Investment Performance Review Period Ending September 30, 2021

# **City of Sioux Falls Employees'**



**3rd Quarter 2021 Market Environment** 



#### The Economy

- Growth in the US likely slowed during the 3<sup>rd</sup> quarter as the recovery continues to mature.
- Inflation remains well above the Federal Reserve Bank's (the Fed) average target of 2.0%. The annual rate of inflation dropped slightly to 5.3% in August, down from 5.4% in July.
- The demand for labor in the US remains strong as evidenced by the drop in the unemployment rate in September to 4.8%, down from 5.2% in August. Unemployment benefits granted under the March 2020 CARES Act expired in early September. Wage growth remains strong as employers remain challenged to fill job openings.
- Despite leaving interest rates unchanged at their most recent meeting, the Fed stated that it would begin tapering its asset purchases and being the process of evaluating when interest rates would start to rise.

#### **Equity (Domestic and International)**

- Volatility increased in during the 3<sup>rd</sup> quarter as US markets climbed to new all-time highs in early September only to pull back towards the end of the period. A variety of factors contributed to the increase in volatility including concerns related to the Delta variant, supply chain shortages, higher US interest rates, rising inflation, and fiscal policies in Washington. Despite these concerns, growth led value in both large and mid-cap companies and large companies outperformed relative to smaller peers.
- Developed international equity markets outperformed their domestic counterparts during the 3<sup>rd</sup> quarter. Emerging markets dropped sharply on concerns related to increased regulatory oversight in China and the potential default of Evergrande, the largest Chinese property developer.

#### **Fixed Income**

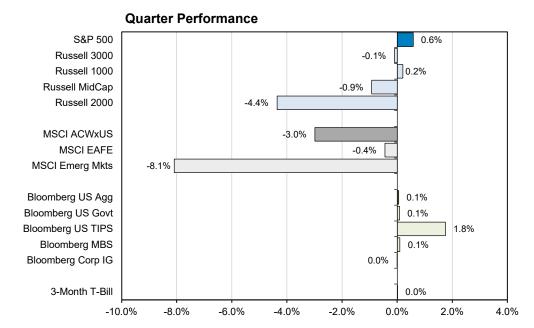
- Despite the continued concerns related to rising inflation and potential changes in Fed policies, US interest rates were essentially unchanged during the quarter. The US 10-Year Treasury bond rose only 2 basis points (0.02%) for the quarter to close at a yield of 1.48%.
- Performance across most US bond market sectors was muted during the quarter and was driven largely by the Fed's messaging concerning the potential for beginning the process of raising interest rates in late-2022.
- Lower quality corporate bonds outperformed higher quality sectors during the quarter. The combination of larger relative coupons and shorter maturity profiles acted as tailwinds for lower quality during the period.

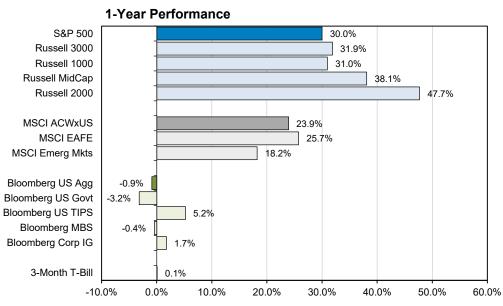
#### **Market Themes**

- While global central bank monetary policy remains accommodative, both the Fed and the Bank of England hinted that rate increases would most likely be warranted in the near future. Historically, rising interest rates have served as a headwind to equity markets, particularly for expansion-oriented growth companies.
- The combination of supply chain disruptions and labor shortages is creating increased pressure on corporate margins. While earnings were generally better than expected during the period, the longer these challenges persist, the higher the likelihood that earnings will be negatively affected moving forward.
- Measures of inflation in both the US and Europe remain well above their respective targets. Persistent increases in food and energy prices have the potential to act as a headwind to consumers in coming periods as wages have not kept pace with rising prices.



- US equity markets experienced disparate returns during the 3rd quarter of 2021. The primary factors that drove the market performance during the period were concerns related to rising inflation and potential changes in the Fed's monetary policy. Despite rising US interest rates, growth-oriented companies maintained their market leadership relative to value. For the period, large cap companies returned 0.6%, compared to -0.9% for mid-caps and -4.4% for small company stocks.
- Similar to domestic markets, broad international equity markets also posted disappointing returns for the 3rd quarter. While concerns related to the spread of COVID began to wane, the key drivers of performance were rising inflation, rising interest rates, and the potential default of Evergrande in China. During the period, the MSCI EAFE Index posted a return of -0.4% while the MSCI Emerging Markets Index returned a weak -8.1%.
- For the quarter, bond market returns were muted as interest rates across the yield curve remained largely unchanged. While the Bloomberg (BB) US Aggregate Index returned 0.1%, the outlier was US TIPS which returned 1.8% on concerns about potential rising inflation.
- Returns over the trailing 1-year were strong across all broad US equity markets. The continuation of supportive monetary policy from the Fed and the reopening of local economies as the pandemic receded were the primary performance drivers during the period. Domestic small cap stocks posted highest return for the trailing 1-year period, returning 47.7%. US large cap performance was also stellar with a return of 30.0% over the trailing 1-year period.
- International markets also performed well but lagged relative to their domestic counterparts. Over the trailing 1-year period, the MSCI EAFE Index returned 25.7% while the MSCI Emerging Markets Index returned a lower 18.2%. The combination of rising inflation and developed market interest rates were the primary headwinds during the period.
- Bond market returns over the trailing 1-year period were muted with the Bloomberg US Aggregate Index returning -0.9%. US TIPS continued to lead the way as investors remain concerned about the potential for rising inflation. The TIPS Index returned 5.2% for the period while investment grade corporate bonds returned 1.7%.





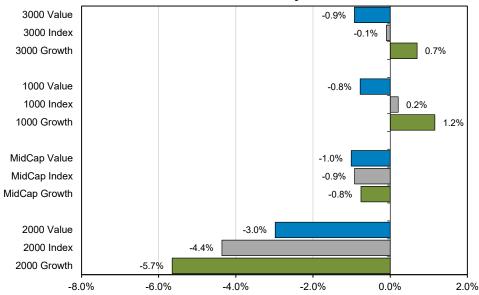
Source: Investment Metrics



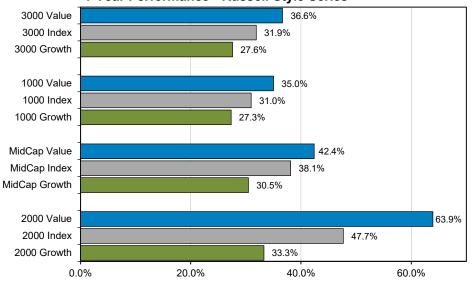
- The market's upward momentum waned during the quarter as most US equity benchmarks posted their first losing quarter since the drawdown at the onset of the pandemic. Large cap stocks continued to lead the equity markets, followed by mid and small cap issues. The Russell 1000 Index returned 0.2% versus returns of -0.9% for the Russell Mid Cap Index and -4.4% for the Russell 2000 Index.
- Except for small cap benchmarks, Growth continued to outpace value for the second consecutive quarter. The Russell 1000 Growth Index was the best performing style index for the quarter, posting a return of 1.2% and Mid cap growth performance was negative, returning -0.8%. However, in small cap stocks, value outpaced growth for the second consecutive quarter with the Russell 2000 Value Index returning -3.0% versus a weaker -5.7% for the Russell 2000 Growth Index.

- Performance across all market capitalizations and styles was very strong over the trailing 1-year period led by higher beta small cap stocks.
- Despite the recent relative outperformance by growth, value stocks outperformed across all market capitalizations over the trailing 1-year period. As the strong economic recovery continued, small cap value stocks posted outsized performance with the Russell 2000 Value Index returning 63.9%. The dispersion between value and growth was also most pronounced for small cap benchmarks (30.6%).

#### **Quarter Performance - Russell Style Series**



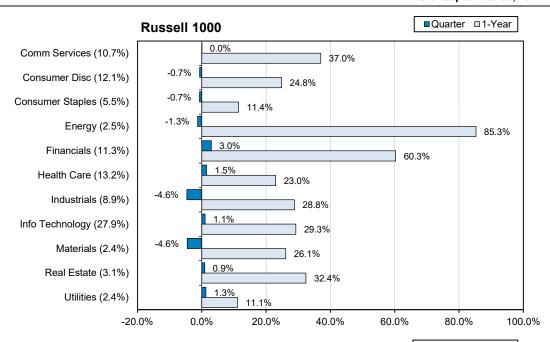
#### 1-Year Performance - Russell Style Series

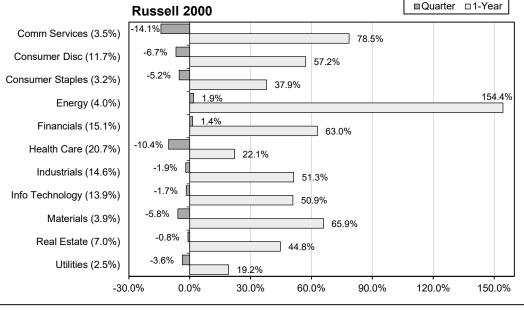






- Sector performance was mixed and muted during the 3rd quarter with only five of the eleven large cap economic sectors realizing positive returns. Five sectors outpaced the return of the broad index during the period.
- Financials were the best performing sector during the quarter returning 3.0%. Rising interest rates and a steepening yield curve should boost banks' profits in the coming quarters. Health Care also performed well, led by the companies developing treatments for COVID-19. The Industrials and Materials sectors were negative during the period, with both sectors returning -4.6%. Supply chain disruptions and concerns about shrinking corporate margins acted as headwinds for performance in these sectors. and concerns about shrinking corporate margins acted as headwinds.
- For the full year, all eleven sectors produced positive returns. Sector performance for the period was led by Energy which jumped 85.3% as oil prices recovered from their pandemic lows. Four of the eleven sectors outperformed the broad large cap benchmark: Energy (85.3%), Financials (60.3%), Communication Services (37.0%), and Real Estate (32.4%). Although they still produced double-digit returns, the weakest economic sectors in the Russell 1000 for the trailing year were Utilities (11.1%) and Consumer Staples (11.4%).
- Small cap sector performance had a more challenging quarter with only two of the eleven small cap sectors posted positive performance. Energy (1.9%) and Financials (1.4%) benefited from rising energy prices and higher interest rates. Six of the Russell 2000 Index sectors managed to outpace the core benchmark for the quarter. Dispersion between the benchmark's sectors was wide during the period with Energy (1.9%) and Communication Services (-14.1%) defining the broad 16.0% band.
- For full 1-year period, seven of the eleven sectors outperformed the broad benchmark: Energy (154.4%), Communication Services (78.5%), Materials (65.9%), Financials (63.0%), Consumer Discretionary (57.2%), Industrials (51.3%), and Info Technology (50.9%). The combination of continued economic growth, accommodative monetary policies, rising energy prices, and increased inflationary pressures were the primary catalysts for the exceptional trailing 1-year performance.







As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.



	Top 10 W	eighted Stoc	ks	
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	5.40%	3.5%	23.0%	Information Technology
Microsoft Corp	5.17%	4.3%	35.3%	Information Technology
Amazon.com Inc	3.47%	-4.5%	4.3%	Consumer Discretionary
Facebook Inc Class A	1.98%	-2.4%	29.6%	Communication Services
Alphabet Inc Class A	1.96%	9.5%	82.4%	Communication Services
Alphabet Inc Class C	1.82%	6.3%	81.4%	Communication Services
Tesla Inc	1.50%	14.1%	80.8%	Consumer Discretionary
Berkshire Hathaway Inc Class B	1.23%	-1.8%	28.2%	Financials
NVIDIA Corp	1.21%	3.6%	53.3%	Information Technology
JPMorgan Chase & Co	1.18%	5.8%	74.8%	Financials

	Top 10 W	eighted Stoc	ks	
Russell 2000	Weight 1-Qtr Return		1-Year Return	Sector
AMC Entmt Holdings Inc Class A	0.67%	-32.9%	708.1%	Communication Services
Intellia Therapeutics Inc	0.32%	-17.1%	574.8%	Health Care
Crocs Inc	0.30%	23.1%	235.8%	Consumer Discretionary
Lattice Semiconductor Corp	0.30%	15.1%	123.2%	Information Technology
Ovintiv Inc	0.29%	4.6%	310.2%	Energy
Tetra Tech Inc	0.27%	22.6%	57.3%	Industrials
Scientific Games Corp Ordinary Shares	0.27%	7.3%	138.0%	Consumer Discretionary
Rexnord Corp	0.27%	28.7%	117.1%	Industrials
Biohaven Pharm. Holding Co Ltd	0.26%	43.1%	113.7%	Health Care
Asana Inc Ordinary Shares - Class A	0.26%	67.4%	260.6%	Information Technology

Тор	10 Performir	ng Stocks (b	y Quarter)	
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Upstart Holdings Inc Ordinary Shares	0.03%	153.4%	N/A	Financials
Moderna Inc	0.32%	63.8%	444.0%	Health Care
Albertsons Companies Inc Class A	0.01%	59.1%	129.8%	Consumer Staples
Atlassian Corporation PLC A	0.13%	52.4%	115.3%	Information Technology
Paylocity Holding Corp	0.03%	47.0%	73.7%	Information Technology
Bill.com Holdings Inc Ordinary Shares	0.05%	45.7%	166.1%	Information Technology
Repligen Corp	0.04%	44.8%	95.9%	Health Care
Acceleron Pharma Inc	0.02%	37.1%	52.9%	Health Care
Paycom Software Inc	0.06%	36.4%	59.3%	Information Technology
Datadog Inc Class A	0.08%	35.8%	38.4%	Information Technology

Тор	Top 10 Performing Stocks (by Quarter)									
Russell 2000	Weight 1-Qtr Return		1-Year Return	Sector						
State Auto Financial Corp	0.03%	198.2%	276.9%	Financials						
Fulcrum Therapeutics Inc	0.03%	169.2%	255.7%	Health Care						
IVERIC bio Inc	0.06%	157.4%	187.9%	Health Care						
Kadmon Holdings Inc	0.05%	125.1%	122.2%	Health Care						
GreenSky Inc Class A	0.03%	101.4%	151.8%	Information Technology						
Dynavax Technologies Corp	0.07%	95.0%	344.7%	Health Care						
Grid Dynamics Hldgs Inc Ord Shrs A	0.04%	94.4%	278.0%	Information Technology						
Peabody Energy Corp	0.04%	86.5%	543.0%	Energy						
Trillium Therapeutics Inc	0.06%	81.2%	24.2%	Health Care						
Cytokinetics Inc	0.10%	80.6%	65.1%	Health Care						

Botton	Bottom 10 Performing Stocks (by Quarter)									
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector						
GoHealth Inc Ordinary Shares - Class A	0.00%	-55.1%	-61.4%	Financials						
Skillz Inc Ordinary Shares - Class A	0.01%	-54.8%	N/A	Communication Services						
Boston Beer Co Inc Class A	0.01%	-50.1%	-42.3%	Consumer Staples						
StoneCo Ltd Class A	0.02%	-48.2%	-34.4%	Information Technology						
TuSimple Hldgs Inc Ord Shrs - Class A	0.00%	-47.9%	N/A	Industrials						
NovoCure Ltd	0.03%	-47.6%	4.4%	Health Care						
Vroom Inc Ordinary Shares	0.01%	-47.3%	-57.4%	Consumer Discretionary						
Virgin Galactic Holdings Inc Shs A	0.01%	-45.0%	31.6%	Industrials						
ChargePoint Hldgs Inc Ord Shrs - A	0.01%	-42.5%	N/A	Industrials						
Signify Health Inc Ord Shrs - Class A	0.00%	-41.3%	N/A	Health Care						

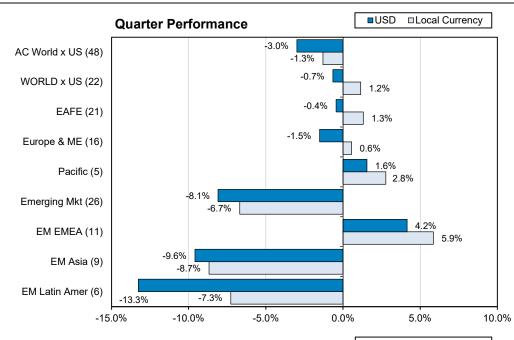
Botton	Bottom 10 Performing Stocks (by Quarter)								
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector					
GT Biopharma Inc	0.00%	-100.0%	N/A	Health Care					
Forte Biosciences Inc Ordinary Shares	0.00%	-91.2%	-93.9%	Health Care					
Eargo Inc Ordinary Shares	0.00%	-83.1%	N/A	Health Care					
Sesen Bio Inc	0.01%	-82.8%	-43.3%	Health Care					
Ardelyx Inc	0.00%	-82.6%	-74.9%	Health Care					
MedAvail Holdings Inc Ordinary Shares	0.00%	-76.2%	N/A	Consumer Staples					
Seres Therapeutics Inc	0.02%	-70.8%	-75.4%	Health Care					
Ontrak Inc	0.00%	-69.1%	-83.3%	Health Care					
InnovAge Holding Corp	0.00%	-69.0%	N/A	Health Care					
Ashford Hospitality Trust Inc	0.01%	-67.7%	-10.8%	Real Estate					

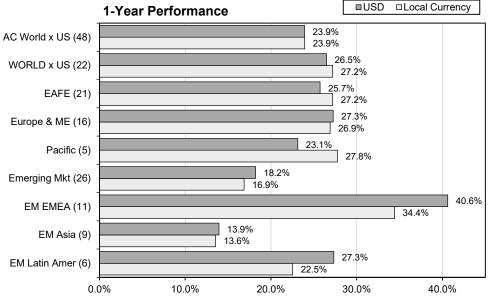
Source: Morningstar Direct



• Although some regional benchmarks posted positive performance for the quarter, the US dollar (USD) performance for the broad international equity benchmarks were negative. For the period, developed markets outperformed emerging markets in both USD and local currency. The MSCI EAFE Index returned -0.4% in USD and 1.3% in local currency terms for the period while the MSCI Emerging Markets Index posted a weak -8.1% return in USD and -6.7% in local currency terms.

The trailing 1-year results for international developed and emerging markets were positive across all regions and currencies. The MSCI EAFE Index returned 25.7% in USD and 27.2% in local currency terms, while the MSCI Emerging Markets Index returned 18.2% in USD and 16.9% in local currency terms. Performance within the emerging markets regions was led by the EMEA region which returned 40.6% in USD and 34.4% in local terms.









MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.8%	-4.1%	16.2%
Consumer Discretionary	12.7%	-3.6%	31.7%
Consumer Staples	10.2%	-3.4%	9.0%
Energy	3.5%	8.7%	62.1%
Financials	17.2%	1.8%	44.5%
Health Care	12.7%	0.5%	9.7%
Industrials	15.8%	1.3%	28.1%
Information Technology	9.6%	5.0%	36.2%
Materials	7.3%	-5.7%	25.2%
Real Estate	2.9%	-3.1%	20.2%
Utilities	3.3%	-4.6%	4.4%
Total	100.0%	-0.4%	25.7%
MSCI – ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	6.3%	-9.9%	9.0%
Consumer Discretionary	12.7%	-11.5%	9.9%
Consumer Staples	8.5%	-3.4%	10.0%
Energy	4.9%	6.7%	55.0%
Financials	19.3%	1.1%	42.5%
Health Care	9.5%	-1.9%	10.1%
Industrials	12.2%	0.2%	27.9%
Information Technology	13.2%	-1.0%	36.7%
Materials	8.0%	-5.5%	27.1%
Real Estate	2.5%	-5.7%	12.7%
Utilities	3.0%	-1.9%	10.5%
Total	100.0%	-3.0%	23.9%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	10.3%	-15.1%	1.9%
Consumer Discretionary	14.7%	-22.9%	-16.9%
Consumer Staples	5.9%	-4.4%	13.4%
Energy	5.9%	9.1%	44.5%
Financials	19.5%	1.0%	35.0%
Health Care	5.0%	-13.0%	12.9%
Industrials	4.9%	-6.5%	31.9%
Information Technology	20.9%	-5.9%	37.3%
Materials	8.7%	-4.8%	46.1%
Real Estate	2.1%	-14.2%	-9.4%
Utilities	2.3%	7.4%	35.2%
Total	100.0%	-8.1%	18.2%

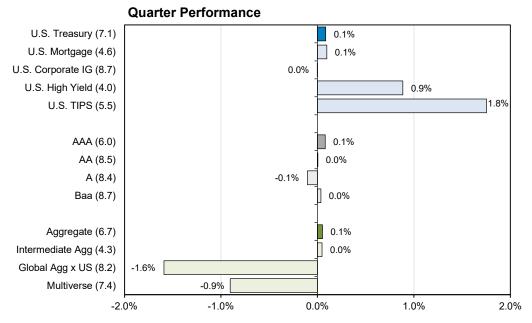
	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	24.2%	15.3%	4.6%	22.1%
United Kingdom	14.4%	9.1%	-0.3%	31.2%
France	11.2%	7.1%	-2.0%	34.3%
Switzerland	9.5%	6.0%	-3.3%	14.5%
Germany	9.1%	5.8%	-4.3%	16.5%
Australia	6.9%	4.4%	-3.0%	31.7%
Netherlands	4.8%	3.1%	3.4%	46.0%
Sweden	3.7%	2.3%	-2.2%	31.4%
Hong Kong	3.0%	1.9%	-9.4%	15.0%
Denmark	2.6%	1.7%	2.6%	28.3%
Italy	2.5%	1.6%	-1.1%	33.4%
Spain	2.4%	1.5%	-3.3%	31.4%
Singapore	1.2%	0.7%	0.0%	30.0%
Finland	1.0%	0.7%	-3.1%	16.6%
Belgium	0.9%	0.6%	-5.6%	18.8%
Ireland	0.7%	0.5%	0.0%	21.8%
Norway	0.7%	0.4%	5.2%	45.4%
Israel	0.6%	0.4%	2.8%	28.4%
New Zealand	0.2%	0.4%	1.8%	-2.3%
Austria	0.2%	0.1%	10.4%	98.2%
Portugal	0.2%	0.1%	3.6%	19.5%
Total EAFE Countries	100.0%	63.3%	-0.4%	25.7%
Canada	100.0%	7.1%	-0.4% -2.5%	33.9%
Total Developed Countries		7.1%	-2.5%	26.5%
China		70.4% 10.1%	-18.2%	-7.3%
Taiwan		4.4%	-18.2%	43.3%
Korea				
India		3.7%	-13.2%	27.8%
		3.6%	12.6%	53.1%
Brazil Russia		1.3% 1.2%	-20.2% 9.5%	21.0% 59.4%
Saudi Arabia		1.2%	9.5% 8.2%	
South Africa			-5.8%	47.7% 27.2%
Mexico		0.9% 0.6%	1.4%	51.1%
Thailand		0.5%	-3.6%	20.1%
Indonesia		0.4%	9.4%	26.4%
Malaysia		0.4%	0.2%	1.4%
United Arab Emirates		0.2%	6.4%	50.6%
Poland		0.2%	1.2%	29.5%
Qatar		0.2%	7.3%	15.0%
Philippines		0.2%	-3.6%	13.3%
Kuwait		0.2%	9.0%	27.8%
Chile		0.1%	-7.8%	18.7%
Hungary		0.1%	7.7%	72.8%
Turkey		0.1%	1.9%	5.2%
Argentina		0.1%	22.1%	47.2%
Colombia		0.1%	10.2%	31.7%
Peru		0.1%	-11.0%	-5.8%
Greece		0.1%	2.0%	30.4%
Czech Republic		0.0%	14.2%	85.2%
Egypt		0.0%	4.3%	-13.7%
Total Emerging Countries		29.5%	-8.1%	18.2%
Total ACWIxUS Countries		100.0%	-3.0%	23.9%

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

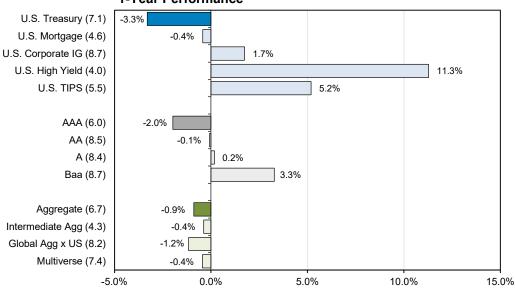
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- Fixed income market yields were broadly unchanged during the 3rd quarter.
   The Bloomberg US Aggregate Bond Index returned a muted 0.1% for the period.
- Digging deeper into bond market sectors, while the US Corporate Investment Grade Index return was largely unchanged (0.0%), lower quality High Yield benchmark delivered positive a positive return of 0.9%. High yield issues benefited from the asset category's overall shorter maturity profile and higher coupon rate.
- The outlier during the quarter was US TIPS issues, which returned 1.8%. Expectations for inflation to persist above the Fed's stated average target of 2.0% was the catalyst for the solid performance.
- Outside of domestic markets, the Bloomberg Global Aggregate ex US Index posted a -1.6% return for the quarter. A significant contributor to the global bond's index performance was UK issues. Interest rates in the UK moved higher during the period as the Bank of England began to message the potential for rate increases in the near future.
- Over the trailing 1-year period, returns of higher quality government and mortgage-backed bonds were disappointing. US Treasury bonds declined by -3.3% and the mortgage-backed benchmark returned a less negative -0.4%.
- In contrast, corporate bonds delivered solid performance, led by lower quality high yield bonds. The Bloomberg US Corporate IG Index returned 1.7% while the Blomberg US High Yield Bond Index returned a strong 11.3%.
- US TIPS continued to perform well for the trailing 1-year period with the index returning 5.2%. Persistent concerns about rising inflation acted as a tailwind for TIPS issues.



