Investment Performance Review Period Ending March 31, 2018

City of Sioux Falls Employees'

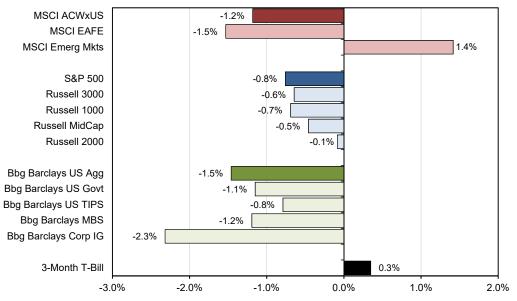


1st Quarter 2018 Market Environment

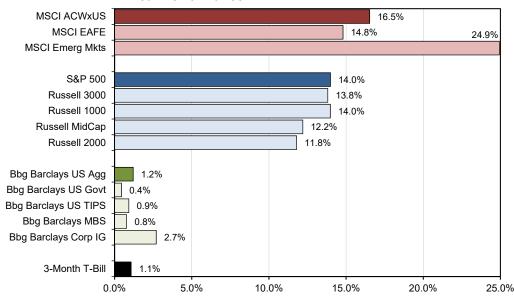


- Market returns were broadly negative across major equity and fixed income indices as we finished a highly volatile 1st quarter of 2018. Broad domestic and international equity markets pulled back modestly following a very strong 2017. Fixed income indices also posted negative results, producing returns in-line with those of equities during the quarter. However, when viewed over the past 1-year period, returns remain positive for major indices as improving macroeconomic data and robust corporate earnings worldwide outweighed the near-term market uncertainty. The US stock market represented by the Russell 3000 Index returned -0.6% and 13.8% for the quarter and 1-year period respectively. While the Russell 3000 outperformed the international MSCI ACWI ex US Index during the 1st quarter, international stocks have performed better over the last 12 months. While the US economy continues to show signs of expansion, investors focused on the future path of Federal Reserve (Fed) monetary policy and the emergence of new protectionist trade policies from the Trump administration during the quarter.
- International equity market benchmarks were mixed with developed markets posting modestly negative returns and emerging markets earning a slightly positive result. This is a continuation of the 2017 trend of emerging market outperformance relative to developed market equities. Emerging market stocks returned 1.4% and 24.9% over the quarter and 1-year period respectively. While the developed market MSCI EAFE Index lost ground through the 1st quarter, returning -1.5%, it still posted solid gains over the 1-year period returning 14.8%, narrowly outpacing major US indices. The strength in fundamentals abroad, ongoing US Dollar (USD) weakness and relatively accommodative global central bank policies continue to act as a tailwind to international markets relative to their US counterparts. Consequently, as the global recovery continues to take hold, international central banks have started to telegraph a greater likelihood of reduced stimulus in the future. Many international markets also saw their returns influenced, both positively and negatively, by ongoing political developments throughout the quarter.
- Interest rates on the US Treasury Yield Curve ended the 1st quarter of 2018 higher across all maturities. The movement in rates was considerable during the quarter as markets reacted to the greater likelihood of increasing inflation and a more restrictive than expected US monetary policy going forward. The Fed followed suit by increasing short-term interest rates by 25 basis points at their March meeting, the third increase in the last 12 months. The rising interest rate environment negatively impacted fixed income market returns for the quarter. The Bloomberg Barclays US Aggregate Index fell -1.5% for the quarter, but managed a positive 1.2% return for the 1-year period. Corporate credit reversed its 2017 trend of outperformance relative to other investment grade sectors returning -2.3% during the 1st quarter as credit spreads began to widen.

Quarter Performance



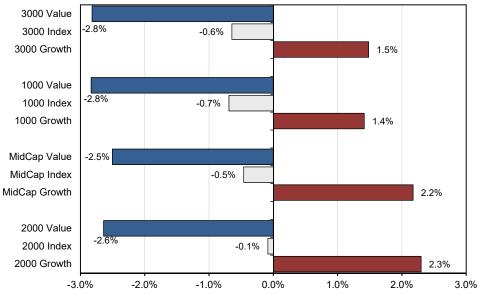
1-Year Performance



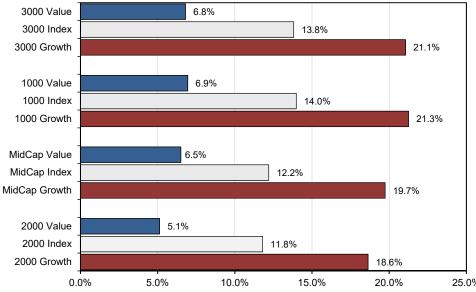


- US equity index returns were mixed across the style and capitalization spectrum to start 2018 with growth indices being the best performers. Markets were highly volatile throughout the quarter. Investors initially cheered the passage of the republican party tax reforms containing reductions to both individual and corporate income tax rates, increasing expectations for consumer spending and corporate earnings going forward. However, high US wage growth in January raised investor concerns that inflation could be picking up more quickly than the market expected, and would therefore require increased Fed action to prevent overheating of the economy. Market volatility rose and the S&P 500 Index had its first correction since 2015, falling over 10%. The market began a recovery from its February low as later economic releases made it appear that fears over inflation had likely been overstated. However, volatility returned in March when the Trump administration announced a series of protectionist tariff policies, with emphasis placed on China, increasing the potential for a global trade war. Despite the considerable market volatility, most US economic data was positive during the quarter and congress passed a new federal budget deal that will increase government spending by about \$300 billion over the next two years which can be used to stimulate the economy over the short-term.
- During the quarter, small cap stocks outperformed mid and large cap equities. The small cap Russell 2000 Index returned -0.1% during the period, while the large cap Russell 1000 Index returned -0.7%. The opposite was true over the 1-year period as large cap names were the best performers. The Russell 1000 returned 14.0% over the trailing year while the Russell 2000 posted a return of 11.8%. This large cap outperformance can be partially explained by their greater exposure to foreign markets relative to small cap companies. This can be especially beneficial during periods of USD weakness, such as that experienced over the last year. Large cap companies generate more revenue outside of the US which can expose them to faster growing markets, foreign tax benefits or strengthening foreign currencies.
- Growth indices outperformed value indices across the market cap spectrum for the fifth straight quarter and were all able to post a positive return for the 1st quarter of 2018. Performance for growth indices more than doubled value index performance for each respective cap segment for the year. Growth benchmarks benefitted from larger exposures to more cyclical names within the information technology, consumer discretionary, health care and industrials sectors. They also benefitted from underweights to more defensive "bond proxy" sectors such as REITs, utilities and telecom. Lower exposure to the energy sector also acted as tailwind to growth benchmarks.

Quarter Performance - Russell Style Series

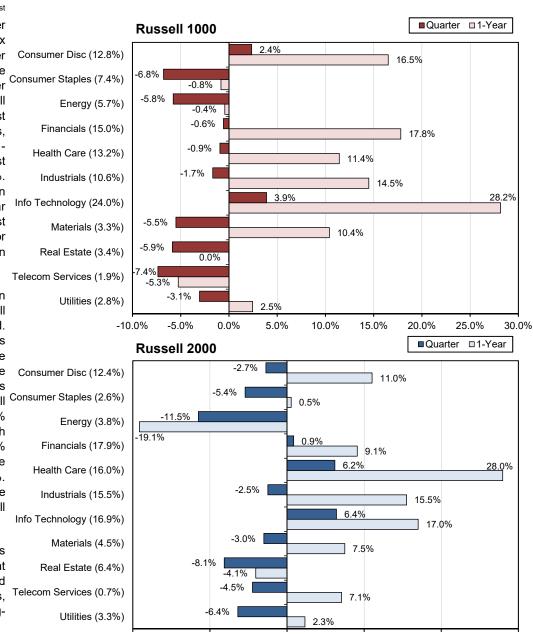


1-Year Performance - Russell Style Series





- Sector performance was largely negative across large cap sectors for the 1st quarter of 2018. Only two of eleven sectors had positive returns for the quarter and only three of eleven economic sectors outpaced the Russell 1000 Index return. Cyclical sectors tended to do well through the quarter with the higher yielding bond proxy sectors lagging on a relative basis as interest rates rose sharply during the period. Technology stocks continued their 2017 gains over the quarter, gaining 3.9% and consumer discretionary stocks performed well on the back of a strong holiday season earning a 2.4% return. The largest detractors for the quarter were the more defensive telecom services. consumer staples and real estate sectors which returned -7.4%, -6.8% and -5.9% respectively. Over the trailing 1-year period, technology was the best performing sector by a relatively wide margin returning an impressive 28.2%. Consumer discretionary and financials also returned greater than 15%. Seven of eleven large cap economic sectors posted positive returns for the 1-year period with six posting double digit returns. Telecom services was the largest underperformer losing -5.3%. The three other sectors with negative returns for the trailing year (real estate, energy and consumer staples) fell by less than 1.0%.
- Small cap sector results were mixed relative to their large capitalization counterparts. Only three of eleven economic sectors outpaced the Russell 2000 Index return for the quarter and posted positive results for the period. Like the large cap index sector performance, higher dividend yielding sectors also tended to trail more economically sensitive sectors. Technology was the best performing sector returning 6.4%. However, there were several notable differences, particularly in consumer discretionary and energy where there was significant underperformance relative to their large cap counterparts. Small Consumer Staples (2.6%) cap sectors trailed large cap sectors in those two categorizations by over 5.0% during the guarter. Similarly, the small cap health care sector had much stronger performance than the large cap health care sector posting a 6.2% gain for the quarter. Over the 1-year period, nine of eleven sectors have posted gains with four of eleven sectors having returns greater than 10%. Health care stocks were the best performers within the Russell 2000 for the year returning a solid 28.0%. Energy and real estate were the only Russell 2000 sectors to post a negative return, falling -19.1% and -4.1% respectively.
- 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 utilities, materials and energy sectors appear the most extended. In contrast the telecommunications, technology and health care sectors were trading at a discount to their long-term average P/E ratios.



-20.0%

-10.0%

0.0%

10.0%

20.0%



30.0%

Top 10 Weighted Stocks									
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector					
Apple Inc	3.41%	-0.5%	18.6%	Information Technology					
Microsoft Corp	2.74%	7.2%	41.5%	Information Technology					
Amazon.com Inc	2.33%	23.8%	63.3%	Consumer Discretionary					
Berkshire Hathaway Inc B	1.54%	0.6%	19.7%	Financials					
JPMorgan Chase & Co	1.52%	3.4%	28.0%	Financials					
Facebook Inc A	1.51%	-9.4%	12.5%	Information Technology					
Johnson & Johnson	1.38%	-7.7%	5.5%	Health Care					
Exxon Mobil Corp	1.27%	-9.9%	-5.5%	Energy					
Alphabet Inc C	1.25%	-1.4%	24.4%	Information Technology					
Alphabet Inc A	1.24%	-1.5%	22.3%	Information Technology					

Top 10 Weighted Stocks									
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector					
bluebird bio Inc	0.52%	-4.1%	87.8%	Health Care					
MGIC Investment Corp	0.49%	-7.9%	28.3%	Financials					
Sterling Bancorp	0.49%	-8.1%	-3.7%	Financials					
Wintrust Financial Corp	0.49%	4.7%	25.5%	Financials					
Umpqua Holdings Corp	0.48%	3.9%	25.1%	Financials					
Idacorp Inc	0.45%	-2.7%	9.2%	Utilities					
Hancock Holding Co	0.44%	4.9%	15.8%	Financials					
LivaNova PLC	0.44%	10.7%	80.6%	Health Care					
WGL Holdings Inc	0.44%	-2.0%	3.8%	Utilities					
Radian Group Inc	0.42%	-7.6%	6.1%	Financials					

То	p 10 Performii	ng Stocks (b	y Quarter)	
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
XL Group Ltd	0.06%	57.8%	41.6%	Financials
Abiomed Inc	0.05%	55.3%	132.4%	Health Care
Netflix Inc	0.48%	53.9%	99.8%	Consumer Discretionary
Validus Holdings Ltd	0.02%	44.6%	23.1%	Financials
Herbalife Ltd	0.02%	43.9%	67.6%	Consumer Staples
Agios Pharmaceuticals Inc	0.02%	43.0%	40.0%	Health Care
Match Group Inc	0.01%	41.9%	172.1%	Information Technology
Square Inc A	0.05%	41.9%	184.7%	Information Technology
CSRA Inc	0.03%	38.6%	43.0%	Information Technology
DST Systems Inc	0.02%	34.8%	37.9%	Information Technology

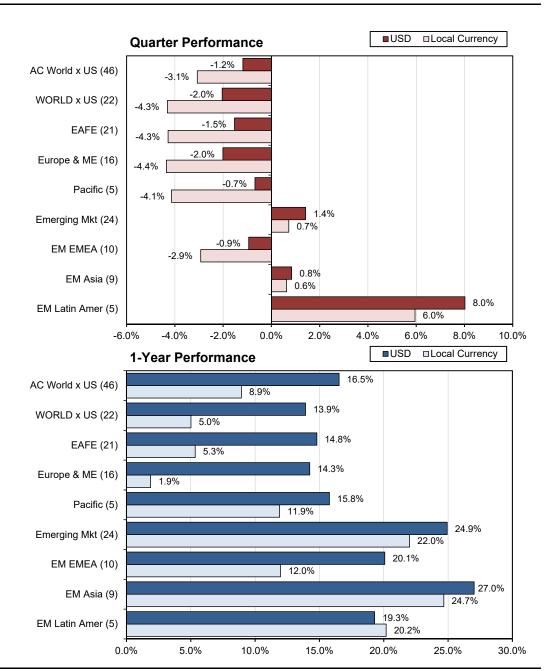
Тор	Top 10 Performing Stocks (by Quarter)										
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector							
Atara Biotherapeutics Inc	0.13%	115.5%	89.8%	Health Care							
Iovance Biotherapeutics Inc	0.12%	111.3%	126.8%	Health Care							
Cambium Learning Group Inc	0.01%	97.2%	128.6%	Consumer Discretionary							
G1 Therapeutics Inc	0.01%	86.7%	N/A	Health Care							
Arsanis Inc	0.00%	79.4%	N/A	Health Care							
Eastman Kodak Co	0.00%	72.6%	-53.5%	Information Technology							
American Public Education Inc	0.07%	71.7%	87.8%	Consumer Discretionary							
Infinera Corp	0.16%	71.6%	6.2%	Information Technology							
Novavax Inc	0.04%	69.4%	64.1%	Health Care							
WMIH Corp	0.03%	67.2%	-2.1%	Financials							

Bottor	Bottom 10 Performing Stocks (by Quarter)									
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector						
Colony NorthStar Inc A	0.01%	-49.8%	-52.7%	Real Estate						
Weatherford International PLC	0.01%	-45.1%	-65.6%	Energy						
Akorn Inc	0.01%	-41.9%	-22.3%	Health Care						
Universal Display Corp	0.02%	-41.5%	17.4%	Information Technology						
Macquarie Infrastructure Corp	0.01%	-40.3%	-49.7%	Industrials						
Patterson Companies Inc	0.01%	-38.0%	-49.6%	Health Care						
Mallinckrodt PLC	0.01%	-35.8%	-67.5%	Health Care						
L Brands Inc	0.04%	-35.8%	-14.5%	Consumer Discretionary						
OPKO Health Inc	0.00%	-35.3%	-60.4%	Health Care						
Coherent Inc	0.02%	-33.6%	-8.9%	Information Technology						

Botton	Bottom 10 Performing Stocks (by Quarter)									
Russell 2000	Weight	Weight 1-Qtr 1-Year Return Return		Sector						
Dermira Inc	0.01%	-71.3%	-76.6%	Health Care						
Ascent Capital Group Inc A	0.00%	-68.0%	-74.0%	Consumer Discretionary						
Roadrunner Transportation Systems Inc	0.01%	-67.1%	-63.0%	Industrials						
Tintri Inc	0.00%	-66.5%	N/A	Information Technology						
Westmoreland Coal Co	0.00%	-66.1%	-97.2%	Energy						
Protagonist Therapeutics Inc	0.01%	-58.7%	-32.9%	Health Care						
RAIT Financial Trust	0.00%	-56.9%	-94.5%	Real Estate						
Ultra Petroleum Corp	0.08%	-54.0%	-67.4%	Energy						
Melinta Therapeutics Inc	0.01%	-53.2%	-60.5%	Health Care						
Tetraphase Pharmaceuticals Inc	0.02%	-51.3%	-66.6%	Health Care						



- Similar to domestic equities, broad international equity returns pulled back during the 1st quarter. Performance was largely driven by the same catalysts as the US equity markets, as global macroeconomic data remained generally positive. US investors in international markets had a currency effect tailwind as the USD continued its 2017 fall, weakening against most other currencies during the 1st quarter. The MSCI ACWI ex US Index lost -1.2% in USD terms and -3.1% in local currency terms. Emerging markets were a bright spot for the quarter with the MSCI Emerging Markets Index finishing with a slight gain. The returns over the 1-year period are substantially better with MSCI ACWI ex US returning 16.5% in USD terms and 8.9% in local currency terms.
- Results for developed market international indices were negative to start 2018 in both USD and local currency terms with the MSCI EAFE Index returning -1.5% and -4.3% respectively. Investors ignored broadly positive global economic data, focusing their attention on US monetary policy uncertainty and the outlook for global trade relations. There were several newsworthy political events during the quarter. In Europe, Italian elections resulted in a hung parliament with the populist Five Star Movement winning the largest number of seats. There is currently no clear path for a coalition government to be formed and it is possible elections may need to be re-held. In contrast, German Chancellor Merkel succeeded in forming a "grand coalition" government during March. In the UK, continued progress was made on "Brexit" as the UK and European Union were able to agree to initial terms on a transition period following the UK's separation that should allow for an orderly withdrawal. In Japan, Prime Minister Abe was engulfed in a scandal regarding a discounted land sale to a school operator with ties to his wife and its subsequent coverup. The MSCI EAFE Index returned 14.8% and 5.3% for the last twelve months in USD and local currency terms respectively.
- The MSCI Emerging Market Index outperformed developed markets for the 1st quarter, posting a narrow gain of 1.4% and 0.7% in USD and local currency terms respectively. While emerging markets were also affected by the rise in global market volatility, strong GDP and corporate earnings growth combined with USD weakness helped them to finish the quarter ahead. China modestly outperformed despite late quarter trade tensions with the US. Brazil was the index's strongest performer, returning 12.4% in USD terms, after former President Lula da Silva had a corruption and money laundering conviction upheld, likely preventing him from running for office again and opening the door for future economic reforms. Russian equities also performed well after Standard & Poor's raised the countries credit rating to investment grade for the first time in over a decade citing prudent policy responses to sanctions and falling commodity prices. Indian stocks underperformed after fraud allegations emerged at a state-run bank. One year returns for the MSCI Emerging Market Index were 24.9% in USD terms and 22.0% in terms of local currency.



