Investment Performance Review Period Ending June 30, 2017

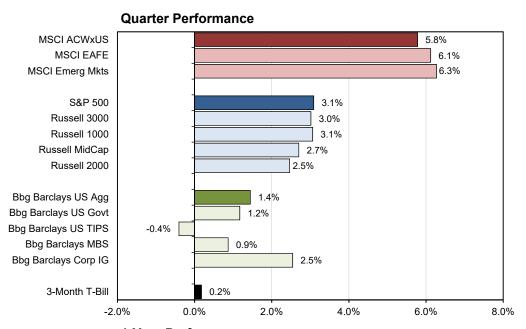
City of Sioux Falls Employees'

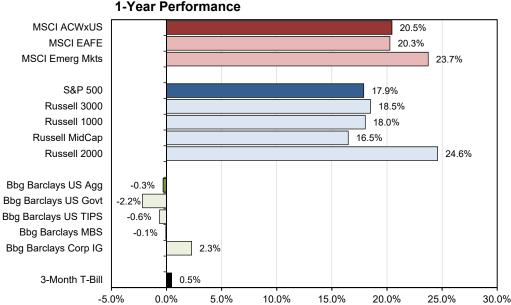


2nd Quarter 2017 Market Environment



- Returns for the 2nd quarter of 2017 were positive for most major equity and fixed income indices. Broad domestic and international equity market performance was largely fueled by continued improvement in economic data worldwide. Domestic equities trailed international indices during the quarter. While U.S. economic fundamentals and corporate earnings growth were viewed positively, political concerns surrounding the pace of implementation of Trump administration expansive fiscal policy reforms and the fallout associated with the dismissal of FBI Director James Comey dampened investor enthusiasm. Despite these concerns, investor optimism remained high and many major domestic equity indices hit record levels during the quarter. Large cap stocks continued a year-to-date trend of outperformance relative to small cap equities with the S&P 500 Index returning 3.1% versus a 2.5% return for the Russell 2000 Index. However, small cap stock returns still show substantial outperformance relative to large cap indices over the one-year period due to their remarkable performance in the second half of 2016.
- International equity market benchmarks continued to outpace U.S. markets through the 2nd quarter of 2017 as both developed and emerging market international equities saw benefits from continued strength in global macroeconomic data, a weakening U.S. Dollar (USD) and ongoing accommodative global central bank policies. While the ongoing improvement in the global economy pushed international index returns higher, gains were tempered toward the end of the quarter as central banks began to signal an increased probability of a future reduction in stimulus. Emerging markets narrowly outperformed developed markets for the quarter. The MSCI Emerging Market Index returned 6.3% for the quarter and a solid 23.7% for the 1-year period. While weaker by comparison, the developed market MSCI EAFE Index also posted robust performance returning 6.1% for the quarter and 20.3% for the year.
- The yield curve flattened through the 2nd quarter of 2017 as interest rates in the U.S. declined through the majority of the second quarter before rising moderately in June. The rise in interest rates coincided with the Federal Open Market Committee's (FOMC) June meeting and their decision to further tighten monetary policy by raising short-term interest rates by 0.25%. The Fed also announced a plan to systematically shrink the size of its balance sheet, gradually reducing its securities holdings by tapering the amount they reinvest as securities mature. This can be viewed similarly to a tightening of monetary policy. Broad fixed income indices were generally positive through the quarter with the bellwether Bloomberg Barclays U.S. Aggregate Index returning 1.4% for the quarter. Benefitting from falling credit spreads, corporate credit was the only investment grade sector to post gains over the 1-year period returning 2.3% versus a -0.3% return for the Bloomberg Barclays U.S. Aggregate Index.

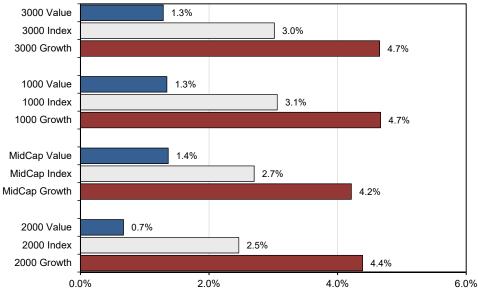




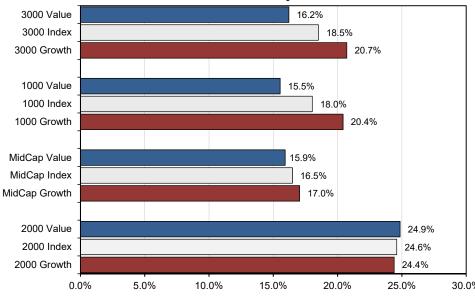


- U.S. equity index returns were positive across the style and capitalization spectrum for the 2nd quarter and the trailing 1-year period. Domestic equity index returns were driven by positive trends in economic data reported throughout the period including improvements in GDP, consumer and business sentiment, and employment. In addition, corporate earnings grew at a double digit pace for 1Q 2017 with most sectors showing improvement. U.S. equity returns were somewhat subdued by ongoing political concerns. Media attention surrounding the dismissal of FBI Director James Comey and the ongoing gridlock associated with the repeal and replacement of the Affordable Care Act has cast doubt on the current administration's ability to implement promised expansionary fiscal policy measures.
- Large cap stocks were the best performing capitalization segment for the quarter for both core and growth issues while mid cap equities posted a slight premium relative to other capitalizations within the value spectrum. While large cap stocks were the best performers, returns for the quarter fell in a narrow range for the period. Large-cap stocks represented by the Russell 1000 Index returned 3.1% for the quarter while the small cap Russell 2000 Index returned 2.5%. This return spread was partially due to the effects of rising interest rates and a falling USD. Conversely, over the 1-year period, small cap issues still maintain a considerable performance advantage, with the Russell 2000 returning 24.6% versus a return of 18.0% for the Russell 1000.
- Building on trends from the 1st quarter, index sector allocations were a substantial contributor to growth index outperformance during the 2nd quarter. Growth indices benefitted from significant underweights to the energy and telecommunications sectors, both of which lagged the broad index return. Growth benchmarks also benefitted from greater exposure to the information technology and health care sectors which posted strong sector returns. The Russell 2000 Value Index's return of 0.7% was the worst performing style index for the period. Over the 1-year period, growth indices outperformed value indices in the large and mid cap market capitalizations, but underperformed value equities within the small cap space.
- Domestic equity valuations appear stretched relative to historical levels based on Forward Price/Earnings ratios (P/E), with even the most reasonably valued indices trading above their historical P/E valuations. Index P/E valuations range from 112% to 134% of their respective 15-year P/E averages. The mid cap core and small cap value indices appear the most inexpensive and the large cap growth and small cap growth segments look the most overvalued.

Quarter Performance - Russell Style Series

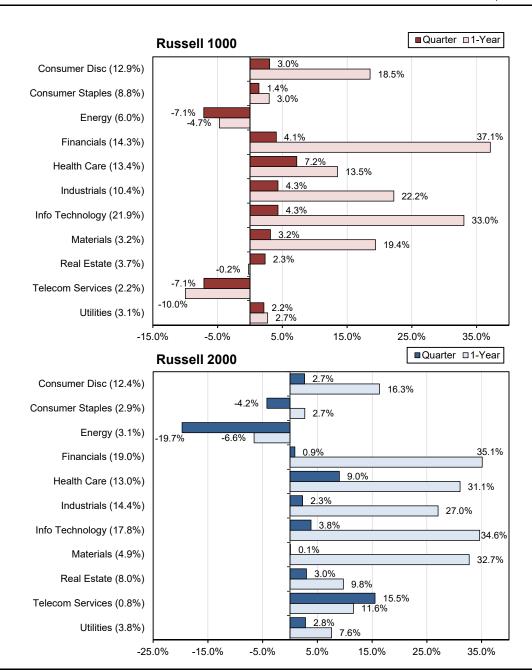


1-Year Performance - Russell Style Series





- Sector performance within the Russell 1000 Index was largely positive for the 2nd guarter. Five of eleven economic sectors outpaced the Russell 1000 Index return, and nine of eleven sectors posted gains during the period. Energy trailed for the second consecutive quarter as crude prices continued to fall. While OPEC continues to take measures to limit production, accelerating output from shale producers in the U.S. fueled concerns of oversupply, putting downward pressure on prices. Telecommunication services was the only other large cap sector to post negative performance for the quarter, also returning -7.1%. Despite continued uncertainty surrounding potential reform, health care was the best performing sector in the large cap index, returning 7.2%. Technology and industrials also performed well as increasing business and consumer confidence and strong earnings pushed stock prices 4.3% higher in both sectors through the quarter. Over the trailing 1-year period, financials and technology were the best performing sectors in the Russell 1000, each returning greater than 30%. Eight of eleven large cap economic sectors posted positive returns for the 1-year period with six posting double digit returns.
- Small cap sector results generally lagged their large capitalization counterparts for the 2nd straight quarter. Six of eleven economic sectors outpaced the Russell 2000 Index return for the quarter, and nine of eleven sectors posted positive results for the period. Most of the sector trends observable in large cap index sector performance also impacted small cap sectors. However, small cap telecom services outperformed large cap telecom stocks by over 20%, returning 15.5%. Similar to large cap issues, energy was the biggest detractor, falling -19.7% for the quarter. Returns for health care were also solid through the quarter posting a 9.0% gain. Over the 1-year period, the materials, financials, health care and technology sectors each posted returns in excess of 30% and seven sectors had gains greater than 10%. Energy was the only Russell 2000 sector to post a negative return over last year, falling -6.6%.
- Using S&P 500 sector valuations as a proxy for the market, Forward P/E ratios for eight of the GICS sectors were higher than their long-term averages at quarter-end. Using these historical P/E measures, the energy, materials and utilities sectors appear the most extended. In contrast the technology, health care and telecommunications sectors were trading at a discount to their long-term average P/E ratios.





Top 10 Weighted Stocks									
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector					
Apple Inc	3.24%	0.7%	53.5%	Information Technology					
Microsoft Corp	2.23%	5.2%	38.0%	Information Technology					
Amazon.com Inc	1.66%	9.2%	35.3%	Consumer Discretionary					
Johnson & Johnson	1.54%	6.9%	12.0%	Health Care					
Facebook Inc A	1.52%	6.3%	32.1%	Information Technology					
Exxon Mobil Corp	1.48%	-0.6%	-10.7%	Energy					
Berkshire Hathaway Inc B	1.40%	1.6%	17.0%	Financials					
JPMorgan Chase & Co	1.39%	4.6%	51.0%	Financials					
Alphabet Inc A	1.19%	9.7%	32.1%	Information Technology					
Alphabet Inc C	1.18%	9.5%	31.3%	Information Technology					

Top 10 Weighted Stocks								
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector				
Kite Pharma Inc	0.26%	32.1%	107.3%	Health Care				
Gramercy Property Trust	0.23%	13.0%	11.8%	Real Estate				
Catalent Inc	0.23%	23.9%	52.7%	Health Care				
Medidata Solutions Inc	0.23%	35.6%	66.8%	Health Care				
Parexel International Corp	0.23%	37.7%	38.2%	Health Care				
Healthsouth Corp	0.22%	13.6%	27.5%	Health Care				
Idacorp Inc	0.22%	3.6%	7.8%	Utilities				
bluebird bio Inc	0.22%	15.6%	142.7%	Health Care				
Fair Isaac Corp	0.22%	8.1%	23.4%	Information Technology				
WGL Holdings Inc	0.22%	1.7%	21.1%	Utilities				

Top 10 Performing Stocks (by Quarter)									
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector					
Wayfair Inc Class A	0.01%	89.9%	97.1%	Consumer Discretionary					
Alnylam Pharmaceuticals Inc	0.03%	55.6%	43.7%	Health Care					
SunPower Corp	0.00%	53.1%	-39.7%	Information Technology					
First Solar Inc	0.01%	47.2%	-17.7%	Information Technology					
Zillow Group Inc C	0.02%	45.6%	35.1%	Information Technology					
Yum China Holdings Inc	0.06%	45.0%	N/A	Consumer Discretionary					
Zillow Group Inc A	0.01%	44.5%	33.3%	Information Technology					
Whole Foods Market Inc	0.06%	43.0%	33.9%	Consumer Staples					
IAC/InterActiveCorp	0.03%	40.0%	83.4%	Information Technology					
Akorn Inc	0.01%	39.3%	17.7%	Health Care					

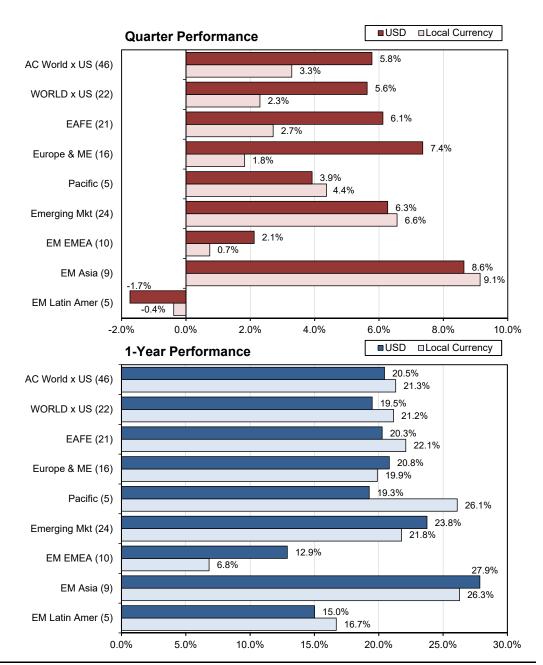
Тор	Top 10 Performing Stocks (by Quarter)									
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector						
Straight Path Communications Inc	0.08%	399.4%	549.3%	Telecommunication Services						
Altimmune Inc	0.00%	294.3%	146.8%	Health Care						
Global Sources Ltd	0.01%	142.4%	118.1%	Information Technology						
Puma Biotechnology Inc	0.13%	134.9%	193.4%	Health Care						
Angie's List Inc	0.03%	124.4%	96.5%	Information Technology						
Conn's Inc	0.02%	118.3%	154.0%	Consumer Discretionary						
Weight Watchers International Inc	0.05%	114.6%	187.4%	Consumer Discretionary						
NantKwest Inc	0.01%	113.8%	22.0%	Health Care						
NovoCure Ltd	0.05%	113.6%	48.2%	Health Care						
Vivint Solar Inc	0.01%	108.9%	90.6%	Industrials						

Bottom 10 Performing Stocks (by Quarter)									
Russell 1000	Weight 1-Qtr Retur		1-Year Return	Sector					
Frontier Communications Corp Class B	0.00%	-44.2%	-73.4%	Telecommunication Services					
Ensco PLC Class A	0.00%	-42.3%	-46.6%	Energy					
Weatherford International PLC	0.01%	-41.8%	-30.3%	Energy					
Whiting Petroleum Corp	0.01%	-41.8%	-40.5%	Energy					
Noble Corp PLC	0.00%	-41.5%	-55.9%	Energy					
Nabors Industries Ltd	0.01%	-37.3%	-17.3%	Energy					
Chicago Bridge & Iron Co NV	0.00%	-35.5%	-42.3%	Industrials					
Diamond Offshore Drilling Inc	0.00%	-35.2%	-55.5%	Energy					
Hertz Global Holdings Inc	0.00%	-34.4%	-73.8%	Industrials					
United States Steel Corp	0.02%	-34.4%	32.4%	Materials					

Bottom 10 Performing Stocks (by Quarter)										
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector						
First NBC Bank Holding Co	0.00%	-99.3%	-99.8%	Financials						
Seadrill Ltd	0.00%	-76.8%	-88.6%	Energy						
Avinger Inc	0.00%	-76.4%	-96.2%	Health Care						
Bonanza Creek Energy Inc	0.03%	-75.5%	-85.9%	Energy						
EXCO Resources Inc	0.00%	-71.5%	-86.4%	Energy						
XBiotech Inc	0.00%	-71.5%	-77.5%	Health Care						
Vince Holding Corp	0.00%	-69.6%	-91.4%	Consumer Discretionary						
NewLink Genetics Corp	0.01%	-69.5%	-34.7%	Health Care						
Cobalt International Energy Inc	0.00%	-69.1%	-87.7%	Energy						
Terravia Holdings Inc	0.00%	-67.8%	-91.1%	Materials						



- International equity returns for the 2nd quarter were largely driven by ongoing improvement in the global economy, a weakening USD and political news in Europe and the U.K. Emerging markets were the greatest beneficiaries of these trends, outperforming developed economies for the second straight quarter. While USD strength remains on the high side of its 10-year range, the USD continued its year-to-date decline, providing further tailwinds to international index returns denominated in USD. However, the 1-year performance for broad international indices still show a modest negative currency impact due to USD strength.
- Broad developed market international index performance was positive for the 2nd quarter in both USD and local currency terms with the MSCI EAFE Index returning 6.1% and 2.7% respectively. Eurozone, U.K. and Japanese markets advanced on the back of positive macroeconomic data and strong corporate earnings. Similar to U.S. markets, ongoing political developments also had an effect on international markets with elections in France and the U.K. making headline news. In France, the presidential election of centrist candidate Emmanuel Macron calmed market fears of further break-up within the European Union. Macron's party also won parliamentary majority giving rise to optimism on the possibility of new economic reforms. In the U.K., Prime Minister Theresa May's decision to call special elections in an attempt to strengthen her party's parliamentary position prior to the start of Brexit negotiations had the opposite effect and resulted in a hung parliament, increasing the odds of a "hard Brexit" scenario. Markets gave back some gains towards the end of the quarter as central bank commentary indicated the increased possibility of tightened monetary policy in the future. When viewed over the last 12 months, developed market index performance is robust in both USD and local currency terms, with the MSCI EAFE returning 20.3% and 22.1% respectively.
- A supportive global economic environment and a weakening USD allowed emerging markets to build on their strong start to the year, outperforming developed markets, and returning 6.3% and 6.6% in USD and local currency terms respectively. Greece had a particularly good quarter, returning 33.8% in USD terms, after it was able to reach an agreement to obtain additional bailout funds needed to pay creditors. Russia, Qatar and Brazil were the worst performing countries in the index. Russia and Qatar both suffered from falling oil prices. Qatar was also subject to a blockade by several neighboring countries alleging that Qatar is responsible for supporting instability within the region. Brazilian equities fell as corruption allegations against its President, Michel Temer, increased political risk within the country, putting downward pressure on equity markets. One year returns on the MSCI Emerging Market Index are an impressive 23.8% in USD terms.



