City Of Aurora Retiree Health Insurance Trust Fund

Investment Performance Review Quarter Ending
June 30, 2016

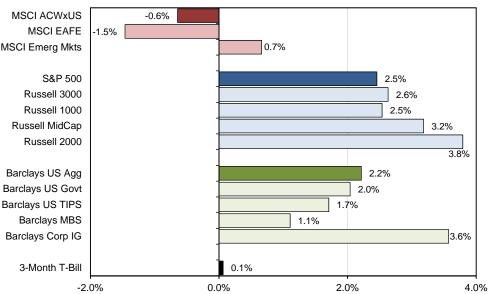


2nd Quarter 2016 Market Environment

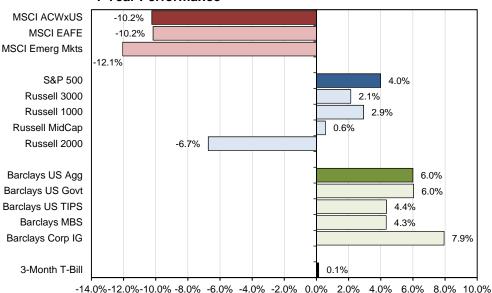


- The 2nd quarter of 2016 was very volatile as financial market returns were influenced by central bank policy expectations, rising commodity prices, mixed economic data, and increased global political and economic uncertainty caused by the U.K.'s June vote to discontinue its membership in the European Union (EU). Despite this volatility, asset class results for the period were broadly positive with the exception of international developed market returns. Higher risk assets, such as small cap equities, emerging market stocks, and investment grade and high yield corporate bonds, posted the strongest returns throughout the quarter.
- Led by the small cap Russell 2000's return of 3.8%, U.S. stock market indices were positive for the 2nd quarter. In contrast, for the 1-year period, domestic large cap stock indices were the best performers, posting moderate gains, while domestic small cap indices posted negative returns. Broad international equity indices trailed domestic stock indices through both the quarter and prior year. In U.S. Dollar (USD) terms, returns for the MSCI Emerging Markets Index (net) were marginally positive for the quarter returning 0.7% while developed market equities, represented by the MSCI EAFE Index (net), returned -1.5%. Both indices have experienced double digit losses over the 1-year period, returning -12.1% and -10.2% respectively..
- The U.S. Treasury yield curve flattened throughout the 2nd quarter with near-term rates staying relatively flat and rates at the medium to long end of the yield curve falling near all-time lows. Despite their low yields, investment grade bonds have outperformed broad domestic and international equity indices over the past twelve months with the Barclays Aggregate Index returning 2.2% for the 2nd quarter and 6.0% for the trailing 1-year period. Investment grade corporate bonds outperformed the remaining investment grade sectors for both the quarter and 1-year period with the Barclays U.S. Corporate Investment Grade Index returning 3.6% and 7.9% respectively. Corporate issues experienced tailwinds from their higher durations relative to other areas of the fixed income market, as well as tightening credit spreads.

Quarter Performance

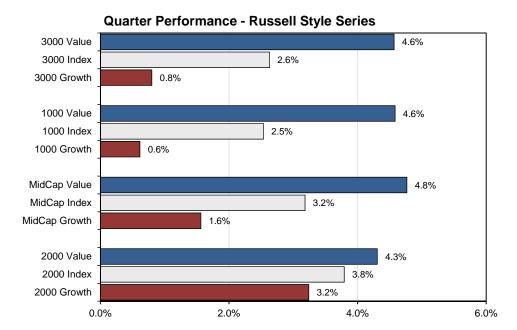


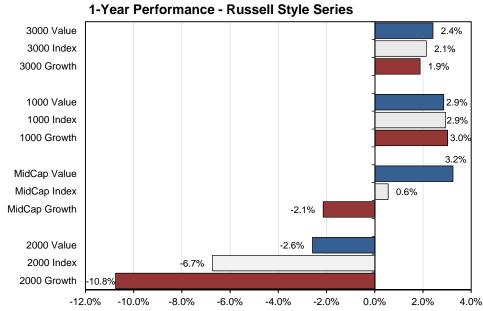
1-Year Performance





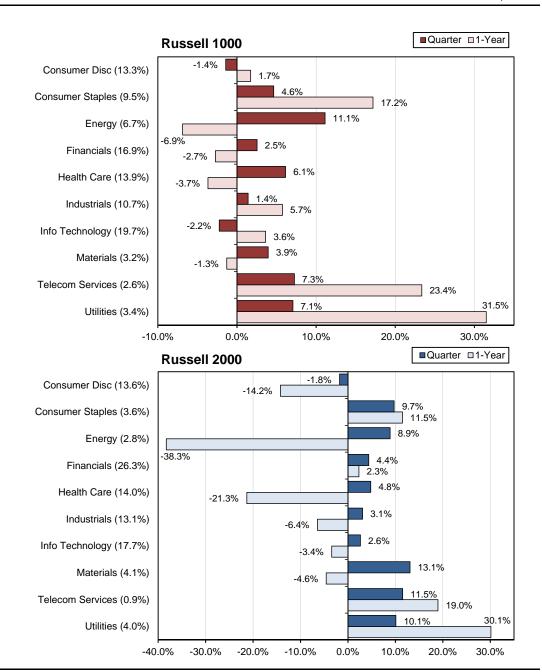
- U.S. equity index returns were positive across the capitalization spectrum during the 2nd quarter. Domestic stock prices increased through April and May, fueled by largely supportive macroeconomic data suggesting that the economic weakness experienced at the beginning of the year had been transitory. The strength in economic data led market participants to consider an increased probability for the U.S. Federal Reserve (Fed) to tighten monetary policy by increasing short-term interest rates as early as June. However, forecasts surrounding the timing of future Fed rate hikes were pushed out after the release of May's non-farm payroll report, which came in much weaker than expected. The possibility of a near-term rate increase became even more remote near the end of the quarter when the U.K. unexpectedly voted to exit the EU, creating political and economic uncertainty throughout global financial markets. Demand for equities remains high as investors struggle to find other sources of portfolio return in the current low interest rate environment.
- Value stocks outperformed growth stocks across the capitalization spectrum for the second straight quarter. This value outperformance was generally due to investors seeking the perceived safety of value stocks given valuation levels and the volatility experienced throughout the period. Value indices were also beneficiaries of rising oil and natural gas prices as value-based benchmarks have higher allocations to the Energy sector. Mid cap value stocks were the best performers across the value spectrum, returning 4.8% during the period, followed by large cap value (4.6%) and small cap value (4.3%) stocks respectively. However, across the growth spectrum, small cap growth stocks (3.2%) were the best performers followed by mid cap growth stocks (1.6%). The Russell 1000 Growth Index, representing large cap stocks, had the weakest performance returning 0.6% for the quarter. Style trends are mixed over the 1-year period. The Russell Midcap Value Index was the best performer (3.2%), and the Russell 2000 Growth Index was the worst performer (-10.8%).
- From a valuation perspective, equity valuations appear stretched relative to historical levels based on their forward Price/Earnings ratios (P/E). The large growth, mid growth, and small value indices have valuation levels close to their respective historical average, while the remaining indices fall between 106% and 114% of their 15-year averages.







- Large cap sector performance was generally positive for the 2nd guarter with all but two sectors within the Russell 1000 Index posting gains for the period. The Consumer Discretionary and Technology sectors were the quarter's only laggards returning -1.4% and -2.2% respectively. Defensive and interest rate sensitive sectors of the market continue to perform well as investors attempt to proxy dividend income as a substitute for paltry investment grade bond yields due to the persistent low interest rate environment. Utilities, Telecom Services, and Consumer Staples all posted strong quarterly returns. These three sectors are also the only sectors to post double-digit returns over the past year, outperforming all other sectors in the Russell 1000 Index by a considerable margin. The Energy sector was a notable performer during the quarter, returning 11.1% due to increasing oil and natural gas prices. Supply disruptions in Canada and Nigeria, paired with a decrease in production from U.S. shale producers, contributed to reduced global supply, which drove energy prices higher. Despite a favorable quarter, Energy returns over the 1-year period continue to represent the weakest sector with a return of -6.9%. Materials (-1.3%), Health Care (-3.7%) and Financials (-2.7%) also posted negative results over the prior year.
- Similar to large cap sector results, small cap sector performance was largely positive for the quarter. In addition, small cap sector performance generally outpaced corresponding large cap sector results. Performance in large and small cap sectors also had similar observable trends. Higher yielding, defensive sectors and commodity price sensitive industries were the best performers during the 2nd quarter. In contrast, over the 1-year period, all Russell 2000 Index sectors underperformed their corresponding Russell 1000 Index sectors with the exception of the Financials sector. The Energy (-38.3%), Health Care (-21.3%), and Consumer Discretionary (-14.2%) sectors were the largest detractors over the 1-year period. Like the large cap index, Consumer Staples (11.5%), Telecom Services (19.0%), and Utilities (30.1%) significantly outperformed other sectors.
- 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 Technology and Health Care sectors were trading at the largest discount to their long-term average P/E ratios. In contrast, the 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 Return	1-Year Return	Sector		
Apple Inc	2.58%	-11.7%	-22.2%	Information Technology		
Exxon Mobil Corp	1.91%	13.1%	16.8%	Energy		
Microsoft Corp	1.91%	-6.7%	19.1%	Information Technology		
Johnson & Johnson	1.64%	12.9%	28.2%	Health Care		
General Electric Co	1.43%	-0.2%	22.3%	Industrials		
Amazon.com Inc	1.37%	20.5%	64.9%	Consumer Discretionary		
Berkshire Hathaway Inc B	1.35%	2.1%	6.4%	Financials		
AT&T Inc	1.31%	11.7%	28.4%	Telecommunication Services		
Facebook Inc A	1.26%	0.2%	33.2%	Information Technology		
Verizon Communications Inc	1.12%	4.3%	25.6%	Telecommunication Services		

Top 10 Weighted Stocks					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Olin Corp	0.25%	44.3%	-3.8%	Materials	
Idacorp Inc	0.25%	9.8%	49.2%	Utilities	
Portland General Electric Co	0.24%	12.6%	37.4%	Utilities	
Gramercy Property Trust	0.24%	9.1%	21.7%	Financials	
Curtiss-Wright Corp	0.23%	11.5%	17.1%	Industrials	
Southwest Gas Corp	0.23%	20.3%	52.1%	Utilities	
Microsemi Corp	0.23%	-14.7%	-6.5%	Information Technology	
Healthcare Realty Trust Inc	0.22%	14.4%	57.2%	Financials	
Medical Properties Trust Inc	0.22%	19.0%	24.8%	Financials	
WGL Holdings Inc	0.22%	-1.5%	34.5%	Utilities	