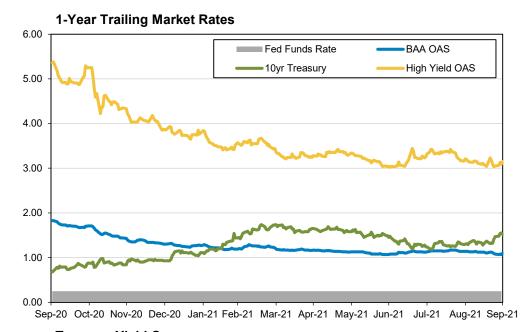
#### 1-Year Performance

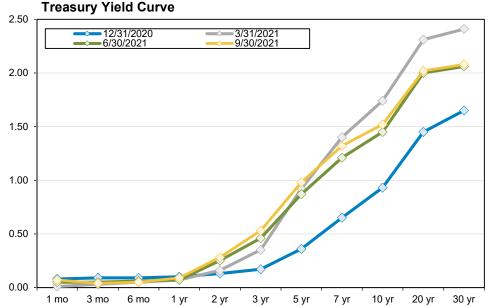


Source: Bloomberg



- The gray band across the graph represents the range of the Fed Funds Rate. Over the past year, the Fed's target rate range has remained unchanged at 0.00% to 0.25%. During its September meeting, the Federal Open Market Committee (FOMC) reiterated its commitment to keeping interest rates near zero while signaling that it would begin tapering its asset purchase program. Importantly, the Fed also indicated it would begin considering raising US interest rates in the near future.
- The yield on the US 10-year Treasury (green line) continued to rise during the year as the economy recovered. After reaching a high of 1.74% during the 1st quarter of 2021, interest rates have largely moved in a range-bound, sideways pattern.
- The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional yield premium investors require to purchase and hold non-Treasury investment grade issues. As the pace of the economic recovery quickened, spreads narrowed, indicating that investors remain comfortable owning credit as the probability of corporate defaults remains low. While nearly triple the BAA OAS, the High Yield OAS shows a similar willingness by investors to hold non-Treasury debt.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. Beginning in the 4th quarter of 2020, longer-term interest rates began to move higher as investors anticipated improving economic conditions. Interest rates peaked in the 1st quarter as economic growth surprised to the upside. Since then, longer-term US interest rates have remained relatively steady.





Source: US Department of Treasury, FRED (Federal Reserve of St. Louis)



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# **Putting clients first.**



#### **3Q21 EXECUTIVE SUMMARY**

#### **Market Summary:**

Economic growth in the US likely slowed during the 3rd quarter as the recovery continues to mature. The demand for workers continued to be strong and the unemployment rate declined to 4.8% in September. A variety of factors contributed to an increase in volatility in the US equity markets, including concerns related to the Delta variant, supply chain shortages, higher US interest rates, rising inflation, and fiscal policies in Washington. Stocks climbed to new all-time highs in early September only to give back those gains towards the end of the period; only large caps ended the quarter in positive territory. Despite the developed international equity markets posting positive results in local terms, US investors suffered additional losses as the dollar appreciated versus most currencies. Emerging markets dropped sharply on concerns related to increased regulatory oversight in China and the potential default of Evergrande, the largest Chinese property developer.

Despite the continued concerns related to rising inflation and potential changes in Fed policies, US interest rates were essentially unchanged during the quarter. The US 10-Year Treasury bond rose only 2 basis points (0.02%) for the quarter to close at a yield of 1.48%. Performance across most US bond market sectors was muted during the quarter and was driven largely by the Fed's messaging concerning the potential for beginning the process of raising interest rates in late-2022. Lower quality corporate bonds outperformed higher quality sectors during the quarter. The combination of larger relative coupons and shorter maturity profiles acted as tailwinds for lower quality during the period.

#### Conclusions/Recommendations:

- 1. The Total Fund gained 0.10% during the quarter, slightly above the Policy Index, and ranking in the top third in the All Master Trust Universe and in the top decile of the Master Trust >70% Equity Median. The Fund benefited from exposure to domestic large cap equities and strong performance from active managers in mid and small caps, fixed income and real estate.
- 2. For the year, the Total Fund returned 22.94%, slightly outperforming the Policy Index and ranking in the top quartile. The Fund continues to perform well relative to expectations.
- 3. The Fund's largest position (31% of the portfolio) in the Northern Trust Russell 1000 Index was up 0.22% for the quarter in line with the index.
- 4. All of the domestic equity active managers (Champlain, T Rowe Price and Summit Creek) outperformed their benchmarks for the quarter and ranked at nearly the top of their respective universes. Champlain and Summit Creek both benefited from stock selection in Technology and Healthcare. T Rowe Price benefited from stock selection in Technology and Financials.
- 5. All three international equity portfolios underperformed for the quarter mostly due to an overweight to China and Technology and underweights to Energy. For the rolling one-year period, MFS and Vanguard have outperformed their benchmarks.
- 6. Schroder outperformed its benchmark for the quarter as a result of the portfolio's corporate credit exposure.
- 7. The real estate portfolio returned 7.33% for the quarter, above the NCREIF ODCE Index return of 6.75%. Both funds reported significant appreciation during the quarter with PRISA gaining 6.70% and Principal up 5.28% in value.
- 8. At quarter end the Fund was close to its allocation targets and within policy ranges.



1 Quarter Ending September 30, 2021

1 Quarter				
	Market Value	Net Flows	Return On	Market Value
	07/01/2021	Net Flows	Investment	09/30/2021
Employees' Total Fund	613,783,758	-269,033	625,671	614,140,396
. ,	, ,	,	,	, ,
Total Domestic Equity	292,978,291	-2,880,939	1,954,316	292,051,668
NTGI R1000 Index Fund	194,240,025	-2,770,000	422,818	191,892,843
Champlain Mid Cap	32,110,158	-66,577	1,065,472	33,109,053
NTGI S&P 400	29,943,197	-	-527,841	29,415,356
T Rowe Price	18,525,885	-	272,963	18,798,848
Summit Creek	18,159,025	-44,362	720,905	18,835,568
Total International Equity	135,000,607		-4,405,516	130,595,091
Templeton	50,267,843	-	-1,488,293	48,779,551
MFS	51,700,820	-	-93,689	51,607,131
International Emerging Equity				
Vanguard EM	33,031,943	-	-2,823,534	30,208,409
Total Domestic Fixed Income	148,037,241	-54,877	161,798	148,144,162
Schroder Intermediate Duration	104,864,422	-54,877	145,177	104,954,722
NTGI Government / Credit	43,172,819	-	16,621	43,189,440
Total Real Estate	37,763,048	2,666,861	2,915,072	43,344,981
PGIM	26,616,107	706,619	2,068,409	29,391,136
Principal Enhanced Property Fund, LP	11,146,940	1,960,242	846,663	13,953,845
Cash	4,571	-78	1	4,494



Fiscal Year To Date				
	Market Value	Net Flows	Return On	Market Value
	01/01/2021	NGC 1 IOWS	Investment	09/30/2021
Employees' Total Fund	562,122,093	-817,570	52,835,874	614,140,396
Total Domestic Equity	272,737,317	-23,133,763	42,448,114	292,051,668
NTGI R1000 Index Fund	175,126,564	-9,301,954	26,068,233	191,892,843
Champlain Mid Cap	30,540,946	-2,691,386	5,259,494	33,109,053
NTGI S&P 400	30,070,919	-5,253,766	4,598,204	29,415,356
T Rowe Price	18,125,671	-2,750,000	3,423,177	18,798,848
Summit Creek	18,873,218	-3,136,657	3,099,006	18,835,568
Total International Equity	125,138,404	-1,000,000	6,456,687	130,595,091
Templeton	41,396,446	5,000,000	2,383,105	48,779,551
MFS	52,801,877	-5,000,000	3,805,254	51,607,131
International Emerging Equity				
Vanguard EM	30,940,081	-1,000,000	268,328	30,208,409
Total Domestic Fixed Income	128,665,705	20,837,387	-1,358,930	148,144,162
Schroder Intermediate Duration	92,753,610	12,842,154	-641,043	104,954,722
NTGI Government / Credit	35,912,095	7,995,232	-717,887	43,189,440
Total Real Estate	35,576,112	2,478,884	5,289,984	43,344,981
PGIM	25,200,178	581,178	3,609,779	29,391,136
Principal Enhanced Property Fund, LP	10,375,934	1,897,707	1,680,205	13,953,845
Cash	4,554	-78	18	4,494



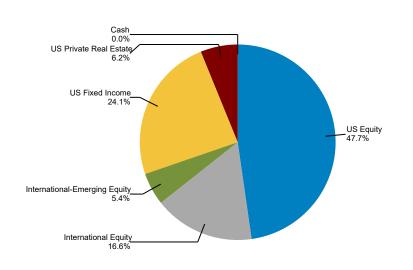
1 Year				
	Market Value	Net Flows	Return On	Market Value
	10/01/2020	Net i lows	Investment	09/30/2021
Employees' Total Fund	513,484,288	-15,530,006	116,186,114	614,140,396
Total Domestic Equity	245,695,929	-37,703,251	84,058,991	292,051,668
Cooke & Bieler	58,892	-40,340	-18,551	-
Sawgrass	28,343	-85,405	57,062	-
NTGI R1000 Index Fund	159,494,916	-15,142,538	47,540,464	191,892,843
Champlain Mid Cap	27,139,407	-4,249,229	10,218,875	33,109,053
NTGI S&P 400	26,202,794	-7,756,059	10,968,621	29,415,356
T Rowe Price	15,326,490	-4,250,000	7,722,358	18,798,848
Summit Creek	17,445,087	-6,179,681	7,570,162	18,835,568
Total International Equity	105,152,713	-1,000,000	26,442,378	130,595,091
Templeton	33,746,633	5,000,000	10,032,918	48,779,551
MFS	46,330,245	-5,000,000	10,276,886	51,607,131
International Emerging Equity				
Vanguard EM	25,075,835	-1,000,000	6,132,574	30,208,409
Total Domestic Fixed Income	127,567,594	20,783,641	-207,073	148,144,162
Schroder Intermediate Duration	91,951,765	12,791,525	211,431	104,954,722
NTGI Government / Credit	35,615,829	7,992,116	-418,505	43,189,440
Total Real Estate	35,066,567	2,386,630	5,891,784	43,344,981
PGIM	24,895,600	519,739	3,975,796	29,391,136
Principal Enhanced Property Fund, LP	10,170,967	1,866,891	1,915,987	13,953,845
Cash	1,484	2,975	35	4.494



Asset Allocation Attributes														
	Domestic	Equity	Internation	nal Equity	Emergin	g Equity	Domesti Inco		Real E	state	Cash Eq	uivalent	Total	Fund
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Employees' Total Fund	290,763	47.3	100,387	16.3	30,208	4.9	146,314	23.8	42,952	7.0	3,517	0.6	614,140	100.0
Total Domestic Equity	290,763	99.6	-	-	-	-	-	-	-	-	1,288	0.4	292,052	47.6
NTGI R1000 Index Fund	191,712	99.9	-	-	-	-	-	-	-	-	181	0.1	191,893	31.2
Champlain Mid Cap	32,653	98.6	-	-	-	-	-	-	-	-	457	1.4	33,109	5.4
NTGI S&P 400	29,415	100.0	-	-	-	-	-	-	-	-	-	-	29,415	4.8
T Rowe Price	18,799	100.0	-	-	-	-	-	-	-	-	-	-	18,799	3.1
Summit Creek	18,185	96.5	-	-	-	-	-	-	-	-	651	3.5	18,836	3.1
Total International Equity	-	-	100,387	76.9	30,208	23.1	-	-	-	-	-	-	130,595	21.3
Templeton	-	-	48,780	100.0	-	-	-	-	-	-	-	-	48,780	7.9
MFS	-	-	51,607	100.0	-	-	-	-	-	-	-	-	51,607	8.4
International Emerging Equity														
Vanguard EM	-	-	-	-	30,208	100.0	-	-	-	-	-	-	30,208	4.9
Total Domestic Fixed Income	-	-	-	-	-	-	146,314	98.8	-	-	1,830	1.2	148,144	24.1
Schroder Intermediate Duration	-	-	-	-	-	-	103,125	98.3	-	-	1,830	1.7	104,955	17.1
NTGI Government / Credit	-	-	-	-	-	-	43,189	100.0	-	-	-	-	43,189	7.0
Total Real Estate	-	-	-	-	-	-	-	-	42,952	99.1	393	0.9	43,345	7.1
PGIM	-	-	-	-	-	-	-	-	29,391	100.0	-	-	29,391	4.8
Principal Enhanced Property Fund, LP	-	-	-	-	-	-	-	-	13,560	97.2	393	2.8	13,954	2.3
Cash	-	-	-	-	-	-	-	-	-	-	4	100.0	4	0.0

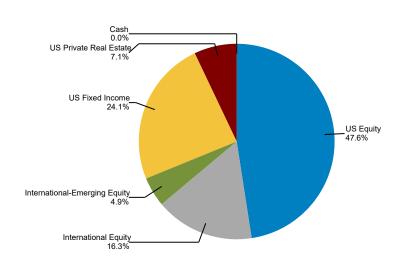


June 30, 2021 : \$613,783,758



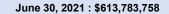
Allocation		
	Market Value	Allocation
■ US Equity	292,978,291	47.7
■ International Equity	101,968,664	16.6
■ International-Emerging Equity	33,031,943	5.4
US Fixed Income	148,037,241	24.1
■ US Private Real Estate	37,763,048	6.2
■ Cash	4,571	0.0

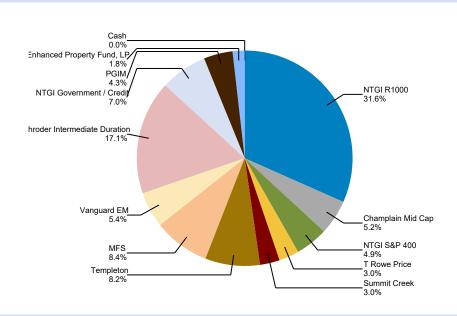
### September 30, 2021 : \$614,140,396



Allocation			
	Market Value	Allocation	
■ US Equity	292,051,668	47.6	
■ International Equity	100,386,682	16.3	
International-Emerging Equity	30,208,409	4.9	
US Fixed Income	148,144,162	24.1	
■ US Private Real Estate	43,344,981	7.1	
■ Cash	4,494	0.0	

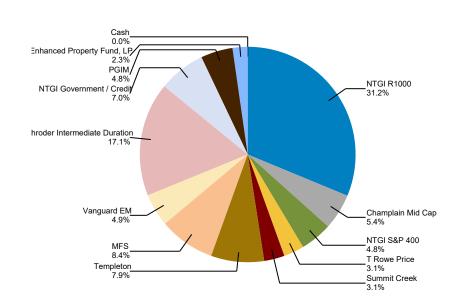






Allocation		
	Market Value	Allocation
■ NTGI R1000	194,240,025	31.6
■ Champlain Mid Cap	32,110,158	5.2
■ NTGI S&P 400	29,943,197	4.9
■ T Rowe Price	18,525,885	3.0
■ Summit Creek	18,159,025	3.0
■ Templeton	50,267,843	8.2
■ MFS	51,700,820	8.4
Vanguard EM	33,031,943	5.4
Schroder Intermediate Duration	104,864,422	17.1
NTGI Government / Credit	43,172,819	7.0
■ PGIM	26,616,107	4.3
Principal Enhanced Property Fund, LP	11,146,940	1.8
■ Cash	4,571	0.0

#### September 30, 2021 : \$614,140,396

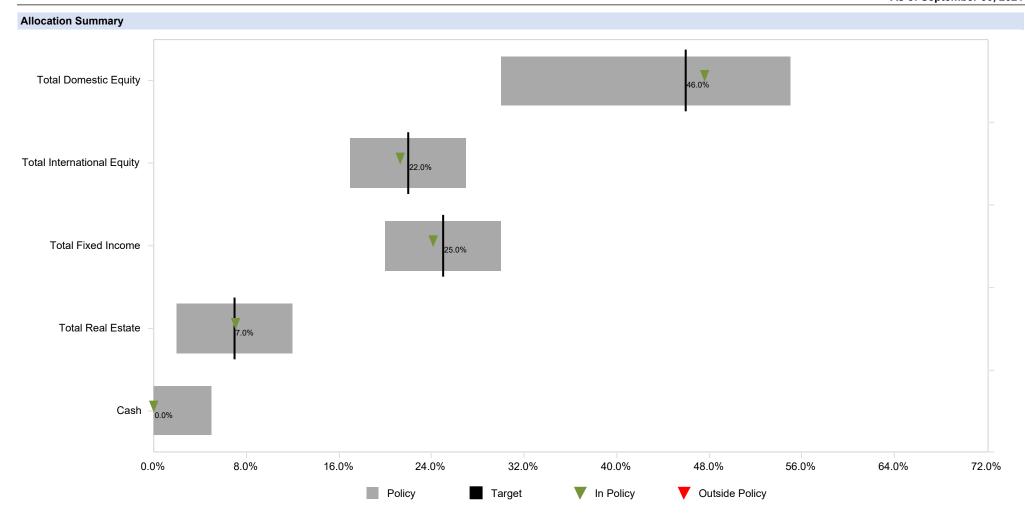


	Market Value	Allocation
NTGI R1000	191,892,843	31.2
Champlain Mid Cap	33,109,053	5.4
■ NTGI S&P 400	29,415,356	4.8
T Rowe Price	18,798,848	3.1
Summit Creek	18,835,568	3.1
Templeton	48,779,551	7.9
MFS	51,607,131	8.4
■ Vanguard EM	30,208,409	4.9
Schroder Intermediate Duration	104,954,722	17.1
NTGI Government / Credit	43,189,440	7.0
PGIM	29,391,136	4.8
Principal Enhanced Property Fund, LP	13,953,845	2.3
Cash	4,494	0.0



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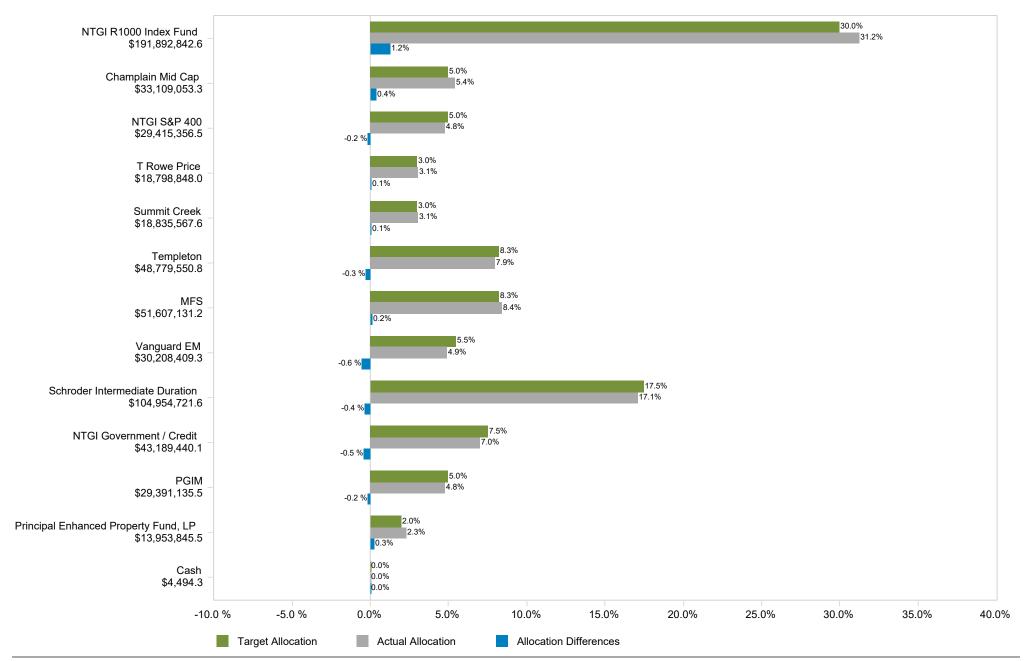