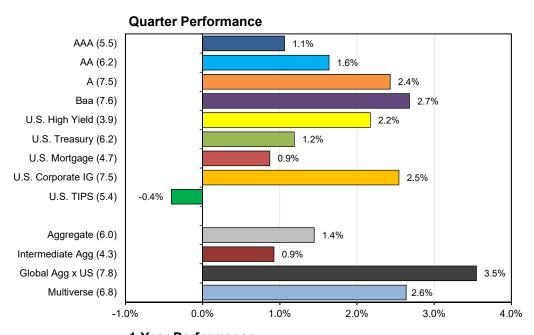


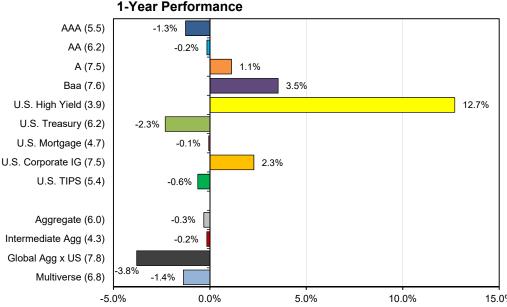
MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.1%	4.7%	24.2%
Consumer Staples	11.5%	7.6%	7.3%
Energy	4.7%	-0.7%	6.1%
Financials	21.5%	7.2%	39.8%
Health Care	10.8%	7.2%	4.6%
Industrials	14.5%	7.0%	24.5%
Information Technology	6.1%	9.5%	35.8%
Materials	7.5%	3.3%	33.1%
Real Estate	3.6%	4.6%	7.7%
Telecommunication Services	4.3%	4.8%	2.2%
Utilities	3.4%	7.2%	7.1%
Total	100.0%	6.1%	20.3%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.3%	5.6%	23.7%
Consumer Staples	9.9%	7.1%	6.5%
Energy	6.3%	-2.9%	6.5%
Financials	23.3%	5.7%	33.6%
Health Care	8.1%	7.2%	4.3%
Industrials	12.0%	6.8%	23.8%
Information Technology	10.8%	12.9%	41.9%
Materials	7.6%	1.7%	27.2%
Real Estate	3.2%	5.8%	9.1%
Telecommunication Services	4.4%	4.0%	3.3%
Utilities	3.1%	5.2%	5.9%
Total	100.0%	5.8%	20.5%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.6%	8.4%	21.4%
Consumer Staples	6.8%	5.1%	2.5%
Energy	6.6%	-4.9%	15.9%
Financials	23.6%	3.9%	26.6%
Health Care	2.4%	4.4%	1.9%
Industrials	5.7%	3.9%	16.1%
Information Technology	26.6%	15.5%	46.9%
Materials	7.1%	-0.5%	28.1%
Real Estate	2.7%	11.4%	18.6%
Telecommunication Services	5.4%	2.0%	5.1%
Utilities	2.6%	-1.8%	1.6%
Total	100.0%	6.3%	23.8%

	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	23.5%	16.3%	5.2%	19.2%
United Kingdom	17.7%	12.3%	4.7%	13.4%
France	10.5%	7.3%	9.1%	28.1%
Germany	9.5%	6.6%	6.4%	28.7%
Switzerland	8.5%	5.9%	9.0%	16.5%
Australia	7.1%	4.9%	-1.9%	18.3%
Netherlands	3.5%	2.5%	7.8%	28.2%
Hong Kong	3.5%	2.4%	7.2%	23.8%
Spain	3.5%	2.4%	7.9%	38.4%
Sweden	2.9%	2.0%	8.6%	26.7%
Italy	2.3%	1.6%	9.0%	30.9%
Denmark	1.8%	1.3%	15.3%	4.7%
Singapore	1.3%	0.9%	5.3%	14.9%
Belgium	1.1%	0.8%	4.8%	2.1%
Finland	1.0%	0.7%	13.4%	25.0%
Israel	0.7%	0.5%	6.5%	-2.3%
Norway	0.6%	0.4%	4.1%	14.9%
Ireland	0.5%	0.3%	3.8%	15.8%
Austria	0.2%	0.2%	21.8%	65.0%
New Zealand	0.2%	0.1%	8.1%	10.4%
Portugal	0.2%	0.1%	3.1%	15.2%
Total EAFE Countries	100.0%	69.6%	6.1%	20.3%
Canada		6.6%	0.6%	11.7%
Total Developed Countries		76.2%	5.6%	19.5%
China		6.6%	10.6%	32.2%
Korea		3.7%	10.2%	34.9%
Taiwan		3.0%	8.8%	32.9%
India		2.1%	2.9%	17.5%
Brazil		1.6%	-6.7%	17.0%
South Africa		1.6%	3.5%	10.2%
Mexico		0.9%	7.2%	12.0%
Russia		0.8%	-10.0%	10.3%
Indonesia		0.6%	8.5%	17.2%
Malaysia		0.6%	5.1%	2.7%
Thailand		0.5%	2.4%	17.1%
Poland		0.3%	13.6%	42.6%
Philippines		0.3%	7.1%	-6.2%
Turkey		0.3%	19.3%	8.1%
Chile		0.3%	-2.1%	14.0%
United Arab Emirates		0.2%	1.3%	8.4%
Qatar		0.2%	-10.9%	-2.3%
Colombia		0.1%	2.5%	8.8%
Peru		0.1%	7.2%	17.2%
Greece		0.1%	33.8%	50.4%
Hungary		0.1%	19.4%	44.4%
Czech Republic		0.0%	8.1%	10.0%
		0.070		
Pakistan		0.0%	-2.3%	18.3%
Pakistan Fgypt		0.0%	-2.3% 3.2%	18.3% -2.1%
Pakistan Egypt Total Emerging Countries		0.0% 0.0% 23.8%	-2.3% 3.2% 6.3%	18.3% -2.1% 23.8%



- Most broad fixed income benchmarks finished the 2nd guarter with modest gains. The Bloomberg Barclays U.S. Aggregate Index ended the quarter with a 1.4% increase. Interest rates fell through most of the period before rising near the end of the quarter. The Federal Open Market Committee (FOMC) voted to increase short-term interest rates by 25 basis points (bps) during their June meeting. This represented the third consecutive interest rate increase in the last 3 quarters. While inflation remains below target, the Fed viewed the economy as healthy enough to warrant continued tightening. This caused a flattening of the yield curve as short-term market yields rose through the quarter, but long term interest rates fell. The Fed also outlined plans to gradually reduce its balance sheet by slowing the rate of reinvestment of the Treasury and mortgage backed securities (MBS) it holds on its books as the securities mature. The amount reinvested each month will fall systematically, reducing the size of the Fed's balance sheet over time. Implementation of this plan could begin before the end of the year and would be viewed as further tightening of monetary policy. This news from the Fed put upward pressure on interest rates as the guarter came to a close. Most investment grade indices posting slightly negative returns over the last year. The Bloomberg Barclays U.S. Aggregate index returned -0.3% for the 1-year period.
- Lower quality bonds outperformed higher quality issues for both the quarter and 1-year period as contracting credit spreads from improvements in economic fundamentals acted as a tailwind to these issues. During the 2nd quarter credit spreads for high yield debt decreased by 19 bps versus only 9 bps for investment grade corporate issues. BAA issues more than doubled the return of AAA securities, returning 2.7% versus a more modest 1.1% for AAA debt. High yield debt has been the largest beneficiary of the strengthening economy, returning 2.2% for the quarter and 12.7% for the 1-year period.
- A review of sector performance shows investment grade credit outpacing other Treasuries, and MBS indices. As previously mentioned, corporate issues benefited from tightening credit spreads. MBS trailed Treasuries and investment grade corporates for the quarter as the Fed's plan to taper their ongoing reinvestment in agency MBS pushed spreads on MBS 5 bps higher while spreads tightened across all other fixed income sectors. TIPS posted the worst returns for the quarter, falling -0.4%, as lower inflation expectations drove prices lower. Led by a weakening USD, global bond indices posted solid results for the quarter. However, hawkish comments from several global central banks pared some gains at the end of the period. Fixed income returns over the 1-year period were broadly negative with only corporate issues posting gains. Despite a strong start to 2017, global bond returns trail domestic indices over the 1-year period with the Bloomberg Barclays Aggregate ex U.S. returning -3.8% for the period.

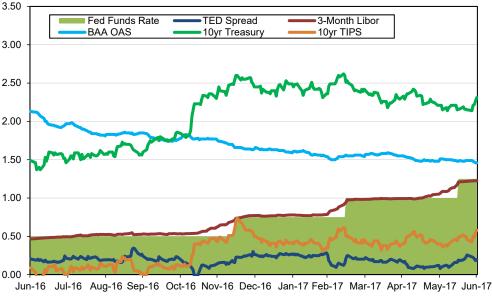






- Much of the index performance detailed in the bar graphs on the previous page is visible on a time series basis by reviewing the line graphs to the right. The '1-Year Trailing Market Rates' chart illustrates that the 10-year Treasury yield (green line) rose dramatically in the 4th quarter of 2016, held largely steady during the 1st quarter of 2017 and then gradually fell through most of 2nd quarter before spiking at the end of June. The yield on the 10-year Treasury has fallen to 2.31% from 2.45% at the start of the year. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional yield premium that investors require to purchase and hold non-Treasury issues. This line illustrates a steady decline in credit spreads throughout 2016 and into 2017. This decline is equivalent to an interest rate decrease on corporate bonds, which produces a tailwind for corporate bond index returns. These credit spreads have tightened by about 65 bps over the last 12-months. The green shading at the bottom of the graph illustrates the continued increase in the Federal Funds Rate due to a less accommodative Fed monetary policy.
- The lower graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters. Similar to the 1st quarter, the yield curve flattened further throughout the 2nd quarter as yields on shorter-term maturities rose, while interest rates on the long end of the curve (5-years and beyond) continued to decline. Interest rate movement during the period was relatively muted, the significant upward shift in interest rates since the end of 2016 is clearly visible. Yields on the 3-month Treasury Bill have jumped by almost 75 bps since September 30, 2016. Yields on the 30-year Treasury Bond have increased by more than 50 bps over the same period.
- Despite the rise in short-term interest rates, most fixed income indices finished the 2nd quarter in positive territory. In a rising rate environment, it is generally expected that longer-duration market indices will fall more than equivalent lower-duration benchmarks. However, the magnitude of interest rate shifts across the term structure and spread movements can lead to atypical shortterm results. Finally, while global benchmarks are impacted by the same local vield and duration factors as domestic benchmarks, the returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. This currency effect can either be an offsetting benefit to negative yield and duration factors in a rising rate environment as it has been year-to-date, or it can further exacerbate negative performance as it did in 2016.





Treasury Yield Curve 3.50 ■9/30/2016 — 12/31/2016 — 3/31/2017 — 6/30/2017 3.00 2.50 2.00 1.50 1.00 0.50 0.00 30 yr 1 mo 3 mo 6 mo 1 yr 2 yr 3 yr 5 yr 7 yr 10 yr 20 yr



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<u>Total Fund</u> The performance in the quarter of 3.9% ranked near the top decile versus all Total Plans and was above the policy benchmark. The annual 14.3% return was top quartile but just below the policy bogey, while the five year 10.5% ranked in the top decile and beat the policy, as did the ten year 6.8% performance. Performance was top quartile versus other Total Plans with a similar equity commitment for the quarter. It was slightly above average for the year, top third for five years, and top decile for ten years.

<u>Total Domestic Equities</u> Top quartile return for the quarter compared to the Total Domestic Equity composite. It was above average for the year, average for five years, and top quartile for ten years. It was above the Russell 3000 index for the quarter and for the year, just below for five years, and above for ten years.

- Cooke & Bieler Top decile return for the quarter versus Large Cap Value funds and well above the Russell 1000 Value index. Near top decile for the year, and top quartile for five years and for ten years. It was above the index for the year, five years and for ten years.
- NTGI S&P 500 Index Fund Just above average results for the quarter versus Large Cap Core funds. Above average for the year and for five years and below average for ten. Close tracking of index returns
- Sawgrass Bottom quartile performance in the quarter, year, and five years versus Large Cap Growth funds and below the Russell 1000 Growth index. Bottom third for ten years and about equal to the index.
- NTGI S&P 400 Index Fund Bottom third performance for the quarter versus Mid Cap Core funds; below average for the year and for five years and just above average for ten. Close tracking of index returns.
- T Rowe Price Top quartile results for the quarter versus Small Cap Value funds and above the Russell 2000 Value index. Above average but below the index the year and near top third and just above the index for five years. Top percentile and well above the index for ten years.
- Summit Creek Near top decile versus Small Cap Growth funds and well above the Russell 2000 Growth index performance in the quarter. Bottom quartile and below the index for the year, and below average but above the index for two years.

<u>Total International Equities</u> Top third performance versus universe for quarter; top quartile for the year and bottom third for five years. Above average for ten years. Above the MSCI ACWI–ex US index for the quarter, the year, five years and for ten years.

- Templeton Above average performance versus International Large Cap Value funds for the quarter and above the EAFE Value index. Top quartile for the year and above the index. Top decile for five years and just above the index and top 2nd percentile for ten and above the index.
- MFS Top quartile performance for the quarter versus International Large Cap Growth funds and above the EAFE Growth index. It was top decile for the year and above the index. For five years and ten years' results were top decile and above the index.
- Vanguard Emerging Markets Fund Bottom quartile return for the quarter compared to Emerging Market funds and below the index, top quartile for the year and above the index. Three year results were below average and below the index.

<u>Total Domestic Fixed Income</u> Above average return for quarter, but bottom third for the year compared to Total Fixed funds. Above average for five years and top quartile for ten. Above the Bloomberg Barclays Aggregate index for the quarter, year, five and ten years.

- Schroder Intermediate Duration Top quartile return for the quarter versus Domestic Intermediate Duration Bond funds and above the Bloomberg Barclay's Intermediate Duration Bond Index. Near top quartile for the year and above the index while top decile for five years and above the index.
- NTGI Government / Credit Index Fund Near top quartile performance for quarter, bottom quartile for the year, for five years and for ten years versus Domestic Core Bond funds. Close tracking of actual index.
- Schroder Long Duration Bottom third return for the quarter relative to Domestic Long Duration Bond funds and just above the Bloomberg Barclay's Long Duration Bond index. Below median for the year and below the index. Top quartile for five years and for ten years and above the index for both periods.

Total Real Estate

 PGIM Real Estate. Below median for the quarter, one year versus Private Real Estate funds. Just below median for five years and bottom quartile for ten. Just above the ODCE Real Estate index for the quarter, above for the year, five years and for ten years.



1 Quarter				
	Market Value 04/01/2017	Net Flows	Return On Investment	Market Value 06/30/2017
Employees' Total Fund	429,295,489	-306,533	16,823,733	445,812,689
	120,200, 100	333,333	10,020,100	1 10,0 1=,000
Total Domestic Equity	223,638,551	-8,936,073	8,545,383	223,247,861
Cooke & Bieler	54,773,567	-3,061,619	2,796,091	54,508,039
NTGI S&P 500	49,026,717	-2,255,186	1,442,928	48,214,459
Sawgrass	52,423,467	-65,529	1,693,396	54,051,333
NTGI S&P 400	22,333,600	-1,002,362	406,693	21,737,931
T Rowe Price	23,761,133	-2,500,000	465,139	21,726,272
Summit Creek	21,320,067	-51,377	1,741,137	23,009,827
Total International Equity	82,278,126	4,750,000	5,899,683	92,927,809
Templeton	35,075,089	1,400,000	2,052,277	38,527,366
MFS	34,431,591	1,950,000	3,272,088	39,653,679
International Emerging Equity				
Vanguard EM	12,771,446	1,400,000	575,317	14,746,763
Total Domestic Fixed Income	95,579,850	3,947,843	1,922,298	101,449,991
Schroder Intermediate Duration	49,109,551	3,964,321	623,933	53,697,805
NTGI Government / Credit	27,850,465	-2,946	471,007	28,318,526
Schroder Long Duration	18,619,833	-13,532	827,359	19,433,660
Real Estate				
PGIM	27,798,725	-68,302	456,251	28,186,673
Cash	238	-	117	355



	Market Value		Return On	Market Value
	01/01/2017	Net Flows	Investment	06/30/2017
Employees' Total Fund	409,531,003	-606,284	36,887,969	445,812,689
Total Domestic Equity	211,527,997	-9,123,629	20,843,494	223,247,861
Cooke & Bieler	51,454,507	-3,132,368	6,185,900	54,508,039
NTGI S&P 500	46,226,419	-2,260,181	4,248,221	48,214,459
Sawgrass	49,183,102	-127,008	4,995,240	54,051,333
NTGI S&P 400	21,486,740	-1,004,684	1,255,875	21,737,931
T Rowe Price	23,454,504	-2,500,000	771,768	21,726,272
Summit Creek	19,722,724	-99,388	3,386,490	23,009,827
Total International Equity	75,939,723	4,750,000	12,238,086	92,927,809
Templeton	32,707,520	1,400,000	4,419,846	38,527,366
MFS	31,809,578	1,950,000	5,894,102	39,653,679
International Emerging Equity				
Vanguard EM	11,422,625	1,400,000	1,924,138	14,746,763
Total Domestic Fixed Income	94,608,676	3,895,608	2,945,706	101,449,991
Schroder Intermediate Duration	48,672,802	3,928,716	1,096,287	53,697,805
NTGI Government / Credit	27,578,963	-5,926	745,489	28,318,526
Schroder Long Duration	18,356,911	-27,182	1,103,930	19,433,660
Real Estate				
PGIM	27,454,369	-128,262	860,566	28,186,673
Cash	237	-	117	355



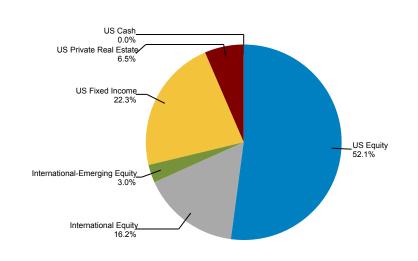
1 Year				
	Market Value 07/01/2016	Net Flows	Return On Investment	Market Value 06/30/2017
Employees' Total Fund	398,079,145	-8,210,396	55,943,940	445,812,689
Total Domestic Equity	204,876,879	-18,886,077	37,257,059	223,247,861
Cooke & Bieler	49,433,413	-6,466,787	11,541,412	54,508,039
NTGI S&P 500	46,264,834	-5,769,952	7,719,578	48,214,459
Sawgrass	50,391,491	-2,250,642	5,910,484	54,051,333
NTGI S&P 400	21,620,817	-3,509,435	3,626,549	21,737,931
T Rowe Price	19,547,706	-2,500,000	4,678,566	21,726,272
Summit Creek	17,618,619	1,610,739	3,780,469	23,009,827
Total International Equity	65,873,329	10,800,000	16,254,480	92,927,809
Templeton	27,343,598	4,500,000	6,683,768	38,527,366
MFS	29,037,765	3,600,000	7,015,914	39,653,679
International Emerging Equity				
Vanguard EM	9,491,966	2,700,000	2,554,797	14,746,763
Total Domestic Fixed Income	100,915,970	135,036	398,985	101,449,991
Schroder Intermediate Duration	49,375,138	3,857,600	465,067	53,697,805
NTGI Government / Credit	28,440,732	-12,060	-110,146	28,318,526
Schroder Long Duration	23,100,101	-3,710,504	44,063	19,433,660
Real Estate				
PGIM	26,412,846	-259,355	2,033,183	28,186,673
Cash	121	-	234	355



	Domestic	Domestic Equity International Equity		Emerging	Emerging Equity Domestic Fixed Income		Real E	Real Estate		Cash Equivalent		Total Fund		
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Employees' Total Fund	216,754	48.6	78,181	17.5	14,747	3.3	100,369	22.5	28,187	6.3	7,575	1.7	445,813	100.0
Total Domestic Equity	216,754	97.1	-	-	-	-	-	-	-	-	6,494	2.9	223,248	50.1
Cooke & Bieler	51,227	94.0	-	-	-	-	-	-	-	-	3,281	6.0	54,508	12.2
NTGI S&P 500	48,214	100.0	-	-	-	-	-	-	-	-	-	-	48,214	10.8
Sawgrass	51,535	95.3	-	-	-	-	-	-	-	-	2,516	4.7	54,051	12.1
NTGI S&P 400	21,738	100.0	-	-	-	-	-	-	-	-	-	-	21,738	4.9
T Rowe Price	21,726	100.0	-	-	-	-	-	-	-	-	-	-	21,726	4.9
Summit Creek	22,314	97.0	-	-	-	-	-	-	-	-	696	3.0	23,010	5.2
Total International Equity	-	-	78,181	84.1	14,747	15.9	-	-	-	-	-	-	92,928	20.8
Templeton	-	-	38,527	100.0	-	-	-	-	-	-	-	-	38,527	8.6
MFS	-	-	39,654	100.0	-	-	-	-	-	-	-	-	39,654	8.9
International Emerging Equity														
Vanguard EM	-	-	-	-	14,747	100.0	-	-	-	-	-	-	14,747	3.3
Total Domestic Fixed Income	-	-	-	-	-	-	100,369	98.9	-	-	1,081	1.1	101,450	22.8
Schroder Intermediate Duration	-	-	-	-	-	-	53,036	98.8	-	-	662	1.2	53,698	12.0
NTGI Government / Credit	-	-	-	-	-	-	28,319	100.0	-	-	-	-	28,319	6.4
Schroder Long Duration	-	-	-	-	-	-	19,015	97.8	-	-	419	2.2	19,434	4.4
Real Estate														
PGIM	-	-	-	-	-	-	-	-	28,187	100.0	-	-	28,187	6.3
Cash		-	-	-		-	_	-	-	-	-	100.0	_	0.0

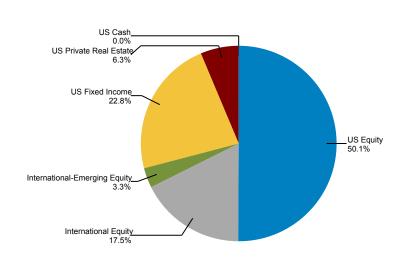


March 31, 2017 : \$429,295,489



Allocation		
	Market Value	Allocation
■ US Equity	223,638,551	52.1
International Equity	69,506,680	16.2
International-Emerging Equity	12,771,446	3.0
US Fixed Income	95,579,850	22.3
US Private Real Estate	27,798,725	6.5
US Cash	238	0.0

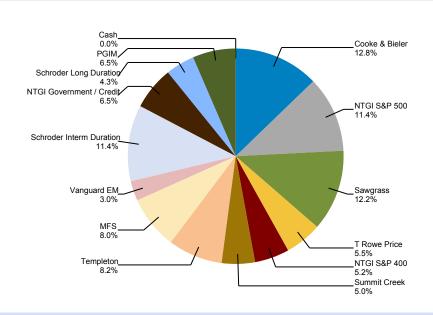
June 30, 2017 : \$445,812,689



Allocation		
	Market Value	Allocation
■ US Equity	223,247,861	50.1
International Equity	78,181,046	17.5
International-Emerging Equity	14,746,763	3.3
US Fixed Income	101,449,991	22.8
US Private Real Estate	28,186,673	6.3
■ US Cash	355	0.0

