# Florida Municipal Pension Trust Fund – DB 70% Equity Allocation Executive Summary

As of March 31, 2019

## 70% Equity Allocation

- The equity markets rebounded from their painful fourth quarter, helping the 70% Equity Allocation to outpace the Target Index (up 10.7% vs up 9.9%) while also ranking in the top 3<sup>rd</sup> percentile of the public fund peer group in the first quarter.
- Over the past 5 years, this allocation posted an absolute return of 7.0% while ranking in the top 4<sup>th</sup> percentile of its peer group of public defined benefits plans.
- Over the past 10 years, this allocation is up 10.8% on average annually. While this performance is modestly behind the index, it ranks in the top 8<sup>th</sup> percentile of the peer group, with the risk controlled nature of many of the underlying strategies providing downside protection should the markets moderate.

## FMIvT Broad Market High Quality Bond Fund

- The Broad Market High Quality Bond Fund (up 2.1%) struggled to keep up with the BloomBar US Aggregate A+ benchmark (2.5%) in the first quarter. However, this strategy matched the performance of the benchmark over the past year, both up 4.4%.
- The fund has displayed a consistent pattern of performance, posting absolute returns of 2.9% on average annually over the past 10 years. This slightly trails the benchmark (up 3.4%), with the high quality focus providing a headwind, particularly over the past several years.
- The portfolio's conservative risk profile and high quality bias are in line with the objectives for this fund. This bias has rewarded investors in the form of a more favorable relative risk-adjusted return comparison over the long-term.

### FMIvT Core Plus Fixed Income Fund

- The Expanded High Yield Bond Fund struggled to keep pace with the BloomBar High Yield 2% Constrained Index and the high yield bond peer group in the first quarter, as poor security selection and modest exposure to the strongly-performing lowest quality sectors hindered results.
- The fund has turned in strong absolute returns over the past 3 years, rising 6.1% and capitalizing on the robust performance in the high yield marketplace. Over the past 10 years, this fund has far outpaced the returns of the other FMIvT fixed income options, returning 9.0% annually.
- While performance has failed to keep pace with an even more rapid advance in the benchmark and peer group since inception, the strategy's modest risk profile offers downside protection and has resulted in favorable comparisons on a risk-adjusted basis.

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As of March 31, 2019

## FMIvT Diversified Large Cap Equity Portfolio

- The Diversified Large Cap Equity Portfolio was created in October 2017. The fund is allocated 60% to the Intech US Broad Enhanced Plus Fund, and 20% each to the Hotchkis & Wiley Diversified Value Fund and the Atlanta Capital High Quality Growth Fund. This fund provides investors with exposure to core, value, and growth opportunities within the US large cap equity space.
- This strategy bounced back from a very difficult fourth quarter, outpacing the Russell 1000 Index by nearly 150 basis points while ranking in the top 10<sup>th</sup> percentile of the US Large Cap Core Equity managers in the first quarter of 2019.
- Exposure to US large cap growth stocks has been extremely additive over the most recent time periods with the Atlanta Capital High Quality Growth Fund posting the strongest 1 year results (up 21.3%) of all equity accounts in the FMIvT lineup.

## FMIvT Diversified Small to Mid Cap Equity Fund

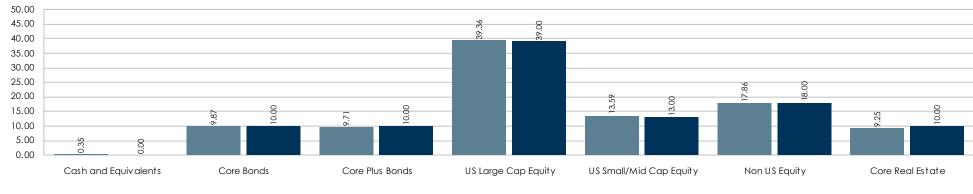
- This strategy nearly recouped the losses experienced in the fourth quarter, achieving a 16.2% return in the first quarter, which outpaced the SMID Benchmark (up 15.8%). Over the past 5 years, the fund has outperformed the benchmark by nearly 560 basis points while ranking in the 2<sup>nd</sup> percentile of its peer group of US Small-Mid Cap Core Equity managers.
- This strategy has generated very strong results over the past 10 years, rising 19.1% on average annually compared with 16.1% for the benchmark. Furthermore, the fund ranked in the top 9<sup>h</sup> percentile of its peer group, with a more modest risk profile and very strong risk-adjusted returns.