Asset Allocation Compliand	ce						
	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Employee's Total Fund	614,140,396	100.0		100.0		-	0.0
Total Domestic Equity	292,051,668	47.6	30.0	46.0	55.0	-9,547,086	1.6
Total International Equity	130,595,091	21.3	17.0	22.0	27.0	4,515,796	-0.7
Total Fixed Income	148,144,162	24.1	20.0	25.0	30.0	5,390,937	-0.9
Total Real Estate	43,344,981	7.1	2.0	7.0	12.0	-355,153	0.1
Cash	4,494	0.0	0.0	0.0	5.0	-4,494	0.0



Asset Allocation Compliance					
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Target Rebal. (\$000)	Differences (%)
Employee's Total Fund	614,140,396	100.0	100.0	-	0.0
Total Equity	422,646,759	68.8	68.0	-5,031,290	0.8
Total Domestic Equity	292,051,668	47.6	46.0	-9,547,086	1.6
NTGI R1000 Index Fund	191,892,843	31.2	30.0	-7,650,724	1.2
Champlain Mid Cap	33,109,053	5.4	5.0	-2,402,033	0.4
NTGI S&P 400	29,415,356	4.8	5.0	1,291,663	-0.2
T Rowe Price	18,798,848	3.1	3.0	-374,636	0.1
Summit Creek	18,835,568	3.1	3.0	-411,356	0.1
Total International Equity	130,595,091	21.3	22.0	4,515,796	-0.7
Templeton	48,779,551	7.9	8.3	1,887,032	-0.3
MFS	51,607,131	8.4	8.3	-940,549	0.2
Vanguard EM	30,208,409	4.9	5.5	3,569,313	-0.6
Total Fixed Income	148,144,162	24.1	25.0	5,390,937	-0.9
Total Domestic Fixed Income	148,144,162	24.1	25.0	5,390,937	-0.9
Schroder Intermediate Duration	104,954,722	17.1	17.5	2,519,848	-0.4
NTGI Government / Credit	43,189,440	7.0	7.5	2,871,090	-0.5
Total Real Estate	43,344,981	7.1	7.0	-355,153	0.1
PGIM	29,391,136	4.8	5.0	1,315,884	-0.2
Principal Enhanced Property Fund, LP	13,953,845	2.3	2.0	-1,671,038	0.3
Cash	4,494	0.0	0.0	-4,494	0.0







	Q.	TR	FY	TD	1`	YR	3 '	YR	5 `	YR	10	YR
Employees' Total Fund	0.10	(35)	9.40	(22)	22.94	(13)	10.93	(27)	11.25	(13)	11.32	(7)
Sioux Falls Total Policy	-0.50	(77)	8.66	(31)	22.18	(17)	10.87	(29)	11.09	(15)	11.04	(11)
All Master Trust - Total Fund Median	-0.07		7.33		17.69		9.78		9.32		9.09	
Employee's Total Fund	0.10	(9)	9.40	(42)	22.94	(37)	10.93	(66)	11.25	(43)	11.32	(26)
Sioux Falls Total Policy	-0.50	(30)	8.66	(59)	22.18	(45)	10.87	(67)	11.09	(45)	11.04	(33)
Master Trust >=70% Equity Median	-0.84		9.04		21.98		11.45		10.90		10.74	
Total Domestic Equity	0.67	(N/A)	16.19	(N/A)	35.98	(N/A)	15.48	(N/A)	16.69	(N/A)	16.13	(N/A)
Russell 3000 Index	-0.10	(N/A)	14.99	(N/A)	31.88	(N/A)	16.00	(N/A)	16.85	(N/A)	16.60	(N/A)
All Master Trust-US Equity Segment Median	N/A											
NTGI R1000 Index Fund	0.22	(49)	15.22	(57)	30.98	(52)	N/A		N/A		N/A	
Russell 1000 Index	0.21	(58)	15.19	(64)	30.96	(52)	16.43	(29)	17.11	(28)	16.76	(23)
IM U.S. Large Cap Index Equity (SA+CF) Median	0.21		15.63		30.98		16.01		16.89		16.64	
Champlain Mid Cap	3.32	(2)	18.34	(19)	40.03	(46)	N/A		N/A		N/A	
Russell Midcap Index	-0.93	(52)	15.17	(69)	38.11	(55)	14.22	(33)	14.39	(44)	15.52	(41)
IM U.S. Mid Cap Core Equity (SA+CF) Median	-0.90		15.54		39.30		12.27		13.09		14.99	
NTGI S&P 400	-1.76	(77)	15.52	(56)	43.68	(26)	11.15	(61)	13.01	(57)	14.80	(61)
S&P MidCap 400 Index	-1.76	(76)	15.52	(55)	43.68	(26)	11.08	(74)	12.97	(63)	14.72	(75)
IM U.S. Mid Cap Core Equity (SA+CF) Median	-0.90		15.54		39.30		12.27		13.09		14.99	
T Rowe Price	1.47	(2)	20.06	(78)	53.89	(87)	11.31	(13)	13.96	(9)	14.54	(13)
Russell 2000 Value Index	-2.98	(78)	22.92	(58)	63.92	(48)	8.58	(42)	11.03	(32)	13.22	(31)
IM U.S. Small Cap Value Equity (MF) Median	-2.08		23.63		63.54		8.20		10.04		12.59	
Summit Creek	3.98	(3)	17.63	(11)	48.28	(21)	20.34	(25)	23.41	(25)	N/A	
Russell 2000 Growth Index	-5.65	(92)	2.82	(84)	33.27	(79)	11.70	(85)	15.34	(86)	15.74	(86)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	-1.96		9.39		39.18		16.27		19.21		17.81	



	Q	TR	FY	TD	1 `	YR	3 '	YR	5 `	<b>Y</b> R	10	YR
Total International Equity	-3.26	(N/A)	5.11	(N/A)	25.09	(N/A)	7.57	(N/A)	8.89	(N/A)	8.05	(N/A)
MSCI AC World ex USA (Net)	-2.99	(N/A)	5.90	(N/A)	23.92	(N/A)	8.03	(N/A)	8.94	(N/A)	7.48	(N/A)
All Master Trust-Intl. Equity Segment Median	N/A		N/A									
Templeton	-2.96	(87)	5.52	(94)	29.44	(73)	2.69	(92)	5.54	(66)	6.21	(45)
MSCI EAFE Value Index (Net)	-0.97	(76)	9.61	(67)	30.66	(65)	3.04	(75)	5.96	(32)	5.97	(53)
IM International Large Cap Value Equity (MF) Median	-0.46		10.47		32.32		4.24		5.67		6.09	
MFS	-0.18	(12)	7.87	(16)	22.93	(31)	10.96	(57)	11.51	(38)	10.23	(18)
MSCI EAFE Growth Index (Net)	0.07	(9)	6.88	(30)	20.87	(46)	11.91	(46)	11.41	(40)	10.06	(23)
IM International Large Cap Growth Equity (MF) Median	-1.69		5.45		20.58		11.50		10.76		9.09	
Vanguard EM	-8.55	(65)	0.60	(45)	24.13	(27)	9.88	(45)	9.81	(35)	N/A	
MSCI Emerging Markets (Net) Index	-8.09	(58)	-1.25	(58)	18.20	(58)	8.58	(60)	9.23	(43)	6.09	(51)
IM Emerging Markets Equity (MF) Median	-7.51		-0.31		19.16		9.45		8.81		6.22	
Total Domestic Fixed Income	0.11	(N/A)	-1.09	(N/A)	-0.20	(N/A)	5.60	(N/A)	3.11	(N/A)	4.29	(N/A)
Blmbg. U.S. Aggregate Index	0.05	(N/A)	-1.56	(N/A)	-0.90	(N/A)	5.35	(N/A)	2.94	(N/A)	3.01	(N/A)
All Master Trust-US Fixed Income Segment Median	N/A		N/A									
Schroder Intermediate Duration	0.14	(24)	-0.70	(70)	0.22	(54)	5.52	(14)	3.36	(20)	3.89	(7)
Bloomberg Intermediate US Govt/Credit Idx	0.02	(74)	-0.87	(90)	-0.40	(91)	4.63	(69)	2.60	(86)	2.52	(87)
IM U.S. Intermediate Duration (SA+CF) Median	0.08		-0.46		0.28		4.87		2.95		2.99	
NTGI Government / Credit	0.04	(72)	-1.89	(95)	-1.06	(91)	5.99	(57)	3.28	(78)	3.27	(84)
Blmbg. U.S. Gov't/Credit	0.04	(74)	-1.93	(96)	-1.13	(93)	5.94	(60)	3.24	(79)	3.24	(84)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	0.11		-1.09		0.07		6.10		3.63		3.74	
Total Real Estate	7.33	(21)	14.51	(50)	16.47	(50)	8.34	(49)	8.44	(56)	10.46	(76)
NCREIF Fund Index-ODCE (EW) (Net)	6.75	(25)	13.51	(64)	14.83	(62)	6.84	(83)	7.07	(91)	9.22	(100)
IM U.S. Open End Private Real Estate (SA+CF) Median	6.05		14.44		16.42		8.31		8.58		10.70	
PGIM	7.77	(9)	14.37	(57)	16.06	(55)	8.29	(52)	8.34	(61)	10.41	(78)
NCREIF Fund Index-ODCE (EW) (Net)	6.75	(25)	13.51	(64)	14.83	(62)	6.84	(83)	7.07	(91)	9.22	(100)
IM U.S. Open End Private Real Estate (SA+CF) Median	6.05		14.44		16.42		8.31		8.58		10.70	
Principal Enhanced Property Fund, LP	6.44	(36)	15.00	(42)	17.67	(28)	8.52	(40)	N/A		N/A	
NCREIF Fund Index-ODCE (EW) (Net)	6.75	(25)	13.51	(64)	14.83	(62)	6.84	(83)	7.07	(91)	9.22	(100)
IM U.S. Open End Private Real Estate (SA+CF) Median	6.05		14.44		16.42		8.31		8.58		10.70	
Cash	0.01		0.02		0.03		1.13		1.09		N/A	
90 Day U.S. Treasury Bill	0.02		0.04		0.07		1.18		1.15		0.61	



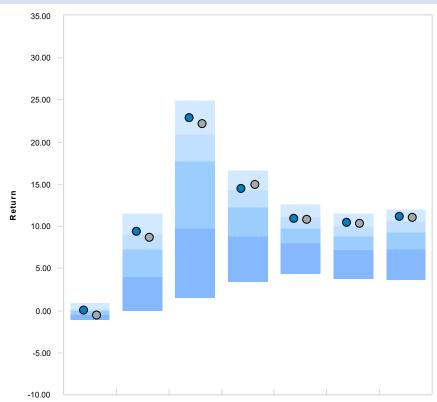
Comparative Performance										
	End	1 ear ding -2021	1 Ye End Sep-2	ar ing	End	1 ear ding -2019	Ye End Sep-	ar ling	Υe	1 ear ling 2017
Employees' Total Fund	22.94	(13)	6.75	(64)	4.02	(59)	9.17	(12)	14.33	(8)
Sioux Falls Total Policy	22.18	(17)	8.25	(45)	3.05	(77)	9.00	(13)	13.88	(11)
All Master Trust - Total Fund Median	17.69		7.84		4.43		6.09		11.21	
Employee's Total Fund	22.94	(37)	6.75	(71)	4.02	(26)	9.17	(36)	14.33	(51)
Sioux Falls Total Policy	22.18	(45)	8.25	(56)	3.05	(48)	9.00	(39)	13.88	(59)
Master Trust >=70% Equity Median	21.98		8.60		2.99		8.56		14.38	
Total Domestic Equity	35.98	(N/A)	9.26	(65)	3.66	(25)	17.40	(33)	19.67	(26)
Russell 3000 Index	31.88	(N/A)	15.00	(26)	2.92	(36)	17.58	(30)	18.71	(46)
All Master Trust-US Equity Segment Median	N/A		11.34		2.18		16.34		18.62	
NTGI R1000 Index Fund	30.98	(52)	N/A		N/A		N/A		N/A	
Russell 1000 Index	30.96	(52)	16.01	(23)	3.87	(55)	17.76	(47)	18.54	(71)
IM U.S. Large Cap Index Equity (SA+CF) Median	30.98		15.11		3.90		17.75		18.62	
Champlain Mid Cap	40.03	(46)	17.74	(5)	N/A		N/A		N/A	
Russell Midcap Index	38.11	(55)	4.55	(34)	3.19	(26)	13.98	(60)	15.32	(79)
IM U.S. Mid Cap Core Equity (SA+CF) Median	39.30		0.63		-2.42		14.20		17.50	
NTGI S&P 400	43.68	(26)	-2.11	(61)	-2.36	(47)	14.29	(45)	17.44	(55)
S&P MidCap 400 Index	43.68	(26)	-2.16	(72)	-2.49	(66)	14.21	(49)	17.52	(46)
IM U.S. Mid Cap Core Equity (SA+CF) Median	39.30		0.63		-2.42		14.20		17.50	
T Rowe Price	53.89	(87)	-6.58	(11)	-4.09	(11)	12.70	(13)	23.67	(13)
Russell 2000 Value Index	63.92	(48)	-14.88	(50)	-8.24	(31)	9.33	(45)	20.55	(23)
IM U.S. Small Cap Value Equity (MF) Median	63.54	•	-14.93		-9.75	, ,	8.75	• •	18.07	• •
Summit Creek	48.28	(21)	24.33	(39)	-5.47	(45)	34.84	(17)	21.81	(44)
Russell 2000 Growth Index	33.27	(79)	15.71	(60)	-9.63	(69)	21.06	(78)	20.98	(55)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	39.18		20.15		-6.34		27.72		21.31	

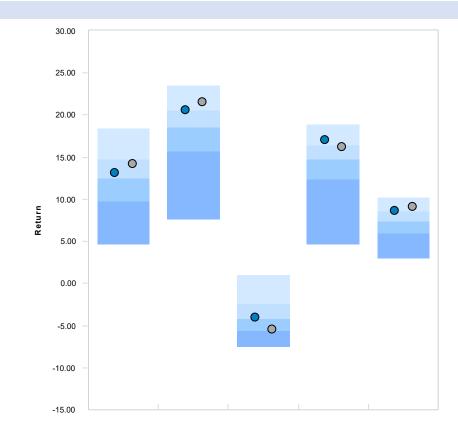


	Ye End	1 ear ding -2021	1 Ye End Sep-2	ar ing	Υe	1 ear ling 2019	1 Ye End Sep∹	ar ling	Ye Enc Sep-	ar ling
Total International Equity	25.09	(N/A)	1.35	(79)	-1.81	(71)	2.09	(59)	20.48	(38)
MSCI AC World ex USA (Net)	23.92	(N/A)	3.00	(66)	-1.23	(61)	1.76	(66)	19.61	(52)
All Master Trust-Intl. Equity Segment Median	N/A		4.07		-0.71		2.39		19.73	
Templeton Templeton	29.44	(73)	-7.10	(47)	-9.94	(100)	1.00	(11)	19.74	(61)
MSCI EAFE Value Index (Net)	30.66	(65)	-11.93	(67)	-4.92	(27)	-0.36	(32)	22.55	(1)
IM International Large Cap Value Equity (MF) Median	32.32		-7.46		-6.29		-1.58		20.13	
MFS	22.93	(31)	6.28	(81)	4.56	(22)	4.65	(32)	20.59	(10)
MSCI EAFE Growth Index (Net)	20.87	(46)	13.44	(48)	2.21	(34)	5.85	(25)	15.68	(75)
IM International Large Cap Growth Equity (MF) Median	20.58		13.05		0.81		2.28		17.85	
Vanguard EM	24.13	(27)	5.21	(72)	1.57	(40)	-1.76	(32)	22.54	(38)
MSCI Emerging Markets (Net) Index	18.20	(58)	10.54	(47)	-2.02	(70)	-0.81	(24)	22.46	(38)
IM Emerging Markets Equity (MF) Median	19.16		10.12		0.31		-3.95		21.12	
Total Domestic Fixed Income	-0.20	(N/A)	8.10	(39)	9.14	(57)	-1.33	(73)	0.31	(74)
Blmbg. U.S. Aggregate Index	-0.90	(N/A)	6.98	(56)	10.30	(37)	-1.22	(70)	0.07	(80)
All Master Trust-US Fixed Income Segment Median	N/A		7.27		9.46		-0.55		1.30	
Schroder Intermediate Duration	0.22	(54)	8.18	(3)	8.38	(21)	-0.62	(75)	1.02	(30)
Bloomberg Intermediate US Govt/Credit Idx	-0.40	(91)	6.32	(60)	8.17	(40)	-0.96	(95)	0.23	(87)
IM U.S. Intermediate Duration (SA+CF) Median	0.28		6.46		8.02		-0.39		0.69	
NTGI Government / Credit	-1.06	(91)	8.05	(33)	11.37	(7)	-1.29	(95)	0.00	(91)
Blmbg. U.S. Gov't/Credit	-1.13	(93)	8.03	(34)	11.32	(8)	-1.37	(97)	-0.01	(91)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	0.07		7.52		10.43		-0.74		0.63	
Total Real Estate	16.47	(50)	2.39	(35)	6.62	(66)	9.17	(48)	8.00	(50)
NCREIF Fund Index-ODCE (EW) (Net)	14.83	(62)	0.89	(73)	5.26	(77)	7.89	(73)	6.93	(67)
IM U.S. Open End Private Real Estate (SA+CF) Median	16.42		1.76		6.80		9.01		7.96	
PGIM	16.06	(55)	2.40	(35)	6.86	(49)	8.80	(58)	8.00	(50)
NCREIF Fund Index-ODCE (EW) (Net)	14.83	(62)	0.89	(73)	5.26	(77)	7.89	(73)	6.93	(67)
IM U.S. Open End Private Real Estate (SA+CF) Median	16.42		1.76		6.80		9.01		7.96	
Principal Enhanced Property Fund, LP	17.67	(28)	2.45	(34)	6.00	(71)	N/A		N/A	
NCREIF Fund Index-ODCE (EW) (Net)	14.83	(62)	0.89	(73)	5.26	(77)	7.89	(73)	6.93	(67)
IM U.S. Open End Private Real Estate (SA+CF) Median	16.42		1.76		6.80		9.01		7.96	



# Peer Group Analysis - All Master Trust - Total Fund



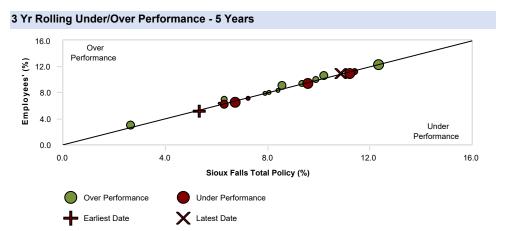


	QT	R	FY	ΓD	1 Y	'R	2 Y	'R	3 Y	R	4 Y	'R	5 Y	R	
<ul><li>Employees'</li></ul>	0.10	(35)	9.40	(22)	22.94	(13)	14.56	(22)	10.93	(27)	10.49	(19)	11.25	(13)	
<ul><li>Sioux Falls Policy</li></ul>	-0.50	(77)	8.66	(31)	22.18	(17)	15.00	(17)	10.87	(29)	10.40	(20)	11.09	(15)	
Median	-0.07		7 33		17 69		12 26		9 78		8 87		0 32		

	2020	2019	2018	2017	2016
<ul><li>Employees'</li></ul>	13.14 (42)	20.62 (25)	-3.97 (46)	17.14 (16)	8.74 (21)
O Sioux Falls Policy	14.28 (30)	21.60 (16)	-5.37 (71)	16.29 (27)	9.17 (15)
Median	12.44	18.55	-4.21	14.77	7.39

Comparative Performance						
	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr
	Ending	Ending	Ending	Ending	Ending	Ending
	Jun-2021	Mar-2021	Dec-2020	Sep-2020	Jun-2020	Mar-2020
Employees'	5.41 (45)	3.68 (28)	12.37 (10)	4.70 (53)	13.61 (28)	-15.36 (80)
Sioux Falls Total Policy	5.16 (54)	3.85 (24)	12.44 (9)	5.20 (39)	14.57 (17)	-15.67 (83)
All Master Trust - Total Fund Median	5.25	2.73	9.49	4.82	11.84	-12.49





#### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 6/17 6/18 12/18 6/19 12/19 6/20 12/20 9/21 12/16 12/17

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
<ul><li>Employees'</li></ul>	20	15 (75%)	5 (25%)	0 (0%)	0 (0%)
<ul> <li>Sioux Falls Policy</li> </ul>	20	16 (80%)	3 (15%)	1 (5%)	0 (0%)

#### Peer Group Scattergram - 3 Years 11.40 11.02 $\bigcirc$ Return (%) 10.64 10.26 9.88 9.50 9.92 10.54 11.16 11.78 12.40 13.02 13.64 14.26 Risk (Standard Deviation %)

Pee	r Group Scat	tergram - 5	Years					
	11.97				_			
(%) u	11.34 <i>-</i> 10.71 <i>-</i>						0	
Return	10.08 -							
	9.45 8.82		1	1	I		1	
	8.40	8.82	9.24	9.66	10.08	10.50	10.92	11.34
			F	Risk (Standard I	Deviation %)			

	Return	Standard Deviation
<ul><li>Employees'</li></ul>	10.93	12.68
<ul><li>Sioux Falls Policy</li></ul>	10.87	13.37
Median	9.78	10.68

	Return	Standard Deviation
<ul><li>Employees'</li></ul>	11.25	10.22
<ul><li>Sioux Falls Policy</li></ul>	11.09	10.76
Median	9.32	8.71

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	1.41	97.00	94.65	0.60	-0.02	0.78	0.94	8.40
Sioux Falls Policy	0.00	100.00	100.00	0.00	N/A	0.75	1.00	8.75
Historical Statistic	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	1.22	97.86	94.20	0.70	0.07	0.98	0.95	6.71
Sioux Falls Policy	0.00	100.00	100.00	0.00	N/A	0.92	1.00	6.97







9/21

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

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

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>Employees'</li></ul>	20	6 (30%)	11 (55%)	3 (15%)	0 (0%)	
<ul> <li>Sioux Falls Policy</li> </ul>	20	5 (25%)	11 (55%)	4 (20%)	0 (0%)	

12/18

6/19

12/19

0.95

1.00

6/20

12/20

#### Peer Group Scattergram - 3 Years 11.60 Return (%) 11.20 11.00 $\bigcirc$ 10.60 12.88 12.32 12.60 13.16 13.44 13.72 14.00 14.28 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Peer G	roup Scatter	gram - 5 Ye	ars
44	40		

0.07

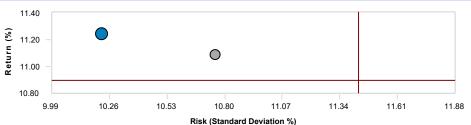
N/A

6/17

12/16

12/17

6/18



	Return	Standard Deviation
<ul><li>Employees'</li></ul>	10.93	12.68
<ul><li>Sioux Falls Policy</li></ul>	10.87	13.37
Median	11.45	13.88

97.86

100.00

94.20

100.00

	Return	Standard Deviation
<ul><li>Employees'</li></ul>	11.25	10.22
<ul><li>Sioux Falls Policy</li></ul>	11.09	10.76
Median	10.90	11.43

0.98

0.92

<b>Historical Statistic</b>	s - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Employees'	1.41	97.00	94.65	0.60	-0.02	0.78	0.94	8.40
Sioux Falls Policy	0.00	100.00	100.00	0.00	N/A	0.75	1.00	8.75
Historical Statistic	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk

0.70

0.00



6.71

6.97

Employees'

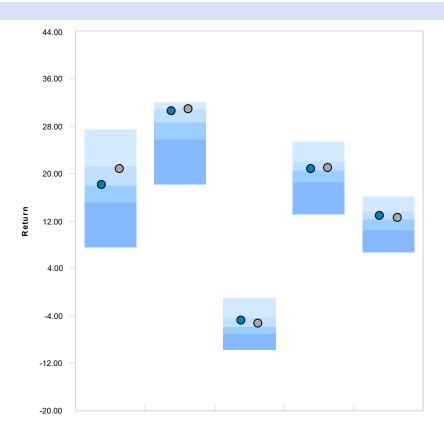
Sioux Falls Policy

1.22

0.00

## Peer Group Analysis - All Master Trust-US Equity Segment

No data found.