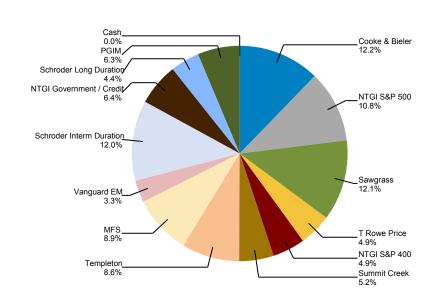


March 31, 2017 : \$429,295,489



Allocation		
	Market Value	Allocation
Cooke & Bieler	54,773,567	12.8
■ NTGI S&P 500	49,026,717	11.4
Sawgrass	52,423,467	12.2
T Rowe Price	23,761,133	5.5
■ NTGI S&P 400	22,333,600	5.2
Summit Creek	21,320,067	5.0
Templeton	35,075,089	8.2
MFS	34,431,591	8.0
Vanguard EM	12,771,446	3.0
Schroder Interm Duration	49,109,551	11.4
NTGI Government / Credit	27,850,465	6.5
Schroder Long Duration	18,619,833	4.3
■ PGIM	27,798,725	6.5
Cash	238	0.0

June 30, 2017 : \$445,812,689



	Market Value	Allocation
Cooke & Bieler	54,508,039	12.2
■ NTGI S&P 500	48,214,459	10.8
Sawgrass	54,051,333	12.1
T Rowe Price	21,726,272	4.9
NTGI S&P 400	21,737,931	4.9
Summit Creek	23,009,827	5.2
Templeton	38,527,366	8.6
MFS	39,653,679	8.9
■ Vanguard EM	14,746,763	3.3
Schroder Interm Duration	53,697,805	12.0
■ NTGI Government / Credit	28,318,526	6.4
Schroder Long Duration	19,433,660	4.4
PGIM	28,186,673	6.3
Cash	355	0.0

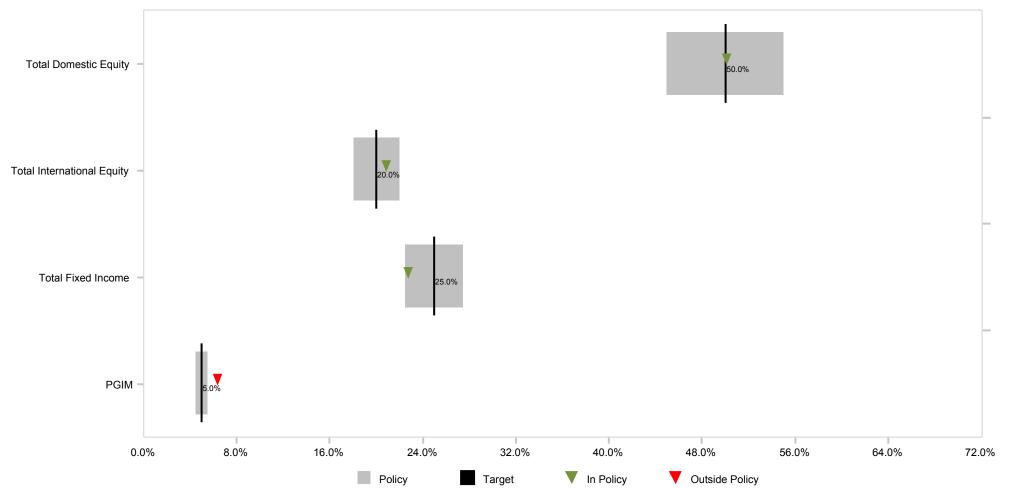


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	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Employee's Total Fund	445,812,689	100.0		100.0		-	0.0
Total Domestic Equity	223,247,861	50.1	45.0	50.0	55.0	-341,517	0.1
Total International Equity	92,927,809	20.8	18.0	20.0	22.0	-3,765,271	0.8
Total Fixed Income	101,449,991	22.8	22.5	25.0	27.5	10,003,182	-2.2
PGIM	28,186,673	6.3	4.5	5.0	5.5	-5,896,039	1.3

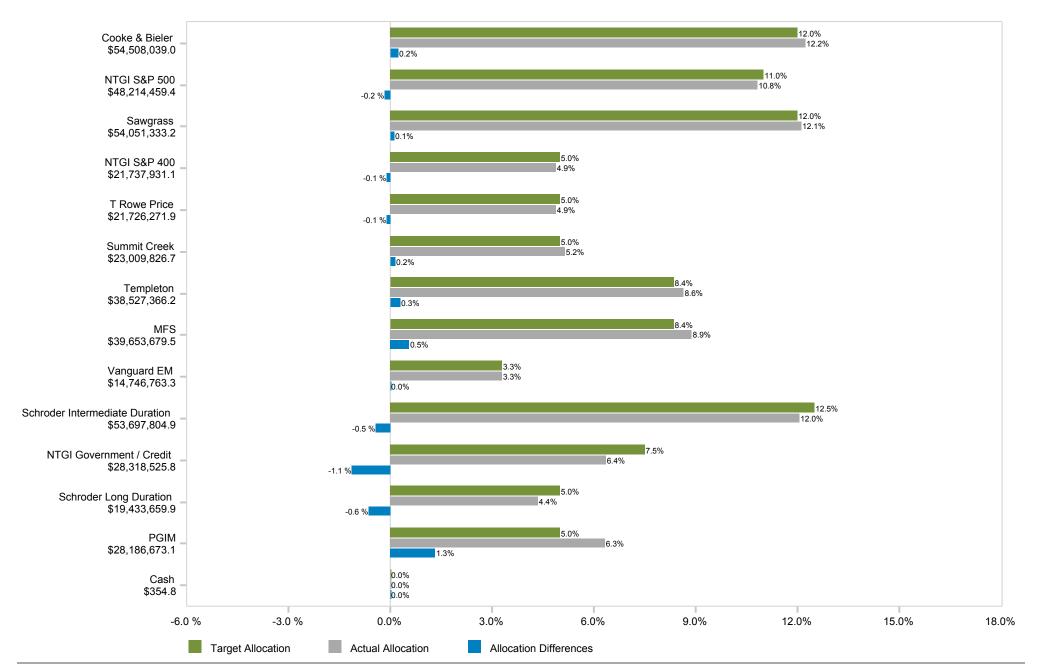
Allocation Summary





Asset Allocation Compliance					
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Target Rebal. (\$000)	Differences (%)
Employee's Total Fund	445,812,689	100.0	100.0	-	0.0
Total Equity	316,175,670	70.9	70.0	-4,106,788	0.9
Total Domestic Equity	223,247,861	50.1	50.0	-341,517	0.1
Cooke & Bieler	54,508,039	12.2	12.0	-1,010,516	0.2
NTGI S&P 500	48,214,459	10.8	11.0	824,936	-0.2
Sawgrass	54,051,333	12.1	12.0	-553,811	0.1
NTGI S&P 400	21,737,931	4.9	5.0	552,703	-0.1
T Rowe Price	21,726,272	4.9	5.0	564,363	-0.1
Summit Creek	23,009,827	5.2	5.0	-719,192	0.2
Total International Equity	92,927,809	20.8	20.0	-3,765,271	0.8
Templeton	38,527,366	8.6	8.4	-1,302,007	0.3
MFS	39,653,679	8.9	8.4	-2,428,320	0.5
Vanguard EM	14,746,763	3.3	3.3	-34,945	0.0
Total Fixed Income	101,449,991	22.8	25.0	10,003,182	-2.2
Total Domestic Fixed Income	101,449,991	22.8	25.0	10,003,182	-2.2
Schroder Intermediate Duration	53,697,805	12.0	12.5	2,028,781	-0.5
NTGI Government / Credit	28,318,526	6.4	7.5	5,117,426	-1.1
Schroder Long Duration	19,433,660	4.4	5.0	2,856,975	-0.6
PGIM	28,186,673	6.3	5.0	-5,896,039	1.3
Cash	355	0.0	0.0	-355	0.0







Comparative Performance												
	Q	TR	FY	TD	1 `	ΥR	3 `	/R	5 \	/R	10	YR
Employees' Total Fund	3.92	(11)	9.01	(10)	14.27	(14)	6.42	(10)	10.52	(6)	6.77	(5)
Sioux Falls Total Policy	3.14	(41)	7.65	(44)	14.30	(13)	6.12	(16)	10.04	(11)	5.62	(37)
All Master Trust - Total Fund Median	2.96		7.49		11.92		5.00		8.51		5.39	
Employee's Total Fund	3.92	(23)	9.01	(39)	14.27	(49)	6.42	(20)	10.52	(26)	6.77	(11)
Sioux Falls Total Policy	3.14	(72)	7.65	(77)	14.30	(47)	6.12	(31)	10.04	(39)	5.62	(55)
Master Trust >=70% Equity Median	3.40		8.72		14.24		5.74		9.74		5.75	
Total Domestic Equity	3.97	(22)	10.02	(26)	19.07	(39)	9.10	(35)	14.32	(48)	7.78	(18)
Russell 3000 Index	3.02	(61)	8.93	(54)	18.51	(53)	9.10	(35)	14.58	(38)	7.26	(33)
All Master Trust-US Equity Segment Median	3.13		9.00		18.56		8.56		14.23		6.79	
Cooke & Bieler	5.39	(3)	12.34	(3)	25.05	(11)	10.95	(5)	15.56	(22)	7.86	(19)
Russell 1000 Value Index	1.34	(72)	4.66	(73)	15.53	(71)	7.36	(56)	13.94	(56)	5.57	(84)
IM U.S. Large Cap Value Equity (SA+CF) Median	2.05		6.29		17.93		7.59		14.20		6.54	
NTGI S&P 500	3.07	(43)	9.33	(43)	17.90	(45)	9.71	(31)	14.71	(42)	7.17	(63)
S&P 500 Index	3.09	(43)	9.34	(43)	17.90	(45)	9.61	(35)	14.63	(45)	7.18	(63)
IM U.S. Large Cap Core Equity (SA+CF) Median	2.95		9.09		17.43		9.17		14.50		7.52	
Sawgrass	3.23	(85)	10.17	(86)	12.16	(98)	8.97	(70)	13.94	(75)	8.05	(70)
Russell 1000 Growth Index	4.67	(57)	13.99	(53)	20.42	(49)	11.11	(34)	15.30	(43)	8.91	(48)
IM U.S. Large Cap Growth Equity (SA+CF) Median	5.06		14.12		20.28		10.41		14.95		8.84	
NTGI S&P 400	1.90	(67)	5.93	(75)	18.49	(54)	8.56	(39)	15.00	(58)	8.64	(46)
S&P MidCap 400 Index	1.97	(57)	5.99	(67)	18.57	(49)	8.53	(44)	14.92	(67)	8.56	(63)
IM U.S. Mid Cap Core Equity (SA+CF) Median	1.99		6.48		18.55		8.50		15.22		8.62	
T Rowe Price	2.27	(22)	3.61	(12)	24.32	(36)	7.56	(18)	13.42	(35)	8.14	(1)
Russell 2000 Value Index	0.67	(47)	0.54	(41)	24.86	(33)	7.02	(30)	13.39	(35)	5.92	(42)
IM U.S. Small Cap Value Equity (MF) Median	0.58		-0.43		21.70		5.33		12.69		5.66	
Summit Creek	8.18	(11)	17.21	(10)	20.07	(81)	N/A		N/A		N/A	
Russell 2000 Growth Index	4.39	(59)	9.97	(53)	24.40	(54)	7.64	(54)	13.98	(55)	7.82	(57)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	4.99		10.28		24.67		8.14		14.31		8.07	



	Q.	TR	FY	TD	1)	r	3 `	YR	5 \	/R	10	YR
Total International Equity	6.80	(27)	15.72	(37)	22.85	(21)	1.41	(79)	8.08	(70)	2.72	(37)
MSCI AC World ex USA (Net)	5.78	(65)	14.10	(68)	20.45	(45)	0.80	(90)	7.22	(91)	1.13	(84)
All Master Trust-Intl. Equity Segment Median	6.13		14.87		20.20		2.32		8.93		2.30	
Templeton	5.60	(48)	13.24	(37)	22.63	(23)	0.12	(36)	8.16	(9)	1.81	(2)
MSCI EAFE Value Index (Net)	4.78	(58)	11.12	(93)	25.01	(1)	-0.59	(62)	8.12	(10)	-0.08	(41)
IM International Large Cap Value Equity (MF) Median	5.02		12.15		20.70		-0.38		7.30		-0.25	
MFS	8.98	(13)	17.97	(17)	22.64	(4)	3.20	(36)	9.40	(8)	4.17	(3)
MSCI EAFE Growth Index (Net)	7.52	(41)	16.68	(33)	15.70	(72)	2.81	(45)	9.19	(16)	2.06	(70)
IM International Large Cap Growth Equity (MF) Median	7.26		16.26		17.77		2.59		7.97		2.36	
Vanguard EM	4.13	(80)	16.43	(70)	24.75	(22)	0.18	(61)	N/A		N/A	
MSCI Emerging Markets (Net) Index	6.27	(40)	18.43	(53)	23.75	(29)	1.07	(43)	3.96	(48)	1.92	(39)
IM Emerging Markets Equity (MF) Median	5.95		18.68		21.14		0.69		3.84		1.36	
Total Domestic Fixed Income	1.94	(36)	3.04	(49)	0.32	(70)	3.32	(42)	3.76	(37)	6.81	(22)
Bloomberg Barclays U.S. Aggregate Index	1.45	(60)	2.27	(71)	-0.31	(83)	2.48	(67)	2.21	(72)	4.48	(75)
All Master Trust-US Fixed Income Segment Median	1.63		2.95		1.25		3.04		3.11		5.25	
Schroder Intermediate Duration	1.19	(17)	2.17	(18)	0.86	(26)	2.48	(26)	3.18	(9)	N/A	
Bloomberg Barclays Intermediate US Govt/Credit Idx	0.94	(73)	1.73	(67)	-0.21	(86)	1.92	(81)	1.77	(84)	3.87	(91)
IM U.S. Intermediate Duration (SA+CF) Median	1.03		1.86		0.39		2.21		2.17		4.37	
NTGI Government / Credit	1.69	(24)	2.70	(30)	-0.39	(86)	2.64	(65)	2.32	(82)	4.67	(80)
Blmbg. Barc. U.S. Gov't/Credit	1.69	(24)	2.66	(33)	-0.41	(88)	2.62	(67)	2.29	(84)	4.57	(86)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.54		2.52		0.33		2.78		2.70		4.98	
Schroder Long Duration	4.45	(60)	6.02	(81)	-0.07	(61)	5.66	(41)	6.14	(12)	9.01	(15)
Blmbg. Barc. U.S. Long Government/Credit	4.39	(69)	6.03	(80)	-1.07	(94)	5.28	(76)	4.26	(93)	7.58	(86)
IM U.S. Long Duration (SA+CF) Median	4.48		6.41		0.19		5.53		5.05		8.25	
Real Estate												
PGIM	1.64	(66)	3.14	(73)	7.72	(63)	11.51	(39)	11.78	(56)	4.70	(84)
NCREIF Fund Index-ODCE (EW) (Net)	1.59	(74)	3.24	(64)	7.32	(71)	10.70	(65)	10.86	(75)	4.17	(90)
IM U.S. Open End Private Real Estate (SA+CF) Median	1.79		3.43		8.04		11.11		11.96		5.04	
Cash	0.16		0.27		0.41		N/A		N/A		N/A	
90 Day U.S. Treasury Bill	0.20		0.30		0.44		0.20		0.15		0.55	



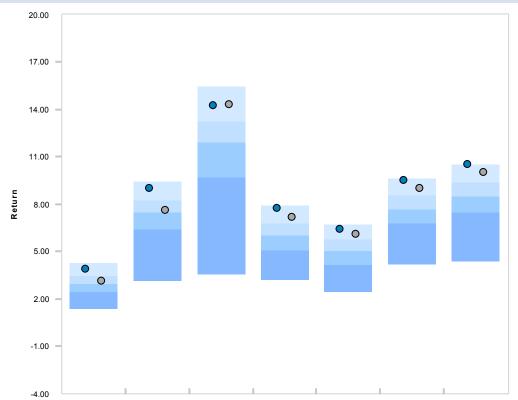
Comparative Performance										
	Ye End	1 Year Ending Jun-2017		1 Year Ending Jun-2016		1 Year Ending Jun-2015		1 Year Ending Jun-2014		l ear ling 2013
Employees' Total Fund	14.27	(14)	1.60	(34)	3.80	(29)	19.23	(10)	14.77	(10)
Sioux Falls Total Policy	14.30	(13)	0.50	(52)	4.04	(25)	18.18	(19)	14.24	(14)
All Master Trust - Total Fund Median	11.92		0.57		2.72		16.31		11.64	
Employee's Total Fund	14.27	(49)	1.60	(14)	3.80	(42)	19.23	(48)	14.77	(47)
Sioux Falls Total Policy	14.30	(47)	0.50	(29)	4.04	(33)	18.18	(65)	14.24	(56)
Master Trust >=70% Equity Median	14.24		-0.77		3.45		19.14		14.68	
Total Domestic Equity	19.07	(39)	2.29	(28)	6.61	(53)	23.39	(69)	21.87	(50)
Russell 3000 Index	18.51	(53)	2.14	(31)	7.29	(40)	25.22	(35)	21.46	(56)
All Master Trust-US Equity Segment Median	18.56		0.88		6.73		24.49		21.83	
Cooke & Bieler	25.05	(11)	0.94	(40)	8.21	(18)	21.37	(86)	24.29	(54)
Russell 1000 Value Index	15.53	(71)	2.86	(30)	4.13	(62)	23.81	(57)	25.32	(43)
IM U.S. Large Cap Value Equity (SA+CF) Median	17.93		-0.45		5.22		24.45		24.66	
NTGI S&P 500	17.90	(45)	4.08	(26)	7.60	(57)	24.63	(60)	20.70	(54)
S&P 500 Index	17.90	(45)	3.99	(28)	7.42	(61)	24.61	(61)	20.60	(56)
IM U.S. Large Cap Core Equity (SA+CF) Median	17.43		1.52		8.13		25.29		20.91	
Sawgrass	12.16	(98)	6.24	(9)	8.60	(74)	24.69	(76)	19.00	(36)
Russell 1000 Growth Index	20.42	(49)	3.02	(20)	10.56	(59)	26.92	(52)	17.07	(55)
IM U.S. Large Cap Growth Equity (SA+CF) Median	20.28		-0.59		11.23		27.15		17.40	
NTGI S&P 400	18.49	(54)	1.42	(26)	6.47	(67)	25.41	(65)	25.36	(42)
S&P MidCap 400 Index	18.57	(49)	1.33	(39)	6.40	(81)	25.24	(77)	25.18	(54)
IM U.S. Mid Cap Core Equity (SA+CF) Median	18.55		0.14		7.80		26.95		25.22	
T Rowe Price	24.32	(36)	1.92	(6)	-1.78	(64)	21.88	(68)	23.78	(53)
Russell 2000 Value Index	24.86	(33)	-2.58	(33)	0.78	(36)	22.54	(61)	24.77	(45)
IM U.S. Small Cap Value Equity (MF) Median	21.70		-4.58		-0.20		23.32		24.07	
Summit Creek	20.07	(81)	-7.21	(37)	N/A		N/A		N/A	
Russell 2000 Growth Index	24.40	(54)	-10.75	(55)	12.34	(38)	24.73	(41)	23.67	(50)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	24.67		-9.87		10.72		23.62		23.54	