Top 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
LinkedIn Corp Class A	0.11%	65.5%	-8.4%	Information Technology		
Denbury Resources Inc	0.00%	61.7%	-42.6%	Energy		
ONEOK Inc	0.05%	61.7%	29.8%	Energy		
Rice Energy Inc	0.01%	59.8%	11.4%	Energy		
Memorial Resource Development Corp	0.01%	56.0%	-16.3%	Energy		
Southwestern Energy Co	0.02%	55.9%	-44.7%	Energy		
Zillow Group Inc C	0.02%	52.9%	N/A	Information Technology		
Yelp Inc Class A	0.01%	52.7%	-29.4%	Information Technology		
Continental Resources Inc	0.02%	49.1%	6.8%	Energy		
Tahoe Resources Inc	0.02%	48.7%	26.1%	Materials		

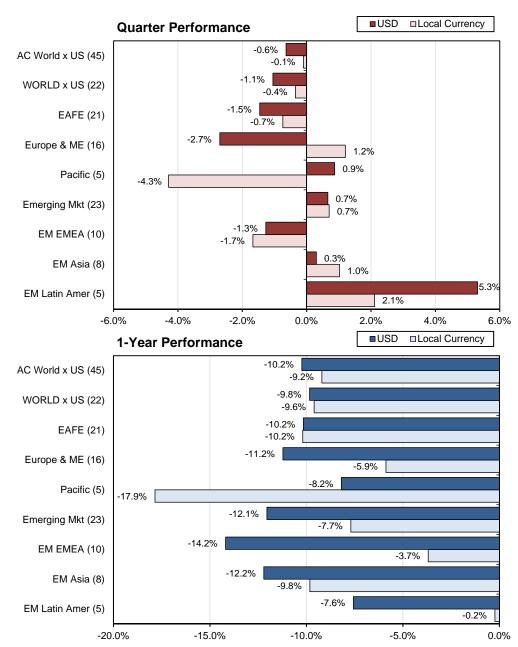
Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight 1-Qtr Return		1-Year Return	Sector		
Magnum Hunter Resources Corporation	0.00%	309559.2%	628.6%	Energy		
Ultra Petroleum Corp	0.00%	253.4%	-85.9%	Energy		
Ryerson Holding Corp	0.01%	214.7%	92.3%	Materials		
Clayton Williams Energy Inc	0.01%	207.8%	-58.2%	Energy		
Fairmount Santrol Holdings Inc	0.03%	207.2%	-5.9%	Energy		
Celator Pharmaceuticals Inc	0.06%	173.6%	1247.3%	Health Care		
EZCORP Inc	0.02%	154.5%	1.7%	Financials		
North Atlantic Drilling Ltd	0.00%	146.0%	-43.4%	Energy		
Eclipse Resources Corp	0.01%	131.9%	-36.5%	Energy		
Radio One Inc Class D	0.00%	124.6%	0.6%	Consumer Discretionary		

Bottom 10 Performing Stocks (by Quarter)					
Russell 1000	Weight 1-Qtr 1-Year Seturn Return		Sector		
SunEdison Inc	0.00%	-73.8%	-99.5%	Information Technology	
Cobalt International Energy Inc	0.00%	-54.9%	-86.2%	Energy	
Office Depot Inc	0.00%	-53.4%	-61.8%	Consumer Discretionary	
LendingClub Corp	0.00%	-48.2%	-70.8%	Financials	
Endo International PLC	0.02%	-44.6%	-80.4%	Health Care	
Ionis Pharmaceuticals Inc	0.01%	-42.5%	-59.5%	Health Care	
Square Inc A	0.00%	-40.8%	N/A	Information Technology	
CVR Energy Inc	0.00%	-39.1%	-55.9%	Energy	
Fossil Group Inc	0.00%	-35.8%	-58.9%	Consumer Discretionary	
VeriFone Systems Inc	0.01%	-34.3%	-45.4%	Information Technology	

Bottom 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Code Rebel Corp	0.00%	-98.9%	-99.8%	Information Technology	
Energy XXI Ltd	0.00%	-92.8%	-98.3%	Energy	
Seventy Seven Energy Inc	0.00%	-84.1%	-97.9%	Energy	
Fairway Group Holdings Corp A	0.00%	-81.5%	-98.2%	Consumer Staples	
The JG Wentworth Co Class A	0.00%	-79.1%	-97.2%	Financials	
Infinity Pharmaceuticals Inc	0.00%	-74.8%	-87.9%	Health Care	
Mirati Therapeutics Inc	0.00%	-74.5%	-82.7%	Health Care	
TransEnterix Inc	0.01%	-71.3%	-59.3%	Health Care	
Lipocine Inc	0.00%	-70.0%	-64.6%	Health Care	
Chiasma Inc	0.00%	-68.4%	N/A	Health Care	



- Similar to domestic equity markets, the 2nd quarter was volatile for international stocks as broad developed market indices struggled throughout the quarter. Currency impact on returns was mixed during the quarter with the EM Latin America Index benefiting from a weakening USD, and the Europe and Middle East Index suffering from USD strength. For the 1-year period, returns for developed markets were negative in both USD and local currency. While the quarter began positively as markets pushed higher on the back of better than expected economic data and rising commodity prices, the second half of the quarter saw international markets swoon. Much of this was due to uncertainty leading up to the U.K.'s June 23rd referendum to remain in or move to leave the EU. British voters surprised investors by voting to discontinue membership in the economic bloc. While the terms and aggregate impact of "Brexit" will remain unknown for some time, the reaction to the vote was immediate. The pound sterling fell sharply (-12%), Standard & Poor's downgraded the U.K.'s AAA credit rating, and U.K. Prime Minister David Cameron resigned. While U.K. equity markets initially suffered sharp losses, markets recovered quickly as investors weighted the benefits of a weakened pound on the country's largely foreign earnings base.
- The U.K.'s decision to leave the EU cast a shadow over European equities for the quarter despite the region's generally positive economic data. While the European Central Bank (ECB) has signaled its intent for continued support, the EU faces concerns surrounding "Brexit's" effect on future growth, as well as a political contagion that could lead other members to leave the economic union. Japanese equities fell sharply through the quarter as the Bank of Japan (BoJ) bucked market expectations when they did not announce an extension to its negative interest rate policy or asset purchase program. The subsequent "Brexit" decision led to a sharp appreciation in the yen, raising additional concerns around future earnings growth potential for Japanese equities.
- Broad emerging market indices were modestly positive throughout the quarter, outperforming developed markets. Latin America was the best performing region on both a USD and local currency basis as the region benefitted from political tailwinds in Brazil and rising commodity prices. Russia, India, and the Philippines were also notable positive performers. Emerging European countries were laggards relative to emerging peers in Asia and Latin America. Performance for the MSCI Emerging Markets Index (net) remains negative in both local (-7.7%) and USD (-12.1%) terms over the trailing 1-year period.



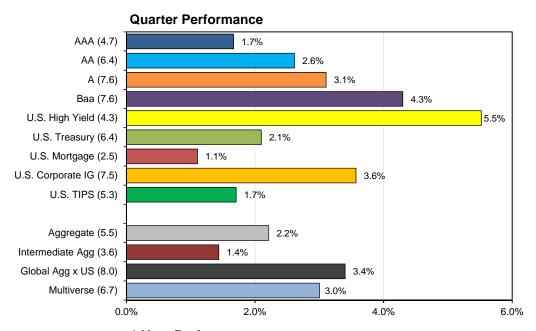


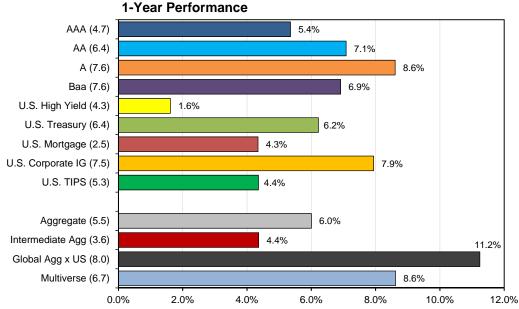
MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.1%	-8.4%	-17.7%
Consumer Staples	13.3%	2.9%	10.1%
Energy	5.2%	11.3%	-2.4%
Financials	22.3%	-6.6%	-23.2%
Health Care	12.4%	4.7%	-2.2%
Industrials	13.3%	-1.5%	-5.4%
Information Technology	5.4%	-2.7%	-8.0%
Materials	6.9%	1.2%	-15.7%
Telecommunication Services	5.2%	-0.3%	-3.7%
Utilities	3.9%	1.6%	-0.2%
Total	100.0%	-1.5%	-10.2%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.3%	-6.9%	-15.9%
Consumer Staples	11.6%	2.8%	7.5%
Energy	6.9%	8.1%	-5.7%
Financials	24.4%	-4.3%	-19.9%
Health Care	9.4%	4.3%	-6.5%
Industrials	11.3%	-1.8%	-7.2%
Information Technology	9.0%	0.1%	-5.3%
Materials	7.1%	3.1%	-12.1%
Telecommunication Services	5.3%	-0.2%	-6.9%
Utilities	3.6%	1.5%	-2.0%
Total	100.0%	-0.6%	-10.2%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.5%	-1.4%	-10.5%
Consumer Staples	8.5%	4.2%	-3.6%
Energy	7.5%	1.9%	-12.7%
Financials	26.1%	0.3%	-17.8%
Health Care	2.7%	0.4%	-7.5%
Industrials	6.2%	-3.3%	-19.0%
Information Technology	22.5%	2.5%	-4.0%
Materials	6.3%	-0.8%	-9.5%
Telecommunication Services	6.6%	-0.1%	-15.6%
Utilities	3.2%	0.5%	-10.0%
Total	100.0%	0.7%	-12.1%