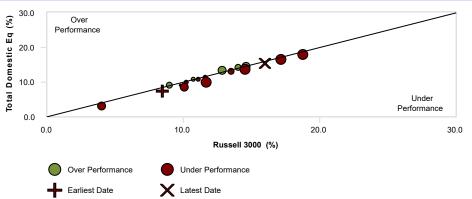


	2020	2019	2018	2017	2016	
<ul><li>Total Domestic Eq</li></ul>	18.18 (49)	30.75 (28)	-4.69 (29)	20.87 (48)	12.94 (39)	
O Russell 3000	20.89 (29)	31.02 (22)	-5.24 (42)	21.13 (43)	12.74 (41)	
Median	18.13	28.69	-5.83	20.64	12.33	

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Total Domestic Eq	7.70 (52)	7.17 (36)	17.04 (23)	7.97 (52)	21.78 (40)	-23.20 (75)
Russell 3000	8.24 (33)	6.35 (58)	14.68 (58)	9.21 (16)	22.03 (35)	-20.90 (46)
All Master Trust-US Equity Segment Median	7.72	6.61	15.05	8.00	20.98	-21.19



# 3 Yr Rolling Under/Over Performance - 5 Years



#### 3 Yr Rolling Percentile Ranking - 5 Years

No data found.

#### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
<ul><li>Total Domestic Eq</li></ul>	15.48	19.78
Russell 3000	16.00	19.40
Median	N/A	N/A

#### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
<ul><li>Total Domestic Eq</li></ul>	16.69	15.97
<ul><li>Russell 3000</li></ul>	16.85	15.69
Median	N/A	N/A

#### **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Eq	2.34	99.46	100.85	-0.57	-0.15	0.77	1.01	13.29
Russell 3000	0.00	100.00	100.00	0.00	N/A	0.80	1.00	12.67

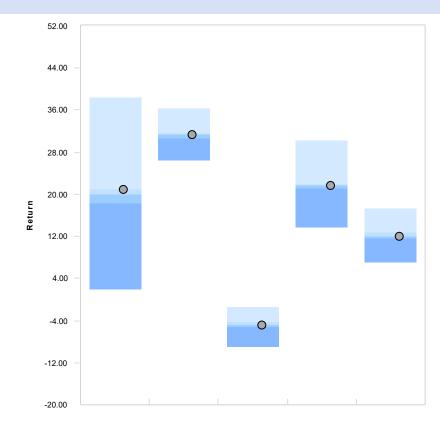
#### **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Eq	2.11	99.75	100.07	-0.23	-0.04	0.98	1.01	10.51
Russell 3000	0.00	100.00	100.00	0.00	N/A	1.00	1.00	10.04



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



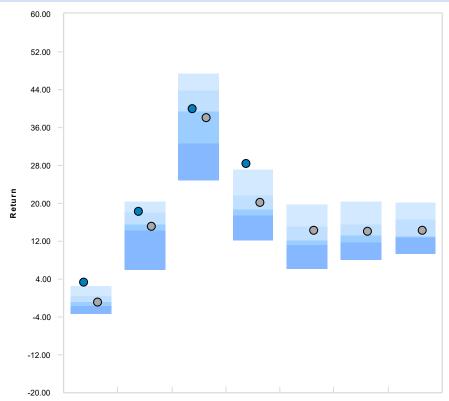


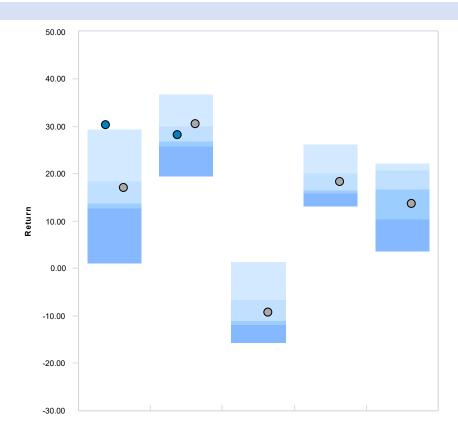
	QT	R FY	ΓD 1 Y	/R 2 Y	R 31	′R 4 Y	R 5 YR		2020	2019	2018	2017	2016
NTGI R1000 Index	0.22	(49) 15.22	(57) 30.98	(52) N/A	N/A	N/A	N/A	NTGI R1000 Index	N/A	N/A	N/A	N/A	N/A
O Russell 1000 Index	0.21	(58) 15.19	(64) 30.96	(52) 23.26	(27) 16.43	(29) 16.76	(29) 17.11 (28)	O Russell 1000 Index	20.96 (23)	31.43 (47)	-4.78 (56)	21.69 (53)	12.05 (46)
Median	0.21	15.63	30.98	22.98	16.01	16.46	16.89	Median	19.90	31.41	-4.76	21.72	12.02

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
NTGI R1000 Index	8.51 (52)	5.94 (71)	13.67 (47)	N/A	N/A	N/A
Russell 1000 Index	8.54 (37)	5.91 (80)	13.69 (44)	9.47 (21)	21.82 (36)	-20.22 (56)
IM U.S. Large Cap Index Equity (SA+CF) Median	8.51	6.19	13.44	9.06	20.89	-20.20



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



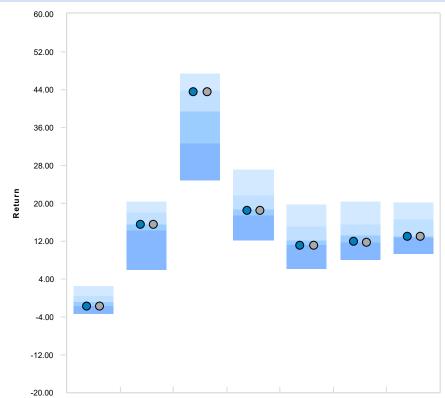


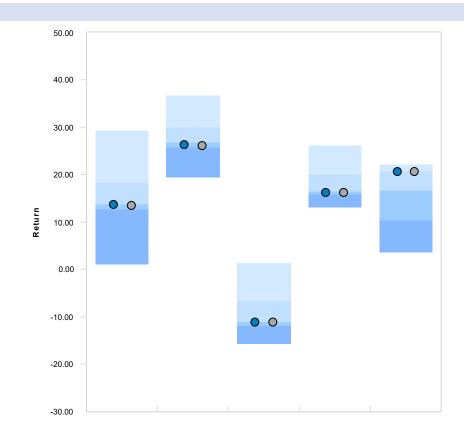
	QTR	FYTD	1 Y	R 2 YR	3 YR	4 YR	5 YR		2020	2019	2018	2017	2016
<ul><li>Champlain MC</li></ul>	3.32 (2)	18.34 (19	9) 40.03	(46) 28.40 (1	) N/A	N/A	N/A	<ul><li>Champlain MC</li></ul>	30.45 (3)	28.39 (32)	N/A	N/A	N/A
O Russell Midcap	-0.93 (52)	15.17 (69	9) 38.11	(55) 20.16 (4	1) 14.22 (33)	) 14.16 (36)	) 14.39 (44)	<ul><li>Russell Midcap</li></ul>	17.10 (33)	30.54 (24)	-9.06 (37)	18.52 (33)	13.80 (61)
Median	-0.90	15.54	39.30	18.76	12.27	13.30	13.09	Median	13.73	26.90	-10.99	16.49	16.64

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Champlain MC	10.16 (5)	3.98 (93)	18.33 (75)	7.88 (23)	26.97 (4)	-19.52 (15)
Russell Midcap Index	7.50 (20)	8.14 (68)	19.91 (61)	7.46 (31)	24.61 (18)	-27.07 (39)
IM U.S. Mid Cap Core Equity (SA+CF) Median	4.95	11.30	21.16	4.78	23.93	-29.07



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





		QT	R	FY	TD	1 Y	R	2 Y	'R	3 Y	'R	4 Y	'R	5 ١	/R			202	20
	NTGI S&P 400	-1.76	(77)	15.52	(56)	43.68	(26)	18.60	(64)	11.15	(61)	11.93	(62)	13.01	(57)		NTGI S&P 400	13.70	(
•	S&P MC 400 ldx	-1.76	(76)	15.52	(55)	43.68	(26)	18.57	(66)	11.08	(74)	11.86	(74)	12.97	(63)	(	S&P MC 400 ldx	13.66	(
	Median	-0.90		15 54		39 30		18.76		12 27		13.30		13.09			Median	13 73	

		2020	2019	2018	2017	2016	
_	● NTGI S&P 400	13.70 (55)	26.38 (56)	-11.02 (52)	16.21 (70)	20.79 (19)	
		13.66 (60)	26.20 (69)	-11.08 (64)	16.24 (64)	20.74 (26)	
	Median	13.73	26.90	-10.99	16.49	16.64	

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
NTGI S&P 400	3.64 (79)	13.46 (31)	24.38 (20)	4.78 (53)	24.08 (35)	-29.69 (76)
S&P MidCap 400 Index	3.64 (79)	13.47 (24)	24.37 (22)	4.77 (58)	24.07 (36)	-29.70 (81)
IM U.S. Mid Cap Core Equity (SA+CF) Median	4.95	11.30	21.16	4.78	23.93	-29.07



## 3 Yr Rolling Under/Over Performance - 5 Years 24.0 Over Performance 16.0 NTGI S&P 400 (%) 8.0 0.0 -8.0 Under Performance -16.0 -16.0 -8.0 0.0 8.0 16.0 24.0 S&P MidCap 400 Index (%)

X Latest Date

## 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 9/21 6/17 6/18 12/20 12/16 12/17 12/18 6/19 12/19 6/20

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● NTGI S&P 400	20	0 (0%)	11 (55%)	9 (45%)	0 (0%)
<ul> <li>S&amp;P MC 400 ldx</li> </ul>	20	0 (0%)	8 (40%)	12 (60%)	0 (0%)

# Peer Group Scattergram - 3 Years 12.48 12.09 11.70 11.31 10.92 22.04 22.33 22.62 22.91 23.20 23.49 23.78 Risk (Standard Deviation %)

Earliest Date

Over Performance

Historical Statistics - 3 Years

Pee	r Group Scatt	ergram - 5 Ye	ars				
Return (%)	13.15					•	
œ	12.95 – 12.90					0	
	18.05	18.24	18.43	18.62	18.81	19.00	19.19
			Risk (St	andard Deviation	%)		

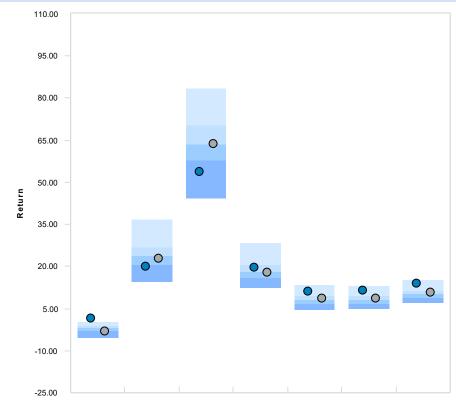
	Return	Standard Deviation
<ul> <li>NTGI S&amp;P 400</li> </ul>	11.15	23.56
<ul> <li>S&amp;P MC 400 ldx</li> </ul>	11.08	23.56
Median	12.27	22.31

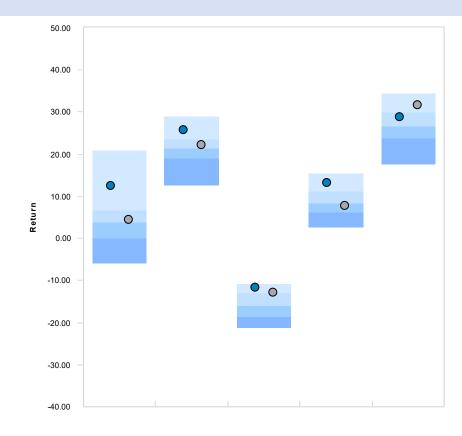
	Return	Standard Deviation
● NTGI S&P 400	13.01	19.05
	12.97	19.05
Median	13.09	18.24

mstorical Statistic	.s - 5 leals							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI S&P 400	0.05	100.13	99.95	0.06	1.24	0.52	1.00	16.67
S&P MC 400 ldx	0.00	100.00	100.00	0.00	N/A	0.52	1.00	16.68
Historical Statistic	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI S&P 400	0.06	100.11	99.96	0.04	0.72	0.68	1.00	13.15
S&P MC 400 ldx	0.00	100.00	100.00	0.00	N/A	0.68	1.00	13.16



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2020	2019	2018	2017	2016
<ul><li>T Rowe Price</li></ul>	1.47 (2)	20.06 (7	78) 53.89 (87)	19.90 (27)	11.31 (13)	11.65 (13)	13.96 (9)	T Rowe Price	12.50 (10)	25.84 (16)	-11.48 (9)	13.34 (14)	28.97 (35)
O Russell 2000 V	-2.98 (78	) 22.92 (5	58) 63.92 (48)	18.12 (47)	8.58 (42)	8.77 (36)	11.03 (32)	O Russell 2000 V	4.63 (42)	22.39 (36)	-12.86 (24)	7.84 (57)	31.74 (15)
Median	-2.08	23.63	63.54	17.92	8.20	8.13	10.04	Median	3.84	21.26	-16.08	8.32	26.61

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
T Rowe Price	5.17 (36)	12.50 (99)	28.18 (77)	5.26 (18)	21.06 (60)	-31.12 (6)
Russell 2000 Value	4.56 (50)	21.17 (52)	33.36 (38)	2.56 (48)	18.91 (82)	-35.66 (38)
IM U.S. Small Cap Value Equity (MF) Median	4.52	21.38	32.34	2.48	21.79	-37.33



## 3 Yr Rolling Under/Over Performance - 5 Years 30.0 Over Performance T Rowe Price (%) 20.0 10.0 $\bigcirc$ 0.0 -10.0 Under Performance -20.0 -10.0 0.0 10.0 20.0 30.0 -20.0 Russell 2000 Value (%) Over Performance Under Performance

## 3 Yr Rolling Percentile Ranking - 5 Years 25.0 75.0 12/16 6/17 12/17 6/18 12/18 6/19 12/19 6/20 12/20 9/21

	Total Perio	od 5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
T Rowe	Price 20	18 (90%)	2 (10%)	0 (0%)	0 (0%)	
Russell :	2000 V 20	8 (40%)	12 (60%)	0 (0%)	0 (0%)	

## Peer Group Scattergram - 3 Years 12.00 10.00 8.00 22.00 24.00 26.00 28.00 30.00 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Pee	r Grou	p Scatte	ergram - 5 Y	ears				
	16.00							
(%)	14.00	_						
Return	12.00	_						
Re	10.00	_						
	8.00							
	1	8.60	19.53	20.46	21.39	22.32	23.25	24.18
				Risk (S	tandard Deviation	%)		

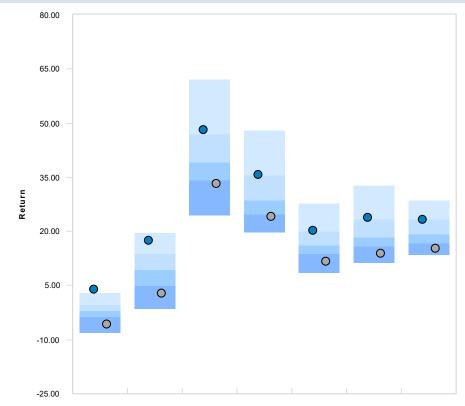
	Return	Standard Deviation
<ul><li>T Rowe Price</li></ul>	11.31	23.42
<ul><li>Russell 2000 V</li></ul>	8.58	26.61
Median	8.20	28.22

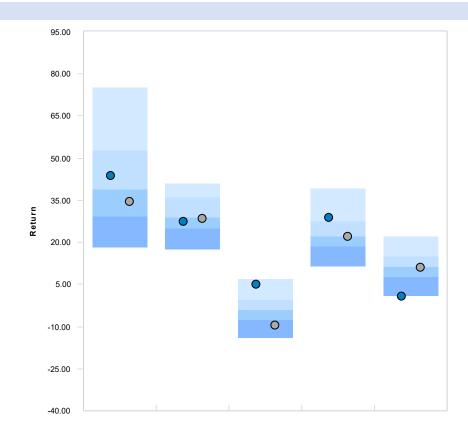
	Return	Standard Deviation
<ul><li>T Rowe Price</li></ul>	13.96	19.31
<ul><li>Russell 2000 V</li></ul>	11.03	22.20
Median	10.04	23.40

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
T Rowe Price	6.59	90.73	81.30	3.44	0.25	0.53	0.86	17.00
Russell 2000 V	0.00	100.00	100.00	0.00	N/A	0.40	1.00	19.18
Historical Statistic	cs - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
T Rowe Price	5.54	92.17	77.99	4.09	0.36	0.72	0.85	13.39
Russell 2000 V	0.00	100.00	100.00	0.00	N/A	0.53	1.00	15.25



## 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		2020	2019	2018	2017	2016
<ul><li>Summit Creek</li></ul>	3.98 (3)	17.63 (11)	48.28 (21)	35.78 (25)	20.34 (25)	23.81 (21)	23.41 (25)	<ul><li>Summit Creek</li></ul>	43.74 (37)	27.67 (56)	5.04 (7)	28.96 (19)	0.86 (95)
O R2000 Gr Idx	-5.65 (92)	2.82 (84)	33.27 (79)	24.18 (79)	11.70 (85)	13.97 (87)	15.34 (86)	<ul> <li>R2000 Gr Idx</li> </ul>	34.63 (61)	28.48 (52)	-9.31 (81)	22.17 (53)	11.32 (50)
Median	-1.96	9.39	39.23	28.48	16.11	18.40	19.20	Median	39.01	28.79	-4.03	22.27	11.17

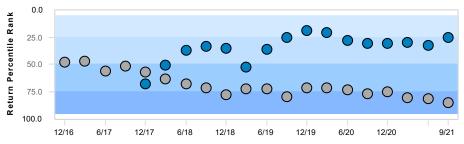
Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Summit Creek	4.62 (60)	8.13 (33)	26.06 (70)	6.64 (70)	35.72 (32)	-21.22 (29)
Russell 2000 Growth Index	3.92 (70)	4.88 (55)	29.61 (32)	7.16 (67)	30.58 (61)	-25.76 (64)
IM U.S. Small Cap Growth Equity (SA+CF+MF) Median	5.12	5.46	27.31	8.88	32.02	-23.92



## 3 Yr Rolling Under/Over Performance - 5 Years 30.0 × · · · · Over Performance Summit Creek (%) 20.0 10.0 0.0 Under Performance -10.0 -10.0 0.0 10.0 20.0 30.0 Russell 2000 Growth Index (%)

X Latest Date

## 3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
<ul><li>Summit Creek</li></ul>	16	4 (25%)	9 (56%)	3 (19%)	0 (0%)
R2000 Gr Idx	20	0 (0%)	2 (10%)	12 (60%)	6 (30%)

## Peer Group Scattergram - 3 Years 24.00 21.00 18.00 15.00 12.00 9.00 22.26 22.79 23.32 23.85 24.38 24.91 25.44 25.97

Earliest Date

Over Performance

## Peer Group Scattergram - 5 Years



	Return	Standard Deviation
<ul><li>Summit Creek</li></ul>	20.34	23.03
<ul> <li>R2000 Gr Idx</li> </ul>	11.70	25.30
Median	16.11	24.95

Risk (Standard Deviation %)

	Return	Deviation
<ul><li>Summit Creek</li></ul>	23.41	18.95
<ul> <li>R2000 Gr Idx</li> </ul>	15.34	20.78
Median	19.20	20.53

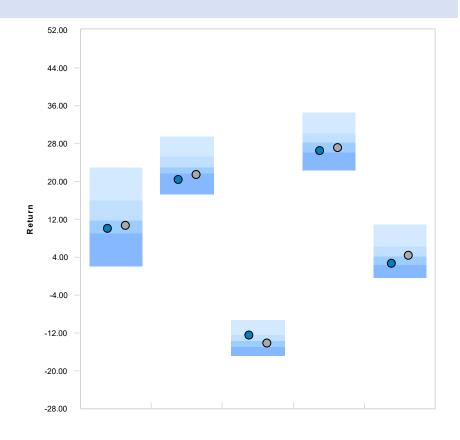
Historical Statisti	cs - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Summit Creek	6.62	98.10	71.37	9.05	1.05	0.87	0.88	14.47
R2000 Gr Idx	0.00	100.00	100.00	0.00	N/A	0.52	1.00	16.75
Historical Statisti	cs - 5 Years							
		Up	Down			•		

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Summit Creek	6.33	102.14	69.42	9.00	1.03	1.15	0.87	11.58
R2000 Gr Idx	0.00	100.00	100.00	0.00	N/A	0.74	1.00	13.38



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

No data found.