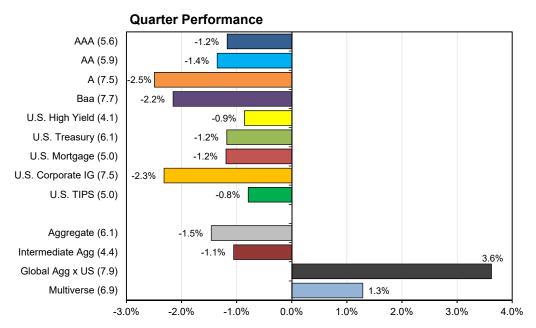


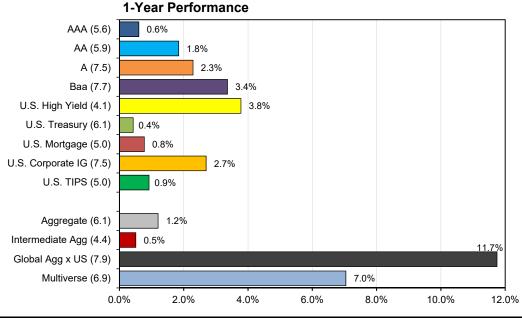
MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.6%	0.7%	19.2%
Consumer Staples	11.1%	-3.0%	10.4%
Energy	5.3%	-2.0%	21.4%
Financials	21.1%	-2.2%	13.6%
Health Care	10.2%	-0.9%	7.0%
Industrials	14.6%	-1.5%	17.4%
Information Technology	6.6%	1.1%	26.2%
Materials	8.0%	-3.8%	19.8%
Real Estate	3.5%	-1.5%	13.1%
Telecommunication Services	3.8%	-3.9%	3.1%
Utilities	3.3%	1.3%	12.1%
Total	100.0%	-1.5%	14.8%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.4%	-1.0%	18.6%
Consumer Staples	9.5%	-2.8%	11.0%
Energy	6.7%	-1.8%	15.4%
Financials	23.1%	-1.1%	15.9%
Health Care	7.7%	-0.3%	9.1%
Industrials	11.8%	-1.6%	16.3%
Information Technology	11.8%	1.8%	34.3%
Materials	8.0%	-2.9%	18.4%
Real Estate	3.2%	-1.7%	16.5%
Telecommunication Services	3.9%	-4.1%	3.6%
Utilities	3.0%	1.2%	10.9%
Total	100.0%	-1.2%	16.5%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	9.5%	-6.1%	16.5%
Consumer Staples	6.4%	-0.8%	15.8%
Energy	7.2%	7.5%	24.7%
Financials	24.0%	4.2%	25.6%
Health Care	2.8%	7.0%	34.6%
Industrials	5.2%	-0.8%	10.1%
Information Technology	27.8%	2.1%	40.1%
Materials	7.3%	0.7%	20.0%
Real Estate	2.8%	-2.1%	32.5%
Telecommunication Services	4.6%	-3.7%	4.5%
Utilities	2.4%	3.0%	9.2%
Total	100.0%	1.4%	24.9%

2	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	24.6%	16.8%	0.8%	19.6%
United Kingdom	17.3%	11.8%	-3.9%	11.9%
France	10.9%	7.5%	0.3%	20.4%
Germany	9.7%	6.6%	-3.6%	13.6%
Switzerland	7.8%	5.3%	-4.3%	8.2%
Australia	6.6%	4.5%	-6.2%	1.4%
Netherlands	3.7%	2.5%	1.0%	19.9%
Hong Kong	3.6%	2.5%	-1.4%	18.4%
Spain	3.2%	2.2%	-1.7%	8.8%
Sweden	2.7%	1.8%	-2.4%	7.6%
Italy	2.5%	1.7%	5.4%	27.5%
Denmark	1.8%	1.2%	-1.5%	25.1%
Singapore	1.4%	0.9%	2.8%	22.8%
Belgium	1.1%	0.8%	0.5%	13.3%
Finland	1.0%	0.7%	8.2%	23.5%
Norway	0.7%	0.5%	2.3%	29.3%
Ireland	0.5%	0.3%	-5.9%	7.2%
Israel	0.5%	0.3%	-5.3%	-8.4%
Austria	0.3%	0.2%	2.2%	48.5%
New Zealand	0.2%	0.1%	-5.1%	4.0%
Portugal	0.2%	0.1%	3.1%	17.9%
Total EAFE Countries	100.0%	68.3%	-1.5%	14.8%
Canada		6.2%	-7.4%	4.9%
Total Developed Countries		74.5%	-2.0%	13.9%
China		7.6%	1.8%	38.9%
Korea		3.9%	-0.5%	25.4%
Taiwan		3.0%	5.7%	20.6%
India		2.1%	-7.0%	10.2%
Brazil		1.9%	12.4%	26.4%
South Africa		1.7%	-4.2%	25.0%
Russia		0.9%	9.4%	20.6%
Mexico		0.7%	0.9%	0.9%
Malaysia		0.6%	8.5%	25.3%
Thailand		0.6%	9.0%	35.0%
Indonesia		0.5%	-7.2%	7.8%
Chile		0.3%	1.5%	24.5%
Poland		0.3%	-8.2%	20.7%
Philippines		0.3%	-11.6%	3.8%
Turkey		0.3%	-5.0%	18.6%
United Arab Emirates		0.2%	-1.0%	-0.4%
Oatar		0.1%	2.5%	-11.0%
Colombia		0.1%	4.9%	15.4%
Peru		0.1%	10.3%	44.7%
Greece		0.1%	-6.8%	24.3%
Hungary		0.1%	-1.0%	38.6%
Czech Republic		0.1%	6.4%	36.4%
Egypt		0.1%	10.9%	14.5%
Pakistan		0.0%	11.4%	-14.0%
Total Emerging Countries		25.5%	1.4%	24.9%
Total ACWIxUS Countries		100.0%	-1.2%	16.5%



- Broad fixed income benchmarks were mostly negative during the 1st quarter, with international bonds being the exception. Early in the guarter, particularly strong January wage growth report caused investors to speculate that inflation was quickly increasing and that the Fed would need to tighten monetary policy to a greater degree than originally planned. This sent a shock through financial markets and caused interest rates to rise considerably. Economic releases later in the guarter showed that the fear of inflation was most likely overstated. Later in the quarter, the Federal Open Market Committee (FOMC), led by new Fed Chair Jerome Powell, decided to increase short-term interest rates by 25 basis points. The current Fed Funds Rate target sits at 1.50% - 1.75%. This rate increase was expected by the market and, importantly, the Fed did not change its plan for further rate increases for 2018. Concerns over new Treasury issuance needed to finance plans for increased fiscal spending also could have contributed to the rise in interest rates. The yield curve flattened through the quarter as short-term yields rose at a greater rate than longer-term yields. The Bloomberg Barclays US Aggregate Index fell -1.5% the guarter, but managed a positive 1.2% return for the trailing year.
- Within investment grade credit, higher quality corporate issues generally outperformed lower quality issues for the quarter as credit spreads widened and investors looked for safety amid increased financial market volatility. AAA rated credit was the best performing investment grade credit quality segment returning -1.2% for the quarter. Interestingly, high yield debt outperformed relative to investment grade credit, returning -0.9%, as spreads widened to a lesser degree for these issues and the index benefitted from a lower duration. Part of the reason for the increased spread widening for investment grade issues relative to high yield issues was selling pressure from companies repatriating foreign cash reserves in response to the new tax code. When viewed over the 1-year period, lower quality issues have advanced to a greater degree, partly due to the continued strength in the global economy. High yield debt returned 3.8% over the period whereas AAA rated issues returned 0.6%.
- US Treasury securities were the best performing investment grade sector through the quarter, narrowly outperforming US mortgage backed securities (MBS). This reversed the trend of corporate credit outperformance that was witnessed through 2017 as investors reacted to market volatility and moved into higher quality government issues. The Bloomberg Barclays US Corporate IG Index returned -2.3% for the quarter as widening credit spreads and a higher duration acted as headwinds to these issues. US Treasury and US MBS both posted a -1.2%. However, over the trailing year, Treasury securities were the worst performing investment grade sector returning 0.4%, while US investment grade corporate bonds were the best performing investment grade sector gaining 2.7%.

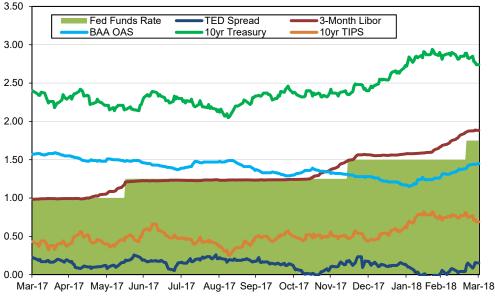




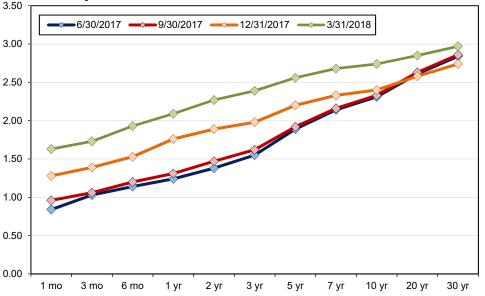


- In contrast to their domestic counterparts, global fixed income indices posted gains for the guarter. Global benchmarks are impacted by the same local yield and duration factors as domestic benchmarks. While these indices have relatively high durations, which would have acted as a headwind in the current quarter as interest rates increased, the returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. This currency effect can add additional return to foreign issues as it did during calendar year 2017, or it can further exacerbate negative performance as it did in 2016. Global bonds outperformed domestic issues during the quarter and 1-year period partially due to a currency effect tailwind caused by a weakening USD. Returns on global bonds represented by the Bloomberg Barclays Global Aggregate ex US Index were 3.6% and 11.7% for the 1st guarter and trailing twelve months respectively. As the global economy continues to recover, several international central banks have started to move toward a less accommodative posture. Notably, the ECB, has extended its current quantitative easing program well into 2018, but has reduced the amount of monthly asset purchases from 60 billion euro per month to 30 billion euro per month. They also signaled that they would end the program entirely if the eurozone recovery continues to flourish. Similarly, the Bank of Japan (BoJ) inferred that they could end their quantitative easing program sometime in 2019 if target metrics were met. Lastly, the BoE voted to raise interest rates for the first time in a decade during the 4th quarter of 2017 and indicated rates may rise again more quickly than expected.
- 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 significantly during the 1st quarter, rising from 2.40%, to a peak of 2.94%, before falling to 2.74% to end the period. 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 2017. However, the trend begins to reverse in early February. This increase is equivalent to an interest rate increase on corporate bonds, which produces a headwind for corporate bond index returns. These credit spreads have widened by about 17 basis points over the last 3-months. The green shading at the bottom of the graph illustrates the gradual increase in the Federal Funds Rate due to a less accommodative US monetary policy.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four calendar quarters. As mentioned, the yield curve continues to flatten as yields on shorter-term maturities have risen more than interest rates on the long end of the curve. The significant upward shift in interest rates that occurred in the 1st quarter is clearly visible.

1-Year Trailing Market Rates









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<u>Total Fund</u> The performance in the quarter of -0.7% ranked below median versus all Total Plans, and was just below the policy benchmark. The annual 10.9% return was top third and above the policy bogey, while the five-year 9.0% ranked in the top decile and beat the policy, as did the ten-year 7.9% performance. Performance was below average versus other Total Plans with a similar equity commitment for the quarter and for the year, top third for five years, and top quartile for ten years.

<u>Total Domestic Equities</u> Average return for the quarter, year and five years compared to the Total Domestic Equity universe. It was top third for ten years. It was above the Russell 3000 index for the quarter, about equal for the year, and below for five years, and above for ten years.

- Cooke & Bieler Below average return for the quarter and year versus Large Cap Value funds and above the Russell 1000 Value index. Top third for five years and for ten years and above the index.
- NTGI S&P 500 Index Fund Below average results for the quarter versus Large Cap Core funds. Average for the year and five years and slightly below average for ten. Close tracking of index returns
- Sawgrass Bottom quartile performance for the quarter versus large cap growth funds and below the Russell 1000 growth index. Results were bottom quartile for the year and five years and below the index. They were bottom third for ten years and lagged the index.
- NTGI S&P 400 Index Fund Average performance for the quarter versus Mid Cap Core funds; below average for the year and five years and average for ten. Close tracking of index returns.
- T Rowe Price Near top third results for the quarter versus Small Cap Value funds and above the Russell 2000 Value index. Top third and above the index for the year and near top third and above the index for five years. Top decile and well above the index for ten years.
- Summit Creek Top quartile performance versus Small Cap Growth funds and above the Russell 2000 Growth index in the quarter and for the year, but just below average and above the index for three years.

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

- Templeton Bottom quartile performance versus International Large Cap Value funds for the quarter and year, but above the EAFE Value index. Average for five years and just below the index and top quartile for ten and above the index.
- MFS Bottom third performance for the quarter versus International Large Cap Growth funds and below the EAFE Growth index. It was above average for the year and below the index. For five years it was near top third and just below the index and for ten years' results were top decile and above the index.
- Vanguard Emerging Markets Fund Top quartile return for the quarter compared to Emerging Market funds and above the index. Below average for the year and below the index. Four-year results were below average and below the index.

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

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

Total Real Estate

- PGIM Real Estate. Top third for the quarter versus Private Real Estate funds.
 Below median for the year and five years and above the index for all periods.
 Bottom quartile for ten and above the index.
- Principal Enhanced Property Fund. Account funded with \$4 million at yearend 2017. Top decile performance for the quarter and above the ODCE index.



1 Quarter				
	Market Value 01/01/2018	Net Flows	Return On Investment	Market Value 03/31/2018
Employees' Total Fund	466,117,813	-198,729	-3,277,087	462,641,998
Employees retain and	400,117,010	100,720	0,211,001	402,041,000
Total Domestic Equity	230,422,120	-4,198,978	-940,077	225,283,065
Cooke & Bieler	55,795,454	-1,362,767	-1,193,067	53,239,620
NTGI S&P 500	51,067,537	-5,321	-390,150	50,672,066
Sawgrass	55,521,279	-2,769,402	2,156	52,754,034
NTGI S&P 400	22,783,459	-2,374	-170,574	22,610,512
T Rowe Price	22,552,181	-	-363,152	22,189,029
Summit Creek	22,702,209	-59,114	1,174,709	23,817,804
Total International Equity	99,539,566	-	-846,364	98,693,202
Templeton	41,391,628	-	-790,563	40,601,065
MFS	41,429,574	-	-569,535	40,860,039
International Emerging Equity				
Vanguard EM	16,718,364	-	513,734	17,232,098
Total Domestic Fixed Income	102,930,321	84,923	-2,315,498	100,699,747
Schroder Intermediate Duration	54,041,917	19,009,339	-585,507	72,465,749
NTGI Government / Credit	28,685,221	-2,989	-448,234	28,233,998
Schroder Long Duration	20,203,183	-18,921,427	-1,281,756	-
Total Real Estate	29,218,490	3,915,326	823,772	33,957,587
PGIM	29,218,490	-71,674	704,261	29,851,076
Principal Enhanced Property Fund, LP[CE]	-	3,987,000	119,511	4,106,511
Cash	4,007,317	-	1,080	4,008,397



Fiscal Year To Date				
	Market Value 01/01/2018	Net Flows	Return On Investment	Market Value 03/31/2018
Employees' Total Fund	466,117,813	-198,729	-3,277,087	462,641,998
•		·	·	
Total Domestic Equity	230,422,120	-4,198,978	-940,077	225,283,065
Cooke & Bieler	55,795,454	-1,362,767	-1,193,067	53,239,620
NTGI S&P 500	51,067,537	-5,321	-390,150	50,672,066
Sawgrass	55,521,279	-2,769,402	2,156	52,754,034
NTGI S&P 400	22,783,459	-2,374	-170,574	22,610,512
T Rowe Price	22,552,181	-	-363,152	22,189,029
Summit Creek	22,702,209	-59,114	1,174,709	23,817,804
Total International Equity	99,539,566	-	-846,364	98,693,202
Templeton	41,391,628	-	-790,563	40,601,065
MFS	41,429,574	-	-569,535	40,860,039
International Emerging Equity				
Vanguard EM	16,718,364	-	513,734	17,232,098
Total Domestic Fixed Income	102,930,321	84,923	-2,315,498	100,699,747
Schroder Intermediate Duration	54,041,917	19,009,339	-585,507	72,465,749
NTGI Government / Credit	28,685,221	-2,989	-448,234	28,233,998
Schroder Long Duration	20,203,183	-18,921,427	-1,281,756	-
Total Real Estate	29,218,490	3,915,326	823,772	33,957,587
PGIM	29,218,490	-71,674	704,261	29,851,076
Principal Enhanced Property Fund, LP[CE]	-	3,987,000	119,511	4,106,511
Cash	4,007,317	-	1,080	4,008,397



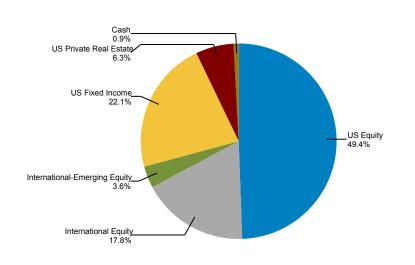
1 Year				
	Market Value 04/01/2017	Net Flows	Return On Investment	Market Value 03/31/2018
	04/01/2017		mvestment	03/31/2010
Employees' Total Fund	429,295,489	-13,076,169	46,422,678	462,641,998
Total Domestic Equity	223,638,551	-27,523,909	29,168,423	225,283,065
Cooke & Bieler	54,773,567	-6,746,864	5,212,916	53,239,620
NTGI S&P 500	49,026,717	-4,870,911	6,516,260	50,672,066
Sawgrass	52,423,467	-7,471,649	7,802,216	52,754,034
NTGI S&P 400	22,333,600	-2,059,399	2,336,310	22,610,512
T Rowe Price	23,761,133	-3,700,000	2,127,897	22,189,029
Summit Creek	21,320,067	-2,675,088	5,172,824	23,817,804
Total International Equity	82,278,126	2,819,039	13,596,037	98,693,202
Templeton	35,075,089	994,039	4,531,937	40,601,065
MFS	34,431,591	425,000	6,003,448	40,860,039
International Emerging Equity				
Vanguard EM	12,771,446	1,400,000	3,060,652	17,232,098
Total Domestic Fixed Income	95,579,850	3,921,445	1,198,452	100,699,747
Schroder Intermediate Duration	49,109,551	22,896,322	459,875	72,465,749
NTGI Government / Credit	27,850,465	-11,936	395,469	28,233,998
Schroder Long Duration	18,619,833	-18,962,941	343,107	-
Total Real Estate	27,798,725	3,707,256	2,451,606	33,957,587
PGIM	27,798,725	-279,744	2,332,095	29,851,076
Principal Enhanced Property Fund, LP[CE]	-	3,987,000	119,511	4,106,511
Cash	238	4,000,000	8,159	4,008,397



	Domestic	Domestic Equity Into		International Equity		Emerging Equity Do		Domestic Fixed Income		state	Cash Equivalent		Total Fund	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Employees' Total Fund	218,817	47.3	81,461	17.6	17,232	3.7	99,803	21.6	33,839	7.3	11,490	2.5	462,642	100.0
Total Domestic Equity	218,817	97.1	-	-	-	-	-	-	-	-	6,466	2.9	225,283	48.7
Cooke & Bieler	51,176	96.1	-	-	-	-	-	-	-	-	2,064	3.9	53,240	11.5
NTGI S&P 500	50,672	100.0	-	-	-	-	-	-	-	-	-	-	50,672	11.0
Sawgrass	49,215	93.3	-	-	-	-	-	-	-	-	3,539	6.7	52,754	11.4
NTGI S&P 400	22,611	100.0	-	-	-	-	-	-	-	-	-	-	22,611	4.9
T Rowe Price	22,189	100.0	-	-	-	-	-	-	-	-	-	-	22,189	4.8
Summit Creek	22,954	96.4	-	-	-	-	-	-	-	-	863	3.6	23,818	5.1
Total International Equity	-	-	81,461	82.5	17,232	17.5	-	-	-	-	-	-	98,693	21.3
Templeton	-	-	40,601	100.0	-	-	-	-	-	-	-	-	40,601	8.8
MFS	-	-	40,860	100.0	-	-	-	-	-	-	-	-	40,860	8.8
International Emerging Equity														
Vanguard EM	-	-	-	-	17,232	100.0	-	-	-	-	-	-	17,232	3.7
Total Domestic Fixed Income	-	-	-	-	-	-	99,803	99.1	-	-	896	0.9	100,700	21.8
Schroder Intermediate Duration	-	-	-	-	-	-	71,569	98.8	-	-	896	1.2	72,466	15.7
NTGI Government / Credit	-	-	-	-	-	-	28,234	100.0	-	-	-	-	28,234	6.1
Schroder Long Duration	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Total Real Estate	-	-	-	-	-	-	-	-	33,839	99.6	119	0.4	33,958	7.3
PGIM	-	-	-	-	-	-	-	-	29,851	100.0	-	-	29,851	6.5
Principal Enhanced Property Fund, LP[CE]	-	-	-	-	-	-	-	-	3,988	97.1	119	2.9	4,107	0.9
Cash	-	_		-			-	-	-	-	4,008	100.0	4,008	0.9

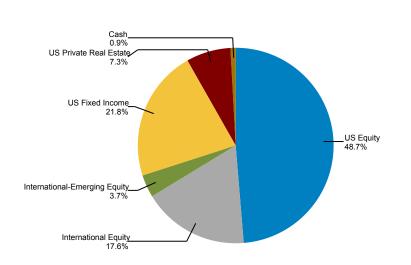


December 31, 2017 : \$466,117,813



Allocation		
	Market Value	Allocation
■ US Equity	230,422,120	49.4
International Equity	82,821,202	17.8
International-Emerging Equity	16,718,364	3.6
US Fixed Income	102,930,321	22.1
US Private Real Estate	29,218,490	6.3
Cash	4,007,317	0.9

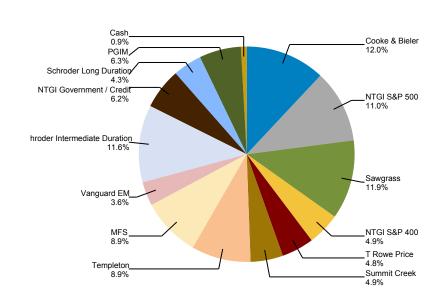
March 31, 2018 : \$462,641,998



Allocation			
	Market Value	Allocation	
■ US Equity	225,283,065	48.7	
International Equity	81,461,105	17.6	
International-Emerging Equity	17,232,098	3.7	
US Fixed Income	100,699,747	21.8	
US Private Real Estate	33,957,587	7.3	
Cash	4,008,397	0.9	

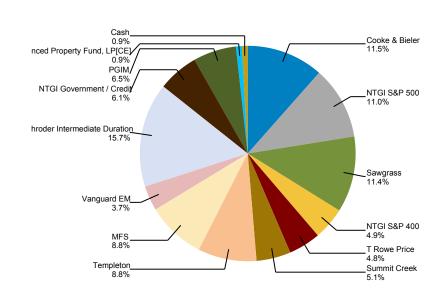


December 31, 2017 : \$466,117,813



	Market Value	Allocation
Cooke & Bieler	55,795,454	12.0
NTGI S&P 500	51,067,537	11.0
Sawgrass	55,521,279	11.9
NTGI S&P 400	22,783,459	4.9
T Rowe Price	22,552,181	4.8
Summit Creek	22,702,209	4.9
Templeton	41,391,628	8.9
MFS	41,429,574	8.9
Vanguard EM	16,718,364	3.6
Schroder Intermediate Duration	54,041,917	11.6
NTGI Government / Credit	28,685,221	6.2
Schroder Long Duration	20,203,183	4.3
PGIM	29,218,490	6.3
Principal Enhanced Property Fund, LP[CE]	-	0.0
Cash	4,007,317	0.9