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	23.3%	16.4%	1.0%	-8.9%
United Kingdom	19.6%	13.8%	-0.7%	-12.1%
France	9.6%	6.8%	-4.3%	-8.9%
Switzerland	9.3%	6.6%	2.0%	-8.5%
Germany	8.7%	6.1%	-5.6%	-11.6%
Australia	7.3%	5.1%	0.5%	-4.5%
Hong Kong	3.3%	2.3%	0.9%	-10.8%
Netherlands	3.2%	2.2%	-5.1%	-7.8%
Spain	2.9%	2.1%	-7.7%	-23.3%
Sweden	2.8%	2.0%	-5.4%	-12.2%
Denmark	2.0%	1.4%	-0.6%	2.5%
Italy	2.0%	1.4%	-10.5%	-26.1%
Belgium	1.5%	1.1%	2.3%	4.5%
Singapore	1.4%	1.0%	0.4%	-11.5%
Finland	1.0%	0.7%	-2.1%	-3.9%
Israel	0.8%	0.6%	-3.8%	-11.1%
Norway	0.6%	0.5%	2.4%	-16.2%
Ireland	0.5%	0.3%	-9.9%	-10.5%
New Zealand	0.2%	0.1%	5.9%	29.7%
Austria	0.2%	0.1%	-10.0%	-12.9%
Portugal	0.2%	0.1%	-2.8%	-7.5%
Total EAFE Countries	100.0%	70.6%	-1.5%	-10.2%
Canada	100.0%		3.4%	-6.3%
Total Developed Countries		6.8% 77.4%	-1.1%	-9.8%
China		5.8%	**	-9.6%
Korea			0.1% -1.2%	
		3.3%		-3.5%
Taiwan		2.7%	0.7%	-8.8%
India		1.9%	3.7%	-6.5%
South Africa		1.7%	1.6%	-15.9%
Brazil		1.6%	13.9%	-6.0%
Mexico		0.9%	-7.0%	-12.2%
Russia		0.9%	4.1%	-1.6%
Malaysia		0.7%	-5.9%	-6.0%
Indonesia		0.6%	4.1%	6.0%
Thailand		0.5%	2.8%	-7.1%
Philippines		0.4%	5.8%	1.0%
Turkey		0.3%	-7.9%	-10.1%
Chile		0.3%	1.9%	-1.7%
Poland		0.3%	-17.5%	-27.0%
Qatar		0.2%	-4.9%	-17.2%
United Arab Emirates		0.2%	0.1%	-14.9%
Colombia		0.1%	2.9%	-12.4%
Peru		0.1%	18.2%	8.3%
Greece		0.1%	-14.0%	-60.8%
Hungary		0.1%	-4.7%	20.5%
Czech Republic		0.0%	-6.1%	-18.3%
Egypt		0.0%	0.9%	-23.8%
Lgypt				
Total Emerging Countries		22.6%	0.7%	-12.1%



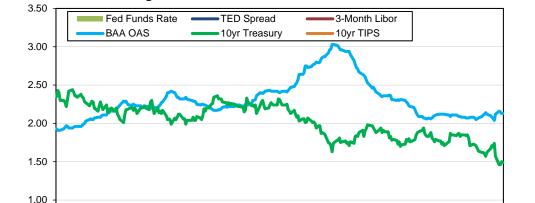
- Despite being investors' least favorite asset class for some time, fixed income indices continued their strong 2016 performance through the 2nd quarter of the year. Early quarter headwinds triggered by hawkish comments from Federal Reserve Chair Janet Yellen implying a summer interest rate hike dissipated as weaker economic data created doubts that the economy was robust enough to warrant further monetary policy tightening. Expectations for a near-term increase of the Fed Funds Rate shrank further after the U.K.'s vote to leave the EU. This news caused a swift flight to quality, pushing interest rates lower through the second half of the guarter. While near-term rates had little room to move lower, longterm rates fell to near historic lows. This curve flattening helped longer duration indices such as the Barclays U.S. Corporate Investment Grade Index and the Barclays Global Aggregate ex U.S. Index to outperform, returning 3.6% and 3.4% respectively. Fixed income performance for the 1-year period was also positive across the country, credit, and sector spectrums with international bond indices, such as the Barclays Global Aggregate ex U.S. (11.2%) and the Barclays Multiverse (8.6%), generating the highest returns
- U.S. investment grade bond indices posted gains for the quarter with the broad market Barclays Aggregate Index posting a return of 2.2%. Higher duration index sectors within the Aggregate outperformed lower duration sectors with investment grade corporates (3.6%) and Treasury securities (2.1%) posting the largest gains. Hurt by its relatively low duration, the Barclays U.S. Mortgage Index performed the worst for the second quarter in a row, returning 1.1%. Over the 1-year period, the Aggregate has returned an expectation defying 6.0%. Similar to the quarterly results, investment grade corporates and Treasuries outperformed mortgages for the period.
- Lower credit quality issues outperformed higher quality securities during the 2nd quarter. Baa rated securities returned 4.3% versus a return of 1.7% for AAA issues due to higher average durations and the compression of interest rate credit spreads throughout the quarter. Driven by this spread compression, high yield bonds were the best performers with the Barclays U.S. High Yield Index returning 5.5%. Despite its strong start to 2016, the Barclays U.S. High Yield Index is only marginally positive over the last 12 months with a return of 1.6%.





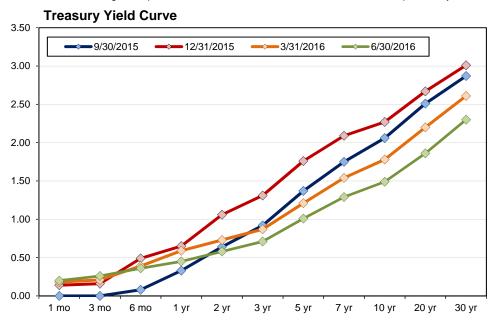


- U.S. TIPS finished the 2nd quarter with a 1.7% return. The relatively strong return can be attributed to the longer end of the TIPS yield curve shifting lowering during the period as headline CPI (1.1%) remains largely in check. The TIPS return for the 1-year period is a solid 4.4%.
- In USD terms, international fixed income indices posted the largest gains for both the quarter and 1-year periods. Despite the relatively low interest rates in international markets, with several government issues having negative yields, the Barclays Global Aggregate ex U.S. returned 3.4% for the quarter as the index benefitted from its higher average duration and mixed currency impact. The index's 11.2% return over the 1-year period also outpaced domestic bond returns.
- Much of the index performance detailed in the bar graphs on the previous page is visible on a time series basis by reviewing the line graphs to the right. The '1-Year Trailing Market Rates' chart illustrates that the 10-year Treasury yield (green line) fell over the quarter and is now at a 12-month low. 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 widen (tighten), it is equivalent to interest rate increases (decreases) on corporate bond returns. After falling below 2.0% early in 2015, this spread rose throughout the remainder of the calendar year. While there was upside momentum in credit spreads early in 2016, they have narrowed by close to 1% since their high on February 11th. Despite an uptick from "Brexit" during June, this spread compression has benefited corporate bond returns. The lower graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters. Treasury issues greater than two years ended the 2nd quarter at their lowest levels in the past 12-months while short-term rates are at the high end of their 12-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 downward pressure on how high domestic interest rates will rise in the short-term.



1-Year Trailing Market Rates

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





Our Mission

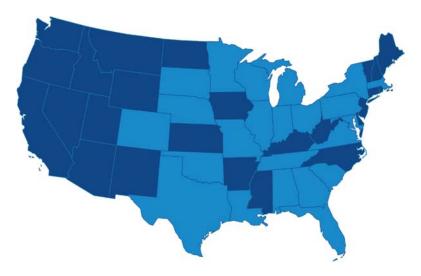
To represent the sole interest of our clients by redefining independence.

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26 ADVANCED DEGREES

15 CFAs

2 CIPMs

3 CAIAs

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billion AUA



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- Investment policy statement development
- Strategic asset allocation
- Manager / Strategy Evaluation
- Investment Manager Due Diligence
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- · Quarterly Economic Summary
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- Client Education
- Spending policy review and development
- Vendor search & fee negotiations
- Distribution and management of open RFPs where required
- Custodian Evaluation
- Interpretation and assistance in asset/liability reports

Defined Contribution Consulting Services

- Design, Distribute, Collect and Evaluate RFP responses for Recordkeeping and Administration Services
- Facilitate the Vendor Selection Process and Interviews
- Assist with provider scope of work definition, negotiation of fees and contracts
- Investment Policy Development and Review
- Manager/Strategy Evaluation
- Plan Level Fee Analysis
- Board/Investment Committee Education
- Fund Evaluation and Recommendations
- Review Employee Education Strategy for fit with Demographics and Plan Goals
- Provide Guidance for Defined Contribution Strategies and Investment Decisions

Client Service Support

The Bogdahn Group's resources include dedicated teams comprised of:

- 34 Investment Consultants
- 8 Research Analysts
- 7 Internal Consultants
- 11 Performance Measurement Analysts
- 3 Information Technology Experts

The Bogdahn Group also has a dedicated management team consisting of professionals in compliance, finance, operations, and consulting services further supporting each department and ultimately each client.

SERVICE MODEL



Investment Databases

Our firm utilizes some of the most robust and deep databases that are available to investment consultants. These include Bloomberg, InvestmentMetrics PARis, eVestment Alliance, Zephyr StyleADVISOR, Morningstar Direct, etc.

Retirement Plans

- Public Funds - - Taft-Hartley - - Corporations -

Endowment & Foundations



1 Quarter Ending June 30, 2016

1 Quarter				
	Market Value 04/01/2016	Net Flows	Return On Investment	Market Value 06/30/2016
Total Fund	35,714,048	886,544	304,893	36,905,485
Total Domestic Equity	15,461,790	-600,000	134,505	14,996,295
Diamond Hill	6,786,983	-300,000	82,482	6,569,465
T Rowe Price	7,015,051	-300,000	8,309	6,723,360
Acorn	1,659,756	-	43,714	1,703,470
Total International Equity				
MFS	3,803,990	-	-47,360	3,756,630
Real Estate				
Cornerstone	1,169,609	-3,216	20,570	1,186,963
Total Fixed Income				
Ziegler	13,619,721	600,000	195,015	14,414,736
Cash	1,658,939	889,760	2,163	2,550,862



Fiscal Year To Date				
	Market Value 01/01/2016	Net Flows	Return On Investment	Market Value 06/30/2016
Total Fund	35,272,170	1,545,761	87,554	36,905,485
Total Domestic Equity	15,913,482	-600,000	-317,187	14,996,295
Diamond Hill	6,709,187	-300,000	160,279	6,569,465
T Rowe Price	7,497,773	-300,000	-474,413	6,723,360
Acorn	1,706,522	-	-3,052	1,703,470
Total International Equity				
MFS	3,894,922	-	-138,292	3,756,630
Real Estate				
Cornerstone	1,139,118	-6,349	54,194	1,186,963
Total Fixed Income				
Ziegler	13,328,688	600,000	486,049	14,414,736
Cash	995,961	1,552,110	2,791	2,550,862



1 Ye	ar Endin	g June	30, 2016

1 Year				
	Market Value 07/01/2015	Net Flows	Return On Investment	Market Value 06/30/2016
Total Fund	35,632,773	1,385,035	-112,322	36,905,485
Total Domestic Equity	15,980,635	-600,000	-384,340	14,996,295
Diamond Hill		·	·	
T Rowe Price	6,889,597 7,242,590	-300,000 -300,000	-20,132 -219,230	6,569,465 6,723,360
Acorn	1,848,447	-300,000	-144,978	1,703,470
Total International Equity				
MFS	4,175,507	-	-418,877	3,756,630
Real Estate				
Cornerstone	1,065,153	-12,318	134,128	1,186,963
Total Fixed Income				
Ziegler	13,261,147	600,000	553,590	14,414,736
Cash	1,150,332	1,397,354	3,176	2,550,862