	2020	2019	2018	2017	2016	
Total Intll Equity	10.20 (67)	20.38 (84)	-12.42 (24)	26.50 (71)	2.78 (69)	
MSCIACxUSNet	10.65 (63)	21.51 (77)	-14.20 (62)	27.19 (63)	4.50 (47)	
Median	11.70	22.84	-13.62	28.13	4.25	

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Total Intll Equity	5.07 (79)	3.42 (63)	19.01 (24)	4.86 (87)	15.61 (78)	-23.62 (49)
MSCI AC World ex USA (Net)	5.48 (66)	3.49 (61)	17.01 (52)	6.25 (70)	16.12 (71)	-23.36 (42)
All Master Trust-Intl. Equity Segment Median	5.76	3.82	17.03	6.71	17.44	-23.70



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

## 15.0 Over Total In til Equity (%) Performance 5.0 0.0 Under Performance -5.0 0.0 5.0 10.0 15.0 -5.0 MSCI AC World ex USA (Net) (%) Over Performance Under Performance X Latest Date Earliest Date

## 3 Yr Rolling Percentile Ranking - 5 Years

Peer Group Scattergram - 5 Years

No data found.

## Peer Group Scattergram - 3 Years



e 8.94 –			
8.94 - 8.92 - 8.90 -			
8.90 -			

	Return	Standard Deviation
<ul><li>Total Intll Equity</li></ul>	7.57	17.54
<ul> <li>MSCIACxUSNet</li> </ul>	8.03	17.48
Median	N/A	N/A

	Return	Standard Deviation
<ul><li>Total Intll Equity</li></ul>	8.89	14.60
<ul> <li>MSCIACxUSNet</li> </ul>	8.94	14.52
Median	N/A	N/A

Risk (Standard Deviation %)

## **Historical Statistics - 3 Years**

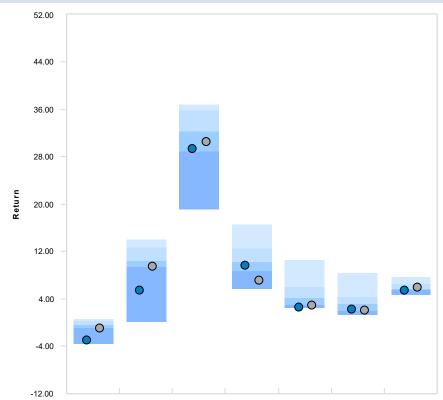
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Intll Equity	2.17	99.33	101.12	-0.37	-0.19	0.44	1.00	12.19
MSCIACxUSNet	0.00	100.00	100.00	0.00	N/A	0.46	1.00	11.97

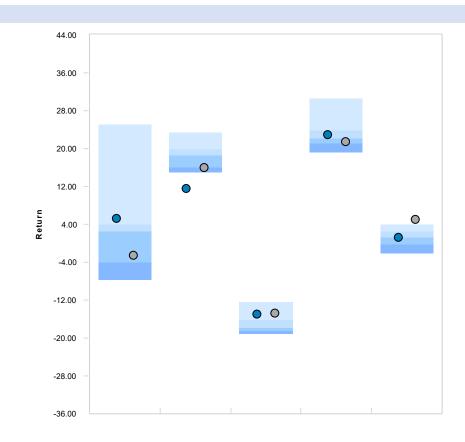
## **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Intll Equity	2.00	99.29	99.01	0.01	-0.01	0.58	1.00	9.87
MSCIACxUSNet	0.00	100.00	100.00	0.00	N/A	0.58	1.00	9.76



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



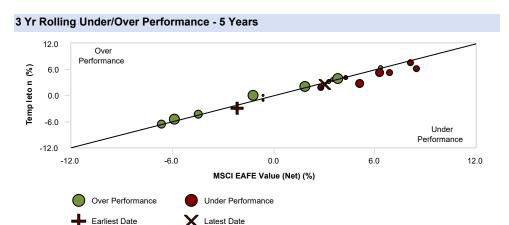


	QT	R	FY	ΓD	1 Y	'n	2 Y	'R	3 Y	'R	4 Y	'R	5 Y	'n
<ul><li>Templeton</li></ul>	-2.96	(87)	5.52	(94)	29.44	(73)	9.66	(57)	2.69	(92)	2.26	(69)	5.54	(66)
<ul><li>MSCI EAFE(Net)</li></ul>	-0.97	(76)	9.61	(67)	30.66	(65)	7.27	(92)	3.04	(75)	2.18	(70)	5.96	(32)
Median	-0.46		10.47		32.32		10.16		4.24		3.11		5.67	

	2020	2019	2018	2017	2016	
<ul><li>Templeton</li></ul>	5.30 (13)	11.57 (100)	-14.87 (19)	22.92 (38)	1.30 (48)	
<ul><li>MSCI EAFE(Net)</li></ul>	-2.63 (61)	16.09 (74)	-14.78 (19)	21.44 (63)	5.02 (1)	
Median	2.50	18.45	-17.83	22.09	1.18	

	1 Q Endi Jun-2	ing	1 C End Mar-2	ing	1 Q Endi Dec-2	ing	1 Q Endi Sep-2	ng	1 Q Endi Jun-2	ng	1 C End Mar-2	ing
empleton	3.70	(35)	4.86	(90)	22.67	(1)	1.06	(94)	12.82	(84)	-24.71	(10)
MSCI EAFE Value (Net)	3.01	(81)	7.44	(51)	19.20	(65)	1.19	(90)	12.43	(89)	-28.20	(47)
IM International Large Cap Value Equity (MF) Median	3.46		7.48		19.71		1.81		15.50		-28.23	





## 3 Yr Rolling Percentile Ranking - 5 Years 000 Return Percentile Rank 25.0 0 50.0 75.0 100.0 6/17 6/18 12/18 6/19 12/19 9/21 12/16 12/17 6/20 12/20

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
<ul><li>Templeton</li></ul>	20	6 (30%)	6 (30%)	7 (35%)	1 (5%)
<ul><li>MSCI EAFE(Net)</li></ul>	20	7 (35%)	3 (15%)	10 (50%)	0 (0%)



Pee	r Group Sca	ıttergram - (	5 Years					
	6.20							
(%)	6.00					0		
Return								
Ret	5.60							
	5.40							
	14.21	14.70	15.19	15.68	16.17	16.66	17.15	17.64
			F	Risk (Standard D	Deviation %)			

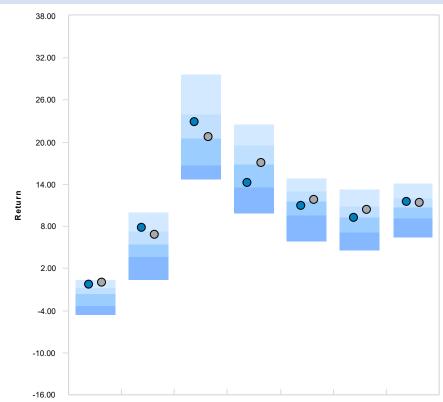
	Return	Standard Deviation
<ul><li>Templeton</li></ul>	2.69	18.05
<ul><li>MSCI EAFE(Net)</li></ul>	3.04	20.22
Median	4.24	20.61

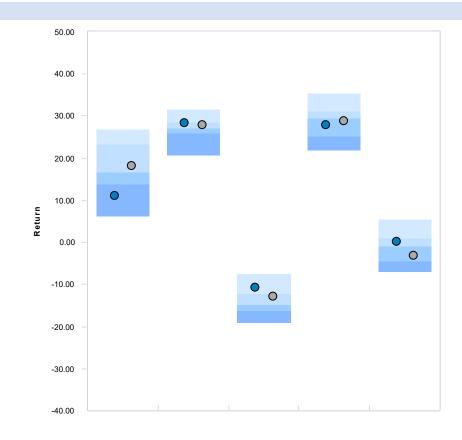
ard ion
7
0
6

<b>Historical Statistic</b>	s - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Templeton	6.28	90.20	91.25	0.02	-0.12	0.17	0.85	13.22
MSCI EAFE(Net)	0.00	100.00	100.00	0.00	N/A	0.19	1.00	13.99
Historical Statistic	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Templeton	5.24	90.78	90.77	0.40	-0.13	0.36	0.85	10.67
MSCI EAFE(Net)	0.00	100.00	100.00	0.00	N/A	0.36	1.00	11.40



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2020	2019	2018	2017	2016
• MFS	-0.18 (12)	7.87 (16	5) 22.93 (31)	14.31 (68)	10.96 (57)	9.35 (48	3) 11.51 (38)	MFS	11.10 (85)	28.40 (25)	-10.66 (18)	28.05 (59)	0.27 (39)
<ul><li>MSCI EAFE(Net)</li></ul>	0.07 (9)	6.88 (30	) 20.87 (46)	17.10 (47)	11.91 (46)	10.36 (30	) 11.41 (40)	O MSCI EAFE(Net)	18.29 (48)	27.90 (30)	-12.83 (35)	28.86 (53)	-3.04 (66)
Median	-1.69	5.45	20.58	16.82	11.50	9.24	10.76	Median	16.70	27.03	-14.98	29.50	-0.87

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
MFS	6.88 (27)	1.11 (40)	13.97 (57)	6.09 (91)	14.70 (93)	-19.89 (48)
MSCI EAFE Growth (Net)	7.42 (17)	-0.57 (86)	13.09 (71)	8.43 (60)	16.95 (71)	-17.51 (21)
IM International Large Cap Growth Equity (MF) Median	6.18	0.80	14.75	8.76	18.02	-20.42



## 3 Yr Rolling Under/Over Performance - 5 Years 18.0 Over Performance 12.0 MFS (%) 6.0 0.0 Under Performance -6.0 0.0 6.0 12.0 18.0 -6.0 MSCI EAFE Growth (Net) (%) Over Performance Under Performance

## 3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 50.0 75.0 100.0 6/17 12/19 6/20 12/20 9/21 12/16 12/17 6/18 12/18 6/19

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>MFS</li></ul>	20	4 (20%)	12 (60%)	4 (20%)	0 (0%)	
<ul><li>MSCI EAFE(Net)</li></ul>	20	1 (5%)	19 (95%)	0 (0%)	0 (0%)	

## Peer Group Scattergram - 3 Years 12.16 $\circ$ 11.84 Return (%) 11.52 11.20 10.88 10.56 16.34 17.20 15.48 15.91 16.77 17.63 18.06 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Pee	r Group Sca	ttergram - 5 Ye	ars				
	11.70			_			
(%)	11.40 -	0					
Return	11.10 -						
Ret	10.80						
	10.50						
	13.20	13.53	13.86	14.19	14.52	14.85	15.18
			Risk (S	tandard Deviation	%)		

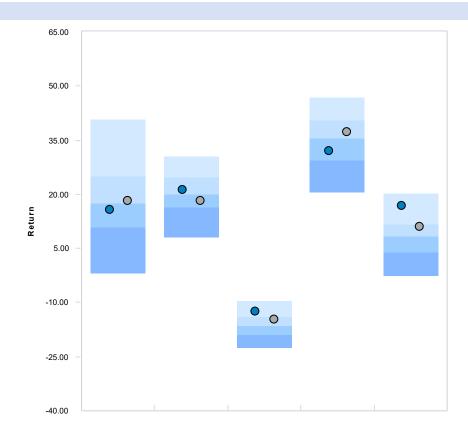
	Return	Standard Deviation
MFS	10.96	16.83
<ul><li>MSCI EAFE(Net)</li></ul>	11.91	15.91
Median	11.50	17.78

	Return	Standard Deviation
● MFS	11.51	14.08
<ul><li>MSCI EAFE(Net)</li></ul>	11.41	13.44
Median	10.76	14.87

<b>Historical Statistic</b>	s - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	4.01	102.34	108.59	-1.05	-0.18	0.63	1.03	11.00
MSCI EAFE(Net)	0.00	100.00	100.00	0.00	N/A	0.71	1.00	10.28
Historical Statistic	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MFS	3.55	102.56	103.50	0.02	0.05	0.76	1.01	8.95
MSCI EAFE(Net)	0.00	100.00	100.00	0.00	N/A	0.78	1.00	8.59



## Peer Group Analysis - IM Emerging Markets Equity (MF) 52.00 44.00 36.00 28.00 lacksquare20.00 0 00 12.00 00 00 4.00 • -4.00 00 -12.00 -20.00



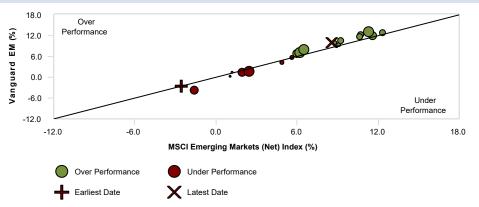
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2020	2019	2018	2017	2016
<ul><li>Vanguard EM</li></ul>	-8.55 (65)	0.60 (45)	24.13 (27)	14.28 (52)	9.88 (45)	6.84 (37)	9.81 (35)	<ul><li>Vanguard EM</li></ul>	15.80 (61)	21.38 (45)	-12.50 (16)	32.00 (68)	16.86 (10)
<ul><li>MSCI Em-Net</li></ul>	-8.09 (58)	-1.25 (58)	18.20 (58)	14.31 (52)	8.58 (60)	6.15 (46)	9.23 (43)	<ul><li>MSCI Em-Net</li></ul>	18.31 (46)	18.44 (62)	-14.58 (30)	37.28 (42)	11.19 (30)
Median	-7.51	-0.31	19.16	14.49	9.45	5.81	8.81	Median	17.49	20.06	-16.39	35.37	8.35

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Vanguard EM	4.41 (63)	5.36 (20)	23.39 (13)	8.02 (68)	21.77 (39)	-28.65 (83)
MSCI Emerging Markets (Net) Index	5.05 (52)	2.29 (57)	19.70 (41)	9.56 (48)	18.08 (75)	-23.60 (36)
IM Emerging Markets Equity (MF) Median	5.10	2.86	19.11	9.39	20.23	-24.85

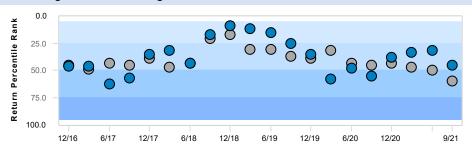


-28.00

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

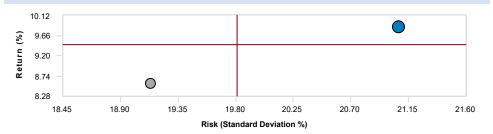


## 3 Yr Rolling Percentile Ranking - 5 Years

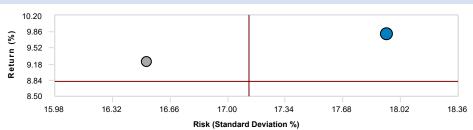


	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>Vanguard EM</li></ul>	20	5 (25%)	11 (55%)	4 (20%)	0 (0%)	
MSCI Em-Net	20	2 (10%)	17 (85%)	1 (5%)	0 (0%)	

## Peer Group Scattergram - 3 Years



Peer	Group	Scattergram	- 5 Years	
------	-------	-------------	-----------	--



Return	Standard Deviation
9.88	21.07
8.58	19.14
9.45	19.81
	9.88 8.58

	Return	Standard Deviation
<ul><li>Vanguard EM</li></ul>	9.81	17.94
<ul><li>MSCI Em-Net</li></ul>	9.23	16.52
Median	8.81	17.13

## **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard EM	4.10	108.06	104.22	0.79	0.40	0.50	1.08	14.90
MSCI Em-Net	0.00	100.00	100.00	0.00	N/A	0.47	1.00	13.08

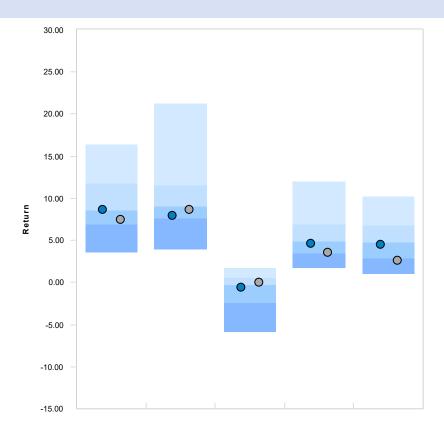
## **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard EM	3.74	104.41	102.36	0.15	0.22	0.55	1.06	12.23
MSCI Em-Net	0.00	100.00	100.00	0.00	N/A	0.55	1.00	10.93



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

No data found.

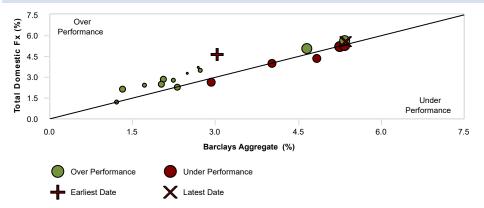


	2020	2019	2018	2017	2016	
<ul><li>Total Domestic Fx</li></ul>	8.63 (50)	7.98 (70)	-0.51 (56)	4.66 (53)	4.49 (55)	
Barclays Agg	7.51 (66)	8.72 (57)	0.01 (39)	3.54 (71)	2.65 (80)	
Median	8.58	9.06	-0.27	4.87	4.81	

Comparative Performance						
	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr
	Ending	Ending	Ending	Ending	Ending	Ending
	Jun-2021	Mar-2021	Dec-2020	Sep-2020	Jun-2020	Mar-2020
Total Domestic Fx	1.65 (76)	-2.81 (51)	0.90 (72)	0.76 (80)	4.52 (58)	2.23 (28)
Barclays Aggregate All Master Trust-US Fixed Income Segment Median	1.83 (73)	-3.38 (65)	0.67 (79)	0.62 (84)	2.90 (82)	3.15 (20)
	2.49	-2.80	1.62	1.49	4.94	0.55



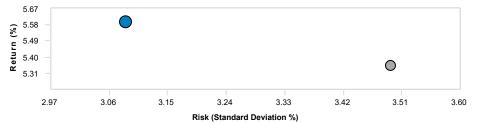
## 3 Yr Rolling Under/Over Performance - 5 Years



## 3 Yr Rolling Percentile Ranking - 5 Years

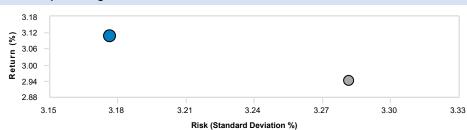
No data found.

## Peer Group Scattergram - 3 Years



	Return	Standard Deviation
<ul><li>Total Domestic Fx</li></ul>	5.60	3.08
<ul> <li>Barclays Agg</li> </ul>	5.35	3.49
Median	N/A	N/A

## Peer Group Scattergram - 5 Years



	Return	Standard Deviation
<ul><li>Total Domestic Fx</li></ul>	3.11	3.18
<ul> <li>Barclays Agg</li> </ul>	2.94	3.28
Median	N/A	N/A

## **Historical Statistics - 3 Years**

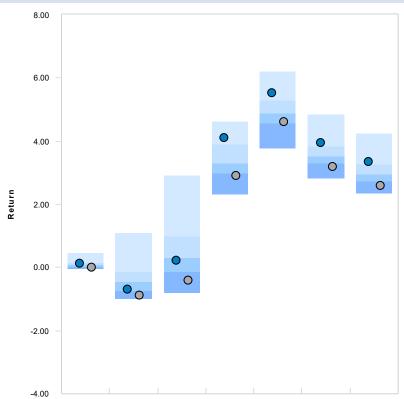
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Fx	0.99	94.36	74.70	1.02	0.22	1.42	0.85	1.25
Barclays Agg	0.00	100.00	100.00	0.00	N/A	1.21	1.00	1.53

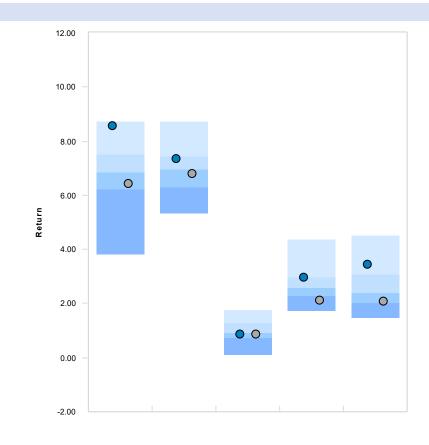
## **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Fx	0.87	98.41	91.65	0.36	0.18	0.63	0.93	1.89
Barclays Agg	0.00	100.00	100.00	0.00	N/A	0.56	1.00	1.83



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





	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR	
<ul><li>Schroder Interm Duration</li></ul>	0.14 (24)	-0.70 (70)	0.22 (54)	4.13 (14)	5.52 (14)	3.95 (15)	3.36 (20)	
<ul><li>Barclays Interm G/C</li></ul>	0.02 (74)	-0.87 (90)	-0.40 (91)	2.91 (80)	4.63 (69)	3.20 (82)	2.60 (86)	
Median	0.08	-0 46	0.28	3 29	4 87	3 52	2 95	

	2020	2019	2018	2017	2016	
<ul> <li>Schroder Interm Duration</li> </ul>	8.58 (6)	7.37 (28)	0.88 (58)	2.97 (26)	3.44 (17)	
O Barclays Interm G/C	6.43 (68)	6.80 (60)	0.88 (57)	2.14 (84)	2.08 (72)	
Median	6.83	6.95	0.93	2.55	2.37	

	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Schroder Interm Duration	1.26 (23)	-2.07 (94)	0.93 (37)	0.76 (59)	4.98 (16)	1.71 (39)
Barclays Intermediate U.S. Gov/Credit	0.98 (72)	-1.86 (77)	0.48 (79)	0.61 (78)	2.81 (82)	2.40 (21)
IM U.S. Intermediate Duration (SA+CF) Median	1.06	-1.60	0.71	0.86	3.73	1.29



Count

0 (0%)

14 (70%)

# 3 Yr Rolling Under/Over Performance - 5 Years 8.0 Over Performance 2.0 Under Performance 0.0 Barclays Intermediate U.S. Gov/Credit (%)

### 3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 50.0 0000 75.0 100.0 6/18 12/18 6/19 12/19 6/20 12/20 9/21 12/16 6/17 12/17 5-25 25-Median Median-75 75-95 **Total Period**

Count

14 (70%)

0 (0%)

20

20

Count

6 (30%)

1 (5%)

Count

0 (0%)

5 (25%)

Peer G	Froup Sc	attergram - :	3 Years					
5.70 5.40 – 5.10 – 4.80 –								
2 4.5 4.5	50 -	2.32	2 40	248	2.56	2 64	2 72	2.80

Earliest Date

Over Performance

X Latest Date

Pee	r Group So	attergran	n - 5 Years						
	3.78								
<u>@</u>	3.51								
<u>.</u>	3.24								
eturi	3.51 – 3.24 – 2.97 –								
œ	2.70 -								
	2.43							1	
	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.55	2.60
				Risk (Sta	ndard Deviation	on %)			