March 31, 2018 : \$462,641,998



	Market Value	Allocation
Cooke & Bieler	53,239,620	11.5
NTGI S&P 500	50,672,066	11.0
Sawgrass	52,754,034	11.4
NTGI S&P 400	22,610,512	4.9
T Rowe Price	22,189,029	4.8
Summit Creek	23,817,804	5.1
Templeton	40,601,065	8.8
MFS	40,860,039	8.8
Vanguard EM	17,232,098	3.7
Schroder Intermediate Duration	72,465,749	15.7
NTGI Government / Credit	28,233,998	6.1
Schroder Long Duration	-	0.0
PGIM	29,851,076	6.5
Principal Enhanced Property Fund, LP[CE]	4,106,511	0.9
Cash	4,008,397	0.9

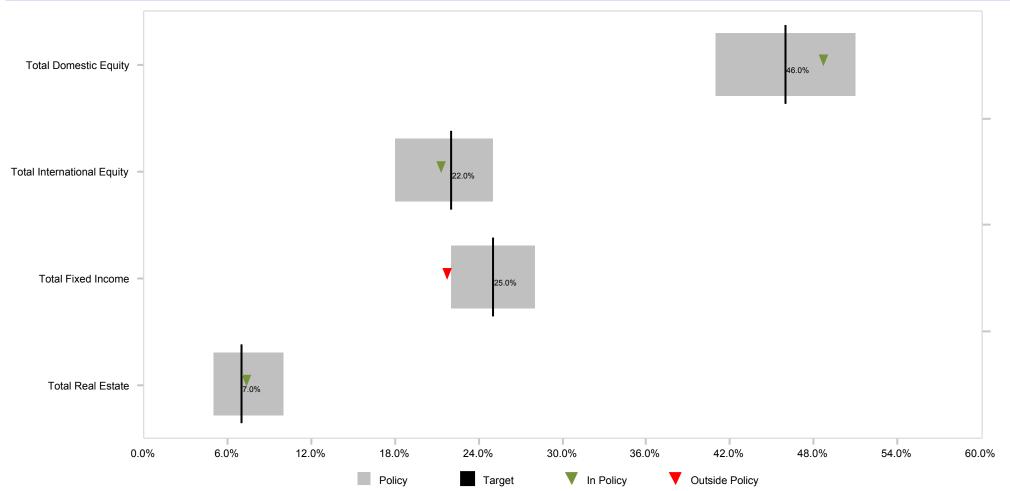


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	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Employee's Total Fund	462,641,998	100.0		100.0		-	0.0
Total Domestic Equity	225,283,065	48.7	41.0	46.0	51.0	-12,467,746	2.7
Total International Equity	98,693,202	21.3	18.0	22.0	25.0	3,088,037	-0.7
Total Fixed Income	100,699,747	21.8	22.0	25.0	28.0	14,960,753	-3.2
Total Real Estate	33,957,587	7.3	5.0	7.0	10.0	-1,572,648	0.3

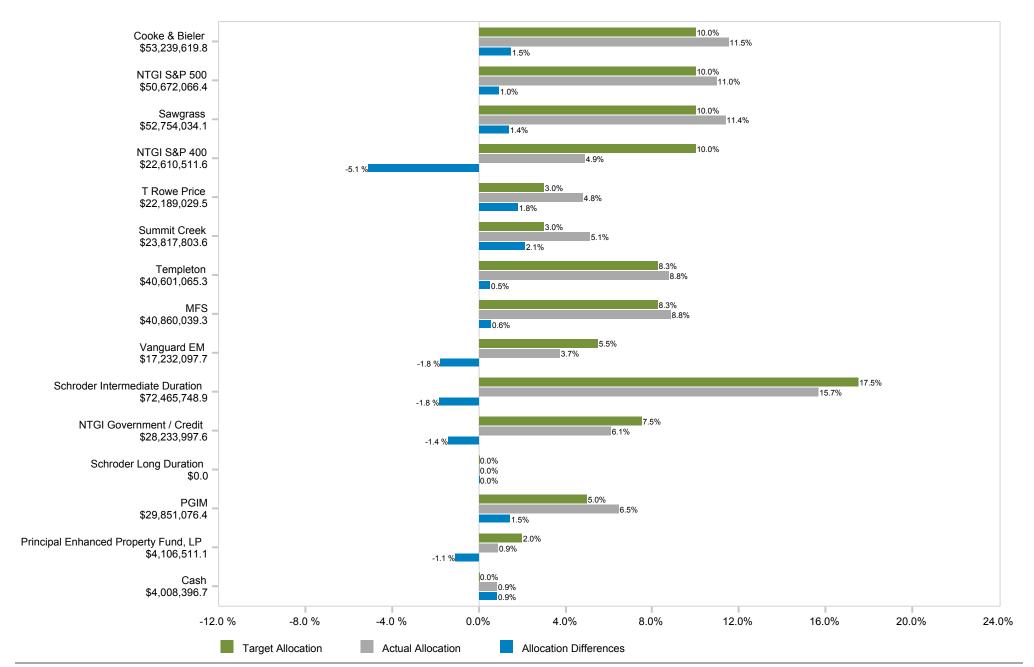
Allocation Summary





Asset Allocation Compliance					
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Target Rebal. (\$000)	Differences (%)
Employee's Total Fund	462,641,998	100.0	100.0	-	0.0
Total Equity	323,976,267	70.0	68.0	-9,379,709	2.0
Total Domestic Equity	225,283,065	48.7	46.0	-12,467,746	2.7
Cooke & Bieler	53,239,620	11.5	10.0	-6,975,420	1.5
NTGI S&P 500	50,672,066	11.0	10.0	-4,407,867	1.0
Sawgrass	52,754,034	11.4	10.0	-6,489,834	1.4
NTGI S&P 400	22,610,512	4.9	10.0	23,653,688	-5.1
T Rowe Price	22,189,029	4.8	3.0	-8,309,770	1.8
Summit Creek	23,817,804	5.1	3.0	-9,938,544	2.1
Total International Equity	98,693,202	21.3	22.0	3,088,037	-0.7
Templeton	40,601,065	8.8	8.3	-2,433,100	0.5
MFS	40,860,039	8.8	8.3	-2,692,075	0.6
Vanguard EM	17,232,098	3.7	5.5	8,213,212	-1.8
Total Fixed Income	100,699,747	21.8	25.0	14,960,753	-3.2
Total Domestic Fixed Income	100,699,747	21.8	25.0	14,960,753	-3.2
Schroder Intermediate Duration	72,465,749	15.7	17.5	8,496,601	-1.8
NTGI Government / Credit	28,233,998	6.1	7.5	6,464,152	-1.4
Schroder Long Duration	-	0.0	0.0	-	0.0
Total Real Estate	33,957,587	7.3	7.0	-1,572,648	0.3
PGIM	29,851,076	6.5	5.0	-6,718,976	1.5
Principal Enhanced Property Fund, LP	4,106,511	0.9	2.0	5,146,329	-1.1
Cash	4,008,397	0.9	0.0	-4,008,397	0.9







Comparative Performance												
	Q	TR	FY	TD	1 `	ΥR	3 \	/R	5 \	/R	10	YR
Employees' Total Fund	-0.70	(64)	-0.70	(64)	10.88	(28)	7.18	(15)	9.00	(9)	7.91	(5)
Sioux Falls Total Policy	-0.68	(63)	-0.68	(63)	10.67	(32)	7.25	(13)	8.82	(12)	6.94	(27)
All Master Trust - Total Fund Median	-0.49		-0.49		9.85		6.01		7.36		6.36	
Employee's Total Fund	-0.70	(64)	-0.70	(64)	10.88	(68)	7.18	(46)	9.00	(30)	7.91	(15)
Sioux Falls Total Policy	-0.68	(63)	-0.68	(63)	10.67	(74)	7.25	(41)	8.82	(40)	6.94	(53)
Master Trust >=70% Equity Median	-0.49		-0.49		11.57		7.05		8.59		6.97	
Total Domestic Equity	-0.41	(52)	-0.41	(52)	13.76	(52)	9.96	(50)	12.49	(54)	9.98	(28)
Russell 3000 Index	-0.64	(65)	-0.64	(65)	13.81	(51)	10.22	(40)	13.03	(36)	9.62	(44)
All Master Trust-US Equity Segment Median	-0.40		-0.40		13.85		9.93		12.61		9.41	
Cooke & Bieler	-2.15	(57)	-2.15	(57)	10.16	(56)	9.58	(33)	12.73	(31)	9.71	(28)
Russell 1000 Value Index	-2.83	(77)	-2.83	(77)	6.95	(89)	7.88	(70)	10.78	(76)	7.78	(82)
IM U.S. Large Cap Value Equity (SA+CF) Median	-1.95		-1.95		10.53		8.88		11.99		9.03	
NTGI S&P 500	-0.76	(65)	-0.76	(65)	13.99	(52)	10.84	(31)	13.38	(46)	9.49	(62)
S&P 500 Index	-0.76	(64)	-0.76	(64)	13.99	(52)	10.78	(33)	13.31	(52)	9.49	(61)
IM U.S. Large Cap Core Equity (SA+CF) Median	-0.44		-0.44		14.02		10.23		13.32		9.75	
Sawgrass	-0.01	(86)	-0.01	(86)	15.25	(85)	9.61	(82)	13.01	(83)	10.05	(71)
Russell 1000 Growth Index	1.42	(61)	1.42	(61)	21.25	(46)	12.90	(30)	15.53	(39)	11.34	(41)
IM U.S. Large Cap Growth Equity (SA+CF) Median	1.99		1.99		20.83		11.66		15.03		10.99	
NTGI S&P 400	-0.75	(46)	-0.75	(46)	10.96	(60)	9.00	(41)	12.05	(63)	10.98	(53)
S&P MidCap 400 Index	-0.77	(54)	-0.77	(54)	10.97	(58)	8.96	(50)	11.97	(72)	10.90	(67)
IM U.S. Mid Cap Core Equity (SA+CF) Median	-0.76		-0.76		11.04		8.96		12.39		11.01	
T Rowe Price	-1.61	(35)	-1.61	(35)	10.07	(29)	10.66	(3)	10.57	(37)	10.28	(11)
Russell 2000 Value Index	-2.64	(48)	-2.64	(48)	5.13	(67)	7.87	(42)	9.96	(48)	8.61	(51)
IM U.S. Small Cap Value Equity (MF) Median	-2.71		-2.71		7.86		7.04		9.48		8.62	
Summit Creek	5.18	(18)	5.18	(18)	25.19	(20)	9.47	(52)	N/A		N/A	
Russell 2000 Growth Index	2.30	(52)	2.30	(52)	18.63	(51)	8.77	(61)	12.90	(58)	10.95	(62)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	2.40		2.40		18.76		9.61		13.31		11.55	



	0	TR	FY	TD	1 '	YR	3 \	/R	5 \	/R	10	YR
Total International Equity	-0.85	(67)	-0.85	(67)	15.76	(72)	5.83	(82)	6.22	(85)	4.05	(55)
MSCI AC World ex USA (Net)	-1.18	(77)	-1.18	(77)	16.53	(63)	6.18	(77)	5.89	(93)	2.70	(91)
All Master Trust-Intl. Equity Segment Median	-0.41	(11)	-0.41	(,,,	17.64	(00)	7.29	(11)	7.33	(00)	4.26	(01)
Templeton	-1.91	(77)	-1.91	(77)	12.43	(86)	4.13	(81)	5.68	(47)	3.07	(16)
MSCI EAFE Value Index (Net)	-2.03	(77)	-2.03	(77)	12.19	(89)	4.29	(64)	5.78	(46)	1.97	(43)
IM International Large Cap Value Equity (MF) Median	-1.49		-1.49		13.34		4.49		5.56		1.81	
MFS	-1.37	(70)	-1.37	(70)	16.68	(46)	6.07	(54)	7.01	(34)	5.34	(5)
MSCI EAFE Growth Index (Net)	-1.04	(59)	-1.04	(59)	17.51	(43)	6.73	(42)	7.14	(32)	3.44	(56)
IM International Large Cap Growth Equity (MF) Median	-0.70		-0.70		16.10		6.33		6.36		3.68	
Vanguard EM	3.07	(24)	3.07	(24)	21.68	(63)	9.87	(32)	N/A		N/A	
MSCI Emerging Markets (Net) Index	1.42	(61)	1.42	(61)	24.93	(42)	8.81	(47)	4.99	(45)	3.02	(47)
IM Emerging Markets Equity (MF) Median	1.96		1.96		23.87		8.55		4.74		2.84	
Total Domestic Fixed Income	-2.25	(80)	-2.25	(80)	1.21	(78)	1.23	(81)	2.70	(46)	5.81	(28)
Blmbg. Barc. U.S. Aggregate Index	-1.46	(71)	-1.46	(71)	1.20	(79)	1.20	(82)	1.82	(69)	3.63	(76)
All Master Trust-US Fixed Income Segment Median	-1.08		-1.08		2.11		2.06		2.47		4.57	
Schroder Intermediate Duration	-1.09	(87)	-1.09	(87)	0.87	(48)	1.48	(31)	2.12	(16)	N/A	
Bloomberg Barclays Intermediate US Govt/Credit Idx	-0.98	(70)	-0.98	(70)	0.35	(94)	0.94	(89)	1.25	(88)	2.92	(92)
IM U.S. Intermediate Duration (SA+CF) Median	-0.90		-0.90		0.83		1.32		1.62		3.57	
NTGI Government / Credit	-1.56	(89)	-1.56	(89)	1.42	(62)	1.26	(80)	1.89	(77)	3.72	(86)
Blmbg. Barc. U.S. Gov't/Credit	-1.58	(91)	-1.58	(91)	1.38	(67)	1.22	(82)	1.84	(82)	3.65	(89)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-1.37		-1.37		1.65		1.56		2.15		4.29	
Schroder Long Duration	-6.33	(100)	-6.33	(100)	1.85	(100)	1.29	(99)	4.40	(67)	7.84	(39)
Blmbg. Barc. U.S. Long Government/Credit	-3.58	(50)	-3.58	(50)	5.09	(67)	2.13	(89)	4.09	(89)	6.79	(98)
IM U.S. Long Duration (SA+CF) Median	-3.58		-3.58		5.22		2.66		4.49		7.62	
Total Real Estate	2.48	(24)	2.48	(24)	8.50	(54)	10.21	(62)	11.70	(63)	4.66	(88)
NCREIF Fund Index-ODCE (EW) (Net)	1.95	(80)	1.95	(80)	7.25	(93)	9.33	(82)	10.53	(81)	4.02	(99)
IM U.S. Open End Private Real Estate (SA+CF) Median	2.23		2.23		8.62		10.38		12.13		5.37	
PGIM	2.41	(32)	2.41	(32)	8.42	(57)	10.19	(66)	11.69	(63)	4.65	(88)
NCREIF Fund Index-ODCE (EW) (Net)	1.95	(80)	1.95	(80)	7.25	(93)	9.33	(82)	10.53	(81)	4.02	(99)
IM U.S. Open End Private Real Estate (SA+CF) Median	2.23		2.23		8.62		10.38		12.13		5.37	
Principal Enhanced Property Fund, LP[CE]	2.99	(3)	2.99	(3)	N/A		N/A		N/A		N/A	
NCREIF Fund Index-ODCE (EW) (Net)	1.95	(80)	1.95	(80)	7.25	(93)	9.33	(82)	10.53	(81)	4.02	(99)
IM U.S. Open End Private Real Estate (SA+CF) Median	2.23		2.23		8.62		10.38		12.13		5.37	
Cash	0.30		0.30		0.95		N/A		N/A		N/A	
90 Day U.S. Treasury Bill	0.35		0.35		1.11		0.49		0.31		0.32	

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



Comparative Performance										
	Ye End	1 ear ding -2018	Ye End Mar-	ear ling	1 Ye End Mar-	ar ling		ear ling	Ye End Mar-	ear ling
Employees' Total Fund	10.88	(28)	11.77	(28)	-0.66	(33)	8.20	(27)	15.51	(9)
Sioux Falls Total Policy	10.67	(32)	12.91	(11)	-1.26	(46)	7.79	(33)	14.72	(15)
All Master Trust - Total Fund Median	9.85		10.71		-1.51		6.77		11.91	
Employee's Total Fund	10.88	(68)	11.77	(71)	-0.66	(15)	8.20	(36)	15.51	(40)
Sioux Falls Total Policy	10.67	(74)	12.91	(44)	-1.26	(25)	7.79	(47)	14.72	(58)
Master Trust >=70% Equity Median	11.57		12.72		-2.43		7.63		14.97	
Total Domestic Equity	13.76	(52)	16.65	(71)	0.19	(24)	10.86	(53)	22.19	(51)
Russell 3000 Index	13.81	(51)	18.07	(46)	-0.34	(33)	12.37	(23)	22.61	(46)
All Master Trust-US Equity Segment Median	13.85		17.75		-1.28		10.93		22.25	
Cooke & Bieler	10.16	(56)	20.05	(31)	-0.49	(30)	12.35	(25)	23.15	(50)
Russell 1000 Value Index	6.95	(89)	19.22	(40)	-1.54	(41)	9.33	(57)	21.57	(67)
IM U.S. Large Cap Value Equity (SA+CF) Median	10.53		18.19		-2.26		9.96		23.12	
NTGI S&P 500	13.99	(52)	17.21	(42)	1.93	(27)	12.84	(56)	21.92	(62)
S&P 500 Index	13.99	(52)	17.17	(43)	1.78	(29)	12.73	(58)	21.86	(64)
IM U.S. Large Cap Core Equity (SA+CF) Median	14.02		16.28		-0.18		13.26		22.74	
Sawgrass	15.25	(85)	10.20	(94)	3.69	(12)	13.76	(66)	23.06	(61)
Russell 1000 Growth Index	21.25	(46)	15.76	(48)	2.52	(21)	16.09	(43)	23.22	(61)
IM U.S. Large Cap Growth Equity (SA+CF) Median	20.83		15.42		-0.29		15.28		23.95	
NTGI S&P 400	10.96	(60)	20.95	(29)	-3.50	(41)	12.27	(56)	21.46	(78)
S&P MidCap 400 Index	10.97	(58)	20.92	(32)	-3.60	(58)	12.19	(67)	21.24	(87)
IM U.S. Mid Cap Core Equity (SA+CF) Median	11.04		19.63		-3.56		13.22		23.93	
T Rowe Price	10.07	(29)	26.65	(37)	-2.78	(12)	0.32	(68)	21.57	(70)
Russell 2000 Value Index	5.13	(67)	29.37	(22)	-7.72	(56)	4.43	(42)	22.65	(66)
IM U.S. Small Cap Value Equity (MF) Median	7.86	• •	23.68		-7.23	• •	3.45	• •	24.11	• •
Summit Creek	25.19	(20)	9.29	(99)	-4.11	(12)	N/A		N/A	
Russell 2000 Growth Index	18.63	(51)	23.03	(53)	-11.84	(51)	12.06	(19)	27.19	(60)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	18.76	. ,	23.33	•	-11.76	` '	8.45	. ,	28.30	



