net) Index	10.00
Blmbg. Barc. U.S. Intermediate Aggregate	45.00
Jun-2014	
Russell 1000 Value Index	15.00
Russell 1000 Growth Index	15.00
Russell 2500 Index	10.00
MSCI EAFE (Net) Index	10.00
Blmbg. Barc. U.S. Intermediate Aggregate	45.00
NCREIF Fund Index-ODCE (EW) (Net)	5.00

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.
Distributed to Paid In (DPI)	- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.
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.
Total Value to Paid In (TVPI)	- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life
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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