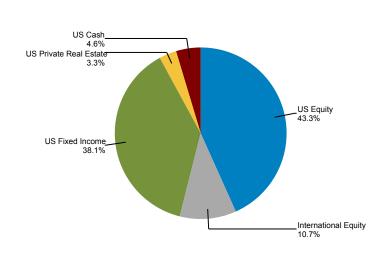


Asset Allocation Attribute												
	Domestic		Internation	al Equity	Domestic Fix		Real Es		Cash Equivalent		Total F	und
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Fund	14,996,295	40.6	3,756,630	10.2	13,783,772	37.3	1,186,963	3.2	3,181,826	8.6	36,905,485	100.0
Total Domestic Equity	14,996,295	100.0	-	-	-	-	-	-	-	-	14,996,295	40.6
Diamond Hill	6,569,465	100.0	-	-	-	-	-	-	-	-	6,569,465	17.8
T Rowe Price	6,723,360	100.0	-	-	-	-	-	-	-	-	6,723,360	18.2
Acorn	1,703,470	100.0	-	-	-	-	-	-	-	-	1,703,470	4.6
Total International Equity	•											
MFS	-	-	3,756,630	100.0	-	-	-	-	-	-	3,756,630	10.2
Real Estate												
Cornerstone	-	-	-	-	-	-	1,186,963	100.0	-	-	1,186,963	3.2
Total Fixed Income												
Ziegler	-	-	-	-	13,783,772	95.6	-	-	630,964	4.4	14,414,736	39.1
Cash	-	-	-	-	-	-	-	-	2,550,862	100.0	2,550,862	6.9



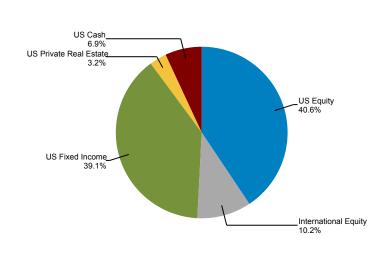
As of June 30, 2016

March 31, 2016 : \$35,714,048



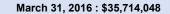
Allocation		
	Market Value	Allocation
■ US Equity	15,461,790	43.3
International Equity	3,803,990	10.7
■ US Fixed Income	13,619,721	38.1
US Private Real Estate	1,169,609	3.3
■ US Cash	1,658,939	4.6

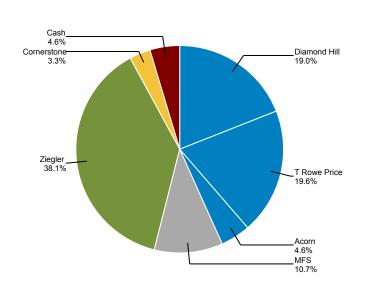
June 30, 2016 : \$36,905,485



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	

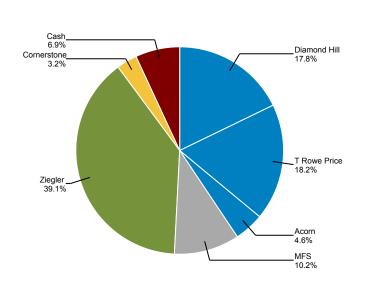






	Market Value	Allocation
Diamond Hill	6,786,983	19.0
T Rowe Price	7,015,051	19.6
Acorn	1,659,756	4.6
■ MFS	3,803,990	10.7
Ziegler	13,619,721	38.1
Cornerstone	1,169,609	3.3
Cash	1,658,939	4.6

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	
Cornerstone	1,186,963	3.2	
■ Cash	2,550,862	6.9	
	·		



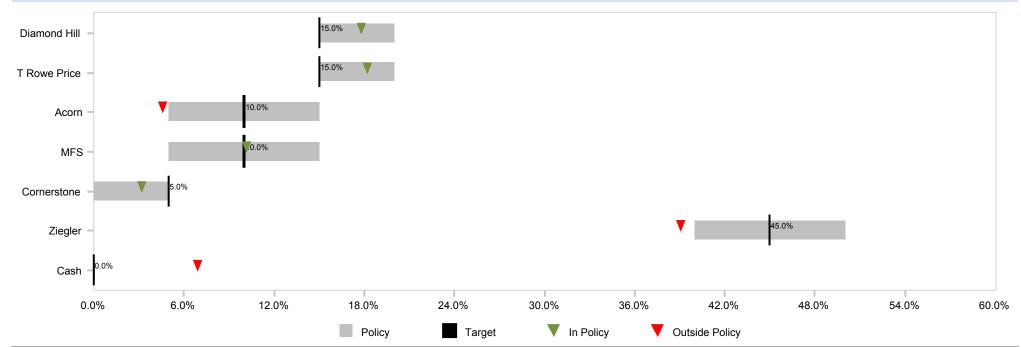
	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Total Fund	36,905,485	100.0		100.0		-	0.0
Total Domestic Equity	14,996,295	40.6	35.0	40.0	55.0	-234,101	0.6
Total International Equity	3,756,630	10.2	5.0	10.0	15.0	-66,081	0.2
Total Real Estate	1,186,963	3.2	0.0	5.0	10.0	658,312	-1.8
Total Domestic Fixed Income	14,414,736	39.1	40.0	45.0	55.0	2,192,732	-5.9
Cash	2,550,862	6.9	0.0	0.0	5.0	-2,550,862	6.9

Allocation Summary 40.0% Total Domestic Equity 10.0% **Total International Equity** Total Real Estate Total Domestic Fixed Income 45.0% \blacksquare Cash 0.0% 0.0% 8.0% 16.0% 24.0% 32.0% 40.0% 48.0% 56.0% 64.0% 72.0% Policy Target ▼ In Policy V Outside Policy



Asset Allocation Compliance							
	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Total Fund	36,905,485	100.0		100.0		-	0.0
Total Fund Without Cash	34,354,624	93.1		100.0		2,550,862	-6.9
Total Equity	18,752,925	50.8		50.0		-300,182	0.8
Total Domestic Equity	14,996,295	40.6		40.0		-234,101	0.6
Diamond Hill	6,569,465	17.8	15.0	15.0	20.0	-1,033,643	2.8
T Rowe Price	6,723,360	18.2	15.0	15.0	20.0	-1,187,537	3.2
Acorn	1,703,470	4.6	5.0	10.0	15.0	1,987,079	-5.4
Total International Equity	3,756,630	10.2		10.0		-66,081	0.2
MFS	3,756,630	10.2	5.0	10.0	15.0	-66,081	0.2
Total Real Estate	1,186,963	3.2		5.0		658,312	-1.8
Cornerstone	1,186,963	3.2	0.0	5.0	5.0	658,312	-1.8
Total Fixed Income	14,414,736	39.1		45.0		2,192,732	-5.9
Total Domestic Fixed Income	14,414,736	39.1		45.0		2,192,732	-5.9
Ziegler	14,414,736	39.1	40.0	45.0	50.0	2,192,732	-5.9
Cash	2,550,862	6.9	0.0	0.0	0.0	-2,550,862	6.9

Allocation Summary





Comparative Performance										
	Q	TR	FY	TD	1 `	r	3 `	YR	5	YR
Total Fund	0.83	(94)	0.13	(99)	-0.37	(65)	6.04	(62)	6.33	(53)
Total Fund Policy	1.74	(50)	3.00	(42)	2.11	(21)	6.83	(39)	7.06	(31)
All Master Trust - Total Fund Median	1.73		2.70		0.45		6.43		6.40	
Total Fund Without Cash	0.89	(93)	0.25	(99)	-0.28	(63)	6.28	(54)	6.57	(44)
All Master Trust - Total Fund Median	1.73		2.70		0.45		6.43		6.40	
Total Fund	0.83	(94)	0.13	(99)	-0.37	(62)	6.04	(76)	6.33	(63)
Total Fund Policy	1.74	(57)	3.00	(37)	2.11	(12)	6.83	(47)	7.06	(34)
All Public Plans-Total Fund Median	1.81		2.56		0.26		6.72		6.64	
Total Domestic Equity	0.81	(N/A)	-2.05	(N/A)	-2.46	(N/A)	8.80	(N/A)	9.62	(N/A)
Russell 3000 Index	2.63	(N/A)	3.62	(N/A)	2.14	(N/A)	11.13	(N/A)	11.60	(N/A)
All Master Trust-US Equity Segment Median	N/A	, ,	N/A	,	N/A	, ,	N/A	,	N/A	
Diamond Hill	1.19	(83)	2.36	(55)	-0.32	(41)	N/A		N/A	
Russell 1000 Value Index	4.58	(8)	6.30	(13)	2.86	(17)	9.87	(14)	11.35	(9)
IM U.S. Large Cap Value Equity (MF) Median	2.54		2.79		-1.37		8.06		9.45	
T Rowe Price	0.01	(60)	-6.43	(91)	-3.13	(66)	N/A		N/A	
Russell 1000 Growth Index	0.61	(42)	1.36	(9)	3.02	(9)	13.07	(17)	12.35	(12)
IM U.S. Large Cap Growth Equity (MF) Median	0.31		-2.17		-1.57		11.46		10.38	
Acorn	2.63	(48)	-0.18	(88)	-7.84	(78)	5.46	(79)	N/A	
Russell 2500 Index	3.57	(27)	3.98	(48)	-3.67	(40)	8.61	(24)	9.48	(23)
Russell 2500 Growth Index	2.70	(47)	-0.03	(88)	-7.69	(77)	9.06	(18)	9.27	(28)
IM U.S. SMID Cap Core Equity (MF) Median	2.54		3.82		-4.85		7.30		8.01	
Total International Equity										
MFS	-1.25	(54)	-3.55	(52)	-10.03	(44)	2.67	(27)	2.93	(13)
MSCI EAFE (net) Index	-1.46	(59)	-4.42	(67)	-10.16	(46)	2.06	(43)	1.68	(34)
IM International Core Equity (MF) Median	-1.11		-3.47		-10.36		1.81		1.19	
Real Estate										
Cornerstone	1.76	(100)	4.76	(54)	12.64	(39)	N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	2.18	(71)	4.67	(70)	12.19	(73)	13.00	(59)	12.67	(66)
IM U.S. Open End Private Real Estate (SA+CF) Median	2.54		4.89		12.55		13.29		13.16	, ,



Comparative Performance Total Fund As of June 30, 2016

	Q.	TR	FYTD		1 YR		3 YR		5 YR	
Total Fixed Income										
Ziegler	1.39	(73)	3.61	(76)	4.14	(72)	3.30	(43)	3.46	(33)
BC Intermed Agg (as of 3-14) / BC Agg	1.44	(69)	3.78	(65)	4.36	(57)	3.35	(40)	3.33	(43)
IM U.S. Intermediate Duration (SA+CF) Median	1.57		3.94		4.45		3.21		3.22	
Cash	0.08		0.14		0.17		0.08		0.09	
90 Day U.S. Treasury Bill	0.06		0.12		0.13		0.07		0.07	