	1 Year Ending Mar-2018		1 Year Ending Mar-2017		1 Year Ending Mar-2016		1 Year Ending Mar-2015		1 Year Ending Mar-2014	
Total International Equity	15.76	(72)	13.12	(56)	-9.48	(86)	-1.01	(87)	15.22	(46)
MSCI AC World ex USA (Net)	16.53	(63)	13.13	(56)	-9.19	(83)	-1.01	(87)	12.31	(72)
All Master Trust-Intl. Equity Segment Median	17.64		13.46		-7.26		0.80		14.39	
- empleton	12.43	(86)	12.10	(56)	-10.42	(41)	-3.34	(25)	20.79	(30
MSCI EAFE Value Index (Net)	12.19	(89)	15.98	(1)	-12.82	(98)	-2.90	(23)	20.25	(37
IM International Large Cap Value Equity (MF) Median	13.34		12.75		-10.94		-4.54		18.67	
MFS .	16.68	(46)	11.13	(34)	-7.95	(63)	2.66	(22)	14.51	(46
MSCI EAFE Growth Index (Net)	17.51	(43)	7.45	(72)	-3.70	(14)	1.05	(49)	14.92	(44
IM International Large Cap Growth Equity (MF) Median	16.10		9.22		-6.81		0.90		14.15	
anguard EM	21.68	(63)	22.91	(9)	-11.32	(49)	-4.51	(77)	N/A	
MSCI Emerging Markets (Net) Index	24.93	(42)	17.21	(45)	-12.03	(57)	0.44	(37)	-1.43	(44
IM Emerging Markets Equity (MF) Median	23.87		16.46		-11.49		-0.98		-1.91	
otal Domestic Fixed Income	1.21	(78)	1.73	(62)	0.74	(66)	8.92	(26)	1.13	(29
Blmbg. Barc. U.S. Aggregate Index	1.20	(79)	0.44	(87)	1.96	(23)	5.72	(49)	-0.10	(63
All Master Trust-US Fixed Income Segment Median	2.11		2.40		1.27		5.62		0.27	
schroder Intermediate Duration	0.87	(48)	1.75	(23)	1.82	(73)	4.43	(22)	1.75	(10
Bloomberg Barclays Intermediate US Govt/Credit Idx	0.35	(94)	0.42	(81)	2.06	(57)	3.58	(73)	-0.13	(82
IM U.S. Intermediate Duration (SA+CF) Median	0.83		0.96		2.12		3.88		0.40	
ITGI Government / Credit	1.42	(62)	0.59	(69)	1.76	(75)	5.94	(44)	-0.17	(79
Blmbg. Barc. U.S. Gov't/Credit	1.38	(67)	0.54	(70)	1.75	(77)	5.86	(54)	-0.26	(85
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.65		1.05		2.06		5.90		0.30	
Schroder Long Duration	1.85	(100)	2.56	(44)	-0.52	(77)	16.81	(5)	2.14	(9)
Blmbg. Barc. U.S. Long Government/Credit	5.09	(67)	0.98	(93)	0.39	(46)	15.73	(24)	-0.88	(91
IM U.S. Long Duration (SA+CF) Median	5.22		2.35		0.25		15.01		0.11	
otal Real Estate	8.50	(54)	8.03	(72)	14.22	(48)	14.17	(59)	13.78	(56
NCREIF Fund Index-ODCE (EW) (Net)	7.25	(93)	7.72	(73)	13.12	(65)	12.37	(88)	12.32	(79
IM U.S. Open End Private Real Estate (SA+CF) Median	8.62		9.03		14.19		14.60		13.84	
GIM	8.42	(57)	8.03	(72)	14.22	(48)	14.17	(59)	13.78	(56
NCREIF Fund Index-ODCE (EW) (Net)	7.25	(93)	7.72	(73)	13.12	(65)	12.37	(88)	12.32	(79
IM U.S. Open End Private Real Estate (SA+CF) Median	8.62		9.03		14.19		14.60		13.84	
rincipal Enhanced Property Fund, LP[CE]	N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-ODCE (EW) (Net)	7.25	(93)	7.72	(73)	13.12	(65)	12.37	(88)	12.32	(79
IM U.S. Open End Private Real Estate (SA+CF) Median	8.62		9.03		14.19		14.60		13.84	

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

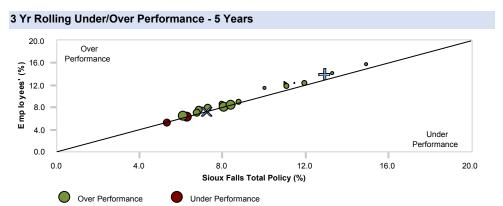


	1 Year Ending Mar-2018	1 Year Ending Mar-2017	1 Year Ending Mar-2016	1 Year Ending Mar-2015	1 Year Ending Mar-2014
Cash	0.95	0.27	N/A	0.89	0.02
90 Day U.S. Treasury Bill	1.11	0.30	0.08	0.03	0.05









3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 0 25.0 50.0 75.0 100.0 12/13 12/14 6/15 12/15 6/16 12/16 6/17 3/18 6/13 6/14

	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	18 (90%)	2 (10%)	0 (0%)	0 (0%)	

Peer Group Scattergram - 3 Years 7.79 7.38 6.97 6.56 \bigcirc 6.15 5.74 6.84 6.08 6.27 6.46 6.65 7.03 7.22 7.41 7.60 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Peer Group S	Scattergran	n - 5 Years	i					
9.72								
9.18 — 8.64 — 8.10 —								
8.64						O		
8.10								
7.56								
7.02								
6.08	6.24	6.40	6.56	6.72	6.88	7.04	7.20	7.36
			Risk (Sta	ndard Deviati	on %)			

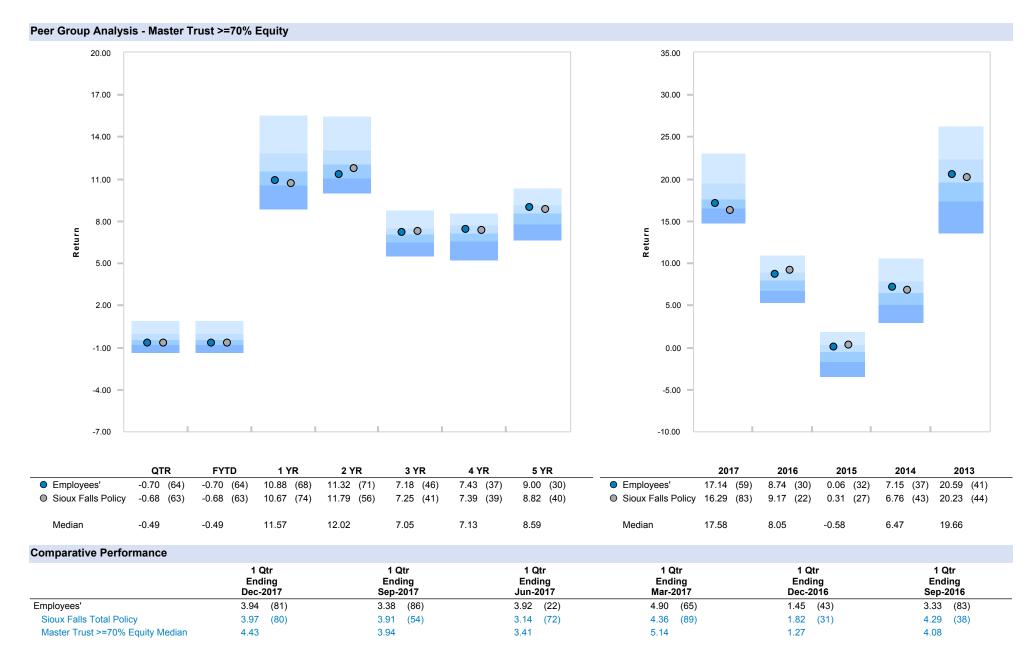
	Return	Standard Deviation			
Employees'	7.18	6.87			
 Sioux Falls Policy 	7.25	7.31			
Median	6.01	6.32			

	Return	Standard Deviation
Employees'	9.00	6.86
 Sioux Falls Policy 	8.82	7.09
Median	7.36	6.24

Historical Statistics - 3 Y	ears							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	1.06	94.78	90.52	0.40	-0.10	0.98	0.93	4.19
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	0.93	1.00	4.48

Historical Statistics - 5	Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	0.95	98.51	93.86	0.52	0.16	1.25	0.96	3.82
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	1.19	1.00	4.00







3 Yr Rolling Under/Over Performance - 5 Years 20.0 Over Performance 9 12.0 0.0 Under Performance 0.0 Sioux Falls Total Policy (%)

3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 75.0 100.0

	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	3 (15%)	17 (85%)	0 (0%)	0 (0%)	

12/15

6/15

12/14

6/16

12/16

6/17

Standard Deviation 6.86 7.09 7.38 3/18

Peer Group Scattergram - 3 Years 7.35 7.28 8 7.21 2 7.14 2 7.07

7.00

Risk (Standard Deviation %)

7.20

Under Performance

Over Performance

6.80

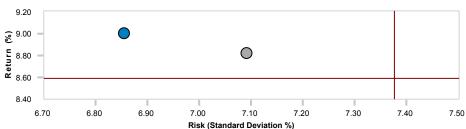
6.60

Peer Group Scattergram - 5 Years

12/13

6/14

6/13



	Return	Standard Deviation		Return	
Employees'	7.18	6.87	Employees'	9.00	
 Sioux Falls Policy 	7.25	7.31	 Sioux Falls Policy 	8.82	
Median	7.05	7.45	Median	8.59	

7.40

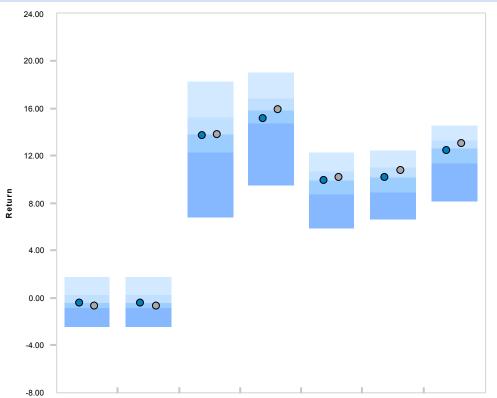
Historical Statistics - 3	rears							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	1.06	94.78	90.52	0.40	-0.10	0.98	0.93	4.19
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	0.93	1.00	4.48

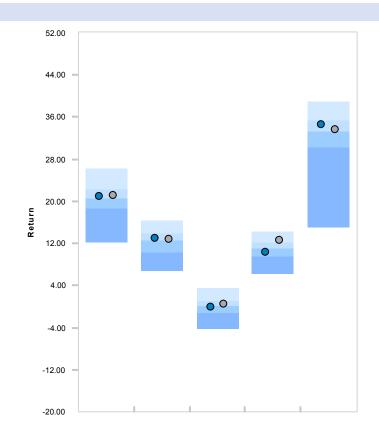
7.60

Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	0.95	98.51	93.86	0.52	0.16	1.25	0.96	3.82
Sioux Falls Total Policy	0.00	100.00	100.00	0.00	N/A	1.19	1.00	4.00



Peer Group Analysis - All Master Trust-US Equity Segment



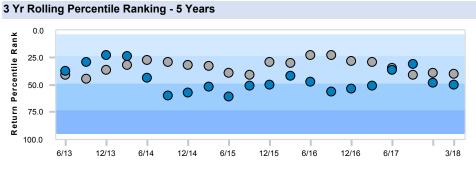


	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
 Total Domestic Equity 	-0.41 (52)	-0.41 (52)	13.76 (52)	15.20 (68)	9.96 (50)	10.18 (51)	12.49 (54)	 Total Domestic Equity 	20.87 (46)	12.94 (43)	-0.12 (56)	10.22 (64)	34.60 (34)
Russell 3000	-0.64 (65)	-0.64 (65)	13.81 (51)	15.92 (46)	10.22 (40)	10.76 (34)	13.03 (36)	O Russell 3000	21.13 (42)	12.74 (46)	0.48 (41)	12.56 (21)	33.55 (47)
Median	-0.40	-0.40	13.85	15.81	9.93	10.20	12.61	Median	20.63	12.57	0.14	11.16	33.25

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Total Domestic Equity	5.67 (68)	3.98 (80)	3.97 (20)	5.82 (42)	4.61 (34)	3.45 (90)
Russell 3000	6.34 (30)	4.57 (45)	3.02 (59)	5.74 (46)	4.21 (44)	4.40 (63)
All Master Trust-US Equity Segment Median	6.02	4.53	3.11	5.68	4.08	4.66



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 30.0 0.0 18.0 24.0 Russell 3000 (%) Over Performance Under Performance Earliest Date X Latest Date



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
 Total Domestic Equity 	20	2 (10%)	10 (50%)	8 (40%)	0 (0%)	
O Russell 3000	20	2 (10%)	18 (90%)	0 (0%)	0 (0%)	

Peer Group Scattergram - 3 Years 10.30 10.20 10.10 10.00 9.90 9.80 9.40 9.60 9.80 10.00 10.20 10.40 Risk (Standard Deviation %)

Pe	er Group S	Scattergram - 5 Y	ears				
rn (%)	13.20 13.00 - 12.80 - 12.60 -					0	
Retu	12.60 12.40 12.20 9.52	9.60	9.68 Pick (S	9.76	9.84	9.92	10.00
			Risk (S	tandard Deviation	%)		

	Return	Standard Deviation
 Total Domestic Equity 	9.96	9.69
Russell 3000	10.22	10.21
Median	9.93	10.19

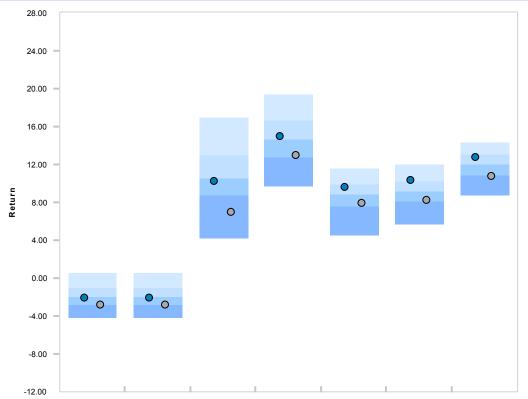
	Return	Standard Deviation
 Total Domestic Equity 	12.49	9.62
Russell 3000	13.03	9.91
Median	12.61	9.95

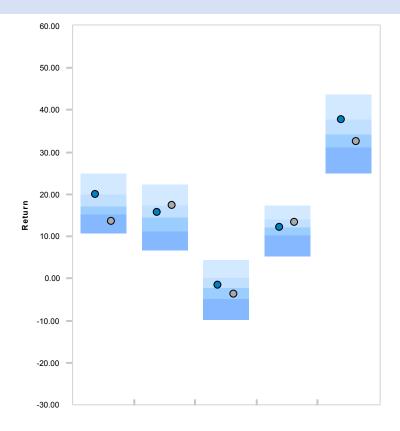
Historical Statistics - 3 Years											
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk			
Total Domestic Equity	1.91	93.19	88.53	0.40	-0.15	0.98	0.93	5.61			
Russell 3000	0.00	100.00	100.00	0.00	N/A	0.96	1.00	5.95			

Historical Statistics - 5 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
Total Domestic Equity	1.62	94.81	92.99	0.03	-0.32	1.24	0.96	5.21	
Russell 3000	0.00	100.00	100.00	0.00	N/A	1.26	1.00	5.34	



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
Oooke & Bieler	-2.15 (57)	-2.15 (57)	10.16 (56)	15.00 (44)	9.58 (33)	10.27 (25)	12.73 (31)	Ocoke & Bieler	20.01 (25)	15.82 (39)	-1.66 (45)	12.04 (53)	37.75 (26)
O Russell 1000 V	-2.83 (77)	-2.83 (77)	6.95 (89)	12.92 (74)	7.88 (70)	8.24 (73)	10.78 (76)	O Russell 1000 V	13.66 (88)	17.34 (25)	-3.83 (69)	13.45 (35)	32.53 (62)
Median	-1.95	-1.95	10.53	14.61	8.88	9.18	11.99	Median	17.22	14.58	-2.25	12.24	34.27

Comparative Performance									
	1 Qtr Ending Dec-2017	Ending Ending		1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016			
Cooke & Bieler	4.66 (84)	2.08 (92)	5.39 (3)	6.59 (7)	6.62 (47)	4.40 (45)			
Russell 1000 Value	5.33 (74)	3.11 (80)	1.34 (72)	3.27 (70)	6.68 (46)	3.48 (61)			
IM U.S. Large Cap Value Equity (SA+CF) Median	6.28	4.10	2.05	3.97	6.48	4.06			



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3 Yr Rolling Under/Over Performance - 5 Years 30.0 Over % 24.0 18.0 8 12.0 6.0 Performance Under Performance 0.0 6.0 12.0 18.0 30.0 0.0 24.0 Russell 1000 Value (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years 25.0 100.0

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Cooke & Bieler	20	4 (20%)	9 (45%)	7 (35%)	0 (0%)	
Russell 1000 V	20	0 (0%)	10 (50%)	10 (50%)	0 (0%)	

12/15

6/16

12/16

6/17

6/15

12/14

6/14

Peer Group Scattergram - 3 Years 10.03 Return (%) 8.26 \bigcirc 7.67 7.08 7.92 8.01 8.10 8.19 8.28 8.37 8.46 8.55 8.64 Risk (Standard Deviation %)

X Latest Date

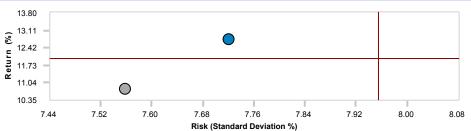
Earliest Date

Historical Statistics - 3 Years

Peer	Group :	Scatter	gram - 8	5 Years

12/13

6/13



	Return	Standard Deviation
Cooke & Bieler	9.58	8.39
Russell 1000 V	7.88	8.03
Median	8.88	8.48

	Return	Standard Deviation
Cooke & Bieler	12.73	7.72
Russell 1000 V	10.78	7.56
Median	11.99	7.95

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk				
Cooke & Bieler	3.04	99.93	83.07	1.64	0.54	0.87	1.00	6.33				
Russell 1000 Value	0.00	100.00	100.00	0.00	N/A	0.75	1.00	6.07				

Historical Statistics -	5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Cooke & Bieler	2.87	101.32	83.65	2.03	0.62	1.21	0.98	5.75
Russell 1000 Value	0.00	100.00	100.00	0.00	N/A	1.05	1.00	5.72



Peer Group Analysis - IM U.S. Large Cap Core Equity (SA+CF) 28.00 52.00 24.00 44.00 20.00 36.00 0 0 16.00 0 0 28.00 0 0 0 0 0 0 12.00 20.00 0 0 Return 0 0 0 0 0 0 8.00 12.00 4.00 4.00 0 0 0.00 -4.00 0 0 0 0 -4.00 -12.00 -8.00 -20.00

	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
 NTGI S&P 500 	-0.76 (65)	-0.76 (65)	13.99 (52)	15.59 (48)	10.84 (31)	11.34 (38)	13.38 (46)	● NTGI S&P 500	21.84 (49)	12.03 (31)	1.50 (47)	13.81 (42)	32.45 (58)
O S&P 500	-0.76 (64)	-0.76 (64)	13.99 (52)	15.57 (49)	10.78 (33)	11.26 (41)	13.31 (52)	O S&P 500	21.83 (50)	11.96 (32)	1.38 (51)	13.69 (44)	32.39 (60)
Median	-0.44	-0.44	14.02	15.53	10.23	10.93	13.32	Median	21.82	10.50	1.39	13.43	32.98

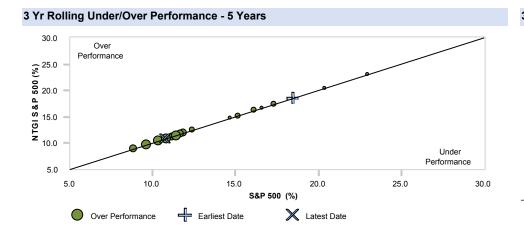
Comparative Performance									
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016			
NTGI S&P 500	6.66 (51)	4.48 (58)	3.07 (45)	6.07 (45)	3.83 (52)	3.86 (54)			
S&P 500	6.64 (52)	4.48 (59)	3.09 (44)	6.07 (45)	3.82 (53)	3.85 (54)			
IM U.S. Large Cap Core Equity (SA+CF) Median	6.68	4.61	2.95	5.95	3.93	3.99			



Count

0 (0%)

0 (0%)



3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 75.0 100.0 12/13 6/14 12/14 6/15 12/15 6/16 12/16 6/17 3/18 6/13 5-25 25-Median Median-75 75-95

Count

11 (55%)

11 (55%)

Count

9 (45%)

9 (45%)

Count

0 (0%)

0 (0%)

Total Period

20

20

NTGI S&P 500

Peer Group Scattergram - 3 Years 11.10 € 10.80 9.90 7.07 7.14 7.21 7.28 7.35 7.42 7.49 7.56 7.63 Risk (Standard Deviation %)

Pee	er Group S	Scattergram	- 5 Years						
	13.41							ı	
(%)	13.38								
Return	13.35 =								
R	13.32		0						
	6.72	6.80	6.88	6.96 Risk (Sta	7.04 ndard Deviati	7.12 on %)	7.20	7.28	7.36

	Return	Standard Deviation
 NTGI S&P 500 	10.84	7.18
○ S&P 500	10.78	7.18
Median	10.23	7.52

	Return	Standard Deviation	
 NTGI S&P 500 	13.38	6.85	_
○ S&P 500	13.31	6.85	
Median	13.32	7.26	

Historical Statistics - 3 Years										
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk		
NTGI S&P 500	0.04	100.15	99.65	0.06	1.30	1.02	1.00	5.67		
S&P 500	0.00	100.00	100.00	0.00	N/A	1.02	1.00	5.68		
Historical Statisti	cs - 5 Years									
			_							

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI S&P 500	0.05	100.14	99.58	0.07	1.40	1.31	1.00	5.17
S&P 500	0.00	100.00	100.00	0.00	N/A	1.30	1.00	5.18



Peer Group Analysis - IM U.S. Large Cap Growth Equity (SA+CF) 40.00 60.00 35.00 52.00 30.00 44.00 00 25.00 36.00 0 0 20.00 28.00 0 0 Return Return 0 15.00 20.00 0 0 0 0 • • 10.00 0 12.00 0 0 0 5.00 4.00 0 0.00 -4.00 -5.00 -12.00 -10.00 -20.00

013
4 (45)
8 (59)
2
8 (5

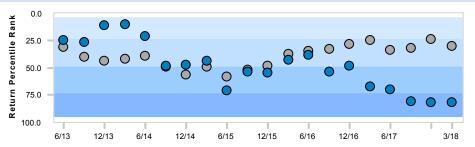
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Sawgrass	7.35 (34)	4.00 (79)	3.23 (85)	6.72 (82)	1.51 (32)	0.30 (100)
Russell 1000 Growth	7.86 (22)	5.90 (34)	4.67 (56)	8.91 (47)	1.01 (39)	4.58 (61)
IM U.S. Large Cap Growth Equity (SA+CF) Median	6.92	5.42	4.99	8.73	0.24	5.16



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

X Latest Date

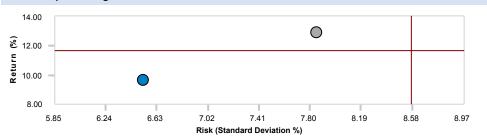
3 Yr Rolling Percentile Ranking - 5 Years