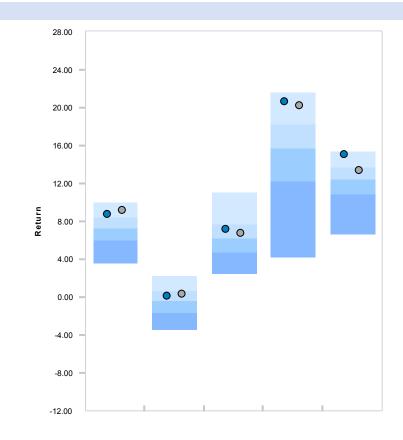


		ear ling	1 Year Ending Jun-2016		1 Ye End Jun∹	ar ing	1 Ye End Jun-	ar ling	End	ar
Total International Equity	22.85	(21)	-11.76	(90)	-3.79	(72)	21.48	(62)	16.37	(48)
MSCI AC World ex USA (Net)	20.45	(45)	-10.24	(79)	-5.26	(91)	21.75	(59)	13.63	(77)
All Master Trust-Intl. Equity Segment Median	20.20		-8.70		-2.79		22.21		16.23	
Templeton	22.63	(23)	-13.90	(51)	-4.94	(15)	22.79	(37)	20.09	(7)
MSCI EAFE Value Index (Net)	25.01	(1)	-15.43	(63)	-7.09	(80)	26.86	(8)	18.56	(19)
IM International Large Cap Value Equity (MF) Median	20.70		-13.81		-5.94		20.87		15.93	
MFS	22.64	(4)	-10.03	(56)	-0.40	(39)	20.79	(38)	18.06	(12)
MSCI EAFE Growth Index (Net)	15.70	(72)	-4.80	(15)	-1.33	(50)	20.33	(43)	18.67	(8)
IM International Large Cap Growth Equity (MF) Median	17.77		-9.89		-1.36		19.80		14.63	
Vanguard EM	24.75	(22)	-10.61	(55)	-9.85	(73)	N/A		N/A	
MSCI Emerging Markets (Net) Index	23.75	(29)	-12.05	(69)	-5.12	(37)	14.31	(49)	2.87	(55)
IM Emerging Markets Equity (MF) Median	21.14	, ,	-10.31	, ,	-6.72	, ,	14.18	, ,	3.36	
Total Domestic Fixed Income	0.32	(70)	7.89	(26)	1.90	(39)	8.85	(19)	0.16	(56)
Bloomberg Barclays U.S. Aggregate Index	-0.31	(83)	6.00	(41)	1.86	(42)	4.37	(81)	-0.69	(70)
All Master Trust-US Fixed Income Segment Median	1.25		5.52		1.63		5.89		0.43	
Schroder Intermediate Duration	0.86	(26)	4.76	(30)	1.87	(39)	5.65	(10)	2.84	(8)
Bloomberg Barclays Intermediate US Govt/Credit Idx	-0.21	(86)	4.33	(62)	1.68	(59)	2.86	(85)	0.28	(73)
IM U.S. Intermediate Duration (SA+CF) Median	0.39		4.45		1.78		3.63		0.77	
NTGI Government / Credit	-0.39	(86)	6.70	(14)	1.74	(79)	4.38	(79)	-0.63	(86)
Blmbg. Barc. U.S. Gov't/Credit	-0.41	(88)	6.70	(14)	1.69	(83)	4.28	(85)	-0.62	(84)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	0.33		6.14		2.05		4.98		0.17	
Schroder Long Duration	-0.07	(61)	15.65	(24)	2.08	(31)	15.72	(3)	-1.34	(32)
Blmbg. Barc. U.S. Long Government/Credit	-1.07	(94)	15.72	(23)	1.94	(39)	10.77	(83)	-4.69	(93)
IM U.S. Long Duration (SA+CF) Median	0.19		15.04		1.64		11.82		-2.92	
Real Estate										
PGIM	7.72	(63)	12.75	(42)	14.15	(65)	13.69	(52)	10.74	(79)
NCREIF Fund Index-ODCE (EW) (Net)	7.32	(71)	11.24	(84)	13.64	(74)	11.37	(82)	10.80	(77)
IM U.S. Open End Private Real Estate (SA+CF) Median	8.04		12.63		15.09		13.80		13.05	
Cash	0.41		0.03		N/A		0.08		0.00	
90 Day U.S. Treasury Bill	0.44		0.13		0.03		0.04		0.09	



Peer Group Analysis - All Master Trust - Total Fund





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
Employees'	3.92 (11)	9.01 (10)	14.27 (14)	7.75 (8)	6.42 (10)	9.49 (6)	10.52 (6)	Employees'	8.74 (19)	0.06 (39)	7.15 (33)	20.59 (9)	15.04 (8)
Sioux Falls Policy	3.14 (41)	7.65 (45)	14.30 (13)	7.18 (16)	6.12 (16)	9.02 (15)	10.04 (11)	Sioux Falls Policy	9.17 (14)	0.31 (33)	6.76 (40)	20.23 (11)	13.32 (32)
Median	2.96	7.49	11.92	6.07	5.00	7.71	8.51	Median	7.24	-0.42	6.25	15.69	12.40

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Employees'	4.90 (20)	1.45 (21)	3.33 (59)	1.64 (67)	2.06 (18)	3.17 (25)
Sioux Falls Total Policy	4.36 (48)	1.82 (13)	4.29 (14)	1.89 (52)	0.90 (58)	3.89 (5)
All Master Trust - Total Fund Median	4.31	0.60	3.51	1.91	1.09	2.49



3 Yr Rolling Under/Over Performance - 5 Years 20.0 Over 16.0 (%) 12.0 8.0 8.0 4.0 Performance 8.0 Under Performance 0.0 4.0 20.0 0.0 8.0 12.0 16.0 Sioux Falls Total Policy (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 0 0 25.0 50.0 75.0 100.0 3/13 9/15 3/14 9/14 3/15 9/16 6/17 9/12 9/13 3/16

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Employees'	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)
 Sioux Falls Policy 	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)

Peer Group Scattergram - 3 Years 7.05 8 6.58 6.11 5.64 \bigcirc 5.17 4.70 6.93 6.09 6.30 6.51 6.72 7.14 7.35 7.56 7.77 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Pee	er Group Sc	attergram	- 5 Years						
Return (%)	11.39 10.72 = 10.05 = 9.38 =					•	()	
Ľ	8.71 – 8.04 5.70	5.89	6.08	6.27	6.46	6.65	6.84	7.03	7.22
				Risk (Sta	ndard Deviati	on %)			

	Return	Standard Deviation
Employees'	6.42	6.99
 Sioux Falls Policy 	6.12	7.44
Median	5.00	6.32

	Return	Standard Deviation
Employees'	10.52	6.66
 Sioux Falls Policy 	10.04	6.94
Median	8.50	5.99

Historical Statistics - 3 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
Employees'	1.05	96.23	89.38	0.68	0.23	0.90	0.93	4.09	
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	0.81	1.00	4.46	

Historical Statistics - 5	ears (
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	0.99	99.44	90.81	0.92	0.42	1.52	0.95	3.53
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	1.40	1.00	3.76



Peer Group Analysis - Master Trust >=70% Equity 23.00 35.00 30.00 20.00 25.00 17.00 0 0 20.00 0 0 14.00 15.00 Return 0 11.00 0 0 10.00 00 0 0 0 8.00 0 0 5.00 0 0 5.00 0 0.00 0 2.00 -5.00 -1.00 -10.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR 2016 2015 2014 2013 2012 3.92 (23) 0.06 (33) Employees' 9.01 (39) 14.27 (49) 7.75 (18) 6.42 (20) 9.49 (20) 10.52 (26) Employees' 8.74 (37) 7.15 (39) 20.59 (48) 15.04 (23) Sioux Falls Policy 3.14 (72) 7.65 (77) 14.30 (47) 7.18 (40) 6.12 (31) 9.02 (45) 10.04 (39) Sioux Falls Policy 9.17 (29) 0.31 (29) 6.76 (44) 20.23 (52) 13.32 (54) Median 3.40 8.72 14.24 6.87 5.74 8.80 9.74 Median 8.36 -0.83 6.52 20.39 13.54 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending Ending Ending **Ending** Ending Mar-2017 Dec-2016 Sep-2016 Jun-2016 Mar-2016 Dec-2015 Employees' 4.90 (62) 1.45 (54) 3.33 (83) 1.64 (53) 2.06 (7) 3.17 (81) Sioux Falls Total Policy 4.36 (87)1.82 (36)4.29 (39)1.89 (39)0.90 (48)3.89 (38)

4.21

1.67

0.88

1.46

5.14



3.60

Master Trust >=70% Equity Median

9/16

6/17

3 Yr Rolling Under/Over Performance - 5 Years 20.0 Over 16.0 (%) 12.0 8.0 8.0 8.0 4.0 Performance Under Performance 0.0 4.0 12.0 20.0 0.0 8.0 16.0 Sioux Falls Total Policy (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 100.0

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Employees'	20	14 (70%)	6 (30%)	0 (0%)	0 (0%)	
 Sioux Falls Policy 	20	2 (10%)	18 (90%)	0 (0%)	0 (0%)	

3/15

9/15

3/16

9/14

3/14

3/13

9/13

9/12

Peer Group Scattergram - 3 Years 6.60 5 6.30 6.80 7.00 7.20 7.40 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Pee	er Group Scatt	ergram - 5 Years				
()	10.66	•				
Return (%	10.14 -			0		
œ	9.88 -					
	9.62	1				
	6.40	6.60	6.80	7.00	7.20	7.40
			Risk (Standard I	Deviation %)		

	Return	Standard Deviation
Employees'	6.42	6.99
 Sioux Falls Policy 	6.12	7.44
Median	5.73	7.67

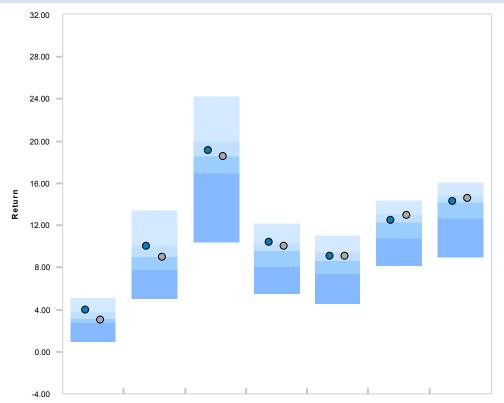
	Return	Standard Deviation
Employees'	10.52	6.66
 Sioux Falls Policy 	10.04	6.94
Median	9.75	7.22
Sioux Falls Policy	10.04	6.94

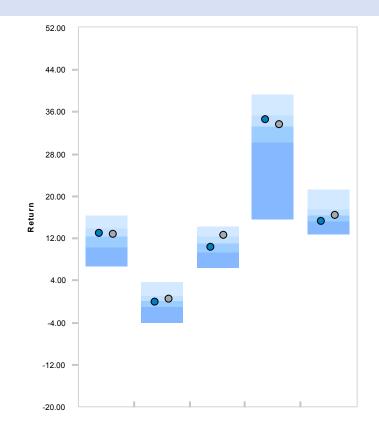
Historical Statistics - 3 Y	ears ears							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	1.05	96.23	89.38	0.68	0.23	0.90	0.93	4.09
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	0.81	1.00	4.46

Historical Statistics - 5 Y	ears ears							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	0.99	99.44	90.81	0.92	0.42	1.52	0.95	3.53
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	1.40	1.00	3.76



Peer Group Analysis - All Master Trust-US Equity Segment





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
 Total Domestic Equity 	3.97 (22)	10.02 (26)	19.07 (39)	10.36 (25)	9.10 (35)	12.51 (44)	14.32 (48)	 Total Domestic Equity 	12.94 (41)	-0.12 (57)	10.22 (65)	34.60 (34)	15.32 (74)
O Russell 3000	3.02 (61)	8.93 (54)	18.51 (53)	10.02 (35)	9.10 (35)	12.93 (31)	14.58 (38)	O Russell 3000	12.74 (44)	0.48 (42)	12.56 (23)	33.55 (46)	16.42 (50)
Median	3.13	9.00	18.56	9.50	8.56	12.32	14.23	Median	12.44	0.18	11.12	33.22	16.36

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Total Domestic Equity	5.82 (40)	4.61 (36)	3.45 (89)	1.86 (75)	2.45 (9)	5.40 (59)
Russell 3000	5.74 (44)	4.21 (46)	4.40 (63)	2.63 (42)	0.97 (43)	6.27 (27)
All Master Trust-US Equity Segment Median	5.65	4.12	4.66	2.50	0.83	5.67



3 Yr Rolling Under/Over Performance - 5 Years Cotal Domestic Ednity (%) 30.0 24.0 18.0 12.0 6.0 Over Performance Under Performance 6.0 12.0 18.0 30.0 0.0 24.0 Russell 3000 (%) Over Performance Under Performance Earliest Date X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 3/13 3/14 9/14 9/15 9/16 6/17 9/12 9/13 3/15 3/16

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
 Total Domestic Equity 	20	1 (5%)	13 (65%)	6 (30%)	0 (0%)
Russell 3000	20	2 (10%)	16 (80%)	2 (10%)	0 (0%)

9.20 9.00 E 8.80 8.40 10.20 10.26 10.32 10.38 10.44 10.50 10.56 Risk (Standard Deviation %)

Peer (Group Sca	ıttergram -	5 Years					
14.	.80							
% 14.	.60 -							
14. 14.	40 -							
ž _{14.}	.20 -							
14.		1						
	9.48	9.52	9.56	9.60	9.64	9.68	9.72	9.76
			ı	Risk (Standard D	Deviation %)			

	Return	Standard Deviation
 Total Domestic Equity 	9.10	10.26
Russell 3000	9.10	10.48
Median	8.56	10.45

	Return	Standard Deviation	
 Total Domestic Equity 	14.32	9.55	
Russell 3000	14.58	9.72	
Median	14.23	9.64	

Historical Statistics - 3 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
Total Domestic Equity	1.79	96.93	94.19	0.30	-0.01	0.88	0.97	5.82	
Russell 3000	0.00	100.00	100.00	0.00	N/A	0.87	1.00	5.93	

Historical Statistics - 5 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
Total Domestic Equity	1.50	96.64	93.62	0.17	-0.17	1.44	0.97	4.94	
Russell 3000	0.00	100.00	100.00	0.00	N/A	1.44	1.00	5.06	



Peer Group Analysis - IM U.S. Large Cap Value Equity (SA+CF) 35.00 60.00 30.00 50.00 0 25.00 40.00 0 0 20.00 30.00 0 15.00 20.00 Return 0 Return 0 00 0 10.00 10.00 0 0 5.00 0 0.00 00 0 0.00 -10.00 -5.00 -20.00 -10.00 -30.00 QTR **FYTD** 1 YR 3 YR 4 YR 2 YR 5 YR 2016 2015 2014 2013 2012 10.95 (5) Ocoke & Bieler 15.82 (38) 12.04 (53) 12.34 (3) Ocoke & Bieler 5.39 (3) 25.05 (11) 12.35 (7) 13.47 (13) 15.56 (22) -1.66 (44) 37.75 (26) 11.76 (83)

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Cooke & Bieler	6.59 (7)	6.62 (46)	4.40 (45)	1.17 (75)	2.84 (20)	5.87 (37)
Russell 1000 Value	3.27 (70)	6.68 (46)	3.48 (61)	4.58 (14)	1.64 (35)	5.64 (45)
IM U.S. Large Cap Value Equity (SA+CF) Median	3.99	6.45	4.08	2.35	0.63	5.42

13.94 (56)

14.20

11.26 (60)

11.62

O Russell 1000 V 17.34 (25)

14.53

Median

-3.83 (68)

-2.29

13.45 (35)

12.22

32.53 (62)

34.27

17.51 (29)

15.66



Russell 1000 V

Median

1.34 (72)

2.05

4.66 (73)

6.29

15.53 (71)

17.93

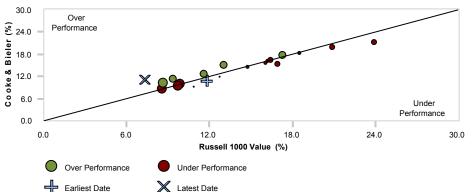
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8.63

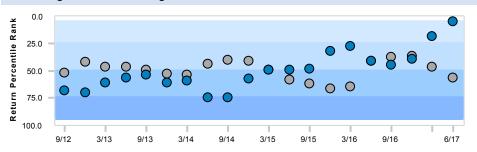
7.36 (56)

7.59

3 Yr Rolling Under/Over Performance - 5 Years 30.0 Over

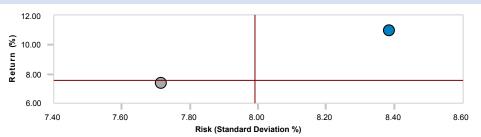


3 Yr Rolling Percentile Ranking - 5 Years



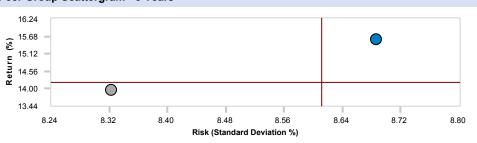
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Cooke & Bieler	20	2 (10%)	8 (40%)	10 (50%)	0 (0%)
Russell 1000 V	20	0 (0%)	12 (60%)	8 (40%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Cooke & Bieler	10.95	8.39
Russell 1000 V	7.36	7.72
Median	7.59	7.99

Peer Group Scattergram - 5 Years



	Return	Standard Deviation	
Cooke & Bieler	15.56	8.69	
Russell 1000 V	13.94	8.32	
Median	14.20	8.61	

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Cooke & Bieler	3.05	107.48	79.95	3.36	1.11	0.99	1.01	6.10
Russell 1000 Value	0.00	100.00	100.00	0.00	N/A	0.72	1.00	6.01

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Cooke & Bieler	2.93	100.73	83.62	1.86	0.49	1.50	0.97	5.23
Russell 1000 Value	0.00	100.00	100.00	0.00	N/A	1.37	1.00	5.22



Peer Group Analysis - IM U.S. Large Cap Core Equity (SA+CF) 32.00 52.00 28.00 44.00 24.00 36.00 0 0 20.00 28.00 • • 16.00 20.00 Return Return 0 0 0 0 0 0 0 0 0 0 12.00 12.00 0 0 0 0 0 0 8.00 4.00 0 0 4.00 -4.00 0 0 0.00 -12.00 -4.00 -20.00 QTR **FYTD** 4 YR 2015 1 YR 2 YR 3 YR 5 YR 2016 2014 2013 2012 9.33 (43) NTGI S&P 500 3.07 (43) 17.90 (45) 10.78 (20) 9.71 (31) 13.26 (39) 14.71 (42) NTGI S&P 500 12.03 (31) 1.50 (46) 13.81 (42) 32.45 (58) 16.07 (44) ■ S&P 500 3.09 (43) 17.90 (45) S&P 500 11.96 (33) 13.69 (44) 32.39 (59) 9.34 (43) 10.73 (22) 9.61 (35) 13.18 (42) 14.63 (45) 1.38 (50) 16.00 (46)

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
NTGI S&P 500	6.07 (45)	3.83 (53)	3.86 (55)	2.47 (38)	1.38 (30)	7.08 (22)
S&P 500	6.07 (45)	3.82 (54)	3.85 (55)	2.46 (39)	1.35 (33)	7.04 (25)
IM U.S. Large Cap Core Equity (SA+CF) Median	5.95	3.95	4.01	2.07	0.61	5.94

14.50

Median

10.52

1.32

13.42

32.94

15.68



Median

2.95

9.09

17.43

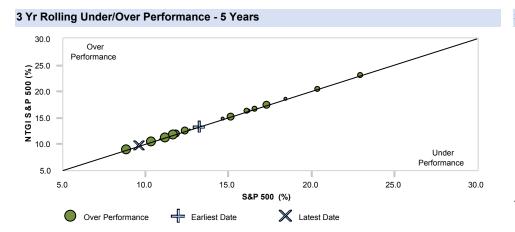
9.51

9.17

12.85

0 (0%)

0 (0%)



3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 75.0 100.0 3/13 9/13 3/14 9/14 3/15 9/15 3/16 9/16 6/17 9/12 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count

0 (0%)

0 (0%)

Peer Group So	cattergram -	3 Years					
9.80							
9 .60 –							
9.40 — 9.20 —							
9.20							
9.00							
6.57	6.66	6.75	6.84	6.93	7.02	7.11	7.20
			Risk (Standard I	Deviation %)			

Pe	er Group So	cattergram -	5 Years					
Return (%)	14.80 14.72 — 14.64 — 14.56 —	•						
	14.48 14.40 7.40	7.50	7.60	7.70 Risk (Standard I	7.80 Deviation %)	7.90	8.00	8.10

11 (55%)

11 (55%)

9 (45%)

9 (45%)

	Return	Standard Deviation
 NTGI S&P 500 	9.71	6.68
○ S&P 500	9.61	6.67
Median	9.17	7.10

	Return	Deviation	
● NTGI S&P 500	14.71	7.49	
S&P 500	14.63	7.49	
Median	14.50	7.98	

Historical Statistic	cs - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
NTGI S&P 500	0.05	100.23	99.50	0.09	1.64	0.94	1.00	5.53	
S&P 500	0.00	100.00	100.00	0.00	N/A	0.93	1.00	5.54	
Historical Statistics - 5 Years									
	Tracking	Up Market	Down Market	Δlnha	Information	Sharpe	Reta	Downside	