	Return	Standard Deviation
<ul> <li>Schroder Interm Duration</li> </ul>	5.52	2.72
<ul><li>Barclays Interm G/C</li></ul>	4.63	2.35
Median	4.87	2.44

Risk (Standard Deviation %)

	Return	Standard Deviation
<ul> <li>Schroder Interm Duration</li> </ul>	3.36	2.54
<ul><li>Barclays Interm G/C</li></ul>	2.60	2.29
Median	2.95	2.31

1 116.31	107.48	0.42	0.95	4.50		
			0.93	1.58	1.10	0.97
0 100.00	100.00	0.00	N/A	1.49	1.00	0.84
0	100.00	100.00 100.00	100.00 100.00 0.00	100.00 100.00 0.00 N/A	100.00 100.00 0.00 N/A 1.49	100.00 100.00 0.00 N/A 1.49 1.00

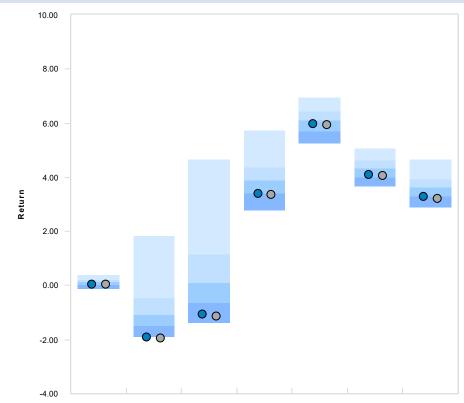
Schroder Interm Duration

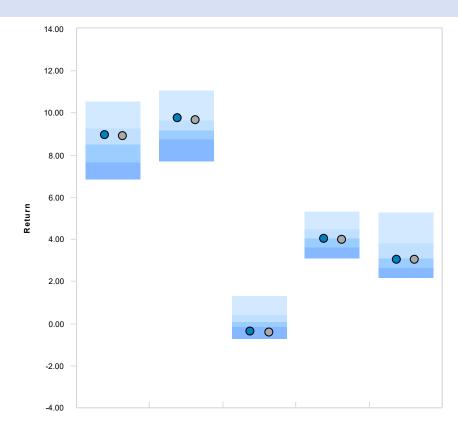
Barclays Interm G/C

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Schroder Interm Duration	0.72	116.07	98.81	0.57	1.03	0.87	1.07	1.21
Barclays Interm G/C	0.00	100.00	100.00	0.00	N/A	0.65	1.00	1.19



## Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF)



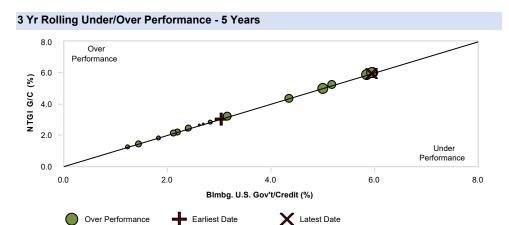


	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		2020	2019	2018	2017	2016
NTGI G/C	0.04 (72)	-1.89 (95)	-1.06 (91)	3.40 (76)	5.99 (57)	4.12 (69)	3.28 (78)	NTGI G/C	8.97 (32)	9.76 (24)	-0.35 (89)	4.05 (49)	3.04 (54)
<ul><li>Barclays G/C</li></ul>	0.04 (74)	-1.93 (96)	-1.13 (93)	3.35 (76)	5.94 (60)	4.07 (71)	3.24 (79)	<ul><li>Barclays G/C</li></ul>	8.93 (33)	9.71 (24)	-0.42 (92)	4.00 (52)	3.05 (54)
Median	0.11	-1.09	0.07	3.87	6.10	4.34	3.63	Median	8.51	9.19	0.07	4.03	3.11

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
NTGI G/C	2.60 (7)	-4.41 (100)	0.84 (68)	0.75 (75)	3.55 (71)	3.58 (13)
Blmbg. U.S. Gov't/Credit	2.42 (14)	-4.28 (100)	0.82 (70)	0.78 (73)	3.71 (67)	3.37 (13)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.99	-3.17	1.11	1.08	4.37	1.94



9/21



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

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>NTGI G/C</li></ul>	20	2 (10%)	3 (15%)	12 (60%)	3 (15%)	
<ul><li>Barclays G/6</li></ul>	C 20	1 (5%)	3 (15%)	10 (50%)	6 (30%)	

12/18

6/19

12/19

6/20

12/20



Pee	r Gro	up Scatterg	ram - 5 Year	s					
	3.80								
	3.60	_							
Return	3.40	-							
Re	3.20	_					•		
	3.00								
		3.42	2 3.51	3.60	3.69	3.78	3.87	3.96	4.05
				Risk (Sta	andard Deviat	ion %)			

	Return	Standard Deviation
<ul><li>NTGI G/C</li></ul>	5.99	4.29
<ul><li>Barclays G/C</li></ul>	5.94	4.30
Median	6.10	3.77

	Return	Standard Deviation	
<ul><li>NTGI G/C</li></ul>	3.28	3.91	
<ul><li>Barclays G/C</li></ul>	3.24	3.91	
Median	3.63	3.44	

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI G/C	0.41	99.47	97.29	0.08	0.11	1.12	0.99	2.01
Barclays G/C	0.00	100.00	100.00	0.00	N/A	1.11	1.00	2.00
Historical Statisti								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
NTGI G/C	0.32	99.88	98.59	0.06	0.14	0.56	1.00	2.20
Barclays G/C	0.00	100.00	100.00	0.00	N/A	0.55	1.00	2.19

12/16

6/17

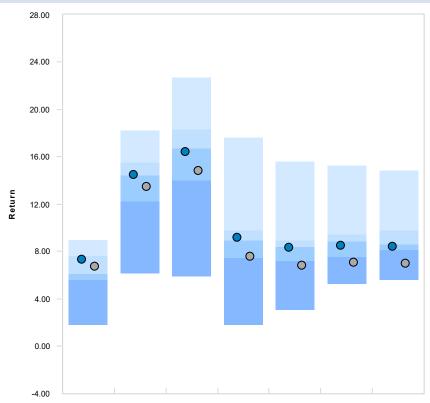
12/17

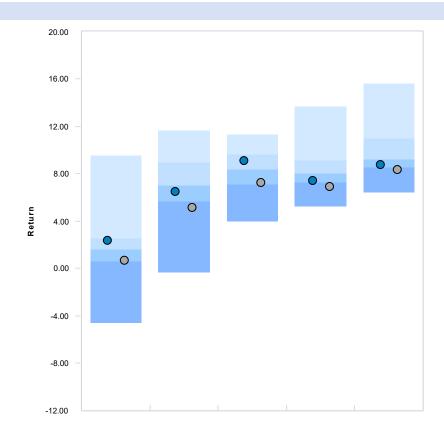
6/18



**Historical Statistics - 3 Years** 

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

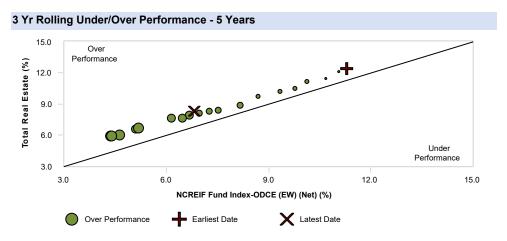




	QTR	FYTI	D 1 YR	2 YR	3 YR	4 YR	5 YR		2020	2019	2018	2017	2016
Total Real Estate	7.33 (2	7) 14.51	(50) 16.47 (54)	9.21 (37)	8.34 (53)	8.55 (56)	8.44 (60)	<ul> <li>Total Real Estate</li> </ul>	2.36 (34)	6.53 (64)	9.10 (39)	7.43 (71)	8.80 (74)
NCREIF Idx-ODCE	6.75 (3	2) 13.51	(64) 14.83 (65)	7.64 (67)	6.84 (84)	7.10 (84)	7.07 (92)	O NCREIF Idx-ODCE	0.75 (73)	5.18 (77)	7.30 (74)	6.92 (78)	8.36 (77)
Median	6.08	14.44	16.75	8.98	8.37	8.87	8.67	Median	1.61	7.02	8.35	8.07	9.23

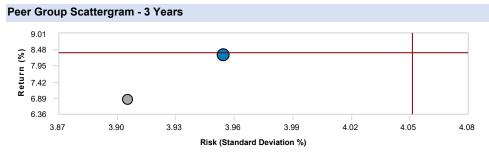
Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Total Real Estate	4.01 (55)	2.57 (30)	1.72 (44)	0.39 (55)	-1.21 (48)	1.47 (36)
NCREIF Fund Index-ODCE (EW) (Net)	4.17 (50)	2.07 (51)	1.16 (60)	0.37 (55)	-1.47 (60)	0.71 (67)
IM U.S. Open End Private Real Estate (SA+CF) Median	4.16	2.08	1.57	0.48	-1.23	1.28





## 3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 50.0 75.0 100.0 6/17 12/19 6/20 12/20 9/21 12/16 6/18 12/18 6/19 12/17

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
<ul> <li>Total Real Estate</li> </ul>	20	0 (0%)	7 (35%)	13 (65%)	0 (0%)
<ul> <li>NCREIF Idx-ODCE</li> </ul>	20	0 (0%)	0 (0%)	4 (20%)	16 (80%)



Pee	er Group Sca	ttergram - 5 Y	ears				
Return (%)	9.01 8.48 – 7.95 – 7.42 – 6.89 –	0	(				
	6.36 3.00	3.04	3.08 Risk (S	3.12	3.16	3.20	3.24

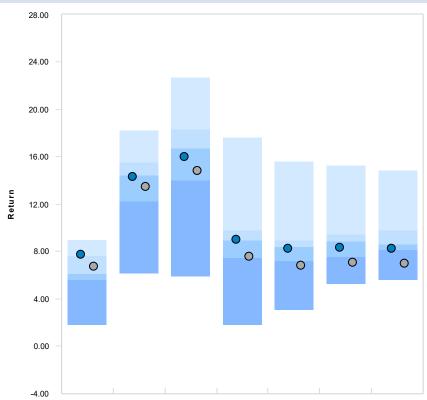
	Return	Standard Deviation
<ul> <li>Total Real Estate</li> </ul>	8.34	3.95
<ul> <li>NCREIF Idx-ODCE</li> </ul>	6.84	3.91
Median	8.37	4.05

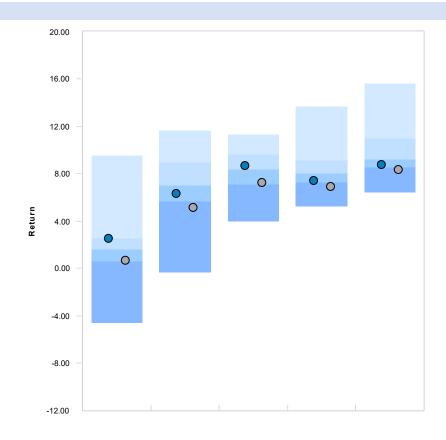
Return	Standard Deviation	
8.44	3.10	
7.07	3.03	
8.67	3.20	
	8.44 7.07	8.44 3.10 7.07 3.03

<b>Historical Statistics</b>	s - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Real Estate	0.76	118.46	82.45	0.93	1.87	1.34	1.07	0.70
NCREIF Idx-ODCE	0.00	100.00	100.00	0.00	N/A	1.15	1.00	0.85
Historical Statistics	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Real Estate	0.76	117.24	82.45	0.67	1.72	1.54	1.09	0.54
NCREIF Idx-ODCE	0.00	100.00	100.00	0.00	N/A	1.38	1.00	0.66



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





	QT	R	FYT	D 1	YR	2 YI	R	3 YR		4 YR		5 YR		2020	2019	2018	2017	2016
● PGIM	7.77	(17) 1	4.37	(57) 16.06	(59)	9.02	(49)	8.29 (5	6) 8.4	12 (58	3) 8.3	34 (65)	• PGIM	2.54 (27)	6.34 (67)	8.72 (42)	7.43 (71)	8.80 (74)
O NCREIF Idx-ODCE	6.75	(32) 1	3.51	(64) 14.83	(65)	7.64	(67)	6.84 (8	4) 7.	10 (84	1) 7.0	07 (92)	O NCREIF Idx-ODCE	0.75 (73)	5.18 (77)	7.30 (74)	6.92 (78)	8.36 (77)
Median	6.08	1	4.44	16.7	5	8.98		8.37	8.8	37	8.6	67	Median	1.61	7.02	8.35	8.07	9.23

Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
PGIM	3.93 (64)	2.11 (47)	1.47 (54)	0.50 (48)	-1.09 (44)	1.66 (15)
NCREIF Fund Index-ODCE (EW) (Net)	4.17 (50)	2.07 (51)	1.16 (60)	0.37 (55)	-1.47 (60)	0.71 (67)
IM U.S. Open End Private Real Estate (SA+CF) Median	4.16	2.08	1.57	0.48	-1.23	1.28

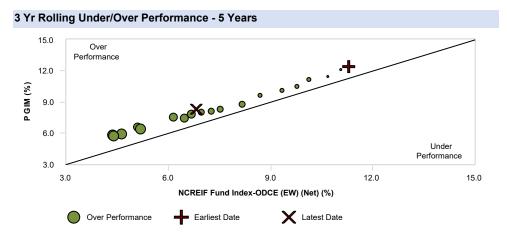


9/21

6/20

12/19

12/20



## 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	
• PGIM	20	0 (0%)	4 (20%)	16 (80%)	0 (0%)	
O NCREIF Idx-ODCE	20	0 (0%)	0 (0%)	4 (20%)	16 (80%)	

12/18

6/19



Pee	r Group So	cattergram	ı - 5 Years						
	9.01								
<b>%</b>	8.48 -								
5	8.48 - 7.95 - 7.42 - 6.89 -								
etu	7.42								
œ	6.89		0						
	6.36								
	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28
				Risk (Sta	ndard Deviation	on %)			

	Return	Standard Deviation
<ul><li>PGIM</li></ul>	8.29	4.09
<ul> <li>NCREIF Idx-ODCE</li> </ul>	6.84	3.91
Median	8.37	4.05

	Return	Standard Deviation
● PGIM	8.34	3.20
<ul> <li>NCREIF Idx-ODCE</li> </ul>	7.07	3.03
Median	8.67	3.20

Historical Statistics	- 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PGIM	0.89	117.37	74.05	0.78	1.55	1.31	1.09	0.63
NCREIF Idx-ODCE	0.00	100.00	100.00	0.00	N/A	1.15	1.00	0.85
Historical Statistics	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PGIM	0.81	115.62	74.05	0.52	1.48	1.51	1.10	0.49
NCREIF Idx-ODCE	0.00	100.00	100.00	0.00	N/A	1.38	1.00	0.66

12/16

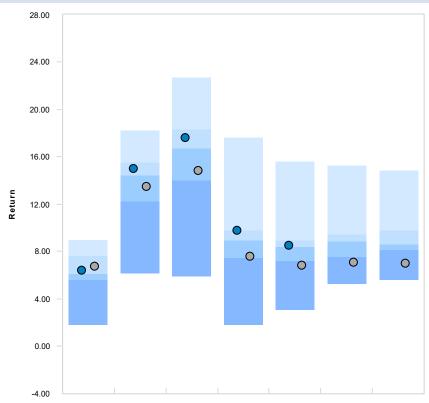
6/17

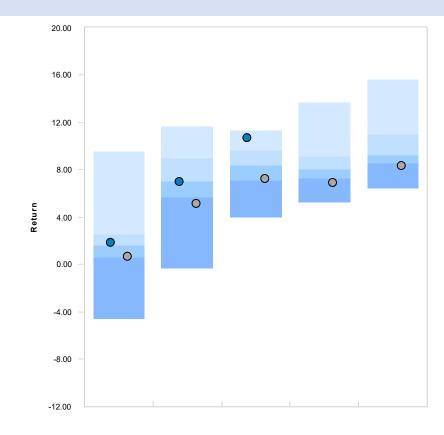
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6/18



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

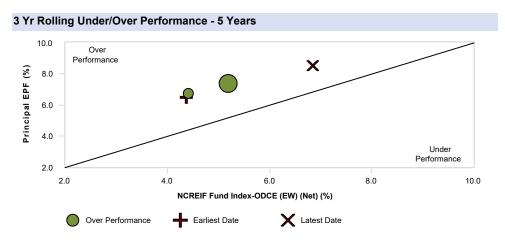




	QT	R FY	TD 11	/R	2 YI	₹	3 YF	R	4 Y	R	5	YR		2020	2019	2018	2017	2016
<ul><li>Principal EPF</li></ul>	6.44	(41) 15.00	(42) 17.67	(34)	9.80	(26)	8.52	(45)	N/A		N/A	4	<ul><li>Principal EPF</li></ul>	1.93 (45)	7.03 (48)	10.75 (13)	N/A	N/A
NCREIF Idx-ODCE	6.75	(32) 13.51	(64) 14.83	(65)	7.64	(67)	6.84	(84)	7.10	(84)	7.07	7 (92)	<ul><li>NCREIF Idx-ODCE</li></ul>	0.75 (73)	5.18 (77)	7.30 (74)	6.92 (78)	8.36 (77)
Median	6.08	14.44	16.75		8.98		8.37		8.87		8.67	7	Median	1.61	7.02	8.35	8.07	9.23

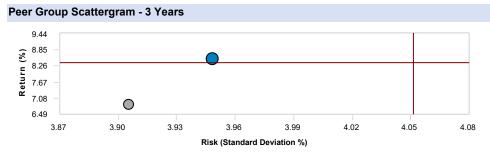
Comparative Performance						
	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020
Principal EPF	4.21 (47)	3.68 (17)	2.32 (28)	0.12 (68)	-1.51 (61)	1.03 (64)
NCREIF Fund Index-ODCE (EW) (Net)	4.17 (50)	2.07 (51)	1.16 (60)	0.37 (55)	-1.47 (60)	0.71 (67)
IM U.S. Open End Private Real Estate (SA+CF) Median	4.16	2.08	1.57	0.48	-1.23	1.28





## 3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 50.0 75.0 100.0 12/16 6/17 12/19 6/20 12/20 9/21 12/17 6/18 12/18 6/19

		Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
_	<ul><li>Principal EPF</li></ul>	4	0 (0%)	4 (100%)	0 (0%)	0 (0%)	
	NCREIF Idx-ODCE	20	0 (0%)	0 (0%)	4 (20%)	16 (80%)	



Pee	r Group Sca	ittergram - 5 Y	ears				
	9.01						
(9	8.48						
<u>၈</u>	7.95 - 7.42 -						
etur	7.42						
ď	6.89						
	6.36	ı			ı		
	3.00	3.04	3.08	3.12	3.16	3.20	3.24
			Risk (S	tandard Deviation	%)		

	Return	Standard Deviation
<ul><li>Principal EPF</li></ul>	8.52	3.95
<ul><li>NCREIF Idx-ODCE</li></ul>	6.84	3.91
Median	8.37	4.05

	Return	Standard Deviation
<ul><li>Principal EPF</li></ul>	N/A	N/A
<ul> <li>NCREIF Idx-ODCE</li> </ul>	7.07	3.03
Median	8.67	3.20

Historical Statistics	s - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Principal EPF	1.45	122.16	102.82	1.27	1.09	1.36	1.05	0.87
NCREIF Idx-ODCE	0.00	100.00	100.00	0.00	N/A	1.15	1.00	0.85
<b>Historical Statistics</b>	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Principal EPF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NCREIF Idx-ODCE	0.00	100.00	100.00	0.00	N/A	1.38	1.00	0.66