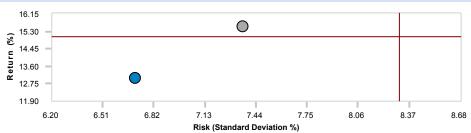
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Sawgrass	20	4 (20%)	7 (35%)	6 (30%)	3 (15%)	
Russell 1000 G	20	2 (10%)	15 (75%)	3 (15%)	0 (0%)	

Peer Group Scattergram - 3 Years

Earliest Date



Peer G	roup Scatte	rgram - 5	Years
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Return	Deviation
9.61	6.53
12.90	7.85
11.66	8.57
	9.61 12.90

	Return	Standard Deviation
Sawgrass	13.01	6.71
Russell 1000 G	15.53	7.36
Median	15.03	8.31

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Sawgrass	3.79	77.99	81.79	-0.43	-0.83	1.01	0.79	4.94
Russell 1000 Growth	0.00	100.00	100.00	0.00	N/A	1.13	1.00	5.79

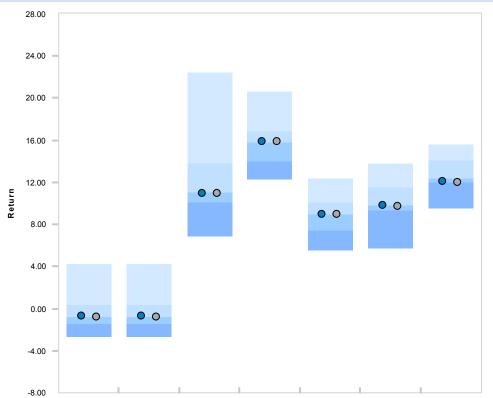
Standard

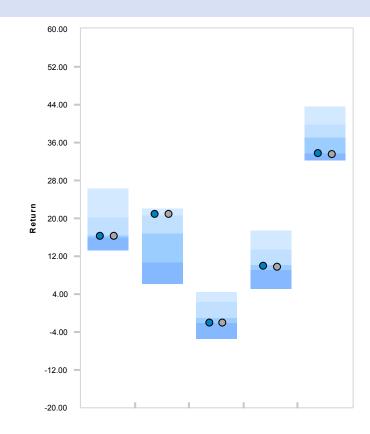
Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Sawgrass	3.41	83.52	82.03	0.30	-0.69	1.37	0.82	4.40
Russell 1000 Growth	0.00	100.00	100.00	0.00	N/A	1.42	1.00	5.01



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





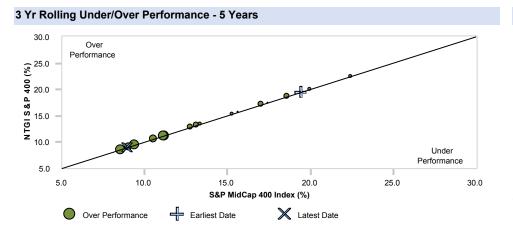
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		201	7 :	2016	2015	201	4 20	013
 NTGI S&P 400 	-0.75 (46)	-0.75 (46)	10.96 (60)	15.84 (47)	9.00 (41)	9.81 (48)	12.05 (63)	 NTGI S&P 400 	16.21	(73) 20.7	9 (20)	-2.08 (67)	9.83	(56) 33.76	(75)
O S&P MidCap 400 Index	-0.77 (54)	-0.77 (54)	10.97 (58)	15.84 (47)	8.96 (50)	9.76 (61)	11.97 (72)	O S&P MidCap 400 Index	16.24	(68) 20.7	'4 (23)	-2.18 (75)	9.77	(66) 33.50	(85)
Median	-0.76	-0.76	11.04	15.82	8.96	9.78	12.39	Median	16.49	16.8	80	-0.98	10.17	37.10)

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
NTGI S&P 400	6.27 (48)	3.24 (56)	1.90 (67)	3.95 (70)	7.39 (44)	4.17 (58)
S&P MidCap 400 Index	6.25 (59)	3.22 (65)	1.97 (57)	3.94 (75)	7.42 (35)	4.14 (62)
IM U.S. Mid Cap Core Equity (SA+CF) Median	6.27	3.47	1.98	4.70	6.82	4.52



0 (0%)

4 (20%)



3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 50.0 75.0 0 100.0 12/13 6/14 12/14 6/15 12/15 6/16 12/16 6/17 3/18 6/13 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count

0 (0%)

0 (0%)

7 (35%)

5 (25%)

13 (65%)

11 (55%)

Peer Group Scattergra	am - 3 Years		
9.02			
§ 9.00 –			
8.96 –			
2 8.96		<u> </u>	
8.94		I	
11.04	11.05	11.06	11.07
	Risk (Standard	Deviation %)	

Pee	r Group Sca	ittergram - 5 Years	
	12.60		
(%)	12.40		
_	12.20 —		
R	12.00 -	0	•
	11.80		
	10.98	10.99	11.00
		Risk (Standard Deviat	tion %)

	Return	Standard Deviation
 NTGI S&P 400 	9.00	11.06
S&P MidCap 400 Index	8.96	11.06
Median	8.96	11.05

	Return	Standard Deviation	
 NTGI S&P 400 	12.05	11.00	
S&P MidCap 400 Index	11.97	10.99	
Median	12.39	10.99	

Historical Statistics - 3 Y	ears/							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI S&P 400	0.05	100.13	99.89	0.03	0.72	0.79	1.00	6.45
S&P MidCap 400 Index	0.00	100.00	100.00	0.00	N/A	0.79	1.00	6.46

NTGI S&P 400

O S&P MidCap 400 Index

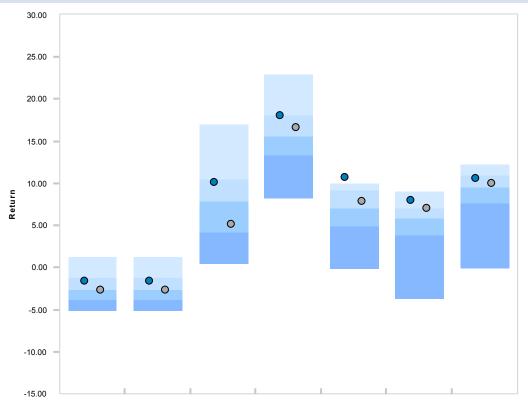
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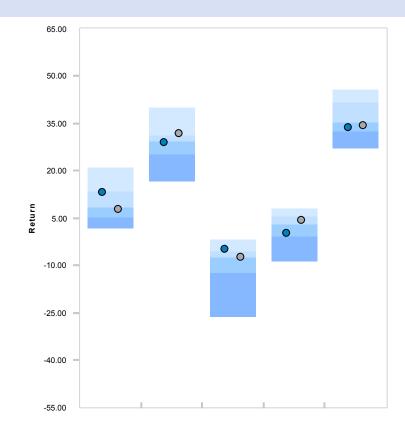
20

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	99.73	0.07	1.32	1.07	1.00	6.15
S&P MidCap 400 Index	0.00	100.00	100.00	0.00	N/A	1.06	1.00	6.16



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
T Rowe Price	-1.61 (35)	-1.61 (35)	10.07 (29)	18.07 (26)	10.66 (3)	7.98 (17)	10.57 (37)	T Rowe Price	13.34 (26)	28.97 (53)	-4.70 (17)	0.14 (70)	33.85 (61)
O Russell 2000 V	-2.64 (48)	-2.64 (48)	5.13 (67)	16.62 (45)	7.87 (42)	6.99 (28)	9.96 (48)	O Russell 2000 V	7.84 (55)	31.74 (21)	-7.47 (53)	4.22 (37)	34.52 (54)
Median	-2.71	-2.71	7.86	15.51	7.04	5.88	9.48	Median	8.46	29.23	-7.33	3.12	35.18

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
T Rowe Price	3.29 (44)	5.90 (44)	2.27 (26)	1.31 (18)	12.71 (52)	6.45 (77)
Russell 2000 Value	2.05 (74)	5.11 (64)	0.67 (54)	-0.13 (34)	14.07 (29)	8.87 (48)
IM U.S. Small Cap Value Equity (MF) Median	3.02	5.61	0.84	-0.92	12.98	8.63



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 24.0 0.0 18.0 Russell 2000 Value (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 0 0 75.0 100.0 12/13 12/14 6/15 12/15 6/16 12/16 6/17 3/18 6/13 6/14

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
T Rowe Price	20	8 (40%)	7 (35%)	5 (25%)	0 (0%)
Russell 2000 V	20	1 (5%)	14 (70%)	5 (25%)	0 (0%)

Peer Group Scattergram - 3 Years 12.00 8 10.00 8 8.00 11.50 12.00 12.50 13.00 13.50 14.00 14.50 15.00 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Pe	er Group Scat	tergram - 5 Y	'ears				
	10.80						
ıın (%)	10.44 — 10.08 — 9.72 —				0		
tetu	9.72						
	9.36						
	9.00						
	11.76	12.32	12.88	13.44	14.00	14.56	15.12
			Risk (S	tandard Deviation	%)		

	Return	Standard Deviation
T Rowe Price	10.66	12.18
Russell 2000 V	7.87	13.90
Median	7.04	14.35

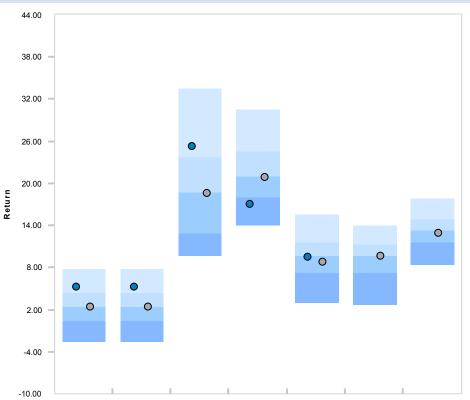
	Return	Standard Deviation
T Rowe Price	10.57	12.29
Russell 2000 V	9.96	13.77
Median	9.48	14.73

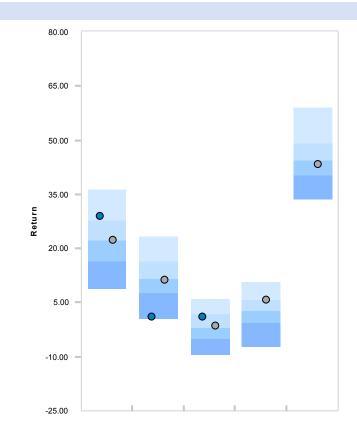
Historical Statistics -	3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
T Rowe Price	2.93	96.35	77.06	3.60	0.81	0.86	0.86	6.41
Russell 2000 Value	0.00	100.00	100.00	0.00	N/A	0.58	1.00	7.63

Historical Statistics -	5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
T Rowe Price	2.70	93.13	85.37	1.65	0.14	0.86	0.88	6.98
Russell 2000 Value	0.00	100.00	100.00	0.00	N/A	0.74	1.00	7.95



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	17	2016	3	2015	20	14 :	2013
Summit Creek	5.18 (18)	5.18 (18)	25.19 (20)	16.97 (85)	9.47 (52)	N/A	N/A		Summit Creek	28.96	(17)	0.86	(95) 0	.95 (30) N/A	N/	Ά
 Russell 2000 Growth Index 	2.30 (52)	2.30 (52)	18.63 (51)	20.81 (54)	8.77 (61)	9.58 (52)	12.90 (58)	(Russell 2000 Growth Index	22.17	(52) 1	1.32	(54) -1	.38 (46	5.60	(25) 43.3	30 (58)
Median	2.40	2.40	18.76	21.05	9.61	9.62	13.31		Median	22.23	1	1.46	-2	.02	2.57	44.4	17

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Summit Creek	3.64 (65)	6.17 (48)	8.18 (11)	8.35 (12)	-2.11 (94)	4.64 (94)
Russell 2000 Growth Index	4.59 (52)	6.22 (47)	4.39 (60)	5.35 (51)	3.57 (44)	9.22 (40)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	4.63	6.01	5.00	5.42	3.19	8.45



0 (0%)

0 (0%)

3 Yr Rolling Under/Over Performance - 5 Years Over Performance 9.0 Under Performance 9.0 Russell 2000 Growth Index (%)

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 75.0 100.0 6/15 12/15 6/13 12/13 6/14 12/14 6/16 12/16 6/17 3/18 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count

2

20

Peer Group Scattergram - 3 Years 9.80 9.52 9.24 8.96 8.68 8.40 10.98 11.59 12.20 12.81 13.42 14.03 14.64 15.25 Risk (Standard Deviation %)

Pee	er Grou	p Scattergram -	5 Years					
	13.40							
	13.20 -							
Return	13.00 -							
	12.80							
		14.12	14.16	14.20	14.24	14.28	14.32	14.36
				Risk (Standard I	Deviation %)			

0 (0%)

0 (0%)

0 (0%)

16 (80%)

2 (100%)

4 (20%)

	Return	Standard Deviation
Summit Creek	9.47	11.52
 Russell 2000 Growth Index 	8.77	14.27
Median	9.61	13.91

	Return	Standard Deviation
Summit Creek	N/A	N/A
 Russell 2000 Growth Index 	12.90	14.31
Median	13.31	14.14

Tracking Up Down Tracking Market Market Error Capture Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
					Nisk
Summit Creek 6.51 81.54 67.53	2.97	0.05	0.81	0.72	7.96
Russell 2000 Growth Index 0.00 100.00 100.00	0.00	N/A	0.63	1.00	9.91

Summit Creek

O Russell 2000 Growth Index

riistoricai Statistics - 5 Tea	15							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Summit Creek	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Growth Index	0.00	100.00	100.00	0.00	N/A	0.90	1.00	9.00



Peer Group Analysis - All Master Trust-Intl. Equity Segment 35.00 44.00 30.00 36.00 25.00 28.00 00 20.00 20.00 00 00 0 15.00 Return Return 12.00 10.00 0 4.00 00 0 0 0 5.00 00 -4.00 0.00 00 -12.00 -5.00 -10.00 -20.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR 2017 2016 2015 2014 2013 -0.85 (67) -0.85 (67) Total International Equity 15.76 (72) 14.43 (67) 5.83 (82) 4.08 (89) 6.22 (85) ● Total International Equity 26.50 (68) 2.78 (71) -3.36 (56) -5.66 (95) 16.93 (60) ■ MSCI AC Wd exUSA-Net -1.18 (77) ■ MSCI AC Wd exUSA-Net 27.19 (62) 4.50 (48) -5.66 (82) -3.87 (79) 15.29 (74) -1.18 (77) 16.53 (63) 14.82 (60) 4.34 (85) 5.89 (93) 6.18 (77) Median -0.41 -0.41 17.64 15.37 7.29 5.57 7.33 Median 28.11 4.23 -3.03 -2.62 18.14 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending **Ending Ending** Ending Ending Dec-2017 Sep-2017 Jun-2017 Mar-2017 Dec-2016 Sep-2016 -0.88 (24) Total International Equity 4.07 (79) 5.04 (85) 6.80 (29) 8.35 (50) 7.11 (33) MSCI AC World ex USA (Net) 5.00 (42)6.16 (44)5.78 (69)7.86 (68)-1.25 (34) 6.91 (44)

6.20

8.35

-1.85

6.01

4.81



6.78

All Master Trust-Intl. Equity Segment Median

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

3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 6/13 12/13 6/14 12/14 6/15 12/15 6/16 12/16 6/17 3/18

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
 Total International Equity 	20	0 (0%)	5 (25%)	5 (25%)	10 (50%)
 MSCI AC Wd exUSA-Net 	20	0 (0%)	0 (0%)	0 (0%)	20 (100%)

7.68 7.20 6.72 6.72 5.76 11.60 11.80 12.00 12.20 12.40 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Peer Group Sca	attergram - 5	Years				
7.68						
₹ 7.20						
7.20 = 6.72 = 6.24 = 82 5.76						
6.24						
5.76					0	
5.28	1	-	1	-	1	
11.36	11.44	11.52	11.60	11.68	11.76	11.84
		Risk (S	tandard Deviation	%)		

	Return	Standard Deviation
Total International Equity	5.83	11.97
MSCI AC Wd exUSA-Net	6.18	12.29
Median	7.29	11.82

100.00

0.00

	Return	Standard Deviation		
 Total International Equity 	6.22	11.53		
 MSCI AC Wd exUSA-Net 	5.89	11.78		
Median	7.33	11.44		
MSCI AC Wd exUSA-Net	5.89	11.78		

0.52

1.00

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total International Equity	1.94	95.56	96.08	-0.12	-0.19	0.49	0.96	7.64
MSCI AC World ex USA (Net)	0.00	100.00	100.00	0.00	N/A	0.51	1.00	7.82
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total International Equity	2.23	97.59	94.30	0.54	0.13	0.56	0.96	7.20

100.00

0.00

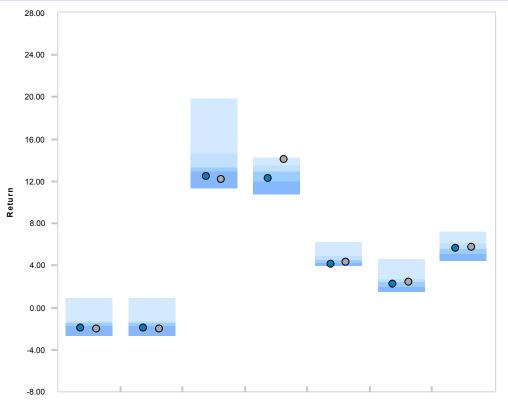
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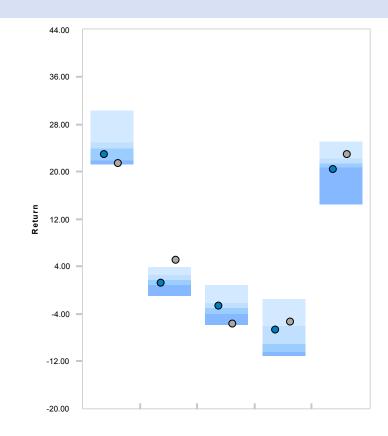


7.37

MSCI AC World ex USA (Net)

Peer Group Analysis - IM International Large Cap Value Equity (MF) 28.00





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
Templeton	-1.91 (77)	-1.91 (77)	12.43 (86)	12.27 (72)	4.13 (81)	2.21 (61)	5.68 (47)	Templeton	22.92 (61)	1.30 (62)	-2.67 (39)	-6.78 (36)	20.47 (82)
MSCI EAFE V (Net)	-2.03 (77)	-2.03 (77)	12.19 (89)	14.07 (8)	4.29 (64)	2.45 (43)	5.78 (46)	MSCI EAFE V (Net)	21.44 (83)	5.02 (3)	-5.68 (89)	-5.39 (15)	22.95 (16)
Median	-1.49	-1.49	13.34	12.96	4.49	2.39	5.56	Median	23.93	1.68	-2.97	-9.08	21.36

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Templeton	3.64 (50)	4.73 (98)	5.60 (38)	7.24 (37)	0.95 (45)	7.27 (3)
MSCI EAFE Value (Net)	3.24 (73)	5.87 (68)	4.78 (67)	6.05 (77)	4.17 (3)	7.99 (1)
IM International Large Cap Value Equity (MF) Median	3.63	6.03	5.13	6.97	0.90	6.26



3 Yr Rolling Under/Over Performance - 5 Years 18.0 Over Performance 12.0 (%) 6.0 6.0 0.0 Under Performance -6.0 0.0 6.0 12.0 18.0 -6.0 MSCI EAFE Value (Net) (%) Over Performance Under Performance Earliest Date X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 0 75.0 100.0 6/13 12/13 6/14 12/14 6/15 12/15 6/16 12/16 6/17 3/18

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Templeton	20	5 (25%)	14 (70%)	0 (0%)	1 (5%)	
MSCI EAFE V (Net)	20	4 (20%)	9 (45%)	7 (35%)	0 (0%)	

Peer Group Scattergram - 3 Years 4.60 4.40 4.00 11.34 11.61 11.88 12.15 12.42 12.69 12.96 13.23 Risk (Standard Deviation %)

Peer Group S	cattergram -	5 Years					
8 5.76 = 5.88 = 5.86 =					0		
5.52							
5.44	11.80	12.00	12.20	12.40	12.60	12.80	13.00
	11.00		Risk (Standard I		12.00	12.00	13.00

	Return	Standard Deviation
Templeton	4.13	12.21
MSCI EAFE V (Net)	4.29	12.93
Median	4.49	11.70

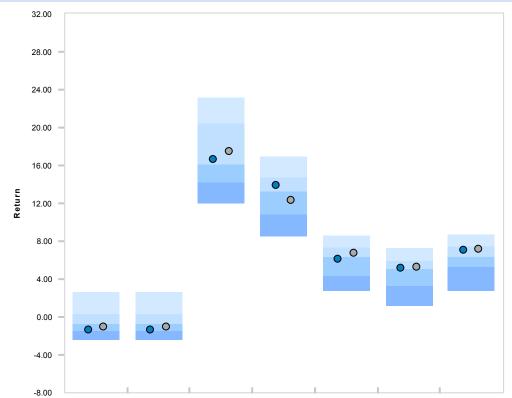
	Return	Standard Deviation		
Templeton	5.68	11.79		
MSCI EAFE V (Net)	5.78	12.66		
Median	5.56	11.81		