NTGI S&P 500

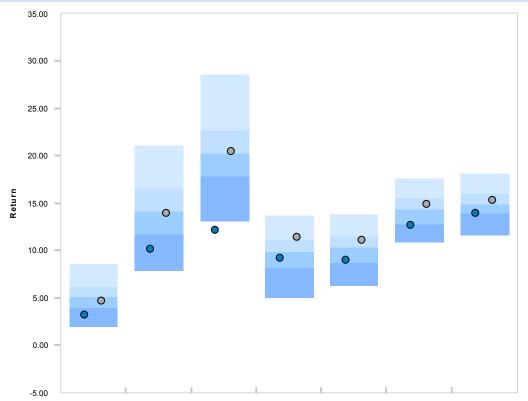
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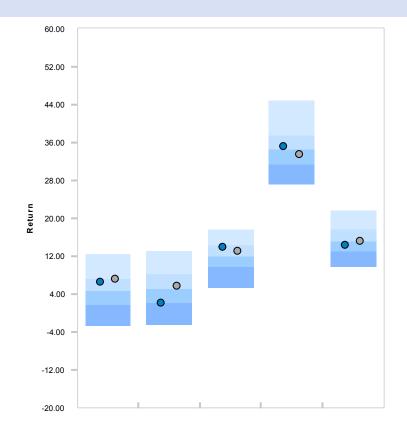
20

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI S&P 500	0.05	100.17	99.49	0.08	1.59	1.49	1.00	4.84
S&P 500	0.00	100.00	100.00	0.00	N/A	1.48	1.00	4.85



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
Sawgrass	3.23 (85)	10.17 (86)	12.16 (98)	9.16 (61)	8.97 (70)	12.71 (79)	13.94 (75)	Sawgrass	6.48 (34)	2.20 (74)	13.92 (30)	35.24 (45)	14.29 (61)
O Russell 1000 G	4.67 (57)	13.99 (53)	20.42 (49)	11.38 (23)	11.11 (34)	14.87 (40)	15.30 (43)	O Russell 1000 G	7.08 (26)	5.67 (45)	13.05 (38)	33.48 (60)	15.26 (50)
Median	5.06	14.12	20.28	9.83	10.41	14.37	14.95	Median	4.61	5.02	11.90	34.52	15.19

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Sawgrass	6.72 (83)	1.51 (31)	0.30 (100)	1.43 (31)	3.11 (5)	6.07 (71)
Russell 1000 Growth	8.91 (48)	1.01 (38)	4.58 (61)	0.61 (50)	0.74 (22)	7.32 (46)
IM U.S. Large Cap Growth Equity (SA+CF) Median	8.79	0.21	5.15	0.61	-1.52	7.05



6/17

3 Yr Rolling Under/Over Performance - 5 Years 30.0 Over 24.0 (%) 18.0 (1.00 12.0 12.0 12.0 Performance 6.0 Under Performance 0.0 6.0 30.0 0.0 12.0 18.0 24.0 Russell 1000 Growth (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0

3/14

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Sawgrass	20	5 (25%)	9 (45%)	6 (30%)	0 (0%)
Russell 1000 G	20	0 (0%)	17 (85%)	3 (15%)	0 (0%)

3/15

9/15

3/16

9/16

9/14

Peer Group Scattergram - 3 Years 12.00 11.25 10.50 9.75 \bigcirc 9.00 8.25 5.28 5.72 6.16 6.60 7.04 7.48 7.92 8.36 8.80 Risk (Standard Deviation %)

X Latest Date

Earliest Date

			J							
Return (%)	15.68									
	15.19 -									
	14.70									
	14.21 -									
	13.72 -									
	13.23		T	1	1		1			
	7.4	1 7	.60	7.79	7.98	8.17	8.36	8.55	8.74	8.93
					Risk (Standa	ard Deviation	%)			

	Return	Standard Deviation
Sawgrass	8.97	6.07
 Russell 1000 G 	11.11	7.21
Median	10.41	8.37

	Return	Standard Deviation
Sawgrass	13.94	7.72
Russell 1000 G	15.30	7.86
Median	14.95	8.71

Historical Statistics - 3	Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Sawgrass	3.54	82.33	83.68	-0.10	-0.59	0.94	0.82	4.95
Russell 1000 Growth	0.00	100.00	100.00	0.00	N/A	1.01	1.00	5.64

50.0 75.0

100.0

9/12

3/13

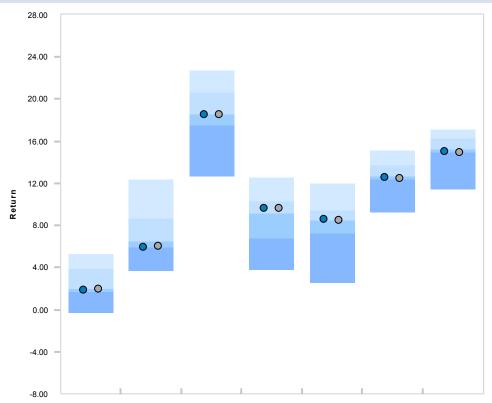
Peer Group Scattergram - 5 Years

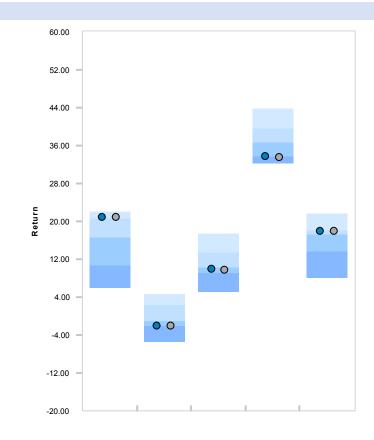
9/13

Historical Statistics - 5	Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Sawgrass	3.25	87.27	79.85	1.04	-0.40	1.50	0.84	4.19
Russell 1000 Growth	0.00	100.00	100.00	0.00	N/A	1.47	1.00	4.89



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
● NTGI S&P 400	1.90 (67)	5.93 (75)	18.49 (54)	9.63 (40)	8.56 (39)	12.55 (58)	15.00 (58)	 NTGI S&P 400 	20.79 (20)	-2.08 (68)	9.83 (57)	33.76 (75	5) 17.97 (29)
S&P MidCap 400 Index	1.97 (57)	5.99 (67)	18.57 (49)	9.61 (43)	8.53 (44)	12.48 (63)	14.92 (67)	 S&P MidCap 400 Index 	20.74 (23)	-2.18 (77)	9.77 (67)	33.50 (84	1) 17.88 (41)
Median	1.99	6.48	18.55	9.17	8.50	12.69	15.22	Median	16.68	-0.97	10.25	36.57	17.23

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
NTGI S&P 400	3.95 (72)	7.39 (43)	4.17 (57)	4.01 (17)	3.81 (15)	2.63 (61)
S&P MidCap 400 Index	3.94 (77)	7.42 (34)	4.14 (62)	3.99 (22)	3.78 (22)	2.60 (72)
IM U.S. Mid Cap Core Equity (SA+CF) Median	4.72	6.80	4.48	2.71	2.20	3.32



3 Yr Rolling Under/Over Performance - 5 Years 30.0 Over <u>§</u> 25.0 Performance 20.0 **LOS 10.0** 10.0 Under Performance 5.0 10.0 20.0 30.0 5.0 15.0 25.0 S&P MidCap 400 Index (%) Over Performance Under Performance Earliest Date

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 3/13 9/15 3/16 9/16 6/17 9/12 9/13 3/14 9/14 3/15

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
 NTGI S&P 400 	20	0 (0%)	6 (30%)	14 (70%)	0 (0%)	
O S&P MidCap 400 Index	20	0 (0%)	5 (25%)	11 (55%)	4 (20%)	

Peer Group Scattergram - 3 Years 8.58 § 8.55 0 8.52 8.49 8.24 8.32 8.40 8.48 8.56 8.64 8.72 8.80 8.88 Risk (Standard Deviation %)

X Latest Date

Pe	er Group Scatterg	ram - 5 Years			
	15.30				
_	15.20				
% u	15.20 — 15.10 — 15.00 —				
etur	15.00 —		_		
œ	14.90		0		
	14.80		ı	ı	
	8.93	8.94	8.95	8.96	8.97
		Ris	k (Standard Deviation %)		

	Return	Standard Deviation
 NTGI S&P 400 	8.56	8.75
S&P MidCap 400 Index	8.53	8.76
Median	8.50	8.36

	Return	Standard Deviation
 NTGI S&P 400 	15.00	8.96
S&P MidCap 400 Index	14.92	8.95
Median	15.22	8.94

Historical Statistics - 3 Years											
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk			
NTGI S&P 400	0.05	100.11	99.91	0.03	0.65	0.74	1.00	6.91			
S&P MidCap 400 Index	0.00	100.00	100.00	0.00	N/A	0.74	1.00	6.91			

Historical Statistics - 5 Y	Historical Statistics - 5 Years												
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk					
NTGI S&P 400	0.06	100.20	99.70	0.07	1.38	1.31	1.00	5.79					
S&P MidCap 400 Index	0.00	100.00	100.00	0.00	N/A	1.31	1.00	5.80					



Peer Group Analysis - IM U.S. Small Cap Value Equity (MF) 44.00 65.00 36.00 50.00 28.00 35.00 00 0 0 0 20.00 20.00 0 0 Return Return 0 0 12.00 0 0 0 5.00 0 0 4.00 0 0 0 0 -10.00 -4.00 -25.00 -12.00 -20.00 -40.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR 2016 2015 2014 2013 2012 T Rowe Price 7.56 (18) 33.85 (61) 2.27 (22) 3.61 (12) 24.32 (36) 12.56 (4) 10.97 (27) 13.42 (35) T Rowe Price 28.97 (50) -4.70 (17) 0.14 (71) 18.72 (21) Russell 2000 V 0.67 (47) 24.86 (33) 10.29 (23) 10.71 (30) 13.39 (35) Russell 2000 V 31.74 (25) -7.47 (50) 4.22 (33) 34.52 (54) 0.54 (41) 7.02 (30) 18.05 (27) Median 0.58 -0.43 21.70 8.39 5.33 9.59 12.69 28.86 -7.56 2.86 35.08 15.35 Median **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr

Ending

Sep-2016

(40)

6.45 (68)

8.87

7.70

Ending

Jun-2016

4.19 (12)

4.31 (11)

2.00

Ending

Mar-2016

3.17 (46)

1.70 (70)

2.84

Ending

Mar-2017

1.31 (14)

-0.13 (38)

-0.83

Ending

Dec-2016

12.71 (47)

14.07 (31)

12.57



Ending

Dec-2015

(46)

(50)

3.22

2.88

2.79

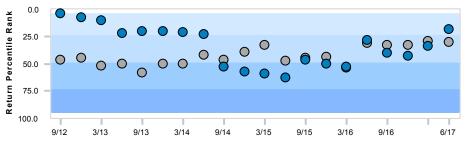
T Rowe Price

Russell 2000 Value

IM U.S. Small Cap Value Equity (MF) Median

3 Yr Rolling Under/Over Performance - 5 Years 24.0 Over 18.0 **A Price** (%) 18.0 **C Price** (%) 18.0 Performance Under Performance 0.0 6.0 12.0 0.0 18.0 24.0 Russell 2000 Value (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
T Rowe Price	20	9 (45%)	6 (30%)	5 (25%)	0 (0%)	
Russell 2000 V	20	0 (0%)	17 (85%)	3 (15%)	0 (0%)	

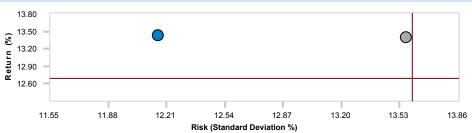
Peer Group Scattergram - 3 Years

Earliest Date



X Latest Date

Р	eer (Group	Scat	tergra	m - 5	Years
---	-------	-------	------	--------	-------	-------



	Return	Standard Deviation
T Rowe Price	7.56	13.35
Russell 2000 V	7.02	15.14
Median	5.33	15.05

	Return	Deviation
T Rowe Price	13.42	12.17
Russell 2000 V	13.39	13.57
Median	12.69	13.60

Historical Statistics - 3 Years

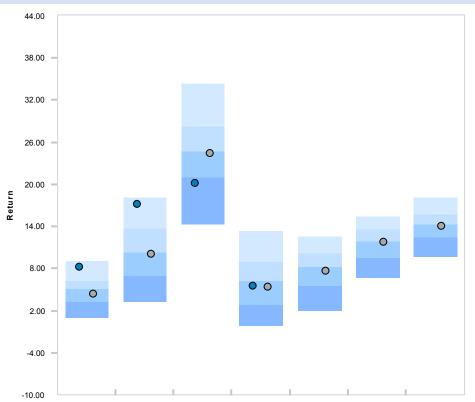
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
T Rowe Price	3.00	90.11	83.93	1.30	0.09	0.60	0.87	7.94
Russell 2000 Value	0.00	100.00	100.00	0.00	N/A	0.51	1.00	8.99

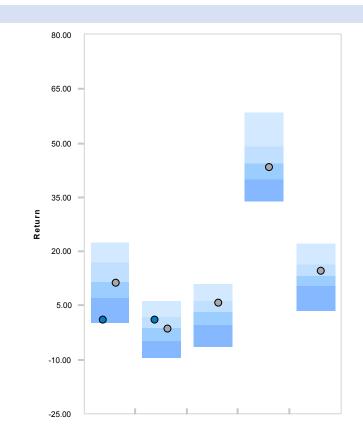
Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
T Rowe Price	2.61	91.69	84.04	1.44	-0.05	1.09	0.88	6.69
Russell 2000 Value	0.00	100.00	100.00	0.00	N/A	0.99	1.00	7.57



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		201	6	2015	2014	4 2013	3 2012
Summit Creek	8.18 (11)	17.21 (10)	20.07 (81)	5.55 (54)	N/A	N/A	N/A	Summit Creek	0.86	(93) 0	.95 (31)	N/A	N/A	N/A
Russell 2000 Growth Index	4.39 (59)	9.97 (53)	24.40 (54)	5.37 (57)	7.64 (54)	11.68 (54)	13.98 (55)	 Russell 2000 Growth In 	ndex 11.32	(52) -1	.38 (52)	5.60	(29) 43.30	(59) 14.59 (41)
Median	4.99	10.28	24.67	6.13	8.14	11.92	14.31	Median	11.36	-1	.18	3.10	44.47	13.19

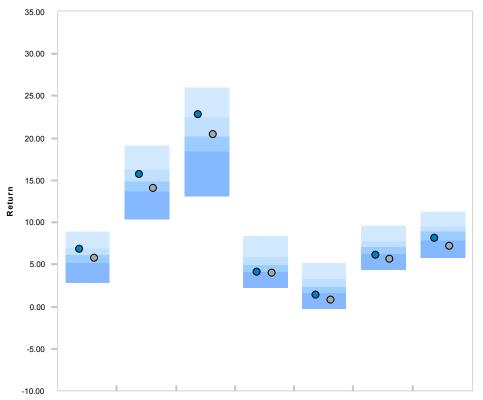
Comparative Performance												
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015						
Summit Creek	8.35 (16)	-2.11 (94)	4.64 (92)	-1.53 (99)	-0.01 (9)	3.64 (40)						
Russell 2000 Growth Index	5.35 (51)	3.57 (41)	9.22 (44)	3.24 (56)	-4.68 (51)	4.32 (30)						
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	5.46	2.96	8.74	3.62	-4.67	2.97						

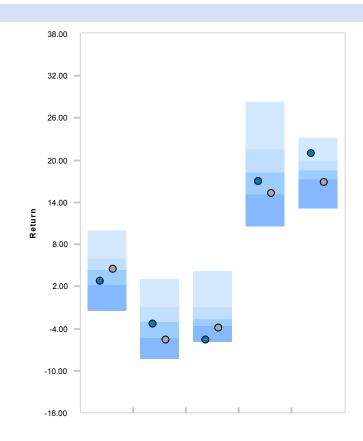


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Peer Group Analysis - All Master Trust-Intl. Equity Segment





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	201	3 2012
 Total International Equity 	6.80 (27)	15.72 (37)	22.85 (21)	4.12 (77)	1.41 (79)	6.10 (79)	8.08 (70)	 Total International Equity 	2.78 (70)	-3.36 (55)	-5.66 (95	6) 16.93	(61) 20.89 (15)
MSCI AC Wd exUSA-Net	5.78 (65)	14.10 (68)	20.45 (45)	3.98 (79)	0.80 (90)	5.68 (91)	7.22 (91)	MSCI AC Wd exUSA-Net	4.50 (47)	-5.66 (81)	-3.87 (79) 15.29	(74) 16.83 (78)
Median	6.13	14.87	20.20	4.94	2.32	7.09	8.93	Median	4.32	-3.08	-2.63	18.19	18.47

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Total International Equity	8.35 (51)	-0.88 (25)	7.11 (34)	-1.65 (90)	-1.56 (75)	2.48 (89)
MSCI AC World ex USA (Net)	7.86 (68)	-1.25 (35)	6.91 (44)	-0.64 (68)	-0.38 (50)	3.24 (68)
All Master Trust-Intl. Equity Segment Median	8.35	-1.84	6.78	-0.25	-0.39	3.81



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

3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 9/12 3/13 9/13 3/14 9/14 3/15 9/15 3/16 9/16 6/17

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
 Total International Equity 	20	0 (0%)	7 (35%)	6 (30%)	7 (35%)
 MSCI AC Wd exUSA-Net 	20	0 (0%)	0 (0%)	0 (0%)	20 (100%)

Peer Group Scattergram - 3 Years 3.00 2.50 1.50 1.00 0.50 11.60 11.80 12.00 Risk (Standard Deviation %)

X Latest Date

Earliest Date

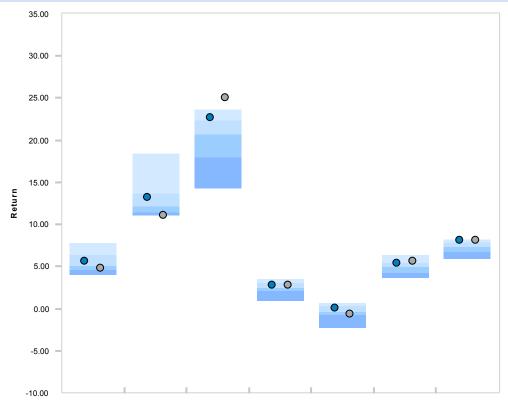
Peer	Group S	cattergram -	5 Years										
9	0.69												
~ 9	0.12 -												
Return (%)	3.55 -												
etur.	·.98 =												
č 7	.41 -												
6	5.84												
	11.04	11.12	11.20	11.28	11.36	11.44	11.52	11.60					
	Risk (Standard Deviation %)												

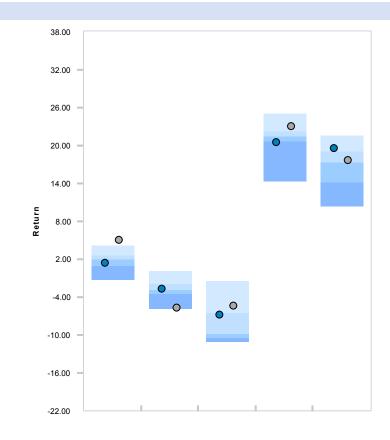
Return	Standard Deviation		Return	Standard Deviation
1.41	12.02	 Total International Equity 	8.08	11.32
0.80	12.27	 MSCI AC Wd exUSA-Net 	7.22	11.47
2.32	11.82	Median	8.93	11.12
	1.41 0.80	Return Deviation 1.41 12.02 0.80 12.27	Deviation 1.41 12.02 Total International Equity 0.80 12.27 MSCI AC Wd exUSA-Net	Return Deviation Return 1.41 12.02 Total International Equity 8.08 0.80 12.27 MSCI AC Wd exUSA-Net 7.22

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total International Equity	2.11	99.90	96.31	0.63	0.27	0.16	0.96	7.96
MSCI AC World ex USA (Net)	0.00	100.00	100.00	0.00	N/A	0.11	1.00	8.15
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total International Equity	2.31	101.10	95.43	1.04	0.34	0.73	0.97	6.90
MSCI AC World ex USA (Net)	0.00	100.00	100.00	0.00	N/A	0.65	1.00	7.03



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





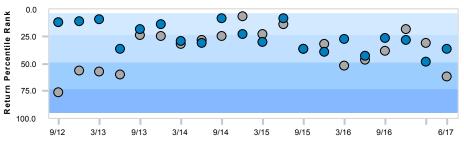
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
Templeton	5.60 (48)	13.24 (37)	22.63 (23)	2.76 (34)	0.12 (36)	5.36 (29)	8.16 (9)	Templeton	1.30 (69)	-2.67 (43)	-6.78 (27)	20.47 (78)	19.49 (24)
MSCI EAFE V (Net)	4.78 (58)	11.12 (93)	25.01 (1)	2.82 (33)	-0.59 (62)	5.66 (21)	8.12 (10)	MSCI EAFE V (Net)	5.02 (3)	-5.68 (90)	-5.39 (16)	22.95 (13)	17.69 (44)
Median	5.02	12.15	20.70	2.43	-0.38	4.90	7.30	Median	1.98	-2.86	-9.83	21.38	17.29