### FMIvT International Equity Portfolio

- In October 2017, a ten percent allocation to emerging markets (Wells Capital Berkeley Street Emerging Markets Fund) was added to this portfolio.
- The portfolio rebounded from the difficulties it faced in the fourth quarter, and outperformed the MSCI ACWI ex US in the first quarter (up 13.2% vs 10.4%) while also ranking in the top 15<sup>th</sup> percentile of its peer group. With the headwinds that the international equity markets have faced over the past year, this portfolio has protected on the downside, achieving nearly 120 basis points of excess return over the benchmark.
- This portfolio failed to keep up with the international markets over the past 10 years, but has posted strong absolute returns over that time (up 7.2% on average annually).
- This strategy is intended to provide strong diversification across the broad spectrum of equity markets outside the US, with exposure to both developed and emerging markets.

### FMIvT Core Real Estate Portfolio

- This fund was added to the FMIvT lineup in March of 2018 with the objective to provide broad exposure to the core commercial real estate markets.
- In June 2018, the manager (Morgan Stanley Prime Property Fund) called down an additional commitment of \$75 million which increases the total commitment thus far to \$100 million.
- The FMIvT Core Real Estate Portfolio (up 1.3%) outperformed the NFI ODCE Net benchmark (up 1.2%) in the first quarter, and has outpaced the benchmark by 127 basis points in the 1 year since inception.