Midellan Mid. Cap (\$)	Portfolio Characteristics (	Benchma		dcap Index)					Top Ten Equit	y Holdings (E		ell Midcap Index		
Modian Mich. Cap (\$)			Portfolio		Bench	nmark					Portfolio Wt	Benchmark Wt	Active Wt	Qtr Rtrn
Pice Eleming ratio   2.58    2.124   Workday inc.   2.67   0.00   2.67   4.67   Pice Blook ratio   1.97	Wtd. Avg. Mkt. Cap (\$)		22,110,057,6	20	23,113,	287,711			Asana Inc		3.05	0.00	3.05	67.40
Piceo Rook ratio   5.34   3.53   3.53   3.53   3.53   3.53   3.55   3	Median Mkt. Cap (\$)		15,494,451,8	25	11,139,	903,065			Fortive Corp		2.93	0.21	2.72	1.28
5 'N. EPS Growth Rate (%)	Price/Earnings ratio					21.24			Workday Inc		2.67			4.67
Current Yield (%)	Price/Book ratio		5.	34		3.53			AMETEK Inc		2.65	0.26	2.39	-6.97
Beta   N A   100   Palo Alto Networks Inc.   2.58   0.41   2.17   2.909     Number of Stocks   65   830   830   Advance Alto Parts Inc.   2.44   0.23   2.24   2.32     Arthur J. Gallaghei & Co.   2.41   0.28   2.32   2.24   2.32     Arthur J. Gallaghei & Co.   2.41   0.28   2.32   2.24   2.32     Arthur J. Gallaghei & Co.   2.41   0.28   2.32   2.24   2.32     Arthur J. Gallaghei & Co.   2.41   0.28   2.32   2.32     Arthur J. Gallaghei & Co.   2.41   0.28   2.33   2.21   2.45     Arthur J. Gallaghei & Co.   2.41   0.28   2.30   2.30     Arthur J. Gallaghei & Co.   2.41   0.28   2.30   2.30     Arthur J. Gallaghei & Co.   2.41   0.28   2.30     Arthur J. Gallaghei & Co.   2.41   0.38   0.30   2.30     Arthur J. Gallaghei & Co.   2.41   0.38   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.38   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.38   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.38   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.31   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.31   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.30   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.30   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.30   0.30   0.30   0.30     Arthur J. Gallaghei & Co.   2.41   0.30   0.30   0.30   0.30     Arthur J. Gallaghei	5 Yr. EPS Growth Rate (%)	)	19.	76		17.56			Waters Corp		2.62	0.20	2.42	3.38
Number of Stocks	Current Yield (%)		0.	68		1.27			Edwards Lifeson	ciences Corp	2.60	0.00	2.60	9.31
Port	Beta		N	I/A		1.00			Palo Alto Netw	orks Inc	2.58	0.41	2.17	29.09
Port   Markey   Ma	Number of Stocks			65		830			Advance Auto	Parts Inc.	2.57	0.12	2.45	2.32
Port									Generac Holdin	ngs Inc	2.44	0.23	2.21	-1.56
Port									Arthur J. Galla	gher & Co.	2.41	0.28	2.13	6.47
Name	Ten Best Performers (Ben	nchmark: F	Russell Midca	p Index)					Ten Worst Per	formers (Ben	chmark: Russell	Midcap Index)		
Palo Alto Networks Inc			Portfolio Wt		Active Wt	Quarterly R	Rtrn				Portfolio		rk Active Wt	Quarterly Rtr
Pure Storage Inc	Asana Inc		3.05	0.00	3.05	67.40			Boston Beer C	o Inc. (The)	0.86	0.04	0.82	-50.06
Pure Storage Inc	Palo Alto Networks Inc		2.58	0.41	2.17	29.09				, ,	1.25	0.02	1.23	-25.28
Catalent Inc         1.24         0.20         1.04         23.08         Clarivate Pic         1.36         0.09         1.27         -20.45           Tandem Diabetes Care Inc         1.33         0.07         1.26         22.57         Zendesk Inc         1.74         0.13         1.61         1-9.3           Scacler Inc         1.92         0.18         1.74         21.37         AptarGroup Inc.         1.64         0.07         1.57         15.01           Maravai LifeSciences Holdings Inc         1.19         0.05         1.14         17.61         Hormel Foods Corp         1.04         0.11         0.93         13.68           SVB Financial Group         1.61         0.33         1.28         16.26         Molson Coors Beverage Company         1.11         0.08         1.03         13.68           SVB Financial Group         1.67         0.14         1.33         15.78         ServiceMaster Global Inc.         1.27         0.05         1.22         12.60           Bio-Rad Laboratories Inc         1.05         0.29         0.76         14.79         Preshpet Inc         0.58         0.05         0.53         0.53         12.2         12.60           Buy and Hold Sector Attribution         Benchmark         Portfo	Pure Storage Inc		1.60	0.06	1.54	28.83			Lamb Weston	Holdings Inc				-23.64
Tandem Diabetes Care Inc         1.33         0.07         1.26         22.57         Zendesk Inc         1.74         0.13         1.61         -19.36           Zacaler Inc         1.92         0.18         1.74         21.37         AptarGroup Inc.         1.64         0.07         1.57         -15.01           Maravai LifeSciences Holdings Inc         1.19         0.05         1.14         17.61         Hormel Foods Corp         1.04         0.11         0.93         -13.80           SVB Financial Group         1.61         0.33         1.28         16.26         Molson Coors Beverage Company         1.11         0.08         1.03         -13.00           Bio-Rad Laboratories Inc         1.47         0.14         1.33         15.78         ServiceMaster Global Inc.         1.27         0.05         1.22         -12.60           Verisk Analytics Inc         1.05         0.29         0.76         14.79         Tentbettor         1.27         0.55         0.05         0.53         0.124         1.26         0.06         1.26         0.05         0.58         0.05         0.53         0.124         1.26         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.0			1.24	0.20	1.04	23.08			Clarivate Plc	ŭ				-20.45
Zecaler Inc	Tandem Diabetes Care Inc		1.33	0.07	1.26	22.57			Zendesk Inc		1.74	0.13		-19.36
Maravai LifeSciences Holdings Inc         1.19         0.05         1.14         17.61         Hormel Foods Corp         1.04         0.11         0.93         -13.69           SVB Financial Group         1.61         0.33         1.28         16.26         Molson Coors Beverage Company         1.11         0.08         1.03         -13.69           Bio-Rad Laboratories Inc         1.05         0.29         0.76         14.79         Pershpet Inc         0.58         0.05         0.53         1.24           Allocation         1.05         0.29         0.76         14.79         Pershpet Inc         0.58         0.05         0.53         1.24           Buy and Hold Sector Attribution (Benchmark: Russell Microstribusion (Benchmark)         Performance         Attribution         Portfolio Comparisor           Allocation         Perforlio         Benchmark         Stock         Sector         Total         Market Capitalization (%)           Communication Services         0.0         4.9         0.00         -13.54         0.00         0.62         0.62         Greater than 25000M         32.45           Consumer Discretionary         8.4         12.8	Zscaler Inc		1.92	0.18	1.74	21.37			AptarGroup Inc	).	1.64	1 0.07	1.57	-15.01
SVB Financial Group   1.61   0.33   1.28   16.26   Molson Coors Beverage Company   1.11   0.08   1.03   -13.00     Bio-Rad Laboratories Inc   1.47   0.14   1.33   15.78   ServiceMaster Global Inc   1.27   0.05   1.22   -12.66     Verisk Analytics Inc   1.05   0.29   0.76   14.79   Freshpet Inc   7   Freshpet Inc   1.27   0.05   0.05   0.53   0.124     Buy and Hold Sector Attribution (Benchmark: Russell Microp Index)   Portfolio   P	Maravai LifeSciences Holdi	ings Inc	1.19	0.05	1.14	17.61			Hormel Foods	Corp	1.04	0.11	0.93	
Bio-Rad Laboratories Inc   1.47   0.14   1.33   15.78   ServiceMaster Global Inc.   1.27   0.05   1.22   -12.66		Ü	1.61							•	npany 1.1			-13.00
Verisk Analytics Inc         1.05         0.29         0.76         14.79         Freshpet Inc         0.58         0.05         0.53         -12.44           Buy and Hold Sector Attribution (Benchmark: Russell Microstructus)         Performance         Attribution         Champlain Microstructus           Portfolio         Performance         Attribution         Market Capitalization (%)           Communication Services         0.0         4.9         0.00         -13.54         0.00         0.62         0.62         Greater than 25000M         32.45           Consumer Discretionary         8.4         12.8         -1.50         -2.43         0.08         0.07         0.14         16000M To 25000M         20.01           Consumer Staples         12.6         3.5         -9.10         -5.17         -0.49         -0.39         -0.88         12000M To 16000M         14.10           Energy         0.0         3.8         0.00         -0.13         0.00         -0.03         -0.03         8000M To 12000M         14.71         -14.49           Health Care         24.5         12.0         6.53         0.86         1.39         0.23         1.62	Bio-Rad Laboratories Inc		1.47	0.14	1.33					•		7 0.05	1.22	-12.66
Buy and Hold Sector Attribution (Benchmark: Russell Miderap Index)         Perfolio Comparison           Portfolio Portfo	Verisk Analytics Inc		1.05						Freshpet Inc				0.53	
Portfolio   Benchmark   Portfolio   Benchmark   Stock   Sector   Total   Market Capitalization (%)	Buy and Hold Sector Attril	bution (Be	enchmark: Rus	ssell Midcap Ind	lex)				,					
Communication Services 0.0 4.9 0.00 -13.54 0.00 0.62 0.62 Greater than 25000M 32.45  Consumer Discretionary 8.4 12.8 -1.50 -2.43 0.08 0.07 0.14 16000M To 25000M 20.01  Consumer Staples 12.6 3.5 -9.10 -5.17 -0.49 -0.39 -0.88 12000M To 16000M 14.10  Energy 0.0 3.8 0.00 -0.13 0.00 -0.03 -0.03 8000M To 12000M 14.37  Financials 11.8 11.8 2.48 3.54 -0.13 0.00 -0.13 5000M To 8000M 14.71  Health Care 24.5 12.0 6.53 0.86 1.39 0.23 1.62 3000M To 5000M 2.31  Industrials 17.9 15.4 -2.89 -2.46 -0.08 -0.04 -0.12 Cash 2.05  Information Technology 21.9 18.7 16.56 0.38 3.53 0.04 3.58  Materials 2.0 5.4 -15.01 -2.94 -0.24 0.07 -0.18  Real Estate 0.0 7.3 0.00 2.43 0.00 -0.25 -0.25  Utilities 0.0 4.5 0.00 -0.00 0.00 0.00 0.00 0.01 0.01			Allocation		Performance				Attribution				Champlain Mid	Сар
Consumer Discretionary         8.4         12.8         -1.50         -2.43         0.08         0.07         0.14         16000M To 25000M         20.01           Consumer Staples         12.6         3.5         -9.10         -5.17         -0.49         -0.39         -0.88         12000M To 16000M         14.10           Energy         0.0         3.8         0.00         -0.13         0.00         -0.03         -0.03         8000M To 12000M         14.37           Financials         11.8         11.8         2.48         3.54         -0.13         0.00         -0.13         5000M To 8000M         14.71           Health Care         24.5         12.0         6.53         0.86         1.39         0.23         1.62         3000M To 8000M         2.31           Industrials         17.9         15.4         -2.89         -2.46         -0.08         -0.04         -0.12         Cash         2.05           Information Technology         21.9         18.7         16.56         0.38         3.53         0.04         3.58         4.15         4.15.01         -2.94         -0.24         0.07         -0.18         -0.18         -0.25         -0.25         -0.25         -0.25         -0.25		Portfol	io Benchi	mark Portf	olio Bend	chmark	Stock	(	Sector	Total	Market Capitali	zation (%)		
Consumer Staples         12.6         3.5         -9.10         -5.17         -0.49         -0.39         -0.88         12000M To 16000M         14.10           Energy         0.0         3.8         0.00         -0.13         0.00         -0.03         -0.03         8000M To 12000M         14.37           Financials         11.8         11.8         2.48         3.54         -0.13         0.00         -0.13         5000M To 8000M         14.71           Health Care         24.5         12.0         6.53         0.86         1.39         0.23         1.62         3000M To 5000M         2.31           Industrials         17.9         15.4         -2.89         -2.46         -0.08         -0.04         -0.12         Cash         2.05           Information Technology         21.9         18.7         16.56         0.38         3.53         0.04         3.58           Materials         2.0         5.4         -15.01         -2.94         -0.24         0.07         -0.18           Real Estate         0.0         7.3         0.00         -0.39         0.00         -0.02         -0.02           Cash         1.0         0.0         0.00         0.00         0.00 <td>Communication Services</td> <td>0.0</td> <td>4.</td> <td>9 0.0</td> <td>00 -1</td> <td>3.54</td> <td>0.00</td> <td></td> <td>0.62</td> <td>0.62</td> <td>Greater than 25</td> <td>000M</td> <td>32.45</td> <td></td>	Communication Services	0.0	4.	9 0.0	00 -1	3.54	0.00		0.62	0.62	Greater than 25	000M	32.45	
Energy 0.0 3.8 0.00 -0.13 0.00 -0.03 -0.03 8000M To 12000M 14.37 Financials 11.8 11.8 2.48 3.54 -0.13 0.00 -0.13 5000M To 8000M 14.71 Health Care 24.5 12.0 6.53 0.86 1.39 0.23 1.62 3000M To 5000M 2.31 Industrials 17.9 15.4 -2.89 -2.46 -0.08 -0.04 -0.12 Cash 2.05 Information Technology 21.9 18.7 16.56 0.38 3.53 0.04 3.58 Materials 2.0 5.4 -15.01 -2.94 -0.24 0.07 -0.18 Real Estate 0.0 7.3 0.00 2.43 0.00 -0.25 -0.25 Utilities 0.0 4.5 0.00 -0.39 0.00 -0.02 -0.02 Cash 1.0 0.0 0.0 0.00 0.00 0.01 0.01	Consumer Discretionary	8.4	12.	8 -1.5	50 -:	2.43	0.08		0.07	0.14	16000M To 250	00M	20.01	
Financials 11.8 11.8 2.48 3.54 -0.13 0.00 -0.13 5000M To 8000M 14.71  Health Care 24.5 12.0 6.53 0.86 1.39 0.23 1.62 3000M To 5000M 2.31  Industrials 17.9 15.4 -2.89 -2.46 -0.08 -0.04 -0.12 Cash 2.05  Information Technology 21.9 18.7 16.56 0.38 3.53 0.04 3.58  Materials 2.0 5.4 -15.01 -2.94 -0.24 0.07 -0.18  Real Estate 0.0 7.3 0.00 2.43 0.00 -0.25 -0.25  Utilities 0.0 4.5 0.00 -0.39 0.00 -0.02 -0.02  Cash 1.0 0.0 0.0 0.00 0.00 0.00 0.01 0.01	Consumer Staples	12.6	3.	5 -9.1	0 -	5.17	-0.49		-0.39	-0.88	12000M To 160	00M	14.10	
Health Care         24.5         12.0         6.53         0.86         1.39         0.23         1.62         3000M To 5000M         2.31           Industrials         17.9         15.4         -2.89         -2.46         -0.08         -0.04         -0.12         Cash         2.05           Information Technology         21.9         18.7         16.56         0.38         3.53         0.04         3.58           Materials         2.0         5.4         -15.01         -2.94         -0.24         0.07         -0.18           Real Estate         0.0         7.3         0.00         2.43         0.00         -0.25         -0.25           Utilities         0.0         4.5         0.00         -0.39         0.00         -0.02         -0.02           Cash         1.0         0.0         0.00         0.00         0.00         0.01         0.01	Energy	0.0	3.	8 0.0	00 -	0.13	0.00		-0.03	-0.03	8000M To 1200	OM	14.37	
Industrials         17.9         15.4         -2.89         -2.46         -0.08         -0.04         -0.12         Cash         2.05           Information Technology         21.9         18.7         16.56         0.38         3.53         0.04         3.58           Materials         2.0         5.4         -15.01         -2.94         -0.24         0.07         -0.18           Real Estate         0.0         7.3         0.00         2.43         0.00         -0.25         -0.25           Utilities         0.0         4.5         0.00         -0.39         0.00         -0.02         -0.02           Cash         1.0         0.0         0.00         0.00         0.01         0.01	Financials	11.8	11.	8 2.4	8	3.54	-0.13		0.00	-0.13	5000M To 8000	М	14.71	
Industrials         17.9         15.4         -2.89         -2.46         -0.08         -0.04         -0.12         Cash         2.05           Information Technology         21.9         18.7         16.56         0.38         3.53         0.04         3.58           Materials         2.0         5.4         -15.01         -2.94         -0.24         0.07         -0.18           Real Estate         0.0         7.3         0.00         2.43         0.00         -0.25         -0.25           Utilities         0.0         4.5         0.00         -0.39         0.00         -0.02         -0.02           Cash         1.0         0.0         0.00         0.00         0.01         0.01	Health Care	24.5	12.	0 6.5	53	0.86	1.39		0.23	1.62	3000M To 5000	М		
Information Technology         21.9         18.7         16.56         0.38         3.53         0.04         3.58           Materials         2.0         5.4         -15.01         -2.94         -0.24         0.07         -0.18           Real Estate         0.0         7.3         0.00         2.43         0.00         -0.25         -0.25           Utilities         0.0         4.5         0.00         -0.39         0.00         -0.02         -0.02           Cash         1.0         0.0         0.00         0.00         0.00         0.01         0.01	Industrials	17.9	15.	4 -2.8	39 -:	2.46	-0.08		-0.04	-0.12	Cash		2.05	
Materials       2.0       5.4       -15.01       -2.94       -0.24       0.07       -0.18         Real Estate       0.0       7.3       0.00       2.43       0.00       -0.25       -0.25         Utilities       0.0       4.5       0.00       -0.39       0.00       -0.02       -0.02         Cash       1.0       0.0       0.00       0.00       0.00       0.01       0.01	Information Technology	21.9	18.	7 16.5	56	0.38	3.53		0.04	3.58				
Real Estate       0.0       7.3       0.00       2.43       0.00       -0.25       -0.25         Utilities       0.0       4.5       0.00       -0.39       0.00       -0.02       -0.02         Cash       1.0       0.0       0.00       0.00       0.01       0.01	Materials	2.0	5.	4 -15.0	)1 -:	2.94	-0.24		0.07	-0.18				
Utilities     0.0     4.5     0.00     -0.39     0.00     -0.02     -0.02       Cash     1.0     0.0     0.00     0.00     0.01     0.01	Real Estate	0.0			00	2.43			-0.25					
Cash 1.0 0.0 0.00 0.00 0.00 0.01 0.01	Utilities	0.0	4.	5 0.0	00 -	0.39	0.00		-0.02	-0.02				
	Cash	1.0	0.	0.0	00	0.00			0.01	0.01				
	Total	100.0	100.			0.94			0.30					



Portfolio Characteristics (Benchmark: Russell 2000 Growth Index)							
	Portfolio	Benchmark					
Wtd. Avg. Mkt. Cap (\$)	5,350,218,367	3,709,619,097					
Median Mkt. Cap (\$)	3,828,289,080	1,327,750,170					
Price/Earnings ratio	38.13	24.84					
Price/Book ratio	4.43	5.13					
5 Yr. EPS Growth Rate (%)	23.59	19.58					
Current Yield (%)	0.15	0.40					
Beta (5 Years, Monthly)	0.87	1.00					
Number of Stocks	54	1,226					

Top Ten Equity Holdings (Benchmark: Russell 2000 Growth Index)										
	Portfolio Wt	Benchmark Wt	Active Wt	Qtr Rtrn						
ExlService Holdings Inc	3.31	0.27	3.04	15.87						
Littelfuse Inc	3.12	0.00	3.12	7.46						
Icon PLC	3.07	0.00	3.07	26.76						
SPS Commerce Inc	3.01	0.39	2.62	61.55						
Omnicell Inc	2.88	0.43	2.45	-1.99						
Bio-Techne Corp	2.85	0.00	2.85	7.69						
Ameris Bancorp	2.80	0.00	2.80	2.76						
The Shyft Group Inc	2.79	0.09	2.70	1.67						
Descartes Systems Group Inc (The)	2.76	0.00	2.76	17.50						
Envestnet Inc	2.59	0.27	2.32	5.77						
Ten Worst Performers (Benchmark	: Russell 2000	Growth Index)								

Ten Best Performers (Benchmark: Russell 2000 Growth Index)										
	Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn						
Grid Dynamics Holdings Inc	0.75	0.08	0.67	94.41						
SPS Commerce Inc	3.01	0.39	2.62	61.55						
Echo Global Logistics Inc	1.86	0.03	1.83	55.21						
Paylocity Holding Corp	2.51	0.00	2.51	46.96						
Evolent Health Inc	0.76	0.03	0.73	46.78						
Repligen Corp	1.13	0.00	1.13	44.77						
Monolithic Power Systems Inc	1.18	0.00	1.18	29.95						
Icon PLC	3.07	0.00	3.07	26.76						
NAPCO Security Technologies Inc	2.28	0.04	2.24	18.45						
Descartes Systems Group Inc (The)	2.76	0.00	2.76	17.50						

Ten Worst Performers (Benchmark: Russell 2000 Growth Index)						
Portfolio Wt	Benchmark Wt	Active Wt	Quarterly Rtrn			
1.15	0.00	1.15	-37.77			
1.98	0.00	1.98	-28.35			
1.82	0.32	1.50	-21.65			
1.44	0.35	1.09	-19.53			
1.55	0.06	1.49	-18.78			
2.25	0.00	2.25	-18.16			
0.53	0.00	0.53	-15.23			
0.83	0.06	0.77	-14.52			
1.65	0.07	1.58	-12.82			
2.20	0.12	2.08	-9.27			
	1.15 1.98 1.82 1.44 1.55 2.25 0.53 0.83 1.65	Portfolio Wt         Benchmark Wt           1.15         0.00           1.98         0.00           1.82         0.32           1.44         0.35           1.55         0.06           2.25         0.00           0.53         0.00           0.83         0.06           1.65         0.07	Portfolio Wt         Benchmark Wt         Active Wt           1.15         0.00         1.15           1.98         0.00         1.98           1.82         0.32         1.50           1.44         0.35         1.09           1.55         0.06         1.49           2.25         0.00         2.25           0.53         0.00         0.53           0.83         0.06         0.77           1.65         0.07         1.58			

	Alloc	cation	Performance		Attribution			Summit Creek	
	Portfolio	Benchmark	Portfolio	Benchmark	Stock	Sector	Total	Market Capitalization (%)	
Communication Services	2.0	3.0	6.36	-11.52	0.35	0.06	0.41	16000M To 25000M	7.09
Consumer Discretionary	13.4	15.2	-10.01	-6.12	-0.52	0.01	-0.51	12000M To 16000M	3.65
Consumer Staples	1.9	3.6	-37.77	-5.80	-0.61	0.00	-0.60	8000M To 12000M	5.73
Energy	0.0	2.0	0.00	-1.12	0.00	-0.09	-0.09	5000M To 8000M	15.74
inancials	6.0	4.9	2.10	-1.28	0.20	0.05	0.25	3000M To 5000M	31.15
Health Care	22.0	30.5	-1.29	-11.63	2.28	0.51	2.79	1000M To 3000M	26.82
ndustrials	16.4	13.4	8.92	-0.10	1.48	0.17	1.65	500M To 1000M	5.53
nformation Technology	35.2	21.3	14.15	-1.11	5.37	0.61	5.99	200M To 500M	1.33
/laterials	0.0	3.0	0.00	-6.99	0.00	0.04	0.04	Cash	2.96
Real Estate	0.0	2.8	0.00	-0.09	0.00	-0.15	-0.15		
Jtilities	0.0	0.3	0.00	6.92	0.00	-0.03	-0.03		
Cash	3.1	0.0	0.00	0.00	0.00	0.17	0.17		
<b>Total</b>	100.0	100.0	4.35	-5.55	8.55	1.35	9.90		



## **Fund Information**

Fund Name: T Rowe Price Small-Cap Value Fund, Inc; Class I Shares

Fund Family: T. Rowe Price Associates Inc

Ticker: PRVIX

Inception Date: 08/28/2015

Fund Assets: \$1,973 Million

Portfolio Turnover: 28%

Portfolio Assets: \$13,586 Million
Portfolio Manager: J. David Wagner

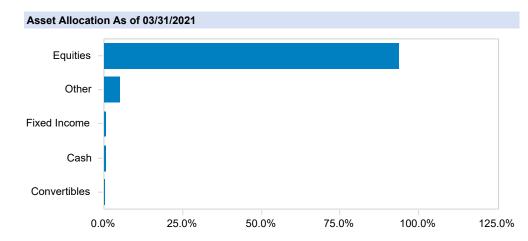
PM Tenure: 2015

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

Style Benchmark: Russell 2000 Index

## **Fund Investment Policy**

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



Top Ten Securities As of 03/31/2021	
Western Alliance Bancorp ORD	1.5 %
Live Oak Bancshares Inc ORD	1.1 %
Home BancShares Inc ORD	1.1 %
BankUnited Inc ORD	1.0 %
Pinnacle Financial Partners Inc	1.0 %
Hannon Armstrong Sustainable Infrastruct	1.0 %
Littelfuse Inc ORD	0.9 %
Belden Inc ORD	0.9 %
WSFS Financial Corp ORD	0.9 %
PennyMac Financial Services Inc	0.9 %

## Fund Characteristics As of 03/31/2021

Total Securities 301

ai occurrico 501

Avg. Market Cap \$3,922 Million

 P/E
 34.7

 P/B
 3.7

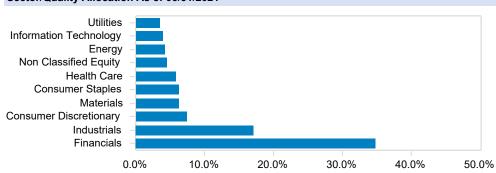
 Div. Yield
 1.8%

 Annual EPS
 3.5

 5Yr EPS
 10.1

 3Yr EPS Growth
 7.6

## Sector/Quality Allocation As of 03/31/2021





## **Fund Information**

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: 89%

Portfolio Assets: -

Portfolio Manager : Nori/Docal/Nagle PM Tenure : 1999--2001--2018

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

Style Benchmark: MSCI EAFE IMI Value

## **Fund Investment Policy**

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

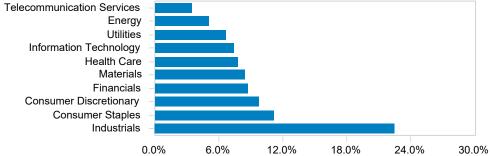
# Asset Allocation As of 04/30/2021 Equities Cash Other Convertibles Fixed Income 0.0% 50.0% 100.0% 150.0%

Top Ten Securities As of 04/30/2021	
Institutional Money Market Portfolio	4.1 %
Deutsche Telekom AG ORD	3.4 %
Samsung Electronics Co Ltd ORD	3.3 %
Hitachi Ltd ORD	3.0 %
E.ON SE ORD	2.8 %
AIA Group Ltd ORD	2.5 %
Sumitomo Mitsui Financial Group	2.5 %
Veolia Environnement SA ORD	2.5 %
Sony Group Corp ORD	2.4 %
Taiwan Semiconductor Manufacturing	2.4 %

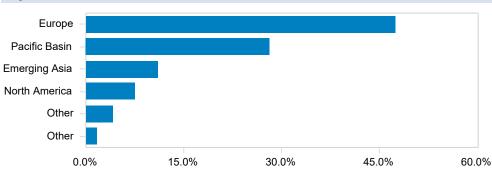
Top 5 Countries As of 04/30/2021				
Japan	24.4 %			
United Kingdom	13.7 %			
Germany	12.8 %			
France	6.6 %			
Korea	4.9 %			

Fund Characteristics	As of 04/30/2021
Total Securities	60
Avg. Market Cap	\$88,608 Million
P/E	25.1
P/B	2.9
Div. Yield	2.8%
Annual EPS	1.4
5Yr EPS	4.2
3Yr EPS Growth	-1.5

## Sector/Quality Allocation As of 04/30/2021



## Regional Allocation As of 04/30/2021





## **Fund Information**

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

Fund Family: MFS Investment Management

Ticker: MIEIX Inception Date: 01/31/1996

Fund Assets: \$12,805 Million

Portfolio Turnover: 13%

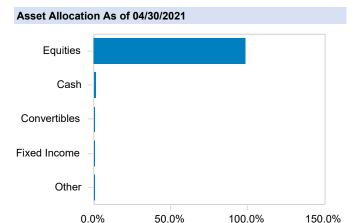
Portfolio Assets : \$12,805 Million
Portfolio Manager : Ling/Benzinho
PM Tenure : 2009--2016

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.