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Templeton	7.24 (26)	0.95 (44)	7.27 (4)	-3.47 (98)	-3.10 (47)	2.90 (18)
MSCI EAFE Value (Net)	6.05 (75)	4.17 (1)	7.99 (1)	-2.79 (74)	-3.97 (49)	2.68 (30)
IM International Large Cap Value Equity (MF) Median	6.67	0.25	6.36	-2.66	-4.12	2.49



3 Yr Rolling Under/Over Performance - 5 Years 18.0 Over Performance **Lempleton** (%) 12.0 6.0 6.0 Under Performance -6.0 6.0 -6.0 0.0 12.0 18.0 MSCI EAFE Value (Net) (%) Over Performance Under Performance

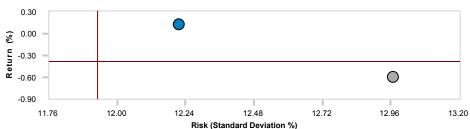
3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Templeton	20	8 (40%)	12 (60%)	0 (0%)	0 (0%)
MSCI EAFE V (Net	t) 20	7 (35%)	7 (35%)	5 (25%)	1 (5%)

Peer Group Scattergram - 3 Years

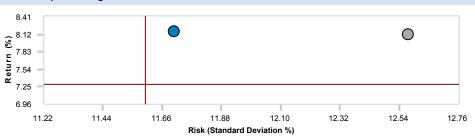
Earliest Date



X Latest Date

(" /
Return	Standard Deviation
0.12	12.22
-0.59	12.97
-0.38	11.93
	0.12 -0.59

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Templeton	8.16	11.71
MSCI EAFE V (Net)	8.12	12.57
Median	7.30	11.60

Historical Statistics - 3 Years

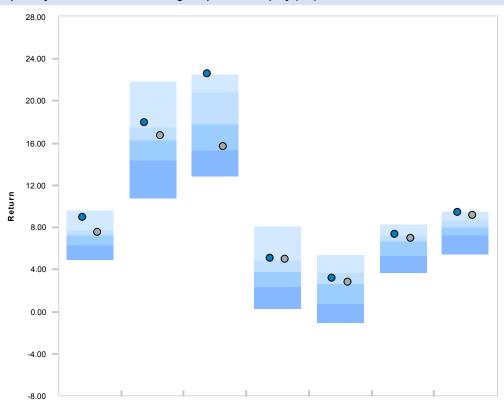
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Templeton	3.30	93.29	89.71	0.65	0.19	0.05	0.91	8.33
MSCI EAFE Value (Net)	0.00	100.00	100.00	0.00	N/A	0.00	1.00	9.18

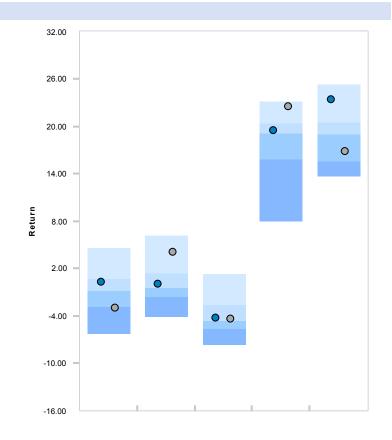
Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Templeton	3.60	92.24	87.84	0.86	-0.02	0.72	0.89	7.15
MSCI EAFE Value (Net)	0.00	100.00	100.00	0.00	N/A	0.67	1.00	7.70



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

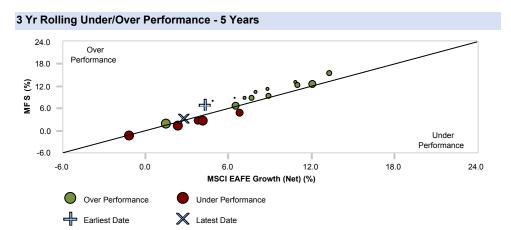




	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
• MFS	8.98 (13)	17.97 (17)	22.64 (4)	5.04 (20)	3.20 (36)	7.34 (23)	9.40 (8)	MFS	0.27 (33)	0.02 (42)	-4.21 (43)	19.47 (41)	23.46 (7)
MSCI EAFE G(Net)	7.52 (41)	16.68 (33)	15.70 (72)	4.95 (24)	2.81 (45)	6.94 (35)	9.19 (16)	MSCI EAFE G(Net)	-3.04 (77)	4.09 (11)	-4.43 (46)	22.55 (11)	16.86 (68)
Median	7.26	16.26	17.77	3.78	2.59	6.67	7.97	Median	-0.86	-0.44	-4.69	19.14	18.97

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
MFS	8.24 (50)	-2.06 (17)	6.15 (48)	-1.25 (64)	-2.33 (41)	2.87 (72)
MSCI EAFE Growth (Net)	8.52 (45)	-5.53 (82)	4.96 (71)	-0.15 (32)	-2.07 (34)	6.67 (7)
IM International Large Cap Growth Equity (MF) Median	8.23	-4.15	6.10	-0.90	-2.42	3.35





3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 000 0 0 50.0 75.0 100.0 3/13 9/13 3/14 9/14 3/15 9/15 9/16 6/17 9/12 3/16

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
MFS	20	13 (65%)	6 (30%)	1 (5%)	0 (0%)
 MSCI EAFE G(Net) 	20	7 (35%)	12 (60%)	1 (5%)	0 (0%)

| Standard Deviation | Standar

3.20

2.81

2.59

Pee	er Group Scat	tergram - 5 Y	ears				
Return (%)	10.08 9.60 – 9.12 – 8.64 – 8.16 –		•			0	
	7.68	10.99	11.06 Risk (S	11.13 tandard Deviation	11.20	11.27	11.34

	Return	Standard Deviation
MFS	9.40	11.08
MSCI EAFE G(Net)	9.19	11.24
Median	7.97	10.98

Historical Statistics - 3 Ye	ars							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	2.98	95.49	92.41	0.56	0.11	0.31	0.93	7.68
MSCI EAFE Growth (Net)	0.00	100.00	100.00	0.00	N/A	0.27	1.00	7.88

11.69

12.17

11.52

Historical Statistics - 5 Yes	ars							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	3.23	97.34	93.61	0.71	0.06	0.86	0.94	6.63
MSCI EAFE Growth (Net)	0.00	100.00	100.00	0.00	N/A	0.83	1.00	6.68

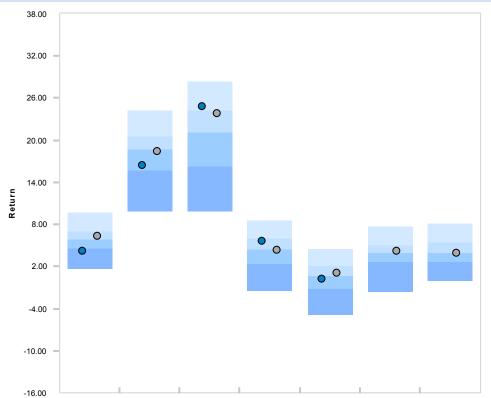


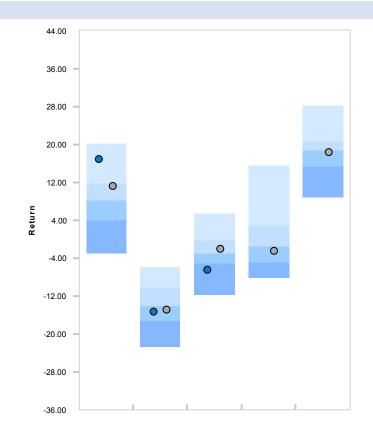
MFS

__ Median

MSCI EAFE G(Net)

Peer Group Analysis - IM Emerging Markets Equity (MF)





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR			20 ⁻	16	2015	;	2014	4	201	3	2012
Vanguard EM	4.13 (80)	16.43 (70)	24.75 (22)	5.60 (31)	0.18 (61)	N/A	N/A		Vanguard EM	16.86	(10)	15.26 (60)	-6.62	(84)	N/A	N	/A
MSCI Emerging Mk-Net	6.27 (40)	18.43 (53)	23.75 (29)	4.32 (53)	1.07 (43)	4.23 (45)	3.96 (48)	(MSCI Emerging Mk-Net	11.19	(30)	14.92 (57)	-2.19	(43)	-2.60	(58) 18.2	23 (56)
Median	5.95	18.68	21.14	4.43	0.69	3.95	3.84		Median	8.27		14.09		-2.96		-1.45	18.7	79

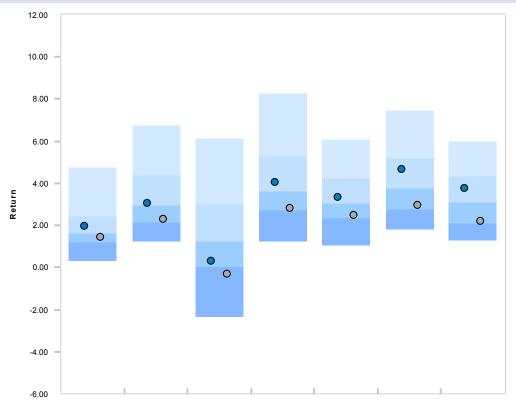
Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Vanguard EM	11.81 (51)	-2.22 (13)	9.58 (18)	2.60 (39)	6.31 (23)	-0.15 (57)
MSCI Emerging Markets (Net) Index	11.44 (56)	-4.16 (34)	9.03 (28)	0.66 (84)	5.71 (29)	0.66 (48)
IM Emerging Markets Equity (MF) Median	11.83	-5.19	7.85	2.06	3.59	0.36

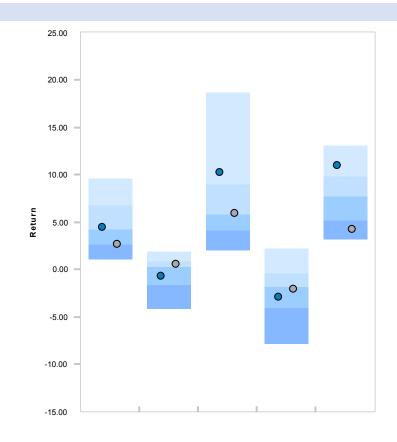


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Peer Group Analysis - All Master Trust-US Fixed Income Segment





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
 Total Domestic Fx 	1.94 (36)	3.04 (49)	0.32 (70)	4.03 (41)	3.32 (42)	4.67 (31)	3.76 (37)	 Total Domestic Fx 	4.49 (48)	-0.66 (66)	10.30 (23)	-2.94 (68)	10.98 (14)
 Barclays Agg 	1.45 (60)	2.27 (71)	-0.31 (83)	2.79 (74)	2.48 (67)	2.95 (70)	2.21 (72)	 Barclays Agg 	2.65 (77)	0.55 (37)	5.97 (48)	-2.02 (56)	4.21 (87)
Median	1.63	2.95	1.25	3.60	3.04	3.74	3.11	Median	4.24	0.23	5.82	-1.82	7.70

Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Total Domestic Fx	1.08 (63)	-3.52 (73)	0.91 (59)	3.38 (30)	3.82 (32)	-0.64 (66)
Barclays Aggregate	0.82 (81)	-2.98 (65)	0.46 (76)	2.21 (66)	3.03 (51)	-0.57 (57)
All Master Trust-US Fixed Income Segment Median	1.33	-2.40	1.12	2.51	3.05	-0.52



3 Yr Rolling Under/Over Performance - 5 Years 15.0 Over Performance Total Domestic Fx (%) 0.0 0.0 0.0 Under Performance -5.0 0.0 5.0 10.0 15.0 -5.0 Barclays Aggregate (%) X Latest Date Over Performance Earliest Date

3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 9/12 3/13 9/13 3/14 9/14 3/15 9/15 3/16 9/16 6/17

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
 Total Domestic Fx 	20	9 (45%)	11 (55%)	0 (0%)	0 (0%)	
Barclays Agg	20	0 (0%)	0 (0%)	9 (45%)	11 (55%)	

Peer Group Scattergram - 3 Years 3.64 3.36 3.08 2.80 2.52 \bigcirc 2.24 2.34 2.60 2.86 3.12 3.38 3.64 3.90 4.16 4.42 Risk (Standard Deviation %)

Peer Group	Scattergran	n - 5 Years	3					
4.16 3.64 3 12)	
3.64 = 3.12 = 2.60 = 2.08 = 1.56	0							
	2.72	3.06	3.40	3.74	4.08	4.42	4.76	5.10
			Risk (Sta	ndard Deviation	on %)			

Return	Standard Deviation
3.32	4.20
2.48	2.86
3.04	3.09
	3.32 2.48

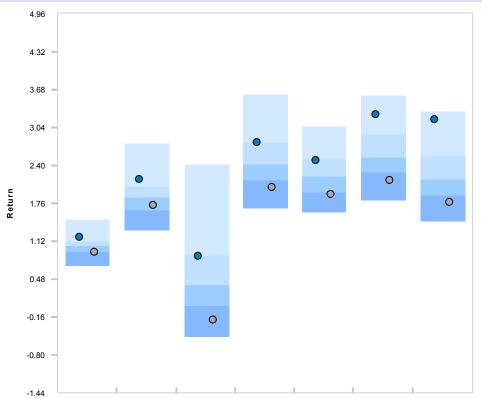
	Return	Standard Deviation
Total Domestic Fx	3.76	4.56
 Barclays Agg 	2.21	2.84
Median	3.11	3.25

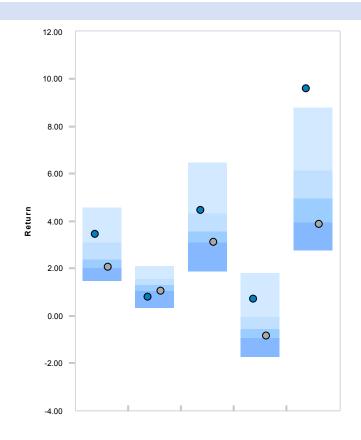
Historical Statistics -	3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Fx	1.70	145.35	155.83	-0.13	0.51	0.75	1.40	2.54
Barclays Aggregate	0.00	100.00	100.00	0.00	N/A	0.80	1.00	1.75

Historical Statistics -	5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Fx	2.07	161.26	153.89	0.39	0.76	0.80	1.53	2.87
Barclays Aggregate	0.00	100.00	100.00	0.00	N/A	0.74	1.00	1.79



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
 Schroder Interm Duration 	1.19 (17)	2.17 (18)	0.86 (26)	2.79 (25)	2.48 (26)	3.27 (15)	3.18 (9)	 Schroder Interm Duration 	3.44 (18)	0.81 (87)	4.47 (22)	0.73 (10)	9.60 (4)
Barclays Interm G/C	0.94 (73)	1.73 (67)	-0.21 (86)	2.03 (81)	1.92 (81)	2.15 (83)	1.77 (84)	 Barclays Interm G/C 	2.08 (74)	1.07 (75)	3.13 (76)	-0.86 (70)	3.89 (78)
Median	1.03	1.86	0.39	2.41	2.21	2.54	2.17	Median	2.41	1.30	3.57	-0.53	4.98

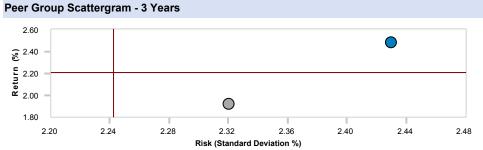
Comparative Performance						
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Schroder Interm Duration	0.97 (20)	-1.90 (58)	0.63 (24)	2.08 (14)	2.65 (11)	-0.42 (51)
Barclays Intermediate U.S. Gov/Credit	0.78 (58)	-2.07 (83)	0.16 (78)	1.59 (50)	2.45 (34)	-0.69 (90)
IM U.S. Intermediate Duration (SA+CF) Median	0.81	-1.84	0.38	1.58	2.33	-0.42



Standard

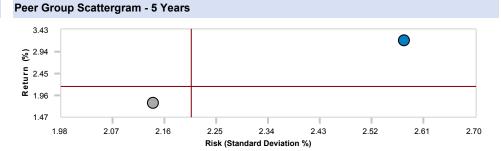
3 Yr Rolling Under/Over Performance - 5 Years Over Performance Under Performance 1.5 3.0 6.0 0.0 4.5 Barclays Intermediate U.S. Gov/Credit (%) Earliest Date X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 00000000000000000 100.0 3/14 9/14 3/15 9/15 6/17 9/12 3/13 9/13 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count Schroder Interm Duration 16 15 (94%) 1 (6%) 0 (0%) 0 (0%) Barclays Interm G/C 20 0 (0%) 0 (0%) 0 (0%) 20 (100%)



Over Performance

			•				
1.80							
2.20	2.24	2.28	2.32	2.36	2.40	2.44	2.48
		1	Risk (Standard I	Deviation %)			
			Return			Standard Deviation	
 Schroder International 	erm Duration	1	2.48			2.43	
Barclays Inte	rm G/C		1.92			2.32	
Median			2.21			2.24	



Return	Deviation
3.18	2.58
1.77	2.14
2.17	2.21
	3.18 1.77

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Schroder Interm Duration	0.83	109.94	91.04	0.61	0.67	1.02	0.97	1.24
Barclays Intermediate U.S. Gov/Credit	0.00	100.00	100.00	0.00	N/A	0.80	1.00	1.25
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Schroder Interm Duration	0.88	129.93	88.05	1.28	1.57	1.27	1.06	1.36
Barclays Intermediate U.S. Gov/Credit	0.00	100.00	100.00	0.00	N/A	0.78	1.00	1.29



Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 6.08 12.00 5.30 10.00 4.52 8.00 3.74 0 0 6.00 0 0 0 0 00 2.96 0 0 0 0 4.00 Return Return 0 0 0 0 2.18 2.00 0 0 1.40 0 0 0.00 0.62 -2.00 0 0 -0.16 0 0 -4.00 -0.94 -1.72 -6.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 2015 2014 2013 5 YR 2016 2012 1.69 (24) 2.70 (30) -0.39 (86) 2.64 (65) 3.08 (75) 2.32 (82) 6.10 (55) -2.29 (91) NTGI G/C NTGI G/C 3.10 (54) 3.04 (54) 0.16 (89) 4.77 (80) Barclays G/C 1.69 (24) 2.66 (33) -0.41 (88) 3.03 (80) 2.29 (84) Barclays G/C 3.05 (54) 6.01 (63) -2.35 (92) 3.08 (57) 2.62 (67) 0.15 (90) 4.82 (79) 2.52 Median 1.54 0.33 3.16 2.78 3.33 2.70 Median 3.10 0.82 6.15 -1.56 5.85

	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
NTGI G/C	1.00 (42)	-3.41 (99)	0.42 (83)	2.69 (20)	3.46 (4)	-0.76 (96)
Blmbg. Barc. U.S. Gov't/Credit	0.96 (47)	-3.39 (99)	0.40 (84)	2.67 (22)	3.47 (4)	-0.74 (95)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	0.93	-2.81	0.69	2.34	3.03	-0.45



6/17

3 Yr Rolling Under/Over Performance - 5 Years 8.0 Over Performance (%) **3/0** 4.0 **2.**0 Under Performance 0.0 2.0 4.0 8.0 0.0 6.0 Blmbg. Barc. U.S. Gov't/Credit (%) Over Performance Under Performance

Total Period		5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
NTGI G/C	20	0 (0%)	0 (0%)	11 (55%)	9 (45%)	
Barclays G/C	20	0 (0%)	0 (0%)	10 (50%)	10 (50%)	

9/14

3/15

9/15

3/16

9/16

3/14

Peer Group Scattergram - 3 Years 2.82 2.76 2.70 2.64 2.58 3.10 3.20 3.30 3.40 3.50 3.60 3.70 3.80 3.90 Risk (Standard Deviation %)

X Latest Date

Peer Group 3	scattergran	n - 5 Years	•					
2.80								
\$ 2.60 -								
Z.40 =							6	
2.20								
3.00	3.06	3.12	3.18	3.24	3.30	3.36	3.42	3.48
			Risk (Sta	ndard Deviation	on %)			

	Return	Standard Deviation
NTGI G/C	2.64	3.76
 Barclays G/C 	2.62	3.76
Median	2.78	3.24

	Return	Deviation
NTGI G/C	2.32	3.41
Barclays G/C	2.29	3.41
Median	2.70	3.10

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI G/C	0.10	100.45	100.02	0.03	0.26	0.74	1.00	2.06
Blmbg. Barc. U.S. Gov't/Credit	0.00	100.00	100.00	0.00	N/A	0.73	1.00	2.06
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI G/C	0.10	100.28	99.44	0.04	0.34	0.68	1.00	2.05
Blmbg Barc U.S. Gov't/Credit	0.00	100 00	100 00	0.00	N/A	0.67	1 00	2 06