Comparative Performance																
	Jun-	-2016	Jun-	2015	Jun-	2014	Jun-	2013	Jun-	2012	Jun-	2011	Jun-	2010	Jun-	2009
Total Fund	-0.37	(65)	4.91	(12)	14.07	(81)	10.42	(69)	3.24	(21)	18.13	(73)	7.38	(95)	0.36	(36)
Total Fund Policy	2.11	(21)	3.91	(27)	14.92	(74)	10.82	(64)	4.09	(15)	18.92	(66)	12.35	(54)	0.35	(37)
All Master Trust - Total Fund Median	0.45		2.71		16.38		11.74		1.09		20.34		12.57		0.22	
Total Fund Without Cash	-0.28	(63)	5.03	(10)	14.62	(77)	10.78	(65)	3.36	(20)	20.50	(49)	13.92	(30)	0.76	(15)
All Master Trust - Total Fund Median	0.45		2.71		16.38		11.74		1.09		20.34		12.57		0.22	
Total Fund	-0.37	(62)	4.91	(16)	14.07	(94)	10.42	(81)	3.24	(9)	18.13	(87)	7.38	(98)	0.36	(29)
Total Fund Policy	2.11	(12)	3.91	(38)	14.92	(87)	10.82	(76)	4.09	(5)	18.92	(80)	12.35	(52)	0.35	(29)
All Public Plans-Total Fund Median	0.26		3.44		16.88		12.20		1.00		21.06		12.46		0.16	
Total Domestic Equity	-2.46	(N/A)	9.45	(6)	20.65	(86)	18.25	(85)	3.94	(23)	34.22	(29)	14.13	(83)	1.03	(12)
Russell 3000 Index	2.14	(N/A)	7.29	(40)	25.22	(36)	21.46	(57)	3.84	(25)	32.37	(53)	15.72	(66)	0.34	(54)
All Master Trust-US Equity Segment Median	N/A		6.68		24.50		21.84		1.91		32.49		16.51		0.37	
Diamond Hill	-0.32	(41)	6.57	(9)	N/A		N/A		N/A		N/A		N/A		N/A	
Russell 1000 Value Index	2.86	(17)	4.13	(53)	23.81	(28)	25.32	(39)	3.01	(18)	28.94	(37)	16.92	(15)	-0.74	(69)
IM U.S. Large Cap Value Equity (MF) Median	-1.37		4.27		22.38		24.51		0.41		27.95		12.87		-0.40	
T Rowe Price	-3.13	(66)	13.31	(19)	N/A		N/A		N/A		N/A		N/A		N/A	
Russell 1000 Growth Index	3.02	(9)	10.56	(53)	26.92	(44)	17.07	(31)	5.76	(16)	35.01	(28)	13.62	(26)	1.12	(26)
IM U.S. Large Cap Growth Equity (MF) Median	-1.57		10.75		26.54		15.89		2.17		32.67		11.46		0.55	
Acorn	-7.84	(78)	4.69	(55)	21.56	(81)	N/A		N/A		N/A		N/A		N/A	
Russell 2500 Index	-3.67	(40)	5.92	(38)	25.58	(29)	25.61	(35)	-2.29	(25)	39.28	(29)	24.03	(37)	1.13	(32)
Russell 2500 Growth Index	-7.69	(77)	11.30	(2)	26.26	(21)	24.03	(55)	-3.19	(44)	44.71	(4)	21.44	(62)	2.34	(11)
IM U.S. SMID Cap Core Equity (MF) Median	-4.85		5.16		24.34		24.43		-3.68		37.14		22.56		0.62	
Total International Equity																
MFS	-10.03	(44)	-0.40	(14)	20.79	(62)	18.04	(40)	-9.57	(10)	35.75	(10)	26.45	(1)	0.00	(13)
MSCI EAFE (net) Index	-10.16	(46)	-4.22	(58)	23.57	(26)	18.62	(29)	-13.83	(39)	30.36	(67)	5.92	(54)	-0.57	(24)
IM International Core Equity (MF) Median	-10.36		-3.88		21.81		17.33		-14.38		31.16		6.33		-1.19	
Real Estate																
Cornerstone	12.64	(39)	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	12.19	(73)	14.52	(62)	12.30	(78)	11.84	(55)	12.52	(58)	20.37	(52)	-7.67	(47)	N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median	12.55		15.11		13.64		13.05		13.09		21.00		-8.06		N/A	



Comparative Performance Total Fund 1 Year Ending

	Jun-	2016	Jun-	2015	Jun-	2014	Jun-	2013	Jun-2	2012	Jun-	2011	Jun-	2010	Jun-	2009
Total Fixed Income																
Ziegler	4.14	(72)	1.29	(92)	4.51	(21)	0.32	(72)	7.20	(9)	4.87	(25)	9.25	(49)	0.54	(70)
BC Intermed Agg (as of 3-14) / BC Agg	4.36	(57)	1.89	(36)	3.81	(40)	-0.69	(97)	7.47	(7)	3.90	(67)	9.50	(45)	0.57	(69)
IM U.S. Intermediate Duration (SA+CF) Median	4.45		1.76		3.61		0.78		5.84		4.22		9.21		0.74	
Cash	0.17		0.02		0.06		0.10		0.08		0.11		0.14		0.01	
90 Day U.S. Treasury Bill	0.13		0.03		0.04		0.09		0.04		0.15		0.13		0.00	



Peer Group Analysis - All Master Trust - Total Fund 14.00 28.00 12.00 24.00 10.00 20.00 0 0 8.00 16.00 0 0 0 6.00 12.00 0 Return Return 4.00 8.00 0 0 0 0 2.00 4.00 0 00 0 0.00 0.00 -2.00 -4.00 -4.00 -8.00 -6.00 -12.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR 2015 2014 2013 2012 2011 Total Fund 2.69 (4) 0.83 (94) 0.13 (99) -0.37 (65) 2.23 (36) 6.04 (62) 7.12 (69) 6.33 (53) Total Fund 5.16 (68) 15.75 (50) 11.82 (64) 2.62 (21) Total Fund Policy 1.74 (50) 3.00 (42) 2.11 (21) 3.00 (18) 6.83 (39) 7.81 (51) 7.06 (31) Total Fund Policy 1.28 (14) 6.77 (39) 15.42 (54) 11.09 (75) 3.01 (18) 1.73 2.70 0.45 1.76 6.43 7.83 6.40 -0.47 6.19 12.44 0.33 Median Median 15.74 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending** Ending Ending Ending Ending Ending Mar-2016 Dec-2015 Sep-2015 Jun-2015 Mar-2015 Dec-2014 Total Fund -0.69 (96) 3.33 (20) -3.71 (23) 0.65 (12) 2.54 (32) 2.43 (31) **Total Fund Policy** (43)2.67 (45)-3.45 (20) -0.05 (48)2.22 (52)2.47 (30) 1.24

-5.00

-0.09

2.25



1.82

All Master Trust - Total Fund Median

1.07

2.54

6/16

9/15

3 Yr Rolling Under/Over Performance - 5 Years 20.0 Over Performance (%) 16.0 12.0 8.0 Under Performance 4.0 8.0 12.0 20.0 4.0 16.0 Total Fund Policy (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 75.0

Total Period		5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Total Fund	19	0 (0%)	6 (32%)	11 (58%)	2 (11%)	
 Total Fund Policy 	19	0 (0%)	15 (79%)	4 (21%)	0 (0%)	

3/14

9/14

3/15

9/13

Peer Group Scattergram - 3 Years 7.02 \bigcirc 6.75 6.48 6.21 5.94 5.67 4.08 4.32 4.56 4.80 5.04 5.28 5.52 5.76 6.00 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Pe	er Group So	cattergram -	5 Years					
	7.29							
_	7.02							
%	7.02 = 6.75 = 6.48 =							
etur	6.48 =							
2	6.21 -							
	5.94	1			1			
	6.30	6.65	7.00	7.35	7.70	8.05	8.40	8.75
			F	Risk (Standard I	Deviation %)			

	Return	Standard Deviation
Total Fund	6.04	4.93
Total Fund Policy	6.83	4.36
Median	6.42	5.63

	Return	Standard Deviation
Total Fund	6.33	7.04
 Total Fund Policy 	7.06	6.62
Median	6.39	8.46

Historical Statistics - 3 Years										
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk		
Total Fund	1.61	89.26	89.77	-1.19	-0.45	1.21	1.07	2.22		
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.53	1.00	2.04		

100.0

9/11

3/12

9/12

3/13

Historical Statistics - 5 Years										
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk		
Total Fund	1.34	93.33	100.77	-0.99	-0.50	0.90	1.05	4.08		
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.06	1.00	3.69		



Peer Group Analysis - Master Trust >=45% and <65% Equity 14.00 28.00 12.00 24.00 10.00 20.00 0 0 8.00 16.00 0 0 0 • 6.00 12.00 Return Return 4.00 8.00 0 0 0 0 2.00 4.00 0 0 0 0.00 0.00 -2.00 -4.00 -4.00 -8.00 -6.00 -12.00 QTR **FYTD** 4 YR 2015 1 YR 2 YR 3 YR 5 YR 2014 2013 2012 2011 0.83 (94) 0.13 (99) 6.04 (70) 7.12 (77) 5.16 (72) 15.75 (63) 11.82 (72) 2.62 (13) Total Fund -0.37 (61) 2.23 (37) 6.33 (58) Total Fund 2.69 (3) Total Fund Policy 1.74 (52) 6.83 (40) 7.06 (33) 1.28 (13) 6.77 (41) 15.42 (68) 11.09 (84) 3.00 (36) 2.11 (17) 3.00 (18) 7.81 (55) Total Fund Policy 3.01 (10) Median 1.76 2.56 0.26 1.73 6.59 7.99 6.48 Median -0.40 6.33 16.65 12.76 -0.03 **Comparative Performance**

	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	1 Qtr Ending Dec-2014
Total Fund	-0.69 (98)	3.33 (22)	-3.71 (6)	0.65 (12)	2.54 (32)	2.43 (33)
Total Fund Policy	1.24 (38)	2.67 (57)	-3.45 (5)	-0.05 (54)	2.22 (57)	2.47 (31)
Master Trust >=45% and <65% Equity Median	0.99	2.79	-5.29	0.00	2.30	1.90



3 Yr Rolling Under/Over Performance - 5 Years 20.0 Over Performance Total Fund (%) 16.0 20.0 12.0 8.0 Under Performance 4.0 12.0 20.0 4.0 8.0 16.0 Total Fund Policy (%) Over Performance Under Performance Earliest Date X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 0 0 50.0 75.0 100.0 3/12 9/12 3/13 9/13 9/15 6/16 9/11 3/14 3/15

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Total Fund	19	0 (0%)	2 (11%)	12 (63%)	5 (26%)
 Total Fund Policy 	19	0 (0%)	11 (58%)	8 (42%)	0 (0%)