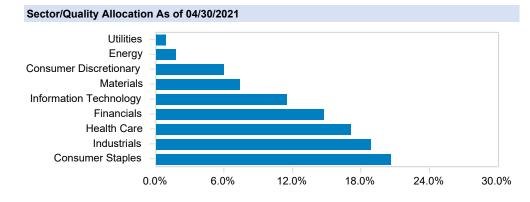


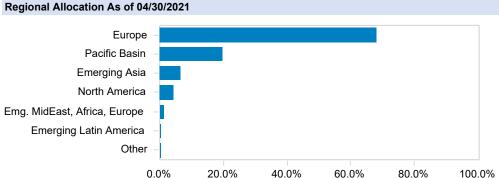
Top Ten Securities As of 04/30/2021	
Nestle SA ORD	3.7 %
Schneider Electric SE ORD	3.2 %
AIA Group Ltd ORD	2.8 %
L'Air Liquide Societe Anonyme pour	2.8 %
Roche Holding AG	2.8 %
LVMH Moet Hennessy Louis Vuitton	2.6 %
SAP SE ORD	2.3 %
Hitachi Ltd ORD	2.0 %
Daikin Industries Ltd ORD	2.0 %
Novo Nordisk A/S ORD	1.9 %

Top 5 Countries As	of 04/30/2021
France	18.4 %
Japan	15.7 %
Switzerland	13.8 %
United Kingdom	9.9 %
Germany	8.9 %
Fund Characteristi	cs As of 04/30/2021
Total Securities	84
Avg. Market Cap	\$104,989 Million
P/E	33.1
P/B	4.8
Div. Yield	1.9%
Annual FPS	

5.0

0.5





5Yr EPS

3Yr EPS Growth



## As of September 30, 2021

## **Fund Information**

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

Investor Shares

Fund Family: Vanguard Group Inc

**VMMSX** Ticker:

06/14/2011 Inception Date: \$1,028 Million Fund Assets:

Portfolio Turnover: 52% Portfolio Manager: Team Managed

PM Tenure:

Fund Style:

IM Emerging Markets Equity (MF) Style Benchmark: MSCI Emerging Markets Index

\$1,028 Million

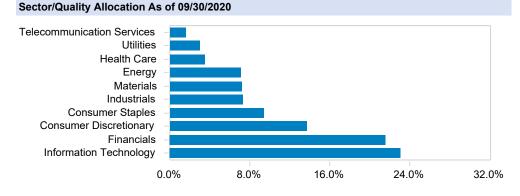
## **Fund Investment Policy**

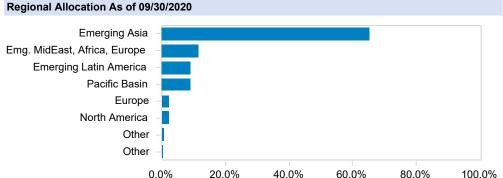
The Fund seeks long-term capital appreciation. The Fund invests in small-, mid-, and large-capitalization companies and is expected to diversify its assets among companies located in emerging markets around the world. The Fund invests at least 80% of its assets in common stocks of companies located in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

## Asset Allocation As of 09/30/2020 Equities Cash Fixed Income Other Convertibles 0.0% 50.0% 100.0% 150.0%

Top Ten Securities As of 09/30/2020	
Tencent Holdings Ltd ORD	5.7 %
Taiwan Semiconductor Manufacturing	4.8 %
Alibaba Group Holding Ltd ORD	4.7 %
Ping An Insurance Group Co of China	2.0 %
Reliance Industries Ltd ORD	2.0 %
Alibaba Group Holding Ltd DR	2.0 %
MediaTek Inc ORD	1.7 %
Taiwan Semiconductor Manufacturing	1.6 %
Sberbank Rossii PAO DR	1.5 %
Samsung Electronics Co Ltd ORD	1.5 %

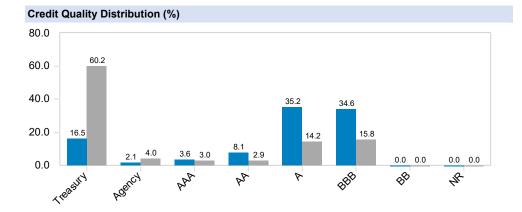
Top 5 Countries As o	f 09/30/2020
China	33.4 %
Taiwan	12.1 %
India	8.6 %
Korea	7.2 %
Hong Kong	6.8 %
Fund Characteristics	As of 09/30/2020
Total Securities	293
Avg. Market Cap	\$156,063 Million
P/E	25.5
P/B	4.3
Div. Yield	3.0%
Annual EPS	15.7
5Yr EPS	12.5
3Yr EPS Growth	17.5

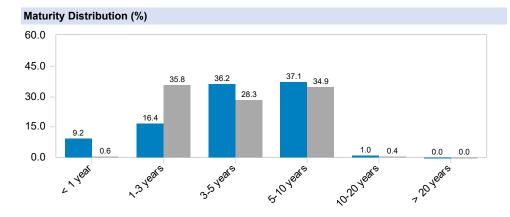


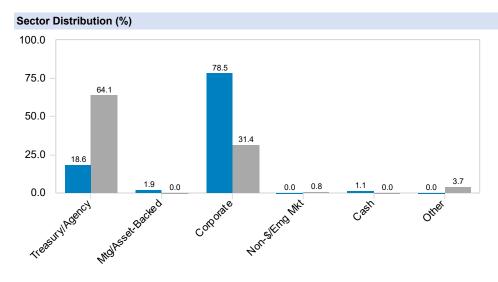


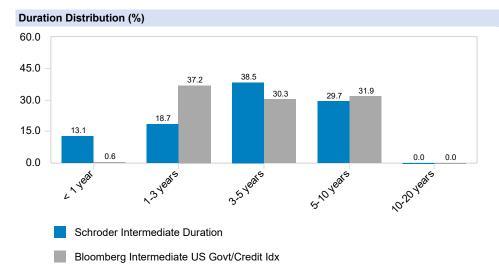


Portfolio	Benchmark
5.08	4.55
A	AA
2.15	2.02
2.08	1.89
4.13	4.13
	5.08 A 2.15 2.08











				As of coptember 60, 202
	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Employee's Total Fund	0.40	614,140,396	2,453,726	
Domestic Equity				
NTGI R1000 Index Fund	0.04	191,892,843	77,568	0.06 % of First \$50 M 0.04 % of Next \$50 M 0.03 % Thereafter
Champlain Mid Cap	0.85	33,109,053	281,427	0.85 % of Assets
NTGI S&P 400	0.05	29,415,356	14,708	0.05 % of First \$100 M 0.02 % Thereafter
T Rowe Price	0.72	18,798,848	135,352	0.72 % of Assets
Summit Creek	1.00	18,835,568	188,356	1.00 % of Assets
International Equity				
Templeton	0.81	48,779,551	395,114	0.81 % of Assets
MFS	0.71	51,607,131	366,411	0.71 % of Assets
Vanguard EM	0.93	30,208,409	280,938	0.93 % of Assets
Domestic Fixed Income				
NTGI Government / Credit	0.05	43,189,440	21,595	0.05 % of First \$100 M 0.02 % Thereafter
Schroder Intermediate Duration	0.22	104,954,722	230,900	0.22 % of Assets
Real Estate				
PGIM	1.00	29,391,136	293,911	1.00 % of Assets
Principal Enhanced Property Fund, LP	1.20	13,953,845	167,446	1.20 % of Assets
Cash	0.00	4,494	-	0.00 % of Assets



<sup>\*</sup> 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	0.06	9.25	22.70	10.64	10.94	10.97
Sioux Falls Total Policy	-0.50	8.66	22.18	10.87	11.09	11.04
Total Domestic Equity	0.63	16.04	35.73	15.12	16.31	15.73
Russell 3000 Index	-0.10	14.99	31.88	16.00	16.85	16.60
NTGI R1000 Index Fund	0.22	15.20	30.77	N/A	N/A	N/A
Russell 1000 Index	0.21	15.19	30.96	16.43	17.11	16.76
Champlain Mid Cap	3.11	17.62	38.88	N/A	N/A	N/A
Russell Midcap Index	-0.93	15.17	38.11	14.22	14.39	15.52
NTGI S&P 400	-1.76	15.50	43.65	11.12	12.97	14.75
S&P MidCap 400 Index	-1.76	15.52	43.68	11.08	12.97	14.72
Γ Rowe Price	1.47	20.06	53.89	11.31	13.96	14.32
Russell 2000 Value Index	-2.98	22.92	63.92	8.58	11.03	13.22
Summit Creek	3.73	16.76	46.83	19.11	22.18	N/A
Russell 2000 Growth Index	<b>-</b> 5.65	2.82	33.27	11.70	15.34	15.74



	QTR	FYTD	1 YR	3 YR	5 YR	10 YR
Total International Equity	-3.26	5.11	25.09	7.57	8.89	7.89
MSCI AC World ex USA (Net)	-2.99	5.90	23.92	8.03	8.94	7.48
Templeton	-2.96	5.52	29.44	2.69	5.54	6.02
MSCI EAFE Value Index (Net)	-0.97	9.61	30.66	3.04	5.96	5.97
MFS	-0.18	7.87	22.93	10.96	11.51	10.05
MSCI EAFE Growth Index (Net)	0.07	6.88	20.87	11.91	11.41	10.06
/anguard EM	-8.55	0.60	24.13	9.88	9.81	N/A
MSCI Emerging Markets (Net) Index	-8.09	-1.25	18.20	8.58	9.23	6.09
Total Domestic Fixed Income	0.07	-1.20	-0.35	5.41	2.91	4.07
Blmbg. U.S. Aggregate Index	0.05	-1.56	-0.90	5.35	2.94	3.01
Schroder Intermediate Duration	0.09	-0.86	0.01	5.28	3.10	3.62
Bloomberg Intermediate US Govt/Credit Idx	0.02	-0.87	-0.40	4.63	2.60	2.52
ITGI Government / Credit	0.04	-1.90	-1.08	5.95	3.24	3.23
Blmbg. U.S. Gov't/Credit	0.04	-1.93	-1.13	5.94	3.24	3.24
otal Real Estate	7.07	13.65	15.30	7.23	7.36	9.43
NCREIF Fund Index-ODCE (EW) (Net)	6.75	13.51	14.83	6.84	7.07	9.22
PGIM	7.53	13.57	14.96	7.26	7.30	9.41
NCREIF Fund Index-ODCE (VW)	6.59	13.11	14.59	7.05	7.50	9.92
rincipal Enhanced Property Fund, LP	6.14	14.02	16.32	7.24	N/A	N/A
NCREIF Fund Index-ODCE (EW) (Net)	6.75	13.51	14.83	6.84	7.07	9.22
Cash	0.01	0.02	0.03	1.13	1.09	N/A
90 Day U.S. Treasury Bill	0.02	0.04	0.07	1.18	1.15	0.61



## **Statement of Investment Policies and Objectives**

## City of Sioux Falls Employee's Retirement System

## Introduction

This investment policy is intended to allow for sufficient flexibility in money management to ensure the capture of investment opportunities, yet provide broad parameters that will ensure prudence and care in the execution of the investment program. It is the goal of the Board of Trustees to act with due care, skill, and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with these matters would use in the conduct of an enterprise of a like character and with like aims. These policies will provide the necessary guidance for the actions of the Board of Trustees, treasurer, investment consultant, and investment managers.

## **Objectives**

- To meet the long-term investment requirements of the Retirement System in providing adequate retirement benefits to plan members and beneficiaries through the prudent investment of assets—investments designed to adequately fund the plan's liabilities and provide diversification so as to optimize the rate of return while maintaining a prudent level of risk.
- 2. Achieve a rate of return on investments that meets or exceeds the established actuarial rate of return assumption over a five-year time frame.
- To provide a sufficient degree of flexibility in managing the Fund assets to meet the changing needs of the employee and their beneficiaries and adapt to changing economic environments.

## **Philosophy**

The Board of Trustees will determine appropriate risk exposure to the Retirement System by establishing a target asset allocation and allocation ranges. These target allocations shall be based upon asset/liability and asset allocation modeling to ensure that the plan has assumed the appropriate amount of risk for the return necessary to meet and/or exceed the objectives listed above.

All investments will be made based on optimizing plan returns without regard to social, political, or other non-economic concerns of individual companies, industries, countries, or areas.

85

Page 71 1 1

In addition to the guidelines and procedures set forth herein, all applicable statutes shall be rigorously adhered to. In particular, investments will conform to all City, State, and Federal statutes governing investment and operations of the Retirement System.

## **Distinction of Responsibilities**

The Board of Trustees believes that it is their responsibility to establish the overall investment policy, including setting the asset allocation targets and ranges, approving investment manager policies, and making decisions regarding manager selection and retention for the Retirement System. The Board of Trustees authorizes the treasurer to manage the day-to-day operations of the investment program working with the investment consultant, investment managers, and custodial bank as appropriate.

Responsibilities of the treasurer, investment consultant, and investment managers include:

The treasurer is authorized to manage the day-to-day investment operations of the Retirement System. This includes, but is not limited to, overseeing the activities of the investment consultant and custodial bank, reviewing manager performance, and rebalancing the allocations to target ranges. The treasurer is responsible for reporting changes in the investment program to the Board of Trustees on a timely basis.

The investment consultant shall be responsible for providing performance analytics, making recommendations regarding specific managers and investment allocations, providing timely research and information relative to adverse conditions regarding a specific manager, recommending changes in investment managers and asset classes, and making presentations to the Boards as necessary.

The investment managers are responsible for making strategic decisions within their assigned mandates concerning the appropriate mix of equities and/or fixed income, and the prices at which securities are bought and sold.

## **Prohibitions**

Investment managers are prohibited from using any securities whose effect would be to leverage the portfolio or whose expected returns are significantly unlike those expected from their appropriate asset class.



Page 72 2 11/04/20

## Diversification

The Retirement System's assets will be well diversified to reduce the risks of large losses. To achieve this diversification, the following policies have been adopted:

- Each asset class, such as stocks and bonds, will be broadly diversified to be similar to the market for the asset class.
- Equity portfolio holdings will include diversifying alternative investments such as equity real estate.
- Short term fixed income investments, defined as fixed income issues
  maturing in less than one year, will be managed to add value. Credit risk
  will be avoided in these investments since the intent is to dampen overall
  volatility.
- Multiple managers will be employed. Target allocations among the managers will be established by the Board of Trustees to maintain both diversification and policy guidelines. The treasurer shall maintain manager allocations within reasonable tolerances of their investment targets.

Target allocations and ranges are outlined in Exhibit A

## Rebalanced to Targets

The Board of Trustees recognizes that the Fund may become out of balance with respect to specific target ranges. The treasurer shall rebalance to target ranges from time to time as is necessary to maintain the target range equilibrium as specified. From time to time the Board of Trustees may authorize the treasurer to remain outside of target ranges based on current market conditions.

## **Control and Review Procedures**

## Liquidity

It is expected that in the normal course of business, it will be necessary to liquidate a portion of the assets to fund benefit payments. The treasurer shall direct the liquidation of assets necessary to maintain the necessary liquidity for the payment of benefits and administrative costs.



Page 73 3 11/04/20

## **Policy Review**

The various policies and objectives of the Retirement System will be reviewed periodically. These reviews will focus on the continued feasibility of the objectives, and the continued appropriateness of the investment policies for achieving the objectives. Although this statement will be reviewed on a consistent basis, it is not anticipated that objectives and policies will be altered frequently.

## Performance Review

It is expected that the total Fund will at least perform in the top one-half of plans with similar risk over a complete market cycle, not to exceed five years. Risk will be measured as volatility or standard deviation of returns. Progress toward achieving performance objectives will be reviewed from time to time by the Board. These reviews will focus on adherence to policy and the opportunities available in the investment markets. Particular attention will be directed to reviewing performance relative to the risks; this will be achieved by comparing performance to plans with similar risk. It is believed that the performance expectation set forth in the Statement of Investment Policy is reasonable and consistent in the long run. Adherence to policy means conforming to the asset allocation, diversification, and risk guidelines set forth in the policy statement.

In regard to the individual managers, their performance and adherence to policy will also be reviewed quarterly. Each manager will have individualized policies and objectives as established by the Board and agreed to by the manager. Manager reviews will focus on adherence to policy, progress toward achievement of objectives, and performance relative to opportunities. Each manager is expected to perform in at least the top one-half of managers with a similar style over a market cycle not to exceed five years.

## **Measurement Standards**

The Board of Trustees retains its rights to terminate managers for any number of reasons. The following factors are specific circumstances that, notwithstanding overriding factors of retention, may result in termination:

- A significant change in the organizational structure, management style, or personnel of the organization which contributes to a lack of confidence that the manager can produce acceptable results in the future.
- Failure to achieve acceptable performance relative to the respective index and to managers with a similar style set forth in the individual manager policy

## Communication



Page 74 4 11/04/20

The Board, treasurer, investment consultant, and the investment managers recognize that frequent communication between the parties is a keystone to appropriate management of the Fund. The Board will report promptly to the investment manager significant changes in its assessment of the income requirements, risk taking capabilities, or other vital characteristics of the Fund.

Recognizing the dynamic nature of the capital markets, it is the obligation of the investment managers to report to the Board any suggestions or alterations in their guidelines considered desirable for the achievement of satisfactory investment results. Revisions will be considered from time to time.

The investment managers (or consultant or custodian, where appropriate) are obligated to provide the necessary reports either in person or in writing to the treasurer and/or Board of Trustees that are necessary to make timely and well-informed decisions regarding the investment of the Retirement System's assets.

## **Security Transactions**

The investment managers shall execute all trades in the best interest of plan participants utilizing high quality brokerage firms and achieving the best execution.

## **Proxy Voting**

The Board of Trustees endorses the Department of Labor position that proxies are assets of the plan, and has adopted the following policy. The Board of Trustees have delegated the right to vote common stock shares to the separate account investment fund managers. All proxies must be voted in the long-term, economic interest of the Plan participants. Each investment fund manager is required to send a copy of its written proxy policy and guidelines to the Trustees and to submit quarterly reports on its proxy voting activities. Proxy votes of securities held in pooled funds or mutual funds are not required to be reported to either the Board of Trustees or Pension Investment Committee



Page 75 5 11/04/20

## Sioux Falls Investment Policy Statement Exhibit A

## **Asset Allocation by Manager Styles**

Asset Class	Min	Target	Max
Domestic Equity*	30%	46%	55%
US Broad Market Index	25%	30%	35%
US Midcap Equity	5%	10%	15%
US Small Cap Equity	1%	6%	10%
International Equity	17%	22%	27%
Broad ACWI x-US Core	12%	16.5%	20%
Emerging Markets Equity	2%	5.5%	9%
Total Fixed Income	20%	25%	30%
US Core Intermediate Fixed Income	10%	17.5%	25%
US Government / Credit Fixed Income	2%	7.5%	12%
Real Estate	2%	7%	12%
Open Ended Core Real Estate (Private)	2%	5%	10%
Open Ended Real Estate Value Add /Opportunistic	0%	2%	5%
Short Term/Cash	0%	0%	5%
TOTAL	-	100%	

Active	Return

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

## Alpha

- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.

## Beta

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

## Consistency

- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.

## Distributed to Paid In (DPI)

- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.

## **Down Market Capture**

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

## **Downside Risk**

- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.

## **Excess Return**

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

## Excess Risk

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

## Information Ratio

- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.

## **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.

AndCo uses time-weighted calculations which are founded on standards recommended by the CFA Institute. The calculations and values shown are based on information that is received from custodians. AndCo analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides AndCo with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides AndCo with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause AndCo to believe that the information presented is significantly misstated.

This performance report is based on data obtained by the client's custodian(s), investment fund administrator, or other sources believed to be reliable. While these sources are believed to be reliable, the data providers are responsible for the accuracy and completeness of their statements. Clients are encouraged to compare the records of their custodian(s) to ensure this report fairly and accurately reflects their various asset positions.

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