100.0

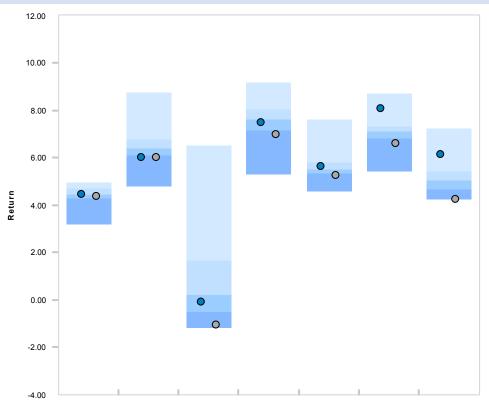
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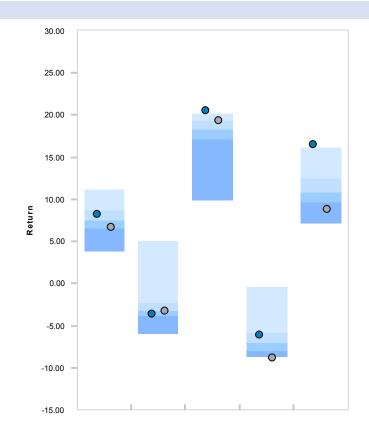
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Earliest Date

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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2016	2015	2014	2013	2012
 Schroder Long Duration 	4.45 (60)	6.02 (81)	-0.07 (61)	7.50 (54)	5.66 (41)	8.09 (11)	6.14 (12)	 Schroder Long Duration 	8.17 (34)	-3.59 (61)	20.56 (2)	-6.07 (28)	16.49 (5)
Barclays Long G/C	4.39 (69)	6.03 (80)	-1.07 (94)	7.00 (81)	5.28 (76)	6.63 (83)	4.26 (93)	Barclays Long G/C	6.67 (71)	-3.30 (49)	19.31 (31)	-8.83 (98)	8.78 (89)
Median	4.48	6.41	0.19	7.62	5.53	7.10	5.05	Median	7.46	-3.33	18.22	-7.10	10.84

Comparative Performance						
1 Qtr Ending Mar-2017		1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
Schroder Long Duration	1.51 (91)	-7.68 (77)	2.10 (25)	7.20 (5)	7.05 (46)	-0.98 (66)
Blmbg. Barc. U.S. Long Government/Credit	1.58 (85)	-7.84 (89)	1.24 (88)	6.55 (52)	7.30 (28)	-0.94 (62)
IM U.S. Long Duration (SA+CF) Median	1.84	-7.20	1.72	6.59	6.96	-0.83



3 Yr Rolling Under/Over Performance - 5 Years Over Performance Over Performance Over Performance Over Performance Over Performance 15.0 Under Performance -5.0 0.0 15.0 20.0

Blmbg. Barc. U.S. Long Government/Credit (%)

X Latest Date

Earliest Date

Over Performance

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 0 75.0 000 0 0 0 100.0 3/13 9/13 3/14 9/14 3/15 9/15 3/16 9/16 6/17 9/12 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count Schroder Long Duration 20 13 (65%) 7 (35%) 0 (0%) 0 (0%)

Feer Group Scattergram - 3 Years 5.80 5.60 5.40 5.20 8.90 9.00 9.10 9.20 9.30 9.40 9.50 9.60 9.70 Risk (Standard Deviation %)

Peer Group Sca	attergram - 5	Years				
6.50						
5.85 = 5.20 = 4.55 = 4.55 = 4.55			0			
3.25				.!.		
8.20	8.40	8.60	8.80	9.00	9.20	9.40
		Risk (S	tandard Deviation	%)		

0 (0%)

1 (5%)

5 (25%)

14 (70%)

	Return	Standard Deviation
 Schroder Long Duration 	5.66	9.53
Barclays Long G/C	5.28	9.38
Median	5.53	9.01

	Return	Standard Deviation	
 Schroder Long Duration 	6.14	9.12	
 Barclays Long G/C 	4.26	8.72	
Median	5.05	8.47	

Historical Statistics - 3 Years											
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk			
Schroder Long Duration	1.87	103.24	100.87	0.32	0.21	0.66	1.01	5.50			
Blmbg. Barc. U.S. Long Government/Credit	0.00	100.00	100.00	0.00	N/A	0.64	1.00	5.34			

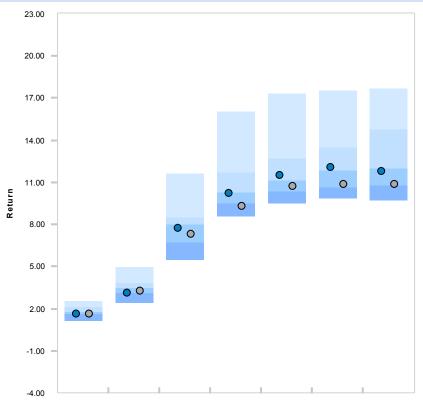
Barclays Long G/C

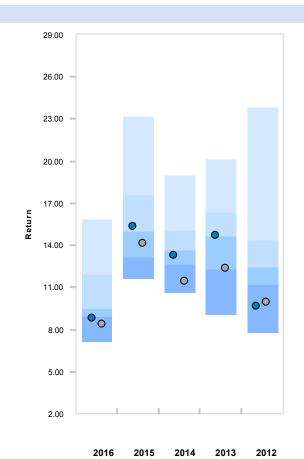
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Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Schroder Long Duration	1.91	108.48	92.51	1.74	0.96	0.72	1.02	5.55
Blmbg. Barc. U.S. Long Government/Credit	0.00	100.00	100.00	0.00	N/A	0.53	1.00	5.44



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





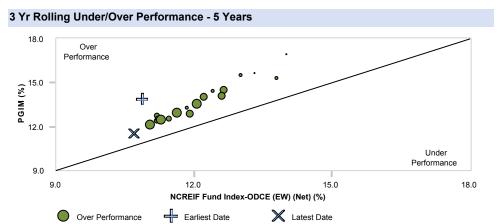
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
• PGIM	1.64 (66)	3.14 (73)	7.72 (63)) 10.21 (54)	11.51 (39)	12.05 (47)	11.78 (56)
NCREIF Fund Index-ODCE (EW) (Net)	1.59 (74)	3.24 (64)	7.32 (71)) 9.26 (86)) 10.70 (65)	10.87 (73)	10.86 (75)
Median	1 78	3 43	8 04	10.25	11 11	11.83	11 96

PGIM
 8.80 (80) 5.36 (42) 3.32 (58) 4.71 (44) 9.69 (89)
 NCREIF Fund Index-ODCE (EW) (Net)
 8.36 (84) 4.18 (72) 1.42 (89) 2.36 (74) 9.93 (87)

Median 9.47 5.01 3.66 4.63 2.45

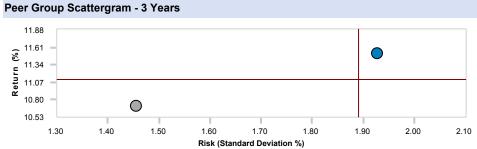
	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	1 Qtr Ending Jun-2016	1 Qtr Ending Mar-2016	1 Qtr Ending Dec-2015
PGIM	1.47 (68)	2.44 (41)	1.95 (67)	1.93 (77)	2.20 (65)	3.18 (68)
NCREIF Fund Index-ODCE (EW) (Net)	1.62 (49)	1.95 (63)	1.96 (67)	1.97 (73)	2.22 (65)	3.21 (67)
IM U.S. Open End Private Real Estate (SA+CF) Median	1.57	2.24	2.13	2.50	2.65	3.57





3 Yr Rolling Percentile Ranking - 5 Years 25.0 25.0 75.0 9/12 3/13 9/13 3/14 9/14 3/15 9/15 3/16 9/16 6/17

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
● PGIM	20	0 (0%)	6 (30%)	14 (70%)	0 (0%)	_
 NCREIF Fund Index-ODCE (EW) (Net) 	20	0 (0%)	0 (0%)	4 (20%)	16 (80%)	



	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
				Risk (Sta	ndard Deviation	on %)			
					Return	า		Standard Deviation	
	PGIM				11.51			1.93	
	NCREIF F	und Index-O	DCE (EW) (Net)	10.70			1.46	
_	Median				11.11			1.89	

0.00

100.00



Return	Deviation
11.78	1.75
10.86	1.26
11.96	1.88
	11.78 10.86

2.32

1.00

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PGIM	1.07	107.28	N/A	-0.06	0.70	2.22	1.08	0.00
NCREIF Fund Index-ODCE (EW) (Net)	0.00	100.00	N/A	0.00	N/A	2.28	1.00	0.00
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PGIM	1.11	108.28	N/A	-0.03	0.78	2.26	1.09	0.00

N/A

0.00

N/A



0.00

NCREIF Fund Index-ODCE (EW) (Net)

	_			-				
Δ		١f	In	ınο	3	n	20.	17

Portfolio Characteristics (Benchmark: Russell 1000 Value Index)						
	Portfolio	Benchmark				
Wtd. Avg. Mkt. Cap (\$)	72,645,511,748	115,486,685,218				
Median Mkt. Cap (\$)	31,683,407,400	8,708,488,690				
Price/Earnings ratio	19.3	18.6				
Price/Book ratio	2.6	2.2				
5 Yr. EPS Growth Rate (%)	8.7	9.6				
Current Yield (%)	1.7	2.5				
Beta (5 Years, Monthly)	0.97	1.00				
Number of Stocks	51	719				

Top Ten Equity Holdings (B	enchmark: Russ	sell 1000 Value Inde	ex)	
	Portfolio Wt	Benchmark Wt	Active Wt	Qtr Rtrn
Lab Corp	3.1	0.1	3.0	7.4
Fidelity Nat. Financial Inc	3.0	0.1	2.9	15.8
Gildan Activewear Inc	2.9	0.0	2.9	14.3
AerCap Holdings NV	2.8	0.0	2.8	1.0
State Street Corp	2.5	0.3	2.2	13.2
Wells Fargo & Co	2.5	2.1	0.4	0.2
Chubb Ltd	2.5	0.6	1.9	7.2
Abbott Laboratories	2.5	0.7	1.8	10.1
Axalta Coating Systems Ltd	2.4	0.0	2.4	-0.5
JPMorgan Chase & Co	2.4	2.7	-0.3	4.6

Ten Best Performers (Ben	chmark: Russel	l 1000 Value Index)		
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn
Fidelity Nat. Financial Inc	3.0	0.1	2.9	15.8
Gildan Activewear Inc	2.9	0.0	2.9	14.3
Ball Corp	2.1	0.1	2.0	14.0
Unitedhealth Group Inc	1.8	0.0	1.8	13.5
State Street Corp	2.5	0.3	2.2	13.2
Crown Holdings Inc	2.2	0.0	2.2	12.7
Progressive Corp (The)	2.3	0.0	2.3	12.5
Whirlpool Corp	2.3	0.1	2.2	12.5
Hanesbrands Inc	2.2	0.0	2.2	12.3
AMETEK Inc	1.7	0.1	1.6	12.2

Ten Worst Performers (Bench	mark: Russell	1000 Value Index)		
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn
Schlumberger Ltd	1.7	0.8	0.9	-15.1
Synchrony Financial	1.6	0.2	1.4	-12.7
Brinker International Inc.	0.8	0.0	8.0	-12.6
Twenty-First Century Fox Inc	2.3	0.2	2.1	-12.5
Snap-On Inc	1.0	0.1	0.9	-5.9
Western Union Co	0.9	0.0	0.9	-5.5
Analog Devices Inc.	0.6	0.0	0.6	-4.5
Cardinal Health Inc	1.8	0.2	1.6	-3.9
RenaissanceRe Holdings Ltd	1.8	0.0	1.8	-3.7
Omnicom Group Inc.	2.3	0.0	2.3	-3.2

Buy and Hold Sector Attributi	on (Benchma	Portfolio Comparison							
	Allo	cation	Perfor	rmance		Attribution			Cooke & Bieler
	Portfolio	Benchmark	Portfolio	Benchmark	Stock	Sector	Total	Market Capitalization (%)	
Consumer Discretionary	15.3	4.5	3.80	2.75	0.16	0.15	0.32	Greater than 25000M	51.0
Consumer Staples	6.3	8.5	7.60	0.70	0.43	0.01	0.45	16000M To 25000M	8.9
Energy	4.9	12.2	1.47	-7.09	0.42	0.61	1.03	12000M To 16000M	15.4
Financials	25.0	26.5	7.14	3.76	0.84	-0.04	0.81	8000M To 12000M	6.3
Health Care	15.5	10.8	6.37	6.02	0.05	0.22	0.27	5000M To 8000M	10.0
Industrials	15.0	10.1	5.26	3.25	0.30	0.09	0.40	1000M To 3000M	2.4
Information Technology	6.6	10.0	3.49	0.47	0.20	0.03	0.23	Cash	5.9
Materials	6.6	2.9	7.94	0.16	0.51	-0.04	0.47		
Real Estate	1.8	4.6	4.63	1.73	0.05	-0.01	0.04		
Telecommunication Services	0.0	3.6	0.00	-7.10	0.00	0.30	0.30		
Utilities	0.0	6.2	0.00	2.18	0.00	-0.05	-0.05		
Cash	3.1	0.0	0.20	0.00	0.00	-0.03	-0.03		
Total	100.0	100.0	5.40	1.31	2.98	1.24	4.22		



Portfolio Characteristics (Benchmark: Russell 1000 Growth Index)						
	Portfolio	Benchmark				
Wtd. Avg. Mkt. Cap (\$)	169,377,702,743	185,470,321,613				
Median Mkt. Cap (\$)	74,056,958,745	10,036,782,560				
Price/Earnings ratio	23.9	25.7				
Price/Book ratio	5.5	6.3				
5 Yr. EPS Growth Rate (%)	9.7	13.3				
Current Yield (%)	1.6	1.4				
Beta (5 Years, Monthly)	0.84	1.00				
Number of Stocks	49	557				

Top Ten Equity Holdings (Benchmark: Russell 1000 Growth Index)								
	Portfolio Wt	Benchmark Wt	Active Wt	Qtr Rtrn				
Alphabet Inc	4.7	2.4	2.3	9.7				
Apple Inc	4.7	6.6	-1.9	0.7				
Microsoft Corp	4.4	4.6	-0.2	5.2				
Nike Inc	3.0	0.7	2.3	6.2				
Walt Disney Co (The)	3.0	1.0	2.0	-6.3				
Comcast Corp	2.8	1.5	1.3	4.4				
Mastercard Inc	2.7	1.0	1.7	8.2				
Coca-Cola Co (The)	2.7	1.1	1.6	6.5				
Home Depot Inc. (The)	2.6	1.6	1.0	5.1				
Unitedhealth Group Inc	2.6	1.6	1.0	13.5				

Ten Best Performers (Benchmark: Russell 1000 Growth Index)								
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn				
Cooper Companies Inc. (The)	1.6	0.1	1.5	19.8				
McDonald's Corp	2.2	1.1	1.1	18.9				
Unitedhealth Group Inc	2.6	1.6	1.0	13.5				
Varian Medical Systems Inc	1.4	0.1	1.3	13.2				
CBOE Holdings Inc	1.1	0.1	1.0	13.1				
Oracle Corp	1.8	0.1	1.7	12.9				
AbbVie Inc	2.5	1.0	1.5	12.4				
Broadridge Fin. Solutions	1.4	0.1	1.3	11.7				
FedEx Corp.	1.2	0.5	0.7	11.6				
Abbott Laboratories	8.0	0.0	8.0	10.1				

Ten Worst Performers (Benchmark: Russell 1000 Growth Index)								
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn				
Fastenal Co	1.2	0.1	1.1	-14.9				
F5 Networks Inc	1.5	0.1	1.4	-10.9				
TJX Companies Inc (The)	2.3	0.4	1.9	-8.4				
Verizon Communications Inc	1.8	0.8	1.0	-7.3				
Dr Pepper Snapple Group Inc	1.7	0.1	1.6	-6.4				
Walt Disney Co (The)	3.0	1.0	2.0	-6.3				
Intel Corp	2.1	0.0	2.1	-5.8				
Dell Technologies Inc	0.3	0.1	0.2	-4.6				
Citrix Systems Inc.	0.9	0.1	8.0	-4.6				
Omnicom Group Inc.	0.9	0.2	0.7	-3.2				

Buy and Hold Sector Attribution (Benchmark: Russell 1000 Growth Index)						Portfolio Comparison			
	Alloc	cation	Perfo	rmance		Attribution			Sawgrass
	Portfolio	Benchmark	Portfolio	Benchmark	Stock	Sector	Total	Market Capitalization (%)	
Consumer Discretionary	21.4	20.9	-1.47	3.11	-0.98	-0.01	-0.99	Greater than 25000M	71.2
Consumer Staples	8.3	9.1	0.88	2.02	-0.09	0.02	-0.07	16000M To 25000M	4.6
Energy	0.0	0.5	0.00	-8.01	0.00	0.06	0.06	12000M To 16000M	10.5
Financials	4.8	2.8	5.85	7.03	-0.06	0.04	-0.01	8000M To 12000M	9.2
Health Care	16.6	15.9	8.94	8.05	0.15	0.02	0.17	Cash	4.6
Industrials	14.6	10.7	3.17	5.25	-0.30	0.02	-0.29		
Information Technology	25.3	32.7	3.49	5.44	-0.50	-0.05	-0.54		
Materials	1.9	3.5	6.20	5.55	0.01	-0.01	0.00		
Real Estate	0.0	2.7	0.00	3.36	0.00	0.04	0.04		
Telecommunication Services	2.8	1.0	-7.30	-7.13	0.00	-0.21	-0.21		
Utilities	0.0	0.0	0.00	-0.29	0.00	0.00	0.00		
Cash	4.4	0.0	0.20	0.00	0.00	-0.20	-0.20		
Total	100.0	100.0	2.78	4.83	-1.77	-0.27	-2.04		



Portfolio Characteristics (Benchmark: Russell 2000 Growth Index)							
	Portfolio	Benchmark					
Wtd. Avg. Mkt. Cap (\$)	2,811,798,403	2,206,466,743					
Median Mkt. Cap (\$)	1,899,784,285	894,300,400					
Price/Earnings ratio	35.0	26.4					
Price/Book ratio	4.2	4.1					
5 Yr. EPS Growth Rate (%)	25.4	14.1					
Current Yield (%)	0.2	0.7					
Beta	N/A	1.00					
Number of Stocks	54	1,171					

•			•					•		
NAME AND MAKE CON (A)	Portfolio	20	Bench			F	Portfolio Wt	Benchmar Wt	k Active V	Vt Qtr Rtrr
Wtd. Avg. Mkt. Cap (\$)	2,811,798,40	J3	2,206,4	166,743			0.4		0.4	00.7
Median Mkt. Cap (\$)	1,899,784,28	35	894,3	300,400	Icon PLC		3.1	0.0	3.1	22.7
Price/Earnings ratio	35	5.0		26.4	Bio-Techne Corp		3.0	0.0	3.0	15.9
Price/Book ratio	4	2		4.1	WageWorks Inc		3.0	0.3	2.7	-7.1
5 Yr. EPS Growth Rate (%)	25	5.4		14.1	Envestnet Inc		2.7	0.2	2.5	22.6
Current Yield (%)	0	.2		0.7	Tyler Technologies Inc.		2.6	0.0	2.6	13.7
Beta	N	/A		1.00	EPAM Systems Inc		2.6	0.4	2.2	11.3
Number of Stocks		54		1,171	Dorman Products Inc		2.6	0.2	2.4	0.8
					Ollie's Bargain Outlet Holdings Inc	;	2.6	0.2	2.4	27.2
					Callidus Software Inc		2.4	0.2	2.2	13.3
					MACOM Technology Solutions Ho	oldings Inc	2.4	0.2	2.2	15.5
Ten Best Performers (Benchma	ark: Russell 2000 G	Frowth Index)			Ten Worst Performers (Benchma	ark: Russell	2000 Growth	n Index)		
	Portfolio Wt	Benchmark	Active Wt	Quarterly Rtrn		Portfolio Wt	Benchma	rk Wt A	ctive Wt	Quarterly Rt
	FOILIOIIO VVI	Wt	ACTIVE WI	Quarterly Killi	Chuy's Holdings Inc	1.1	0.0		1.1	-21.5

		Wt	7101110 111	———————
MiMedx Group Inc	1.0	0.2	0.8	57.1
Akorn Inc	1.6	0.0	1.6	39.3
LendingTree Inc	1.0	0.1	0.9	37.4
GrubHub Inc	1.2	0.4	0.8	32.6
CoStar Group Inc	2.3	0.0	2.3	27.2
Ollie's Bargain Outlet Holdings Inc	2.6	0.2	2.4	27.2
LeMaitre Vascular Inc	1.3	0.0	1.3	27.0
Cutera Inc	0.7	0.0	0.7	25.1
Icon PLC	3.1	0.0	3.1	22.7
Envestnet Inc	2.7	0.2	2.5	22.6
Ruy and Hold Sector Attribution (Ronchmark: Russ	2000 Gr	owth Index)	