Peer Group Scattergram - 3 Years 7.02 \bigcirc 6.75 6.48 6.21 5.94 5.67 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 Risk (Standard Deviation %)

Peer Group	Scattergran	ı - 5 Years	5					
7.29								
7.02	0	1						
7.02 – 6.75 – 6.48 – 8 6.21								
6.48							+	
6.21								
5.94	1	1				1		
6.12	6.48	6.84	7.20	7.56	7.92	8.28	8.64	9.00
			Risk (Sta	ndard Deviati	on %)			

	Return	Standard Deviation
Total Fund	6.04	4.93
Total Fund Policy	6.83	4.36
Median	6.59	5.66

	Return	Standard Deviation
Total Fund	6.33	7.04
 Total Fund Policy 	7.06	6.62
Median	6.48	8.50

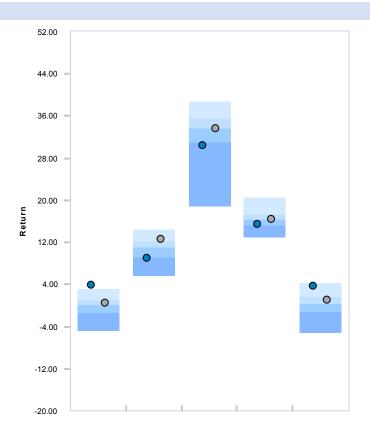
Historical Statistics - 3 Years										
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk		
Total Fund	1.61	89.26	89.77	-1.19	-0.45	1.21	1.07	2.22		
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.53	1.00	2.04		

Historical Statistics - 5 Years										
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk		
Total Fund	1.34	93.33	100.77	-0.99	-0.50	0.90	1.05	4.08		
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.06	1.00	3.69		



Peer Group Analysis - All Master Trust-US Equity Segment

No data found.

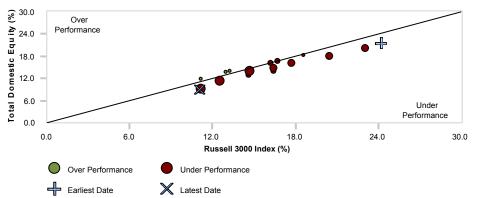


	20	15	20	14	201	13	201	12	201	11
 Total Domestic Equity 	3.89	(4)	9.04	(78)	30.40	(77)	15.44	(73)	3.71	(8)
Russell 3000	0.48	(41)	12.56	(20)	33.55	(52)	16.42	(52)	1.03	(37)
Median	0.14		11.06		33.67		16.45		0.22	

Comparative Performance						
	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr
	Ending	Ending	Ending	Ending	Ending	Ending
	Mar-2016	Dec-2015	Sep-2015	Jun-2015	Mar-2015	Dec-2014
Total Domestic Equity	-2.84 (99)	6.88 (11)	-6.83 (31)	1.42 (5)	2.87 (20)	5.02 (50)
Russell 3000 Index All Master Trust-US Equity Segment Median	0.97 (43)	6.27 (26)	-7.25 (46)	0.14 (58)	1.80 (61)	5.24 (40)
	0.83	5.69	-7.49	0.21	1.92	4.99



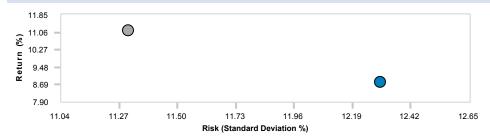
3 Yr Rolling Under/Over Performance - 5 Years



3 Yr Rolling Percentile Ranking - 5 Years

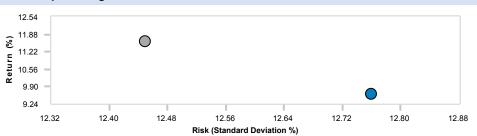
No data found.

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
 Total Domestic Equity 	8.80	12.30
Russell 3000	11.13	11.31
Median	N/A	N/A

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
 Total Domestic Equity 	9.62	12.76
Russell 3000	11.60	12.45
Median	N/A	N/A

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity	3.02	94.03	106.50	-2.60	-0.66	0.74	1.06	7.42
Russell 3000 Index	0.00	100.00	100.00	0.00	N/A	0.99	1.00	6.29

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity	2.58	93.26	101.53	-1.79	-0.68	0.78	1.00	7.69
Russell 3000 Index	0.00	100.00	100.00	0.00	N/A	0.94	1.00	7.26



Standard

Peer Group Analysis - IM U.S. Large Cap Value Equity (MF) 20.00 52.00 16.00 44.00 0 12.00 36.00 0 0 0 8.00 28.00 0 0 4.00 20.00 00 Return Return 0 0 0.00 12.00 -4.00 4.00 0 -8.00 -4.00 -12.00 -12.00 -16.00 -20.00 QTR 2 YR 2015 **FYTD** 1 YR 3 YR 4 YR 5 YR 2014 2013 2012 2011 1.19 (83) Diamond Hill Diamond Hill 2.36 (55) -0.32 (41) 3.07 (20) N/A N/A N/A -0.74 (7) N/A N/A N/A N/A Russell 1000 Value 4.58 (8) 6.30 (13) Russell 1000 Value -3.83 (53) 13.45 (9) 2.86 (17) 3.49 (17) 9.87 (14) 13.54 (13) 11.35 (9) 32.53 (51) 17.51 (23) 0.39 (25) Median 2.54 2.79 -1.37 1.50 8.06 11.77 9.45 Median -3.70 10.88 32.67 15.34 -2.31

Comparative Performance						
	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	1 Qtr Ending Dec-2014
Diamond Hill	1.16 (26)	5.99 (18)	-8.12 (38)	1.79 (9)	0.13 (36)	5.71 (8)
Russell 1000 Value Index	1.64 (20)	5.64 (27)	-8.40 (46)	0.11 (65)	-0.72 (74)	4.98 (23)
IM U.S. Large Cap Value Equity (MF) Median	0.00	5.16	-8.75	0.44	-0.23	4.18



Peer Group Analysis - IM U.S. Large Cap Growth Equity (MF) 20.00 60.00 52.00 16.00 0 44.00 0 12.00 36.00 0 8.00 0 28.00 4.00 Return Return 0 20.00 0 0.00 0 12.00 0 -4.00 4.00 0 -8.00 -4.00 -12.00 -12.00 -16.00 -20.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR 2015 2014 2013 2012 2011 -3.13 (66) T Rowe Price 10.08 (11) 0.01 (60) -6.43 (91) 4.77 (42) N/A N/A N/A T Rowe Price N/A N/A N/A N/A Russell 1000 Growth 0.61 (42) O Russell 1000 Growth 1.36 (9) 3.02 (9) 6.72 (12) 13.07 (17) 14.06 (17) 12.35 (12) 5.67 (48) 13.05 (22) 33.48 (55) 15.26 (48) 2.64 (11)

Comparative Performance						
	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	1 Qtr Ending Dec-2014
T Rowe Price	-6.44 (93)	8.81 (20)	-4.86 (21)	0.79 (47)	5.49 (14)	4.57 (53)
Russell 1000 Growth Index	0.74 (7)	7.32 (62)	-5.29 (30)	0.12 (69)	3.84 (40)	4.78 (47)
IM U.S. Large Cap Growth Equity (MF) Median	-2.86	7.65	-6.07	0.72	3.37	4.69

10.38

Median

5.49

10.49

33.97

14.92



-1.77

Median

0.31

-2.17

-1.57

4.45

11.46

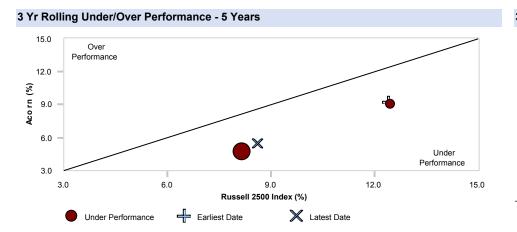
12.54

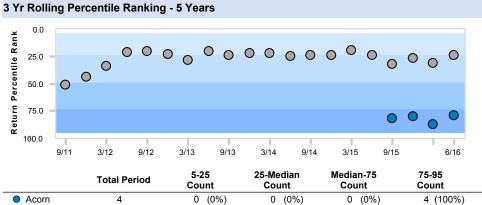
Peer Group Analysis - IM U.S. SMID Cap Core Equity (MF) 20.00 60.00 16.00 50.00 0 12.00 40.00 0 0 0 8.00 0 30.00 0 0 4.00 0 20.00 Return 0 Return 0 0.00 0 0 10.00 0 0 -4.00 0 0.00 00 0 0 -8.00 -10.00 -12.00 -20.00 -16.00 -20.00 -30.00 QTR **FYTD** 2 YR 2015 1 YR 3 YR 4 YR 5 YR 2014 2013 2012 2011 0.78 (86) 5.46 (79) Acorn 2.63 (48) -0.18 (88) -7.84 (78) -1.78 (73) N/A N/A Acorn -1.57 (15) 30.69 (90) N/A N/A Russell 2500 -3.67 (40) Russell 2500 3.57 (27) 3.98 (48) 1.01 (32) 8.61 (24) 12.63 (25) 9.48 (23) -2.90 (33) 7.07 (31) 36.80 (41) 17.88 (23) -2.51 (39) 2.54 3.82 -4.85 -0.13 7.30 11.30 8.01 Median -3.82 5.63 35.63 14.85 -3.50 Median

	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	1 Qtr Ending Dec-2014
Acorn	-2.74 (98)	2.32 (54)	-9.77 (42)	2.54 (4)	3.97 (57)	3.85 (87)
Russell 2500 Index	0.39 (68)	3.28 (27)	-10.30 (56)	-0.34 (53)	5.17 (25)	6.77 (46)
IM U.S. SMID Cap Core Equity (MF) Median	1.08	2.46	-10.07	-0.24	4.23	6.57



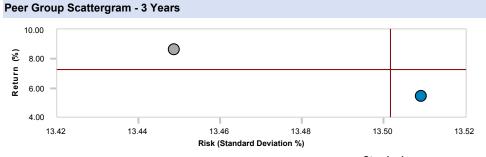
0 (0%)





6 (30%)

1 (5%)



	13.42	13.44	13.46	13.48	13.50	13.52
			Risk (Standard I	Deviation %)		
		ı	Return		Standard Deviation	
_	Acorn		5.46		13.51	
	Russell 2500		8.61		13.45	
	Median		7.30		13.50	



13 (65%)