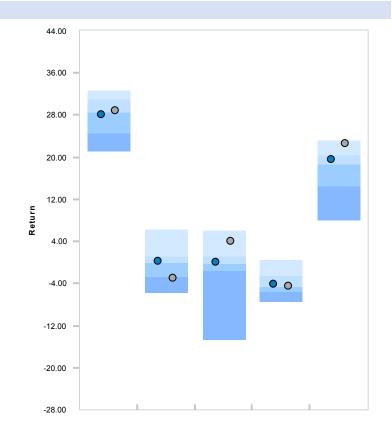
Historical Statistics - 3 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
Templeton	3.13	93.18	92.61	0.17	-0.08	0.35	0.92	8.13	
MSCI EAFE Value (Net)	0.00	100.00	100.00	0.00	N/A	0.35	1.00	8.98	

Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Templeton	3.51	90.69	87.99	0.47	-0.06	0.50	0.89	7.40
MSCI EAFE Value (Net)	0.00	100.00	100.00	0.00	N/A	0.48	1.00	8.00



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

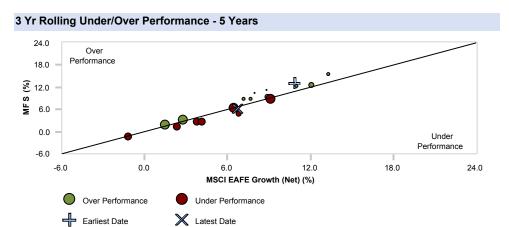




	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
MFS	-1.37 (70)	-1.37 (70)	16.68 (46)	13.87 (37)	6.07 (54)	5.21 (47)	7.01 (34)	MFS	28.05 (54)	0.27 (42)	0.02 (43)	-4.21 (38)	19.47 (37)
MSCI EAFE G(Net)	-1.04 (59)	-1.04 (59)	17.51 (43)	12.36 (56)	6.73 (42)	5.28 (46)	7.14 (32)	MSCI EAFE G(Net)	28.86 (48)	-3.04 (79)	4.09 (8)	-4.43 (43)	22.55 (10)
Median	-0.70	-0.70	16.10	13.31	6.33	5.04	6.36	Median	28.48	-0.15	-0.39	-4.75	18.69

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
MFS	4.00 (54)	4.38 (68)	8.98 (14)	8.24 (47)	-2.06 (14)	6.15 (46)
MSCI EAFE Growth (Net)	5.24 (9)	4.94 (52)	7.52 (37)	8.52 (43)	-5.53 (81)	4.96 (65)
IM International Large Cap Growth Equity (MF) Median	4.07	4.99	6.99	8.09	-4.17	6.01





3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 0 50.0 75.0 100.0 12/13 6/14 12/14 6/15 12/15 6/16 12/16 6/17 3/18 6/13

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
MFS	20	10 (50%)	8 (40%)	2 (10%)	0 (0%)
 MSCI EAFE G(Net) 	20	9 (45%)	11 (55%)	0 (0%)	0 (0%)



Pe	er Group So	attergram -	5 Years					
	7.28		1				_	
-	7.02					(0	
%	7.02 – 6.76 – 6.50 –							
etur	6.50 -							
2	6.24							
	5.98	1		1	1	1	1	
	11.10	11.16	11.22	11.28	11.34	11.40	11.46	11.52
			1	Risk (Standard I	Deviation %)			

	Return	Standard Deviation
MFS	6.07	11.45
MSCI EAFE G(Net)	6.73	11.89
Median	6.33	11.35

	Return	Standard Deviation
MFS	7.01	11.23
MSCI EAFE G(Net)	7.14	11.43
Median	6.36	11.20

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	2.92	92.45	93.37	-0.19	-0.23	0.53	0.93	7.47
MSCI EAFE Growth (Net)	0.00	100.00	100.00	0.00	N/A	0.57	1.00	7.62

Historical Statistics - 5 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
MFS	2.83	96.17	95.07	0.22	-0.05	0.63	0.95	6.97	
MSCI EAFE Growth (Net)	0.00	100.00	100.00	0.00	N/A	0.64	1.00	6.97	



Peer Group Analysis - IM Emerging Markets Equity (MF) 44.00 65.00 38.00 50.00 32.00 0 35.00 26.00 0 0 20.00 20.00 Return 0 14.00 5.00 0 0 0 0 8.00 00 -10.00 0 00 2.00 -25.00 -4.00 -10.00 -40.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR 2017 2016 2015 2014 2013 3.07 (24) 9.87 (32) Vanguard EM 3.07 (24) 21.68 (63)22.29 (31) 6.08 (56) N/A 32.00 (67) 16.86 (10) 15.26 (61) -6.62 (84) N/A MSCI Emerging Mk-Net ● MSCI Emerging Mk-Net 37.28 (42) 11.19 (30) 14.92 (58) -2.19 (43) -2.60 (58) 1.42 (61) 1.42 (61) 24.93 (42) 21.01 (44) 8.81 (47) 6.65 (40) 4.99 (45) Median 1.96 1.96 23.87 20.36 8.55 6.30 4.74 Median 35.33 8.29 14.05 -2.92 -1.42 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending** Ending Ending Ending Ending Ending Dec-2017 Sep-2017 Jun-2017 Mar-2017 Dec-2016 Sep-2016 Vanguard EM 5.32 (73) 7.64 (53) 4.13 (79) 11.81 (51) -2.22 (13) 9.58 (18)

6.27

5.92

(40)

11.44 (55)

11.81

-4.16 (34)

-5.17



9.03

7.84

(27)

MSCI Emerging Markets (Net) Index

IM Emerging Markets Equity (MF) Median

7.44

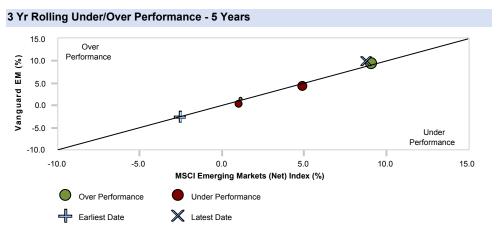
6.35

(22)

7.89

7.78

(48)



3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 00000000000 75.0 100.0 6/15 6/17 3/18 6/13 12/13 6/14 12/14 12/15 6/16 12/16

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Vanguard EM	6	0 (0%)	4 (67%)	2 (33%)	0 (0%)
 MSCI Emerging Mk-Net 	20	0 (0%)	9 (45%)	11 (55%)	0 (0%)

Peer Group Scattergram - 3 Years 10.35 9.90 9.45 9.00 8.55 8.10 14.57 14.88 15.19 15.50 15.81 16.12 16.43 16.74 Risk (Standard Deviation %)

8.10							
14.57	14.88	15.19	15.50	15.81	16.12	16.43	16.74
			Risk (Standard I	Deviation %)			
			Return			Standard Deviation	
Vanguard E	М		9.87			16.26	
MSCI Emer	ging Mk-Net	et 8.81			16.23		
Median		8.55			14.88		



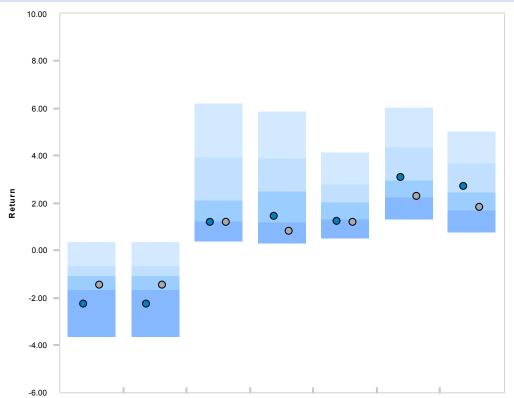
	Return	Deviation Standard
Vanguard EM	N/A	N/A
 MSCI Emerging Mk-Net 	4.99	14.85
Median	4.74	14.19

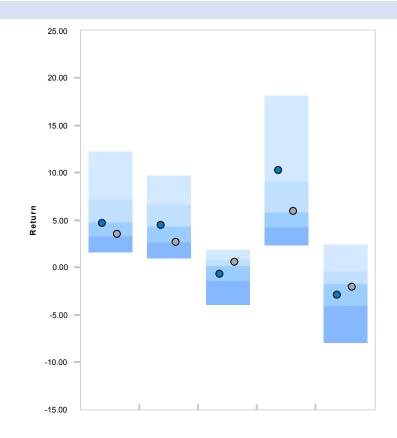
Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard EM	2.55	99.80	94.23	1.08	0.38	0.63	0.99	9.48
MSCI Emerging Markets (Net) Index	0.00	100.00	100.00	0.00	N/A	0.57	1.00	9.73

Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard EM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI Emerging Markets (Net) Index	0.00	100.00	100.00	0.00	N/A	0.38	1.00	9.59



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
 Total Domestic Fx 	-2.25 (80)	-2.25 (80)	1.21 (78)	1.47 (70)	1.23 (81)	3.10 (47)	2.70 (46)	 Total Domestic Fx 	4.66 (51)	4.49 (49)	-0.66 (66)	10.30 (24)	-2.94 (68)
Barclays Agg	-1.46 (71)	-1.46 (71)	1.20 (79)	0.82 (85)	1.20 (82)	2.31 (73)	1.82 (69)	O Barclays Agg	3.54 (69)	2.65 (77)	0.55 (35)	5.97 (48)	-2.02 (57)
Median	-1.08	-1.08	2.11	2.51	2.06	2.96	2.47	Median	4.78	4.33	0.15	5.87	-1.74

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Total Domestic Fx	0.66 (46)	0.91 (64)	1.94 (35)	1.08 (64)	-3.52 (73)	0.91 (59)
Barclays Aggregate	0.39 (66)	0.85 (70)	1.45 (59)	0.82 (81)	-2.98 (64)	0.46 (76)
All Master Trust-US Fixed Income Segment Median	0.60	1.12	1.58	1.33	-2.43	1.09



3 Yr Rolling Under/Over Performance - 5 Years 10.0 Over Performance Total Domestic Fx (%) 7.5 2.5 Under Performance 0.0 5.0 2.5 7.5 10.0 0.0 Barclays Aggregate (%) X Latest Date Over Performance Earliest Date

3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 12/13 6/15 12/15 6/16 6/17 3/18 6/13 6/14 12/14 12/16

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
 Total Domestic Fx 	20	8 (40%)	10 (50%)	1 (5%)	1 (5%)	
 Barclays Agg 	20	0 (0%)	0 (0%)	11 (55%)	9 (45%)	

Peer Group Scattergram - 3 Years 2.24 1.96 1.68 1.40 0.84 2.55 2.72 2.89 3.06 3.23 3.40 3.57 3.74 Risk (Standard Deviation %)

Peer Group S	cattergrar	n - 5 Years	3					
3.00 2.70								
2.70 = 2.40 = 2.10 =								
1.00		0						
1.50								
2.40	2.70	3.00	3.30	3.60	3.90	4.20	4.50	4.80
			Risk (Sta	ndard Deviation	on %)			

	Return	Deviation Standard
Total Domestic Fx	1.23	3.56
 Barclays Agg 	1.20	2.65
Median	2.06	2.73

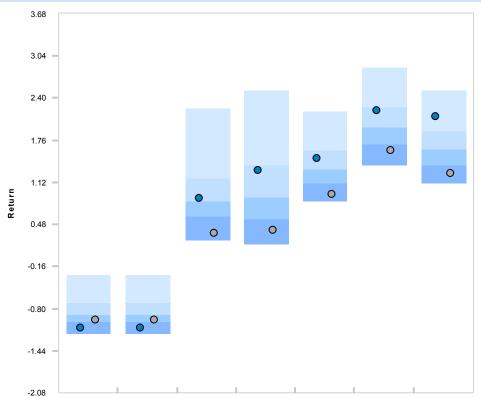
	Return	Standard Deviation
 Total Domestic Fx 	2.70	4.43
Barclays Agg	1.82	2.91
Median	2.47	3.19

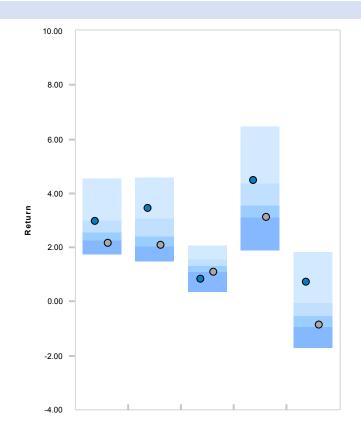
Historical Statistics -	3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Fx	1.35	131.81	143.58	-0.28	0.04	0.22	1.27	2.50
Barclays Aggregate	0.00	100.00	100.00	0.00	N/A	0.28	1.00	1.85

Historical Statistics -	5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Fx	1.86	148.29	147.68	0.06	0.49	0.55	1.46	2.95
Barclays Aggregate	0.00	100.00	100.00	0.00	N/A	0.53	1.00	1.90



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
 Schroder Interm Duration 	-1.09 (87)	-1.09 (87)	0.87 (48)	1.31 (29)	1.48 (31)	2.21 (28)	2.12 (16)	 Schroder Interm Duration 	2.97 (26)	3.44 (18)	0.81 (87)	4.47 (22)	0.73 (10)
Barclays Interm G/C	-0.98 (70)	-0.98 (70)	0.35 (94)	0.39 (89)	0.94 (89)	1.60 (85)	1.25 (88)	Barclays Interm G/C	2.14 (84)	2.08 (73)	1.07 (76)	3.13 (76)	-0.86 (70)
Median	-0.90	-0.90	0.83	0.89	1.32	1.95	1.62	Median	2.57	2.40	1.30	3.57	-0.53

	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Schroder Interm Duration	0.00 (58)	0.79 (33)	1.19 (18)	0.97 (19)	-1.90 (58)	0.63 (23)
Barclays Intermediate U.S. Gov/Credit	-0.20 (95)	0.60 (83)	0.94 (70)	0.78 (58)	-2.07 (82)	0.16 (77)
IM U.S. Intermediate Duration (SA+CF) Median	0.02	0.72	1.02	0.81	-1.83	0.38



3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 00000 100.0 12/13 6/15 12/15 6/16 12/16 6/17 3/18 6/13 12/14 5-25 25-Median Median-75 75-95

	Barclays Intermediate	U.S. Gov/Credit (%)	 		lotal Period	Count	Count	Count	Count
Over Performance	Earliest Date	X Latest Date	-	Schroder Interm DurationBarclays Interm G/C	19 20	16 (84%) 0 (0%)	3 (16%) 0 (0%)	0 (0%) 0 (0%)	0 (0%) 20 (100%)

Peer Group Scattergram - 3 Years 1.60 € 1.40 1.20 1.00 0 0.80 1.80 1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 Risk (Standard Deviation %)

Peer Group S	cattergran	n - 5 Year	s					
2.32 2.03 – 2.1.74 –								
2.03 = 1.74 = 1.45 = 1.16 =			0					
0.87	2.04	2.10	2.16	2.22	2.28	2.34	2.40	2.46
			Risk (Sta	ndard Deviation	on %)			

	Return	Standard Deviation	
 Schroder Interm Duration 	1.48	2.11	
Barclays Interm G/C	0.94	1.96	
Median	1.32	1.88	

0.00

100.00

	Return	Standard Deviation
 Schroder Interm Duration 	2.12	2.38
 Barclays Interm G/C 	1.25	2.15
Median	1.62	2.09

0.44

1.00

N/A

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	113.02	93.30	0.55	0.64	0.47	0.99	1.31
Barclays Intermediate U.S. Gov/Credit	0.00	100.00	100.00	0.00	N/A	0.24	1.00	1.31
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Schroder Interm Duration	0.79	119.10	92.85	0.80	1.10	0.76	1.05	1.45

0.00

100.00



1.37

Barclays Intermediate U.S. Gov/Credit

Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 5.30 10.00 4.49 8.00 3.68 0 0 6.00 2.87 0 0 0 0 4.00 2.06 0 0 0 0 Return 0 0 Return 0 0 2.00 1.25 • • 0.44 0 0 0.00 -0.37 -2.00 0 0 -1.18 0 0 -4.00 -1.99 -2.80 -6.00 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 2015 2014 5 YR 2017 2016 2013 1.42 (62) 1.26 (80) 2.41 (71) 6.10 (56) NTGI G/C -1.56 (89) NTGI G/C -1.56 (89) 1.00 (69) 1.89 (77) 4.05 (50) 3.04 (53) 0.16 (88) -2.29 (91) Barclays G/C -1.58 (91) 1.38 (67) 2.36 (75) 1.84 (82) Barclays G/C 4.00 (54) 6.01 (63) -2.35 (92) -1.58 (91) 0.96 (70) 1.22 (82) 3.05 (53) 0.15 (90) Median -1.37 -1.37 1.65 1.36 1.56 2.64 2.15 Median 4.05 3.10 0.82 6.16 -1.56

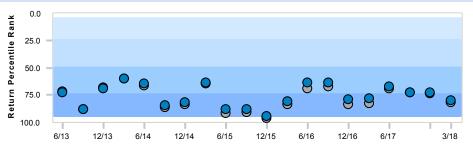
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
NTGI G/C	0.50 (54)	0.81 (85)	1.69 (25)	1.00 (43)	-3.41 (99)	0.42 (83)
Blmbg. Barc. U.S. Gov't/Credit	0.49 (57)	0.81 (85)	1.69 (25)	0.96 (48)	-3.39 (99)	0.40 (84)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	0.52	0.92	1.54	0.93	-2.80	0.69



Comparative Performance

3 Yr Rolling Under/Over Performance - 5 Years 6.0 Over Performance (%) 4.5 **O/D** 3.0 1.5 Under Performance 0.0 3.0 6.0 0.0 1.5 4.5 Blmbg. Barc. U.S. Gov't/Credit (%) Over Performance Under Performance

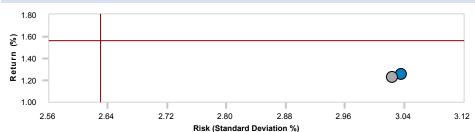
3 Yr Rolling Percentile Ranking - 5 Years



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

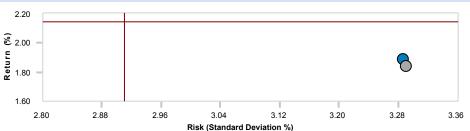
Peer Group Scattergram - 3 Years

Earliest Date



X Latest Date

Peer	Group	Scattergram	- 5	Years



	Return	Standard Deviation
NTGI G/C	1.26	3.04
Barclays G/C	1.22	3.02
Median	1.56	2.63

	Return	Standard Deviation
NTGI G/C	1.89	3.29
 Barclays G/C 	1.84	3.29
Median	2.15	2.91

Historical Statistics - 3 Years

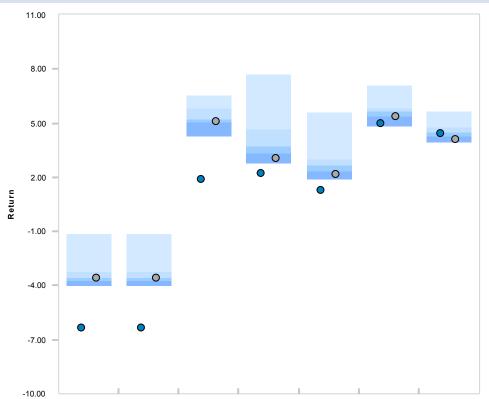
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI G/C	80.0	100.94	100.35	0.03	0.39	0.26	1.00	2.09
Blmbg. Barc. U.S. Gov't/Credit	0.00	100.00	100.00	0.00	N/A	0.25	1.00	2.09

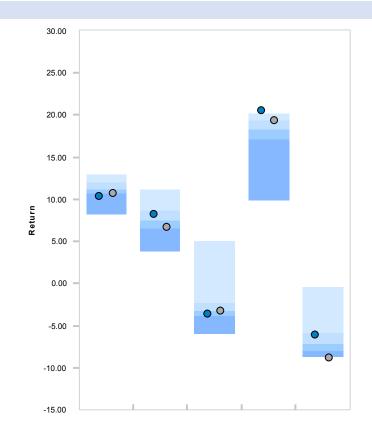
Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI G/C	0.09	100.65	99.62	0.05	0.52	0.49	1.00	2.15
Blmbg. Barc. U.S. Gov't/Credit	0.00	100.00	100.00	0.00	N/A	0.47	1.00	2.16



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



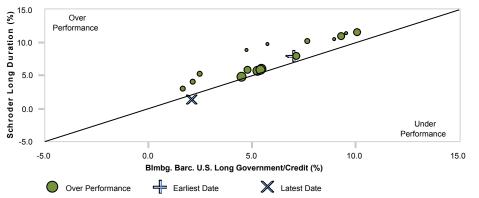


	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
 Schroder Long Duration 	-6.33 (100)	-6.33 (100)	1.85 (100)	2.21 (98)	1.29 (99)	4.97 (93)	4.40 (67)	 Schroder Long Duration 	10.38 (82)	8.17 (34)	-3.59 (61)	20.56 (2)	-6.07 (26)
Barclays Long G/C	-3.58 (50)	-3.58 (50)	5.09 (67)	3.01 (93)	2.13 (89)	5.37 (75)	4.09 (89)	Barclays Long G/C	10.71 (74)	6.67 (71)	-3.30 (49)	19.31 (31)	-8.83 (98)
Median	-3.58	-3.58	5.22	3.69	2.66	5.62	4.49	Median	11.23	7.44	-3.33	18.31	-7.16