	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn
Chuy's Holdings Inc	1.1	0.0	1.1	-21.5
Monro Muffler Brake Inc	1.7	0.1	1.6	-19.6
Duluth Holdings Inc	1.9	0.0	1.9	-14.5
Cavium Inc	2.0	0.0	2.0	-13.3
Bofl Holding Inc	1.9	0.1	1.8	-9.2
Motorcar Parts of America Inc	1.9	0.0	1.9	-8.1
Independent Bank Group Inc	1.4	0.0	1.4	-7.3
WageWorks Inc	3.0	0.3	2.7	-7.1
Echo Global Logistics Inc	1.5	0.0	1.5	-6.8
Balchem Corp	1.5	0.3	1.2	-5.7

Top Ten Equity Holdings (Benchmark: Russell 2000 Growth Index)

Buy and Hold Sector Attribution (Benchmark: Russell 2000 Growth Index)							Portfolio Comparison		
	Alloc	cation	Perfor	mance		Attribution			Summit Creek
	Portfolio	Benchmark	Portfolio	Benchmark	Stock	Sector	Total	Market Capitalization (%)	
Consumer Discretionary	20.9	14.8	2.57	2.09	0.10	-0.13	-0.02	8000M To 12000M	3.9
Consumer Staples	0.0	3.0	0.00	-1.22	0.00	0.16	0.16	5000M To 8000M	9.9
Energy	0.0	1.2	0.00	-21.64	0.00	0.32	0.32	3000M To 5000M	23.1
Financials	4.5	5.7	13.46	-0.93	0.65	0.06	0.70	1000M To 3000M	38.5
Health Care	20.1	21.8	19.16	9.46	1.95	-0.09	1.86	500M To 1000M	16.4
ndustrials	11.8	15.9	2.02	0.63	0.16	0.15	0.31	200M To 500M	5.0
nformation Technology	36.9	25.0	8.65	5.40	1.20	0.15	1.35	Cash	3.3
Materials	2.5	5.5	-5.71	1.65	-0.18	0.08	-0.10		
Real Estate	0.0	5.4	0.00	6.59	0.00	-0.13	-0.13		
Telecommunication Services	0.0	0.8	0.00	26.77	0.00	-0.18	-0.18		
Jtilities	0.0	0.8	0.00	5.43	0.00	-0.01	-0.01		
Cash	3.4	0.0	0.20	0.00	0.00	-0.13	-0.13		
Γotal .	100.0	100.0	8.29	4.17	3.88	0.25	4.13		



Inception Date:

Fund Name: T Rowe Price Small-Cap Value Fund, Inc

Fund Family: T. Rowe Price Associates Inc

Ticker: PRSVX

06/30/1988

Fund Assets: \$7,930 Million

Portfolio Turnover: 22%

Portfolio Assets: \$9,801 Million
Portfolio Manager: Preston G. Athey

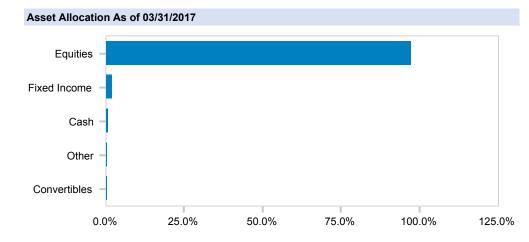
PM Tenure: 1991

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

Style Benchmark: Russell 2500 Index

Fund Investment Policy

The Fund seeks long-term capital growth by investing primarily in the common stock of companies with relatively small market capitalizations which are believed to be undervalued and have good prospects for capital appreciation.



Top Ten Securities As of 03/31/2017		
Home BancShares Inc ORD	1.4 %	
Western Alliance Bancorp ORD	1.1 %	
East West Bancorp Inc ORD	1.1 %	
Prosperity Bancshares Inc ORD	1.0 %	
PNM Resources Inc ORD	1.0 %	
Belden Inc ORD	1.0 %	
SVB Financial Group ORD	1.0 %	
BankUnited Inc ORD	0.9 %	
ONE Gas Inc ORD	0.9 %	
Landstar System Inc ORD	0.9 %	

Fund Characteristics As of 03/31/2017

Total Securities 326

Avg. Market Cap \$2,568 Million

 P/E
 30.2

 P/B
 3.4

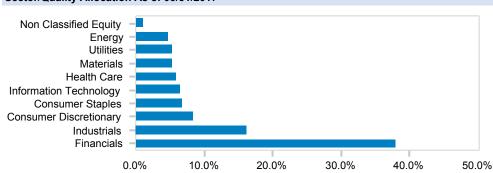
 Div. Yield
 2.0%

 Annual EPS
 13.8

 5Yr EPS
 9.6

 3Yr EPS Growth
 8.3

Sector/Quality Allocation As of 03/31/2017





Fund Name: Templeton Institutional Funds: International Equity Series; Primary Shares

Fund Family: Franklin Templeton Investments

Ticker: TFEQX

Inception Date : 10/18/1990

Fund Assets: Portfolio Turnover: 15%

Portfolio Assets: -

Portfolio Manager : Nori/Docal/Sweeting PM Tenure : 1999--2001--2003

Fund Style: IM International Multi-Cap Value Equity (MF)

Style Benchmark: MSCI EAFE IMI Value

Fund Investment Policy

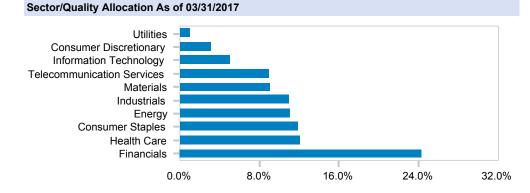
The Fund seeks long-term capital growth through a flexible policy of investing in equity securities and debt obligations of companies and governments outside the United States.

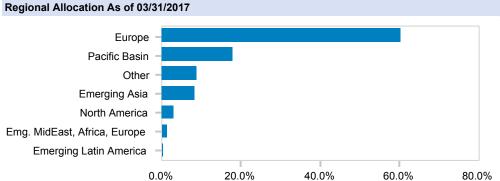
Asset Allocation As of 03/31/2017 Equities Other Cash Convertibles Fixed Income 0.0% 50.0% 100.0% 150.0%

Top Ten Securities As of 03/31/2017	
Samsung Electronics Co Ltd ORD	3.1 %
BP PLC ORD	2.5 %
Roche Holding AG Par	2.2 %
BNP Paribas SA ORD	2.0 %
Sanofi SA ORD	1.7 %
Bayer AG ORD	1.7 %
Merck KGaA ORD	1.6 %
ING Groep NV ORD	1.6 %
Akzo Nobel NV ORD	1.6 %
HSBC Holdings PLC ORD	1.6 %

Top 5 Countries As	of 03/31/2017
United Kingdom	14.0 %
Germany	12.7 %
Japan	10.0 %
France	9.7 %
Netherlands	9.4 %
und Characteristic	cs As of 03/31/2017
Total Securities	100
Avg. Market Cap	\$61,122 Million
P/E	25.3

	+,
P/E	25.3
P/B	2.3
Div. Yield	2.8%
Annual EPS	14.7
5Yr EPS	-1.9
3Yr EPS Growth	1.8







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

Fund Family: MFS Investment Management

Ticker: MIEIX
Inception Date: 01/31/1996
Fund Accepte: \$8.807 Million

Fund Assets: \$8,897 Million Portfolio Turnover: 12% Portfolio Assets : \$8,897 Million
Portfolio Manager : Ling/Benzinho
PM Tenure : 2009--2016

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.

Asset Allocation As of 05/31/2017 Equities - Cash - Fixed Income - Other - Convertibles - 0.0% 50.0% 100.0% 150.0%

Top Ten Securities As of 05/31/2017	
Nestle SA ORD	4.0 %
Bayer AG ORD	3.7 %
Roche Holding AG Par	3.0 %
Hoya Corp ORD	2.8 %
Compass Group PLC ORD	2.6 %
WPP PLC ORD	2.6 %
SAP SE ORD	2.6 %
AIA Group Ltd ORD	2.5 %
Pernod Ricard SA ORD	2.4 %
Reckitt Benckiser Group PLC ORD	2.4 %

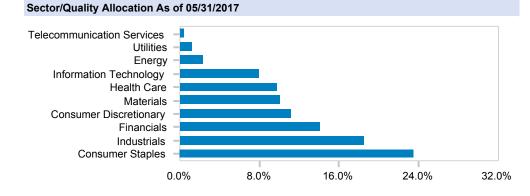
Top 5 Countries As	of 05/31/2017
France	14.5 %
United Kingdom	13.5 %
Switzerland	13.2 %
Japan	13.1 %
Germany	11.5 %
Fund Characteristics	s As of 05/31/2017
Total Securities	78
Avg. Market Cap	\$71,498 Million
P/E	24.6
P/B	4.2

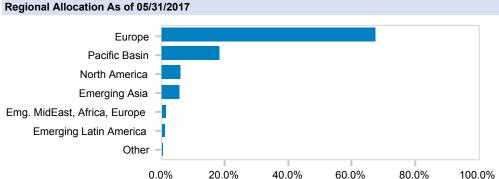
2.4%

15.7

6.7

9.6





Div. Yield

5Yr EPS

Annual EPS

3Yr EPS Growth



Fund Name: Vanguard Trustees' Equity Fund: Vanguard Emerging Markets Select Stock Fund; Portfolio Assets:

Investor Shares

Fund Family: Vanguard Group Inc

Ticker: VMMSX

Inception Date: 06/14/2011 Fund Assets: \$521 Million

Portfolio Turnover: 46%

Portfolio Assets: \$521 Million

Portfolio Manager : Team Managed

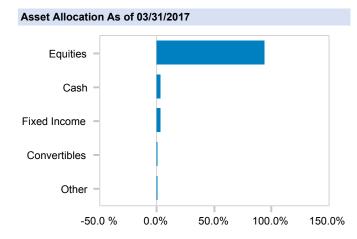
PM Tenure:

Fund Style: IM Emerging Markets Equity (MF)

Style Benchmark: MSCI Emerging Markets Index

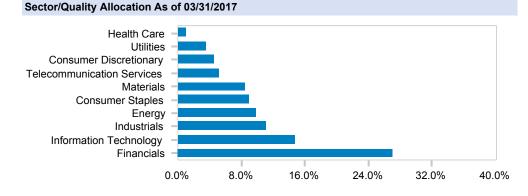
Fund Investment Policy

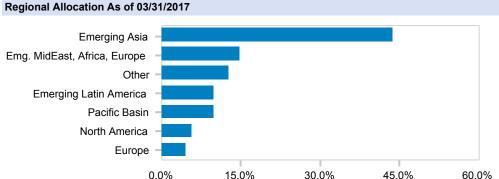
The Fund seeks long-term capital appreciation. The Fund invests in small-, mid-, and large-capitalization companies and is expected to diversify its assets among companies located in emerging markets around the world. The Fund invests at least 80% of its assets in common stocks of companies located in emerging markets.



Top Ten Securities As of 03/31/2017	
Vanguard Market Liquidity Fund	6.2 %
Taiwan Semiconductor Manufacturing	2.7 %
Tencent Holdings Ltd ORD	2.4 %
NK Lukoil PAO DR	2.1 %
Taiwan Semiconductor Manufacturing	1.8 %
Reliance Industries Ltd ORD	1.6 %
Samsung Electronics Co Ltd ORD	1.4 %
Baidu Inc DR	1.3 %
China Mobile Ltd ORD	1.3 %
China Construction Bank Corp ORD	1.2 %

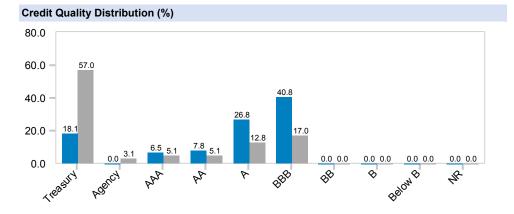
Top 5 Countries As o	f 03/31/2017
China	18.3 %
Taiwan	10.6 %
India	9.5 %
Brazil	9.5 %
Hong Kong	7.9 %
Fund Characteristics	As of 03/31/2017
Total Securities	293
Avg. Market Cap	\$51,265 Million
P/E	21.6
P/B	2.6
Div. Yield	3.0%
Annual EPS	11.0
5Yr EPS	5.6
3Yr EPS Growth	5.9

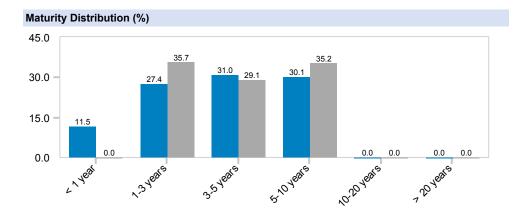


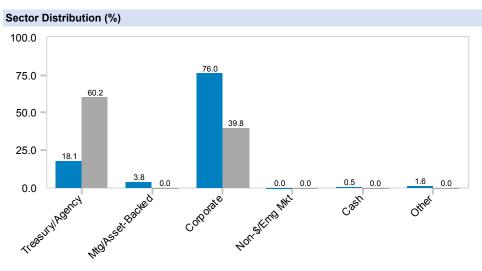


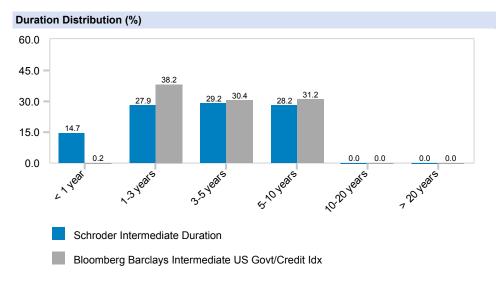


Portfolio Characteristics		
	Portfolio	Benchmark
Avg. Maturity	4.57	4.42
Avg. Quality	A	AA2/AA3
Coupon Rate (%)	3.12	2.43
Current Yield	3.03	2.41
Effective Duration	4.06	4.07



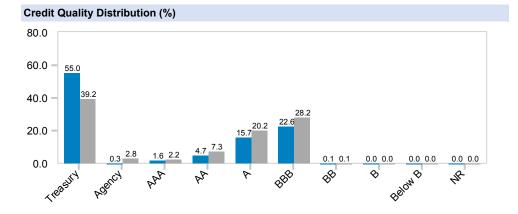


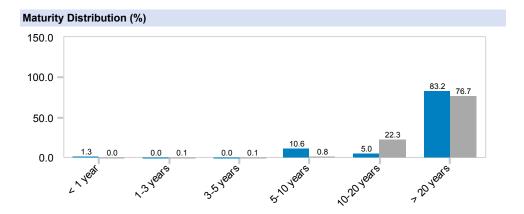


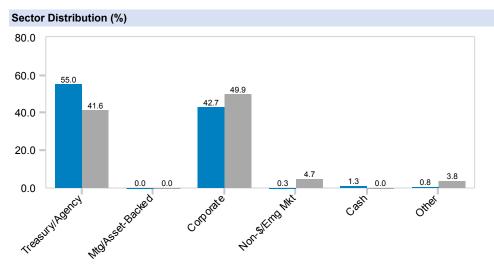


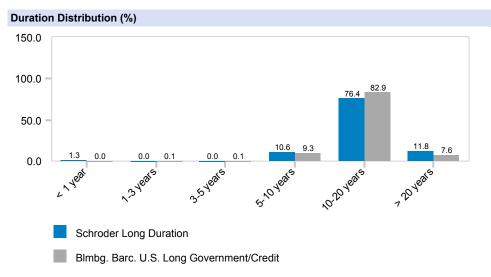


Portfolio Characteristics		
	Portfolio	Benchmark
Avg. Maturity	24.71	24.22
Avg. Quality	AA-	AA-
Coupon Rate (%)	4.24	4.69
Current Yield	3.69	4.05
Effective Duration	15.32	15.32











	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Employee's Total Fund	0.50	445,812,689	2,216,745	
Domestic Equity				
Cooke & Bieler	0.45	54,508,039	245,286	0.45 % of Assets
NTGI S&P 500	0.05	48,214,459	24,107	0.05 % of First \$100 M 0.02 % Thereafter
Sawgrass	0.50	54,051,333	270,257	0.50 % of Assets
NTGI S&P 400	0.05	21,737,931	10,869	0.05 % of First \$100 M 0.02 % Thereafter
T Rowe Price	0.80	21,726,272	173,810	0.80 % of Assets
Summit Creek	1.00	23,009,827	230,098	1.00 % of Assets
International Equity				
Templeton	0.78	38,527,366	300,513	0.78 % of Assets
MFS	0.71	39,653,679	281,541	0.71 % of Assets
Vanguard EM	0.93	14,746,763	137,145	0.93 % of Assets
Domestic Fixed Income				
Schroder Long Duration	0.38	19,433,660	73,848	0.38 % of First \$30 M 0.25 % of Next \$70 M 0.13 % Thereafter
NTGI Government / Credit	0.05	28,318,526	14,159	0.05 % of First \$100 M 0.02 % Thereafter
Schroder Intermediate Duration	0.32	53,697,805	173,245	0.38 % of First \$30 M 0.25 % of Next \$70 M 0.13 % Thereafter
Real Estate				
PGIM	1.00	28,186,673	281,867	1.00 % of Assets
Cash	0.00	355	-	0.00 % of Assets



Comparative Performance						
	QTR	FYTD	1 YR	3 YR	5 YR	10 YR
Employees' Total Fund	3.85	8.86	13.94	6.12	10.16	6.35
Sioux Falls Total Policy	3.14	7.65	14.30	6.12	10.04	5.62
Total Domestic Equity	3.88	9.83	18.65	8.73	13.92	7.37
Russell 3000 Index	3.02	8.93	18.51	9.10	14.58	7.26
Cooke & Bieler	5.27	12.06	24.39	10.35	14.93	7.27
Russell 1000 Value Index	1.34	4.66	15.53	7.36	13.94	5.57
NTGI S&P 500	3.06	9.31	17.85	9.66	14.66	7.12
S&P 500 Index	3.09	9.34	17.90	9.61	14.63	7.18
Sawgrass	3.11	9.90	11.61	8.43	13.37	7.52
Russell 1000 Growth Index	4.67	13.99	20.42	11.11	15.30	8.91
NTGI S&P 400	1.89	5.90	18.44	8.52	14.95	8.59
S&P MidCap 400 Index	1.97	5.99	18.57	8.53	14.92	8.56
T Rowe Price	2.27	3.61	24.32	7.56	13.14	7.55
Russell 2000 Value Index	0.67	0.54	24.86	7.02	13.39	5.92
Summit Creek	7.93	16.67	18.94	N/A	N/A	N/A
Russell 2000 Growth Index	4.39	9.97	24.40	7.64	13.98	7.82



	QTR	FYTD	1 YR	3 YR	5 YR	10 YR
Total International Equity	6.80	15.72	22.85	1.41	7.86	2.20
MSCI AC World ex USA (Net)	5.78	14.10	20.45	0.80	7.22	1.13
Templeton	5.60	13.24	22.63	0.12	7.90	1.28
MSCI EAFE Value Index (Net)	4.78	11.12	25.01	-0.59	8.12	-0.08
MFS	8.98	17.97	22.64	3.20	9.16	3.67
MSCI EAFE Growth Index (Net)	7.52	16.68	15.70	2.81	9.19	2.06
Vanguard EM	4.13	16.43	24.75	0.18	N/A	N/A
MSCI Emerging Markets (Net) Index	6.27	18.43	23.75	1.07	3.96	1.92
Total Domestic Fixed Income	1.89	2.93	0.09	3.09	3.52	6.58
Bloomberg Barclays U.S. Aggregate Index	1.45	2.27	-0.31	2.48	2.21	4.48
Schroder Intermediate Duration	1.12	2.03	0.58	2.21	2.89	N/A
Bloomberg Barclays Intermediate US Govt/Credit Idx	0.94	1.73	-0.21	1.92	1.77	3.87
NTGI Government / Credit	1.68	2.68	-0.43	2.60	2.28	4.63
Blmbg. Barc. U.S. Gov't/Credit	1.69	2.66	-0.41	2.62	2.29	4.57
Schroder Long Duration	4.37	5.87	-0.37	5.36	5.83	8.70
Blmbg. Barc. U.S. Long Government/Credit	4.39	6.03	-1.07	5.28	4.26	7.58
Real Estate						
PGIM	1.40	2.67	6.72	10.57	10.82	3.70
NCREIF Fund Index-ODCE (VW)	1.71	3.51	7.89	11.35	11.79	5.25
Cash	0.16	0.27	0.41	N/A	N/A	N/A
90 Day U.S. Treasury Bill	0.20	0.30	0.44	0.20	0.15	0.55



Active I	Rei	turi	n
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- 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.

Public Market Equivalent (PME)

- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.

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.



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