	Return	Deviation
Acorn	N/A	N/A
Russell 2500	9.48	15.27
Median	8.01	15.46

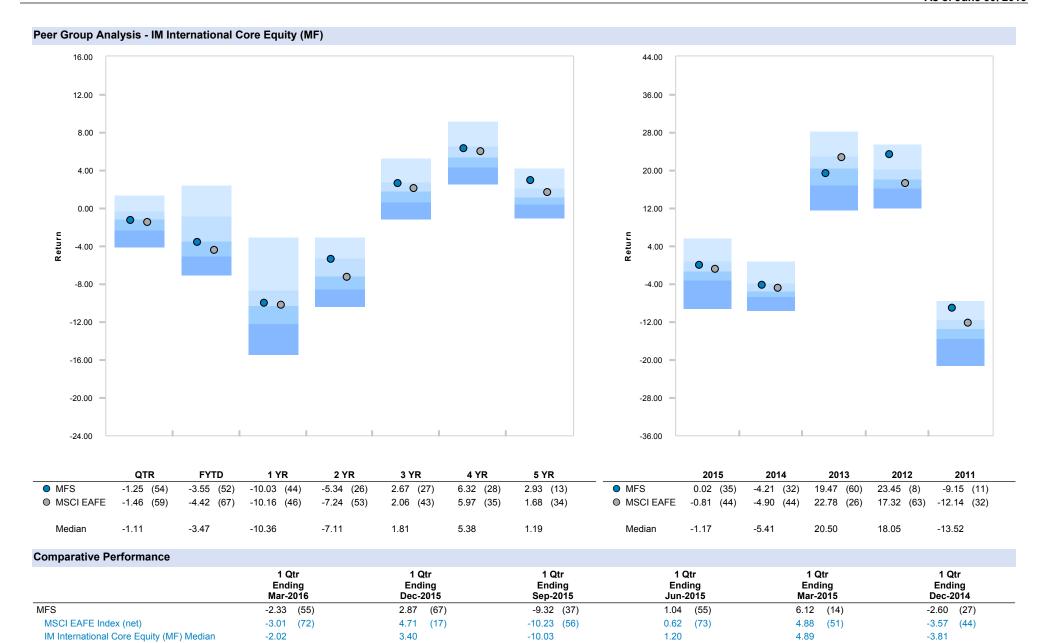
Historical Statistics -	Historical Statistics - 3 Years										
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk			
Acorn	2.65	91.90	106.53	-2.78	-1.12	0.46	0.99	8.85			
Russell 2500 Index	0.00	100.00	100.00	0.00	N/A	0.68	1.00	8.45			

Russell 2500

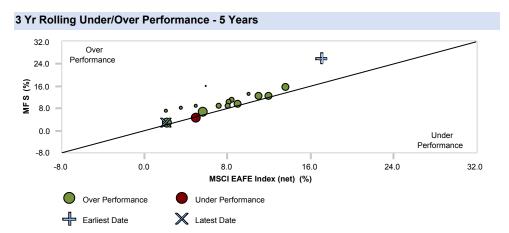
20

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	0.67	1.00	9.62	









3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 0008 25.0 50.0 75.0 100.0 3/12 3/13 9/13 3/14 9/14 9/15 6/16 9/11 9/12 3/15

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
MFS	18	14 (78%)	4 (22%)	0 (0%)	0 (0%)
MSCI EAFE	20	0 (0%)	17 (85%)	3 (15%)	0 (0%)

Peer Group Scattergram - 3 Years 2.90 2.61 2.32 1.74 1.45 12.40 12.60 12.80 13.00 13.20 Risk (Standard Deviation %)

Peer Group So	attergram - 5	Years				
3.60						
3.00 = 2.40 = 1.80 = 4.20 = 4.20						
1.80 -					0	
1.20						
0.60	14.98	15.05	15.12	15.19	15.26	15.33
	14.90		เอ. เอ standard Deviation		15.20	13.33

	Return	Standard Deviation
MFS	2.67	12.56
MSCI EAFE	2.06	13.11
Median	1.81	12.67

	Return	Standard Deviation
MFS	2.93	14.98
MSCI EAFE	1.68	15.24
Median	1.19	14.98

Historical Statistics - 3 Ye	ears							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	2.73	97.06	93.41	0.71	0.19	0.27	0.94	8.17
MSCI EAFE Index (net)	0.00	100.00	100.00	0.00	N/A	0.22	1.00	8.44

Historical Statistics - 5 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
MFS	3.55	96.99	90.45	1.32	0.33	0.26	0.96	10.40	
MSCI EAFE Index (net)	0.00	100.00	100.00	0.00	N/A	0.18	1.00	10.66	





3.56

3.57

2.64



3.45

3.55

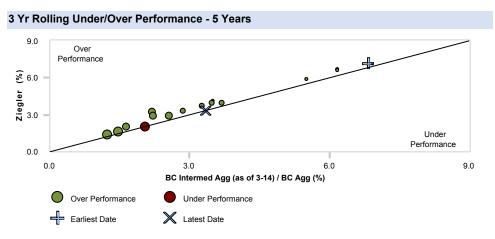
3.72

IM U.S. Open End Private Real Estate (SA+CF) Median

Peer Group Analysis - IM U.S. Intermediate Duration (SA+CF) 6.95 12.00 6.26 10.00 5.57 8.00 0 4.88 0 6.00 0 4.19 0 0 0 4.00 0 Return 3.50 0 0 00 0 2.00 00 2.81 0 0 0 0.00 2.12 0 -2.00 0 0 1.43 -4.00 0.74 0.05 -6.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR 2015 2014 2013 2012 2011 2.55 (56) Ziegler 1.39 (73) 3.61 (76) 4.14 (72) 2.70 (83) 3.30 (43) 3.46 (33) 1.23 (58) 4.14 (28) -1.33 (90) 6.04 (27) 6.47 (19) Ziegler BC Intermed Agg BC Intermed Agg 1.44 (69) 4.36 (57) 3.12 (47) 3.35 (40) 2.32 (75) 3.33 (43) 1.21 (62) 4.64 (16) -2.02 (98) 4.21 (70) 3.78 (65) 7.84 (4) (as of 3-14) / BC Agg (as of 3-14) / BC Agg 1.57 3.94 4.45 3.07 3.21 2.61 3.22 1.30 3.54 -0.50 4.95 5.87 Median Median **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending** Ending Ending **Ending** Ending **Ending** Mar-2016 Dec-2015 Sep-2015 Jun-2015 Mar-2015 Dec-2014 Ziegler 2.18 (66) -0.37 (38) 0.88 (54) -0.53 (34) 1.26 (87) 0.78 (70) BC Intermed Agg (as of 3-14) / BC Agg 2.31 (55)-0.51 (65)(30)-0.67 (62) (79)1.20 (17) 1.08 1.32 IM U.S. Intermediate Duration (SA+CF) Median -0.41 0.92 1.47 0.92 2.33 -0.61



6/16



	Total Period	5-25 Coun		25-Me Cou		Media Cou		75- Cou	
Ziegler	18	5 ((28%)	9	(50%)	4	(22%)	0	(0%)
BC Intermed Agg (as of 3-14) / BC Agg	20	0 ((0%)	8	(40%)	11	(55%)	1	(5%)

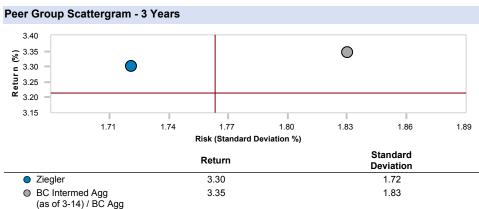
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9/14

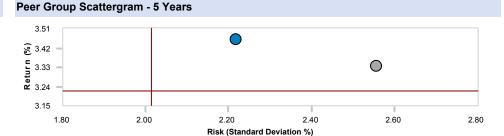
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9/15

9/13



3.21



	Return	Standard Deviation
Ziegler	3.46	2.22
BC Intermed Agg (as of 3-14) / BC Agg	3.33	2.56
Median	3.22	2.01

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Ziegler	1.11	87.62	62.83	0.74	-0.04	1.74	0.76	0.66
BC Intermed Agg (as of 3-14) / BC Agg	0.00	100.00	100.00	0.00	N/A	1.60	1.00	0.80

1.76

9/11

3/12

9/12

3/13

Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Ziegler	1.11	94.34	77.63	0.67	0.11	1.48	0.83	1.20
BC Intermed Agg (as of 3-14) / BC Agg	0.00	100.00	100.00	0.00	N/A	1.34	1.00	1.29



__ Median

Fund Name: Diamond Hill Funds: Diamond Hill Large Cap Fund; Class Y Shares

Diamond Hill Capital Management Inc Fund Family:

DHLYX Ticker:

12/30/2011 Inception Date:

\$493 Million Fund Assets:

Portfolio Turnover: 20%

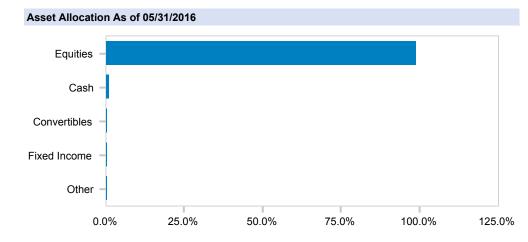
\$3,684 Million Portfolio Assets: Portfolio Manager : Bath/Welch/Hawley PM Tenure: 2011--2011--2015

Fund Style: IM U.S. Large Cap Core Equity (MF)

Style Benchmark: S&P 500 Index

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.



Top Ten Securities As of 05/31/2016		
Abbott Laboratories ORD	3.7 %	
Pfizer Inc ORD	3.6 %	
Citigroup Inc ORD	3.5 %	
Procter & Gamble Co ORD	3.3 %	
JPMorgan Chase & Co ORD	3.2 %	
Morgan Stanley ORD	3.1 %	
United Technologies Corp ORD	3.1 %	
Sysco Corp ORD	3.0 %	
Cisco Systems Inc ORD	2.9 %	
Capital One Financial Corp ORD	2.8 %	

Fund Characteristics As of 05/31/2016

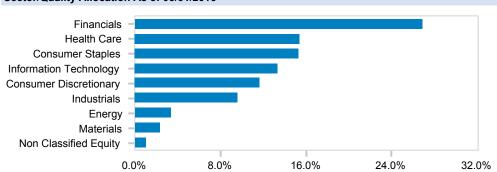
Total Securities

52

Avg. Market Cap \$108,136 Million

P/E 22.5 P/B 4.4 Div. Yield 2.3% Annual EPS 4.5 5Yr EPS 4.9 3Yr EPS Growth 14.5

Sector/Quality Allocation As of 05/31/2016





Fund Name: T Rowe Price Institutional Equity Funds, Inc: T Rowe Price Institutional Large-Cap

Core Growth Fund

T Rowe Price Associates Inc Fund Family:

33%

TPLGX Ticker:

09/30/2003 Inception Date:

Fund Assets: \$2,170 Million

Portfolio Manager: Larry J. Puglia

PM Tenure: 2003

Portfolio Assets:

Fund Style: IM U.S. Large Cap Growth Equity (MF)

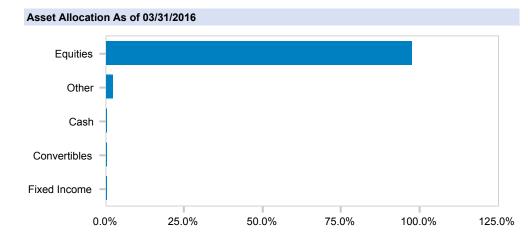
\$2,170 Million

Style Benchmark: Russell 1000 Growth Index

Fund Investment Policy

Portfolio Turnover :

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.