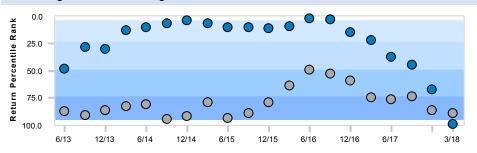
Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Schroder Long Duration	2.70 (74)	1.37 (87)	4.45 (57)	1.51 (92)	-7.68 (77)	2.10 (25)
Blmbg. Barc. U.S. Long Government/Credit	2.84 (56)	1.53 (70)	4.39 (66)	1.58 (86)	-7.84 (89)	1.24 (87)
IM U.S. Long Duration (SA+CF) Median	2.88	1.63	4.46	1.84	-7.20	1.72



3 Yr Rolling Under/Over Performance - 5 Years

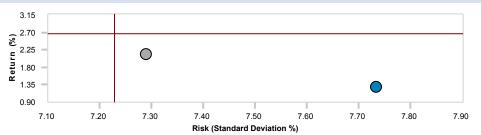


3 Yr Rolling Percentile Ranking - 5 Years



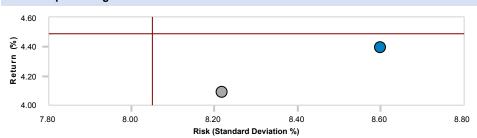
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
 Schroder Long Duration 	20	13 (65%)	5 (25%)	1 (5%)	1 (5%)	
 Barclays Long G/C 	20	0 (0%)	1 (5%)	5 (25%)	14 (70%)	

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
 Schroder Long Duration 	1.29	7.73
 Barclays Long G/C 	2.13	7.29
Median	2.66	7.23

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
 Schroder Long Duration 	4.40	8.60
 Barclays Long G/C 	4.09	8.22
Median	4.49	8.05

Historical Statistics - 3 Years

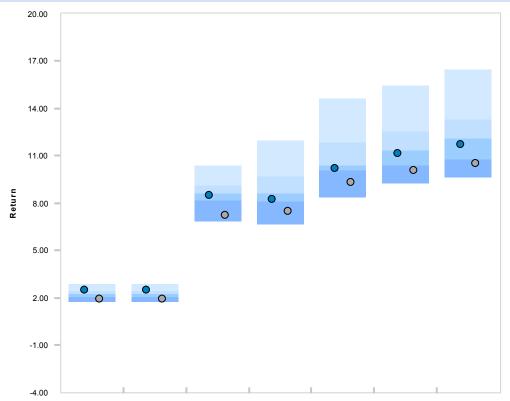
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Schroder Long Duration	2.10	97.71	106.04	-0.84	-0.38	0.14	1.02	5.69
Blmbg. Barc. U.S. Long Government/Credit	0.00	100.00	100.00	0.00	N/A	0.26	1.00	5.25

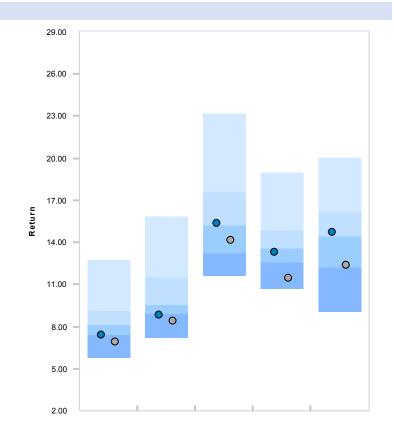
Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Schroder Long Duration	1.88	102.30	99.82	0.23	0.17	0.51	1.02	5.87
Blmbg. Barc. U.S. Long Government/Credit	0.00	100.00	100.00	0.00	N/A	0.49	1.00	5.55



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		2017	2016	2015	2014	2013
 Total Real Estate 	2.48 (24)	2.48 (24)	8.50 (54)	8.26 (69)	10.21 (62)	11.19 (63)	11.70 (63)	 Total Real Estate 	7.43 (76)	8.80 (81)	15.36 (44)	13.32 (56)	14.71 (43)
NCREIF Idx-ODCE	1.95 (80)	1.95 (80)	7.25 (93)	7.49 (83)	9.33 (82)	10.09 (89)	10.53 (81)	NCREIF Idx-ODCE	6.91 (85)	8.36 (84)	14.18 (72)	11.42 (90)	12.36 (71)
Median	2.23	2.23	8.62	8.66	10.38	11.37	12.13	Median	8.08	9.52	15.23	13.59	14.47

Comparative Performance						
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016
Total Real Estate	1.90 (79)	2.22 (34)	1.64 (78)	1.47 (75)	2.44 (40)	1.95 (68)
NCREIF Fund Index-ODCE (EW) (Net)	1.93 (75)	1.68 (61)	1.51 (85)	1.62 (57)	1.95 (64)	1.96 (68)
IM U.S. Open End Private Real Estate (SA+CF) Median	2.25	1.75	1.91	1.91	2.26	2.16

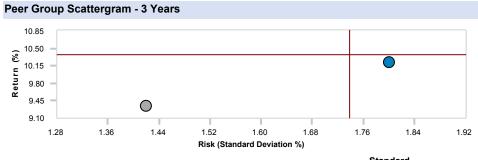


3 Yr Rolling Under/Over Performance - 5 Years 18.0 Over Performance 12.0 NCREIF Fund Index-ODCE (EW) (Net) (%)

X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 75.0 6/13 12/13 6/14 12/14 6/15 12/15 6/16 12/16 6/17 3/18

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
 Total Real Estate 	20	0 (0%)	2 (10%)	18 (90%)	0 (0%)	
 NCREIF Idx-ODCE 	20	0 (0%)	0 (0%)	2 (10%)	18 (90%)	



Earliest Date

Over Performance

Pe	er Group Sc	attergram	- 5 Years						
	12.72								
(3	12.19								
<u>ی</u>	12.19 - 11.66 - 11.13 -								
etur	11.13 =								
œ	10.60								
	10.07		1		1				
	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00
				Risk (Sta	ndard Deviati	on %)			

	Return	Standard Deviation
 Total Real Estate 	10.21	1.80
 NCREIF Idx-ODCE 	9.33	1.42
Median	10.38	1.74

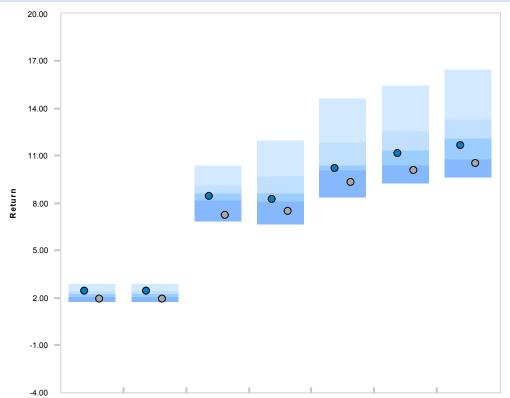
Return	Standard Deviation	
11.70	1.71	
10.53	1.37	
12.13	1.85	
	11.70 10.53	Return Deviation 11.70 1.71 10.53 1.37

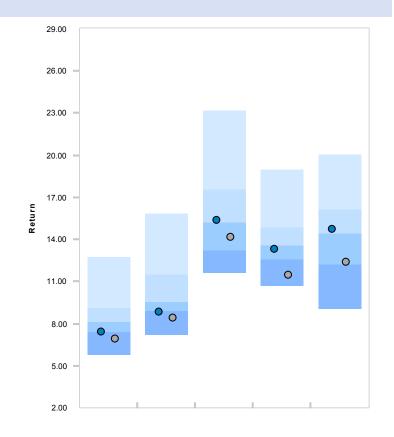
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Real Estate	1.02	109.13	N/A	0.02	0.81	2.13	1.09	0.00
NCREIF Fund Index-ODCE (EW) (Net)	0.00	100.00	N/A	0.00	N/A	2.17	1.00	0.00

matorical otatistics - o rears								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Real Estate	1.01	110.74	N/A	0.05	1.08	2.23	1.10	0.00
NCREIF Fund Index-ODCE (EW) (Net)	0.00	100.00	N/A	0.00	N/A	2.25	1.00	0.00



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		2017	2016	2015	2014	2013
• PGIM	2.41 (32)	2.41 (32)	8.42 (57)	8.23 (71)	10.19 (66)	11.17 (63)	11.69 (63)	• PGIM	7.43 (76)	8.80 (81)	15.36 (44)	13.32 (56)	14.71 (43)
O NCREIF Idx-ODCE	1.95 (80)	1.95 (80)	7.25 (93)	7.49 (83)	9.33 (82)	10.09 (89)	10.53 (81)	NCREIF Idx-ODCE	6.91 (85)	8.36 (84)	14.18 (72)	11.42 (90)	12.36 (71)
Median	2.23	2.23	8.62	8.66	10.38	11.37	12.13	Median	8.08	9.52	15.23	13.59	14.47

Comparative Performance							
	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017	1 Qtr Ending Jun-2017	1 Qtr Ending Mar-2017	1 Qtr Ending Dec-2016	1 Qtr Ending Sep-2016	
PGIM	1.90 (79)	2.22 (34)	1.64 (78)	1.47 (75)	2.44 (40)	1.95 (68)	
NCREIF Fund Index-ODCE (EW) (Net)	1.93 (75)	1.68 (61)	1.51 (85)	1.62 (57)	1.95 (64)	1.96 (68)	
IM U.S. Open End Private Real Estate (SA+CF) Median	2.25	1.75	1.91	1.91	2.26	2.16	

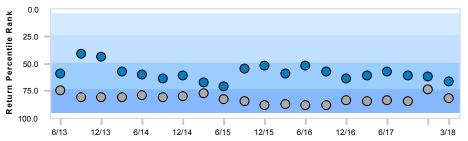


Standard

3 Yr Rolling Under/Over Performance - 5 Years 18.0 Over Performance X 00 0000.00.8 15.0 % 12.0 **B** 12.0 9.0 Under Performance 6.0 9.0 12.0 15.0 18.0 6.0 NCREIF Fund Index-ODCE (EW) (Net) (%)

X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
PGIM	20	0 (0%)	2 (10%)	18 (90%)	0 (0%)	
NCREIF Idx-ODCE	20	0 (0%)	0 (0%)	2 (10%)	18 (90%)	

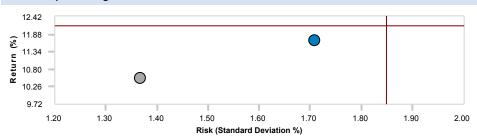
Peer Group Scattergram - 3 Years 10.80

Earliest Date

_ 1	10.08 -						'		
Return	9.72 -								
œ	9.36 -		\bigcirc						
	9.00		1						
	1.28	1.36	1.44	1.52	1.60	1.68	1.76	1.84	1.92
				Risk (Star	ndard Deviati	on %)			
				Return				ndard iation	

	Return	Deviation
PGIM	10.19	1.80
 NCREIF Idx-ODCE 	9.33	1.42
Median	10.38	1.74

Peer Group Scattergram - 5 Years



	Return	Deviation
PGIM	11.69	1.71
NCREIF Idx-ODCE	10.53	1.37
Median	12.13	1.85

Historical Statistics - 3 Years

Over Performance

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PGIM	1.01	108.87	N/A	0.01	0.79	2.13	1.09	0.00
NCREIF Fund Index-ODCE (EW) (Net)	0.00	100.00	N/A	0.00	N/A	2.17	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	1.00	110.60	N/A	0.04	1.08	2.23	1.10	0.00
NCREIF Fund Index-ODCE (EW) (Net)	0.00	100.00	N/A	0.00	N/A	2.25	1.00	0.00



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Peer Group Analysis - IM U.S. Open End Private Real Estate (SA+CF) 29.00 26.00 17.00 23.00 14.00 20.00 11.00 0 0 0 17.00 Return Return 8.00 0 0 14.00 0 5.00 0 11.00 2.00 0 8.00 0 -1.00 5.00

	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2017	2016	2015	2014	2013
Principal EPF[CE]	2.99 (3)	2.99 (3)	N/A	N/A	N/A	N/A	N/A	Principal EPF[CE]	N/A	N/A	N/A	N/A	N/A
NCREIF Idx-ODCE	1.95 (80)	1.95 (80)	7.25 (93)	7.49 (83)	9.33 (82)	10.09 (89)	10.53 (81)	NCREIF Idx-ODCE	6.91 (85)	8.36 (84)	14.18 (72)	11.42 (90)	12.36 (71)
Median	2.23	2.23	8.62	8.66	10.38	11.37	12.13	Median	8.08	9.52	15.23	13.59	14.47

2.00

Comparative Performance						
	1 Qtr					
	Ending	Ending	Ending	Ending	Ending	Ending
	Dec-2017	Sep-2017	Jun-2017	Mar-2017	Dec-2016	Sep-2016
Principal EPF[CE]	N/A	N/A	N/A	N/A	N/A	N/A
NCREIF Fund Index-ODCE (EW) (Net) IM U.S. Open End Private Real Estate (SA+CF) Median	1.93 (75)	1.68 (61)	1.51 (85)	1.62 (57)	1.95 (64)	1.96 (68)
	2.25	1.75	1.91	1.91	2.26	2.16



-4.00

Portfolio Characteristics (Benchmark: Russell 1000 Value Index)							
	Portfolio	Benchmark					
Wtd. Avg. Mkt. Cap (\$)	78,491,358,097	122,119,495,789					
Median Mkt. Cap (\$)	35,025,840,235	9,446,527,360					
Price/Earnings ratio	17.8	17.0					
Price/Book ratio	2.5	2.1					
5 Yr. EPS Growth Rate (%)	7.9	8.4					
Current Yield (%)	1.9	2.5					
Beta (5 Years, Monthly)	0.98	1.00					
Number of Stocks	51	711					

Top Ten Equity Holdings (Benchmark: Russell 1000 Value Index)								
	Portfolio Wt	Benchmark Wt	Active Wt	Qtr Rtrn				
Allergan PLC	3.2	0.5	2.7	3.3				
AerCap Holdings NV	3.0	0.0	3.0	-3.6				
Verizon Communications Inc	2.8	0.8	2.0	-8.6				
IntercontinentalExchange	2.8	0.2	2.6	3.1				
Gildan Activewear Inc	2.7	0.0	2.7	-10.6				
Omnicom Group Inc.	2.6	0.0	2.6	0.6				
Crown Holdings Inc	2.6	0.0	2.6	-9.8				
Arrow Electronics Inc	2.5	0.1	2.4	-4.2				
Wells Fargo & Co	2.5	1.9	0.6	-13.1				
Johnson Controls International Plc	2.4	0.3	2.1	-6.9				
Ten Worst Performers (Benchmar	k: Russell 1000	Value Index)						

Ten Best Performers (Benchmark: Russell 1000 Value Index)								
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn				
RenaissanceRe Holdings Ltd	1.7	0.0	1.7	10.6				
Progressive Corp (The)	1.6	0.0	1.6	10.5				
CBRE Group Inc	1.6	0.1	1.5	9.0				
Twenty-First Century Fox Inc	2.3	0.3	2.0	6.8				
TE Connectivity Ltd	1.0	0.0	1.0	5.5				
Abbott Laboratories	1.7	0.8	0.9	5.5				
PNC Financial Services Inc.	1.4	0.6	8.0	5.3				
Ball Corp	2.2	0.1	2.1	5.2				
AMETEK Inc	1.6	0.1	1.5	5.0				
JPMorgan Chase & Co	2.3	3.1	-0.8	3.4				

Ten Worst Performers (Benchmark: Russell 1000 Value Index)							
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn			
Alliance Data Systems Corp	1.6	0.0	1.6	-15.8			
Snap-On Inc	2.3	0.1	2.2	-14.9			
Wells Fargo & Co	2.5	1.9	0.6	-13.1			
Synchrony Financial	1.7	0.2	1.5	-12.8			
World Fuel Services Corp	1.2	0.0	1.2	-12.5			
United Parcel Service Inc	2.3	0.0	2.3	-11.4			
Hanesbrands Inc	2.2	0.0	2.2	-11.3			
Gildan Activewear Inc	2.7	0.0	2.7	-10.6			
Brookfield Asset Management	2.3	0.0	2.3	-10.5			
Exxon Mobil Corp	2.2	2.6	-0.4	-9.9			

Buy and Hold Sector Attribution (Benchmark: Russell 1000 Value Index)						Portfolio Comparison			
	Allo	cation	Perfo	rmance		Attribution			Cooke & Bieler
	Portfolio	Benchmark	Portfolio	Benchmark	Stock	Sector	Total	Market Capitalization (%)	
Consumer Discretionary	15.9	6.8	-4.01	-2.64	-0.22	0.02	-0.20	Greater than 25000M	55.7
Consumer Staples	3.9	8.6	-4.09	-8.38	0.17	0.26	0.43	16000M To 25000M	10.7
Energy	5.8	11.0	-8.33	-5.78	-0.15	0.16	0.01	12000M To 16000M	2.2
Financials	28.5	26.6	-0.77	-1.18	0.12	0.03	0.15	8000M To 12000M	9.8
Health Care	13.7	13.5	1.18	-1.64	0.39	0.00	0.39	5000M To 8000M	15.7
Industrials	13.8	8.3	-5.97	-4.72	-0.17	-0.11	-0.28	1000M To 3000M	2.0
Information Technology	7.5	8.6	-3.10	6.21	-0.70	-0.10	-0.79	Cash	3.9
Materials	5.0	3.0	-3.16	-5.33	0.11	-0.05	0.06		
Real Estate	1.4	4.7	9.03	-7.19	0.23	0.14	0.38		
Telecommunication Services	1.0	3.0	-8.62	-7.12	-0.02	0.09	0.07		
Utilities	0.0	5.9	0.00	-3.10	0.00	0.02	0.02		
Cash	3.4	0.0	0.35	0.00	0.00	0.11	0.11		
Total	100.0	100.0	-2.51	-2.83	-0.24	0.57	0.33		



Δs	of	Mai	rch	31	2018	

Portfolio Characteristics (Benchmark: Russell 1000 Growth Index)							
	Portfolio	Benchmark					
Wtd. Avg. Mkt. Cap (\$)	186,615,005,672	228,882,072,017					
Median Mkt. Cap (\$)	74,877,369,065	11,781,694,980					
Price/Earnings ratio	23.9	27.0					
Price/Book ratio	5.5	6.3					
5 Yr. EPS Growth Rate (%)	8.1	19.6					
Current Yield (%)	1.5	1.4					
Beta (5 Years, Monthly)	0.82	1.00					
Number of Stocks	51	553					

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	-1.5			
Microsoft Corp	4.6	5.3	-0.7	7.2			
Apple Inc	4.6	6.6	-2.0	-0.5			
TJX Companies Inc (The)	2.9	0.4	2.5	7.1			
Mastercard Inc	2.6	1.3	1.3	15.9			
Home Depot Inc. (The)	2.6	1.6	1.0	-5.4			
Starbucks Corp	2.6	0.6	2.0	1.4			
Nike Inc	2.5	0.7	1.8	6.5			
Oracle Corp	2.5	0.1	2.4	-2.9			
Unitedhealth Group Inc	2.5	1.6	0.9	-2.6			

Ten Best Performers (Benchmark: Russell 1000 Growth Index)								
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn				
Dr Pepper Snapple Group Inc	0.8	0.2	0.6	22.6				
Broadridge Fin. Solutions	1.8	0.1	1.7	21.5				
Mastercard Inc	2.6	1.3	1.3	15.9				
Cognizant Technology	1.9	0.4	1.5	13.6				
Intel Corp	1.4	0.0	1.4	13.6				
Varian Medical Systems Inc	1.0	0.1	0.9	10.3				
F5 Networks Inc	2.0	0.1	1.9	10.2				
Fiserv Inc.	1.5	0.2	1.3	8.8				
Verisk Analytics Inc	1.2	0.1	1.1	8.3				
Fortive Corp	1.1	0.2	0.9	7.2				

Ten Worst Performers (Benchmark: Russell 1000 Growth Index)									
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn					
Celgene Corp	0.7	0.5	0.2	-14.5					
Comcast Corp	1.8	1.1	0.7	-14.4					
Cerner Corp	1.7	0.1	1.6	-13.9					
Clorox Co (The)	1.3	0.1	1.2	-10.0					
Dell Technologies Inc	0.8	0.1	0.7	-9.9					
Verizon Communications Inc	2.1	0.8	1.3	-8.6					
McDonald's Corp	1.9	1.0	0.9	-8.6					
Johnson & Johnson	2.0	0.4	1.6	-7.7					
Dunkin' Brands Group Inc	1.0	0.0	1.0	-6.9					
Walt Disney Co (The)	2.2	0.8	1.4	-6.6					

Buy and Hold Sector Attribution (Benchmark: Russell 1000 Growth Index)						Portfolio Comparison			
	Allo	cation	Perfo	mance		Attribution			Sawgrass
	Portfolio	Benchmark	Portfolio	Benchmark	Stock	Sector	Total	Market Capitalization (%)	
Consumer Discretionary	16.3	18.1	-2.68	4.21	-1.12	-0.05	-1.17	Greater than 25000M	72.7
Consumer Staples	7.0	6.8	0.43	-4.82	0.37	-0.01	0.36	16000M To 25000M	7.0
Energy	0.0	0.9	0.00	-5.86	0.00	0.06	0.06	12000M To 16000M	6.2
Financials	4.9	3.4	-0.59	4.31	-0.24	0.04	-0.20	8000M To 12000M	6.5
Health Care	18.6	12.8	-3.03	-0.19	-0.53	-0.09	-0.62	3000M To 5000M	1.0
Industrials	14.2	12.7	-0.93	-0.08	-0.12	-0.02	-0.14	Cash	6.6
Information Technology	27.7	38.0	5.20	3.45	0.49	-0.21	0.28		
Materials	2.3	3.7	2.46	-5.64	0.19	0.10	0.29		
Real Estate	0.0	2.5	0.00	-3.44	0.00	0.12	0.12		
Telecommunication Services	2.9	1.0	-8.62	-8.11	-0.01	-0.19	-0.20		
Utilities	0.0	0.0	0.00	7.32	0.00	0.00	0.00		
Cash	5.9	0.0	0.35	0.00	0.00	-0.06	-0.06		
Total	100.0	100.0	0.11	1.43	-0.99	-0.30	-1.29		



Portfolio Characteristics (Benchmark: Russell 2000 Growth Index)			
	Portfolio	Benchmark	
Wtd. Avg. Mkt. Cap (\$)	3,419,693,922	2,959,810,300	
Median Mkt. Cap (\$)	2,004,062,200	1,023,531,075	
Price/Earnings ratio	36.3	23.5	
Price/Book ratio	4.1	4.1	
5 Yr. EPS Growth Rate (%)	22.5	16.2	
Current Yield (%)	0.2	0.7	
Beta (3 Years, Monthly)	0.72	1.00	
Number of Stocks	54	1,188	

Top Ten Equity Holdings (Benchmark: Russell 2000 Growth Index)					
	Portfolio Wt	Benchmark Wt	Active Wt	Qtr Rtrn	
Grand Canyon Education Inc	3.2	0.4	2.8	17.2	
Bio-Techne Corp	3.2	0.0	3.2	16.9	
Carbonite Inc	3.1	0.1	3.0	14.7	
EPAM Systems Inc	3.1	0.5	2.6	6.6	
Icon PLC	2.9	0.0	2.9	5.3	
RealPage Inc	2.9	0.3	2.6	16.3	
Ultimate Software Group Inc (The)	2.8	0.0	2.8	11.7	
Healthcare Services Group Inc	2.7	0.3	2.4	-17.2	
Five Below Inc	2.6	0.4	2.2	10.6	
Envestnet Inc	2.6	0.2	2.4	14.9	
Ten Worst Performers (Benchmark: Russell 2000 Growth Index)					

	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn
GrubHub Inc	2.1	0.8	1.3	41.3
Bofl Holding Inc	2.0	0.1	1.9	35.6
Chegg Inc	1.9	0.2	1.7	26.6
Qualys Inc	1.3	0.2	1.1	22.6
CoStar Group Inc	2.1	0.0	2.1	22.1
Ligand Pharmaceuticals	1.6	0.3	1.3	20.6
Tyler Technologies Inc.	2.1	0.0	2.1	19.2
Willdan Group Inc	1.3	0.0	1.3	18.4
Grand Canyon Education Inc	3.2	0.4	2.8	17.2
Bio-Techne Corp	3.2	0.0	3.2	16.9

Ton Wordt Growner (Bonomarki Raccon 2000 Grown mack)					
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrr	
Maco Tech Solutions	0.6	0.1	0.5	-49.0	
MiMedx Group Inc	0.5	0.1	0.4	-44.7	
WageWorks Inc	2.1	0.2	1.9	-27.1	
Dave & Buster's Entertainment Inc	1.1	0.2	0.9	-24.3	
Kornit Digital Ltd	1.2	0.0	1.2	-20.1	
Healthcare Services Group Inc	2.7	0.3	2.4	-17.2	
Omnicell Inc	1.7	0.1	1.6	-10.5	
Neogenomics Inc	1.6	0.0	1.6	-7.9	
MAXIMUS Inc.	2.1	0.4	1.7	-6.7	
LKQ Corp	1.6	0.0	1.6	-6.7	
D46	- li - C - m- m - mi				

						Live Corp		1.0	.0 1.0	0.7
Buy and Hold Sector Attribut	ion (Benchma	rk: Russell 2000	Growth Index	()				Portfolio Comparison		
	Allo	cation	Perfo	rmance		Attribution			Summit Creek	
	Portfolio	Benchmark	Portfolio	Benchmark	Stock	Sector	Total	Market Capitalization (%)		
Consumer Discretionary	22.2	14.0	4.87	-3.09	1.77	-0.44	1.33	12000M To 16000M	2.1	
Consumer Staples	0.0	2.8	0.00	-3.81	0.00	0.17	0.17	8000M To 12000M	5.8	
Energy	0.0	1.4	0.00	-15.33	0.00	0.24	0.24	5000M To 8000M	17.6	
Financials	4.4	6.1	21.75	2.38	0.86	0.00	0.86	3000M To 5000M	20.8	
Health Care	23.0	23.8	1.92	6.32	-1.01	-0.03	-1.05	1000M To 3000M	30.8	
ndustrials	11.2	18.4	-10.61	-3.44	-0.80	0.41	-0.39	500M To 1000M	15.6	
nformation Technology	36.2	23.8	9.44	10.03	-0.21	0.97	0.75	200M To 500M	3.5	
Materials	1.4	4.6	1.43	-0.67	0.03	0.10	0.12	Cash	3.7	
Real Estate	0.0	3.3	0.00	-7.28	0.00	0.32	0.32			
Telecommunication Services	0.0	1.0	0.00	-1.78	0.00	0.04	0.04			
Jtilities	0.0	0.8	0.00	-10.58	0.00	0.10	0.10			
Cash	1.6	0.0	0.35	0.00	0.00	-0.03	-0.03			
Total	100.0	100.0	4.74	2.28	0.63	1.84	2.47			



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: \$8,068 Million

Portfolio Turnover: 22%

Portfolio Assets : \$10,377 Million
Portfolio Manager : Preston G. Athey

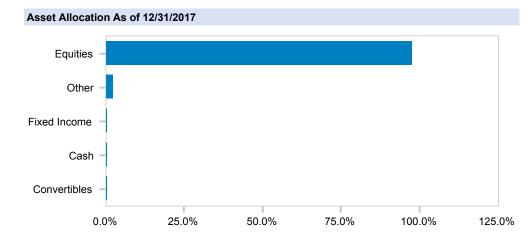
PM Tenure: 1991

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 12/31/2017	
SHS OF BENEF INTEREST	1.8 %
Western Alliance Bancorp ORD	1.2 %
Home BancShares Inc ORD	1.1 %
Belden Inc ORD	1.0 %
Columbia Banking System Inc ORD	1.0 %
Landstar System Inc ORD	1.0 %
ONE Gas Inc ORD	1.0 %
BankUnited Inc ORD	1.0 %
PNM Resources Inc ORD	1.0 %
Nomad Foods Ltd ORD	1.0 %

Fund Characteristics As of 12/31/2017

Total Securities 319

Avg. Market Cap \$3,029 Million

 P/E
 30.5

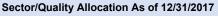
 P/B
 3.4

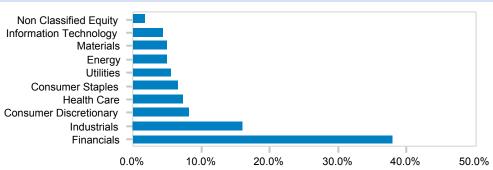
 Div. Yield
 2.0%

 Annual EPS
 15.6

 5Yr EPS
 10.1

 3Yr EPS Growth
 9.4







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

Regional Allocation As of 12/31/2017

Fund Investment Policy

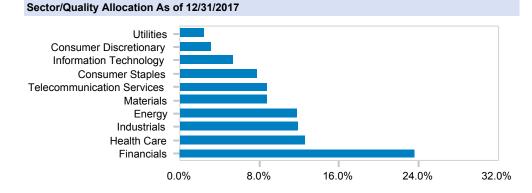
The Fund seeks long-term capital growth through a flexible policy of investing in equity securities and debt obligations of companies and governments outside the United States.

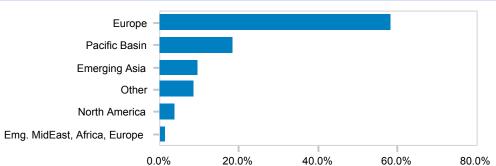
Asset Allocation As of 12/31/2017 Equities - Other - Cash - Convertibles - Fixed Income - 100.0% 150.0% 150.0%

Top Ten Securities As of 12/31/2017	
Samsung Electronics Co Ltd ORD	3.5 %
Institutional Money Market Portfolio	3.0 %
BP PLC ORD	2.7 %
Roche Holding AG Par	2.0 %
BNP Paribas SA ORD	1.9 %
HSBC Holdings PLC ORD	1.8 %
Telenor ASA ORD	1.7 %
Royal Dutch Shell PLC DR	1.7 %
Standard Chartered PLC ORD	1.7 %
Bayer AG ORD	1.6 %

Top 5 Countries As	of 12/31/2017
United Kingdom	14.8 %
Japan	11.7 %
France	10.2 %
Germany	9.5 %
Netherlands	8.3 %
Fund Characteristic	cs As of 12/31/2017
Total Securities	97 \$66 558 Million

Total Securities	97
Avg. Market Cap	\$66,558 Millio
P/E	25.2
P/B	2.1
Div. Yield	2.8%
Annual EPS	20.9
5Yr EPS	-0.4
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 Assets : \$9,893 Million

Portfolio Turnover: 17%

Portfolio Assets: \$9,893 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 02/28/2018 Equities Fixed Income Cash Convertibles Other 0.0% 50.0% 100.0% 150.0%

Top Ten Securities As of 02/28/2018	
Nestle SA ORD	3.4 %
Bayer AG ORD	3.0 %
AIA Group Ltd ORD	2.7 %
Roche Holding AG Par	2.5 %
Schneider Electric SE ORD	2.4 %
Terumo Corp ORD	2.4 %
UBS Group AG ORD	2.4 %
Air Liquide SA ORD	2.4 %
Hoya Corp ORD	2.4 %
Pernod Ricard SA ORD	2.4 %

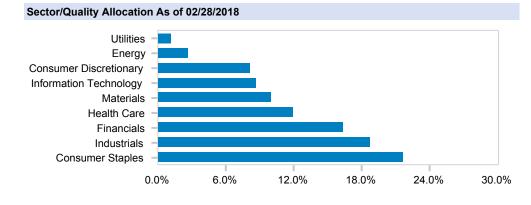
Top 5 Countries As o	of 02/28/2018
France	15.4 %
Japan	14.5 %
Switzerland	12.5 %
United Kingdom	12.0 %
Germany	10.2 %
Fund Characteristics	As of 02/28/2018
Total Securities	77
Avg. Market Cap	\$71,690 Million
P/E	23.1
P/B	4.0

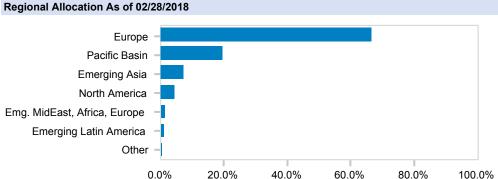
2.7%

14.0

9.8

10.1





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: \$798 Million

Portfolio Turnover: 44%

Portfolio Manager : Team Managed

PM Tenure :

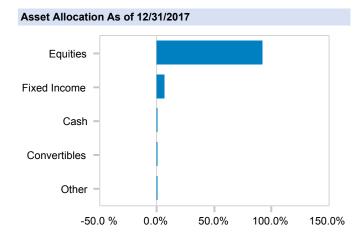
Fund Style: IM Emerging Markets Equity (MF)

\$798 Million

Style Benchmark: MSCI Emerging Markets Index

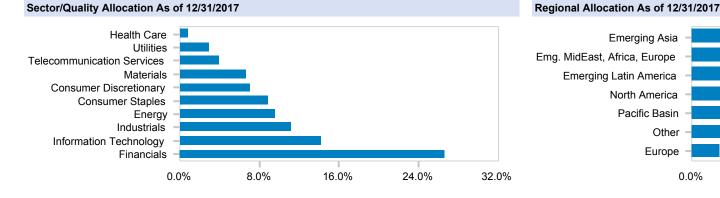
Fund Investment Policy

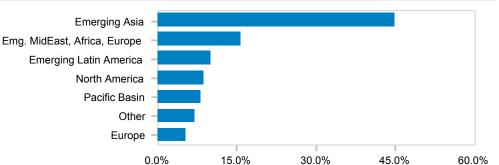
The Fund seeks long-term capital appreciation. The Fund invests in small-, mid-, and large-capitalization companies and is expected to diversify its assets among companies located in emerging markets around the world. The Fund invests at least 80% of its assets in common stocks of companies located in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



Top Ten Securities As of 12/31/2017	
Vanguard Market Liquidity Fund	6.9 %
Tencent Holdings Ltd ORD	3.2 %
Taiwan Semiconductor Manufacturing	2.5 %
NK Lukoil PAO DR	1.9 %
Faiwan Semiconductor Manufacturing	1.8 %
China Construction Bank Corp ORD	1.7 %
Alibaba Group Holding Ltd DR	1.5 %
Baidu Inc DR	1.4 %
Reliance Industries Ltd ORD	1.2 %
Sberbank Rossii PAO DR	1.2 %

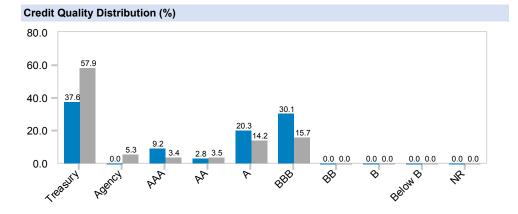
Top 5 Countries As	of 12/31/2017	
China	21.7 %	
Taiwan	10.1 %	
Brazil	9.8 %	
India	7.8 %	
Hong Kong	5.9 %	
Fund Characteristi	cs As of 12/31/2017	
Total Securities	306	
Avg. Market Cap	\$73,802 Million	
P/E	22.5	
P/B	3.1	
Div. Yield	2.9%	
Annual EPS	13.7	
5Yr EPS	6.4	
3Yr EPS Growth	7.3	

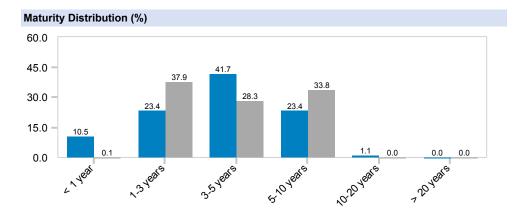


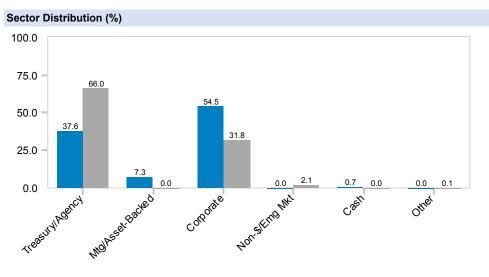


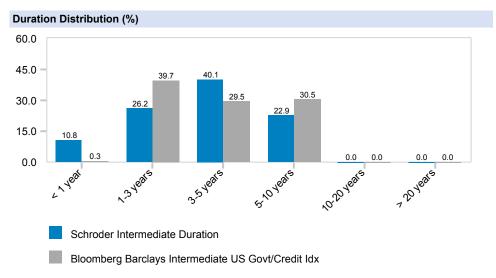


Portfolio Characteristics		
	Portfolio	Benchmark
Avg. Maturity	6.18	4.44
Avg. Quality	AA-	AA
Coupon Rate (%)	2.82	2.51
Current Yield	2.82	2.52
Effective Duration	3.98	3.99











	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Employee's Total Fund	0.50	462,641,998	2,304,803	
Domestic Equity				
Cooke & Bieler	0.45	53,239,620	239,578	0.45 % of Assets
NTGI S&P 500	0.05	50,672,066	25,336	0.05 % of First \$100 M 0.02 % Thereafter
Sawgrass	0.50	52,754,034	263,770	0.50 % of Assets
NTGI S&P 400	0.05	22,610,512	11,305	0.05 % of First \$100 M 0.02 % Thereafter
T Rowe Price	0.80	22,189,029	177,512	0.80 % of Assets
Summit Creek	1.00	23,817,804	238,178	1.00 % of Assets
International Equity				
Templeton	0.78	40,601,065	316,688	0.78 % of Assets
MFS	0.71	40,860,039	290,106	0.71 % of Assets
Vanguard EM	0.93	17,232,098	160,259	0.93 % of Assets
Domestic Fixed Income				
Schroder Long Duration		-	-	0.38 % of First \$30 M 0.25 % of Next \$70 M 0.13 % Thereafter
NTGI Government / Credit	0.05	28,233,998	14,117	0.05 % of First \$100 M 0.02 % Thereafter
Schroder Intermediate Duration	0.30	72,465,749	220,164	0.38 % of First \$30 M 0.25 % of Next \$70 M 0.13 % Thereafter
Real Estate				
PGIM	1.00	29,851,076	298,511	1.00 % of Assets
Principal Enhanced Property Fund, LP[CE]	1.20	4,106,511	49,278	1.20 % of Assets
Cash	0.00	4,008,397	-	0.00 % of Assets



^{*} Principal Enhanced Property Fund fee is 1.2% of assets plus 15% of excess over 11% IRR

Comparative Performance						
	QTR	FYTD	1 YR	3 YR	5 YR	10 YR
Employees' Total Fund	-0.78	-0.78	10.57	6.87	8.67	7.50
Sioux Falls Total Policy	-0.68	-0.68	10.67	7.25	8.82	6.94
Total Domestic Equity	-0.50	-0.50	13.37	9.57	12.10	9.57
Russell 3000 Index	-0.64	-0.64	13.81	10.22	13.03	9.62
Cooke & Bieler	-2.26	-2.26	9.67	9.02	12.14	9.12
Russell 1000 Value Index	-2.83	-2.83	6.95	7.88	10.78	7.78
ITGI S&P 500	-0.77	-0.77	13.95	10.80	13.33	9.44
S&P 500 Index	-0.76	-0.76	13.99	10.78	13.31	9.49
Sawgrass	-0.13	-0.13	14.68	9.07	12.46	9.51
Russell 1000 Growth Index	1.42	1.42	21.25	12.90	15.53	11.34
ITGI S&P 400	-0.76	-0.76	10.91	8.95	12.00	10.93
S&P MidCap 400 Index	-0.77	-0.77	10.97	8.96	11.97	10.90
Rowe Price	-1.61	-1.61	10.07	10.66	10.43	9.74
Russell 2000 Value Index	-2.64	-2.64	5.13	7.87	9.96	8.61
Summit Creek	4.91	4.91	23.98	8.40	N/A	N/A
Russell 2000 Growth Index	2.30	2.30	18.63	8.77	12.90	10.95



	QTR	FYTD	1 YR	3 YR	5 YR	10 YR
Total International Equity	-0.85	-0.85	15.76	5.83	6.11	3.60
MSCI AC World ex USA (Net)	-1.18	-1.18	16.53	6.18	5.89	2.70
Templeton	-1.91	-1.91	12.43	4.13	5.55	2.60
MSCI EAFE Value Index (Net)	-2.03	-2.03	12.19	4.29	5.78	1.97
MFS	-1.37	-1.37	16.68	6.07	6.89	4.89
MSCI EAFE Growth Index (Net)	-1.04	-1.04	17.51	6.73	7.14	3.44
Vanguard EM	3.07	3.07	21.68	9.87	N/A	N/A
MSCI Emerging Markets (Net) Index	1.42	1.42	24.93	8.81	4.99	3.02
Total Domestic Fixed Income	-2.30	-2.30	0.99	1.00	2.47	5.58
Blmbg. Barc. U.S. Aggregate Index	-1.46	-1.46	1.20	1.20	1.82	3.63
Schroder Intermediate Duration	-1.16	-1.16	0.58	1.21	1.83	N/A
Bloomberg Barclays Intermediate US Govt/Credit Idx	-0.98	-0.98	0.35	0.94	1.25	2.92
NTGI Government / Credit	-1.57	-1.57	1.38	1.21	1.84	3.67
Blmbg. Barc. U.S. Gov't/Credit	-1.58	-1.58	1.38	1.22	1.84	3.65
Schroder Long Duration	-6.40	-6.40	1.56	1.00	4.10	7.53
Blmbg. Barc. U.S. Long Government/Credit	-3.58	-3.58	5.09	2.13	4.09	6.79
Total Real Estate	2.23	2.23	7.45	9.25	10.74	3.65
NCREIF Fund Index-ODCE (EW) (Net)	1.95	1.95	7.25	9.33	10.53	4.02
PGIM	2.17	2.17	7.38	9.22	10.72	3.64
NCREIF Fund Index-ODCE (VW)	2.20	2.20	8.07	9.99	11.43	5.11
Principal Enhanced Property Fund, LP[CE]	2.66	2.66	N/A	N/A	N/A	N/A
NCREIF Fund Index-ODCE (EW) (Net)	1.95	1.95	7.25	9.33	10.53	4.02
Cash	0.30	0.30	0.95	N/A	N/A	N/A
90 Day U.S. Treasury Bill	0.35	0.35	1.11	0.49	0.31	0.32



Δ	cti	ve	R	۵tı	ırn

- 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.



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

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