Top Ten Securities As of 03/31/2016	
Amazon.com Inc ORD	6.7 %
Alphabet Inc ORD 1	4.3 %
Facebook Inc ORD	4.3 %
Priceline Group Inc ORD	3.5 %
Microsoft Corp ORD	3.1 %
Danaher Corp ORD	3.0 %
Visa Inc ORD	2.8 %
Alphabet Inc ORD 2	2.6 %
MasterCard Inc ORD	2.5 %
Allergan plc ORD	2.2 %

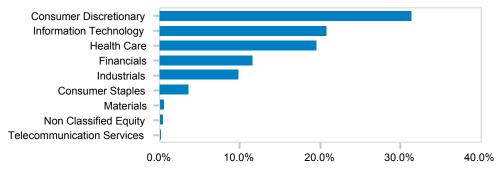
Fund Characteristics As of 03/31/2016

Total Securities 137

Avg. Market Cap \$123,097 Million

P/E 33.1 P/B 8.1 Div. Yield 1.5% Annual EPS 21.8 5Yr EPS 16.0 3Yr EPS Growth 23.5

Sector/Quality Allocation As of 03/31/2016





Fund Name: Columbia Acorn Trust: Columbia Acorn Fund; Class Z Shares

Columbia Threadneedle Investments Fund Family:

ACRNX Ticker:

06/10/1970

Inception Date: \$4,025 Million Fund Assets:

Portfolio Turnover: 21%

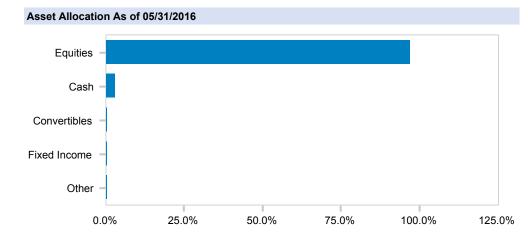
\$5,681 Million Portfolio Assets: Portfolio Manager : Egan/Kaegi/Litfin PM Tenure: 1999--2004--2015

Fund Style: IM U.S. SMID Cap Growth Equity (MF)

Style Benchmark: Russell 2500 Growth Index

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.



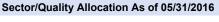
Top Ten Securities As of 05/31/2016	
Align Technology Inc ORD	2.7 %
Expeditors International of Washington Inc ORD	2.2 %
Education Realty Trust Inc	1.6 %
Robert Half International Inc ORD	1.5 %
Vail Resorts Inc ORD	1.5 %
Jones Lang LaSalle Inc ORD	1.5 %
VWR Corp ORD	1.5 %
HealthSouth Corp ORD	1.4 %
Acuity Brands Inc ORD	1.3 %
Vantiv Inc ORD	1.3 %

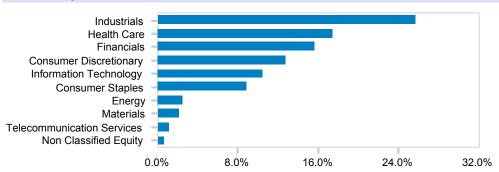
Fund Characteristics As of 05/31/2016

Total Securities 138

Avg. Market Cap \$5.655 Million

P/E 30.1 P/B 6.5 Div. Yield 1.8% Annual EPS 14.0 5Yr EPS 17.7 3Yr EPS Growth 21.0







Fund Name: MFS Institutional Trust: MFS Institutional International Equity Fund

Fund Family: MFS Investment Management

Ticker: MIEIX
Inception Date: 01/31/1996

Fund Assets: \$7,403 Million

Portfolio Turnover: 18%

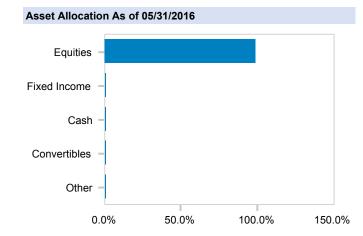
Portfolio Assets: \$7,403 Million Portfolio Manager: Smith/Ling PM Tenure: 2001--2009

Fund Style: IM International Large Cap Growth Equity (MF)

Style Benchmark: MSCI EAFE Growth

Fund Investment Policy

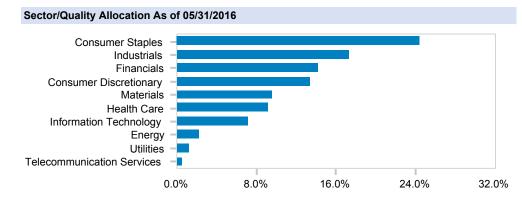
The Fund seeks capital appreciation. The Fund normally invests at least 80% of its net assets in non-U.S. equity securities. The Fund uses a bottom-up investment approach. Stocks are selected primarily based on fundamental analysis of issuers and their potential.

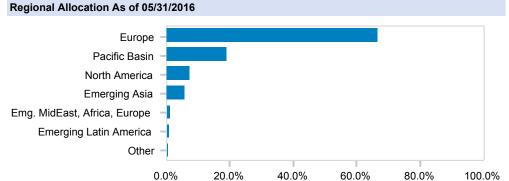


Top Ten Securities As of 05/31/2016	
Nestle SA ORD	3.8 %
WPP PLC ORD	3.4 %
Roche Holding AG Par	3.2 %
Compass Group PLC ORD	3.1 %
Bayer AG ORD	2.9 %
Reckitt Benckiser Group PLC ORD	2.5 %
Danone SA ORD	2.5 %
Taiwan Semiconductor Manufacturing Co Ltd DR	2.5 %
Hoya Corp ORD	2.4 %
Terumo Corp ORD	2.3 %

Top 5 Countries As of 05/31/2016	
United Kingdom	18.1 %
France	15.2 %
Japan	13.3 %
Switzerland	13.2 %
Germany	10.4 %

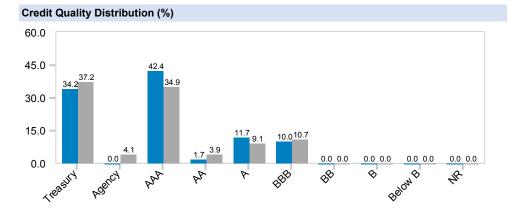
Fund Characteristics	As of 05/31/2016
Total Securities	81
Avg. Market Cap	\$60,374 Million
P/E	22.7
P/B	4.1
Div. Yield	2.8%
Annual EPS	7.3
5Yr EPS	7.3
3Yr EPS Growth	7.3

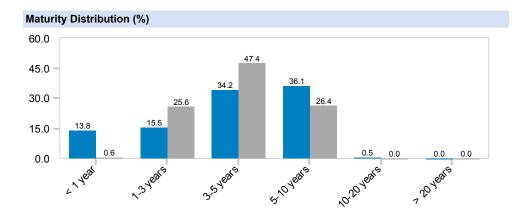


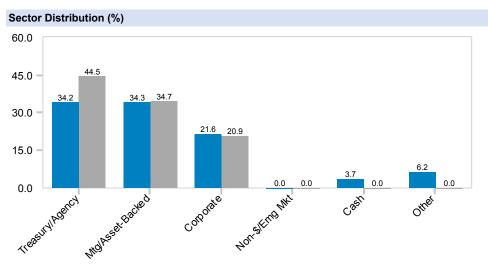


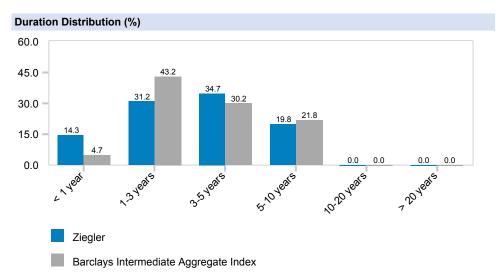


Portfolio Characteristics		
	Portfolio	Benchmark
Avg. Maturity	4.28	4.34
Avg. Quality	Aa2	Aa1
Coupon Rate (%)	3.06	2.87
Current Yield	2.91	2.72
Effective Duration	3.44	3.56











	Market Value (\$)	Estimated Annual Fee (%)	Estimated Annual Fee (\$)
Total Fund	36,905,485	0.44	162,744
Diamond Hill T Rowe Price Acorn	6,569,465 6,723,360 1,703,470	0.65 0.56 0.79	42,702 37,651 13,457
MFS	3,756,630	0.72	27,048
Cornerstone	1,186,963	1.10	13,057
Ziegler	14,414,736	0.20	28,829



omparative Performance						
	QTR	FYTD	1 YR	3 YR	5 YR	
Total Fund	0.80	0.08	-0.48	5.79	5.84	
Total Fund Policy	1.74	3.00	2.11	6.83	7.06	
otal Fund Without Cash	0.86	0.19	-0.40	6.14	6.44	
otal Domestic Equity	0.81	-2.05	-2.46	8.74	9.59	
Russell 3000 Index	2.63	3.62	2.14	11.13	11.60	
viamond Hill	1.19	2.36	-0.32	N/A	N/A	
Russell 1000 Value Index	4.58	6.30	2.86	9.87	11.35	
Rowe Price	0.01	-6.43	-3.13	N/A	N/A	
Russell 1000 Growth Index	0.61	1.36	3.02	13.07	12.35	
corn	2.63	-0.18	-7.84	5.33	N/A	
Russell 2500 Index	3.57	3.98	-3.67	8.61	9.48	
Russell 2500 Growth Index	2.70	-0.03	-7.69	9.06	9.27	
IFS	-1.25	-3.55	-10.03	2.54	2.56	
MSCI EAFE Index (net)	-1.46	-4.42	-10.16	2.06	1.68	
ornerstone	1.76	4.76	12.64	N/A	N/A	
NCREIF Fund Index-ODCE (EW) (Net)	1.97	4.24	11.24	12.08	11.70	
iegler	1.34	3.51	3.93	3.09	3.24	
BC Intermed Agg (as of 3-14) / BC Agg	1.44	3.78	4.36	3.35	3.33	
ash	0.08	0.14	0.17	0.08	0.09	
90 Day U.S. Treasury Bill	0.06	0.12	0.13	0.07	0.07	



Historical Hybrid Composition		
Allocation Mandate	Weight (%)	
Jan-2009		
Russell 3000 Index	45.00	
MSCI EAFE (net) Index	10.00	
Barclays Aggregate Index	45.00	
Mar-2014		
Russell 3000 Index	45.00	
MSCI EAFE (net) Index	10.00	
Barclays Intermediate Aggregate Index	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	
Barclays Intermediate Aggregate Index	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.
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.



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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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