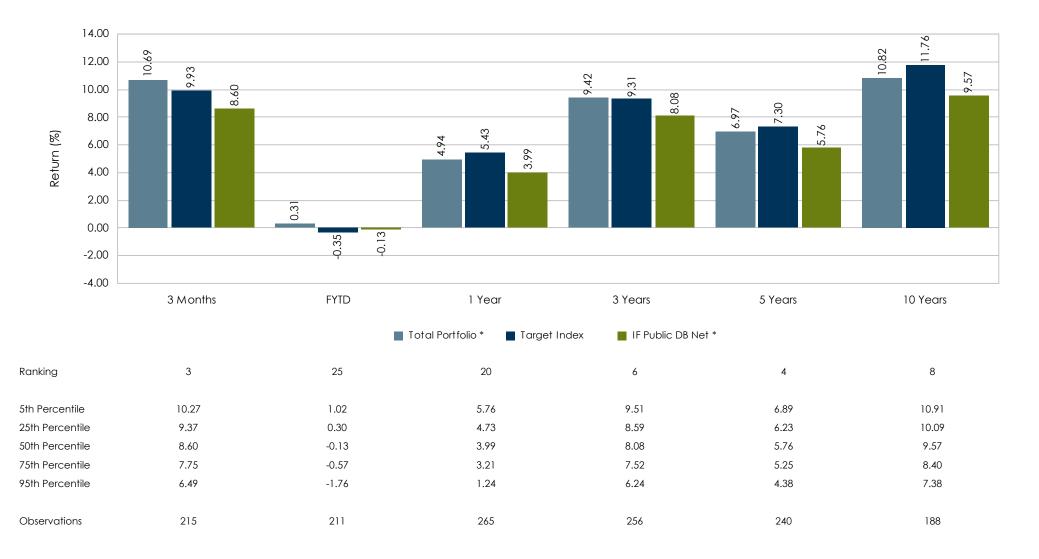


For the Period Ending March 31, 2019

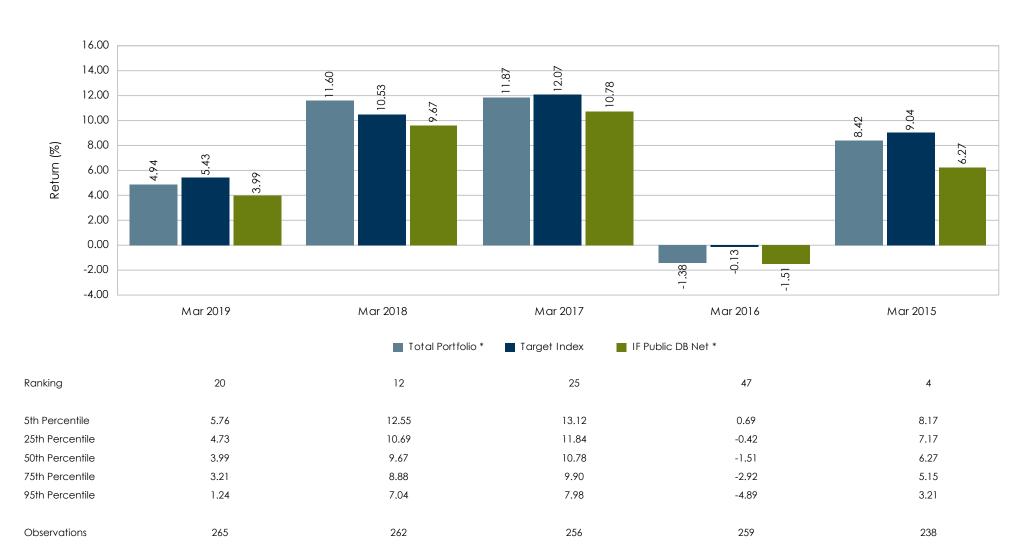
Actual Allocation Target Allocation

	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	Over/Under Target (%)
Total Portfolio	166,122	100.00	100.00	
Cash and Equivalents	587	0.35	0.00	0.35
Fixed Income	32,531	19.58	20.00	-0.42
Core Bonds	16,398	9.87	10.00	-0.13
Core Plus Bonds	16,133	9.71	10.00	-0.29
Equity	117,630	70.81	70.00	0.81
US Equity	87,963	52.95	52.00	0.95
US Large Cap Equity	65,384	39.36	39.00	0.36
US Small/Mid Cap Equity	22,579	13.59	13.00	0.59
Non US Equity	29,667	17.86	18.00	-0.14
Core Real Estate	15,374	9.25	10.00	-0.75

For the Periods Ending March 31, 2019

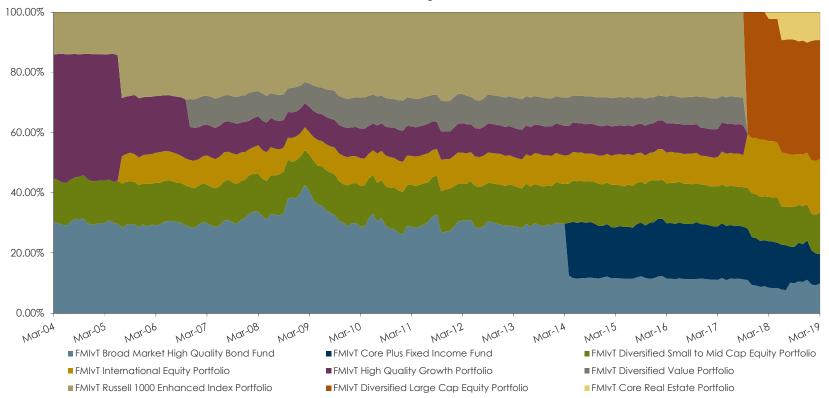


The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.



For the One Year Periods Ending March

The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.



#### **Historical Manager Allocation**

January 2004: Initial allocation to Broad Market HQ Bond, HQ Growth Equity, Russell 1000, and Small Cap. February 2004: Increased equity portfolio exposure through reduction in the Broad Market HQ Bond Fund. May 2005: Added International exposure; increased the Large Core allocation to reduce the Fund's growth bias. November 2006: Added Large Cap Value allocation to balance the style exposure. April 2014: Added Core Plus Fixed Income. October 2017: FMIvT Diversified Large Cap Equity Portfolio was created, which combines the large cap core, value, and growth portfolios.

March 2018: Added Core Real Estate Portfolio.

# Performance vs. Objectives

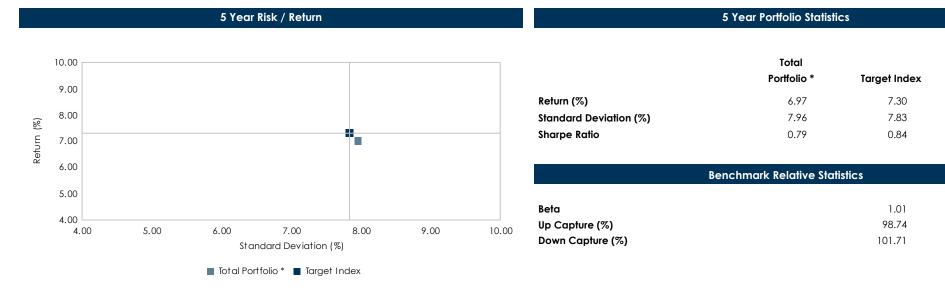
For the Periods Ending March 31, 2019

	Benchmark (%)	Rank	Total Portfolio (%)	Rank	Objective Met?	Benchmark (%)	Rank	Total Portfolio (%)	Rank	Objective Met?
			5 Years					10 Years		
The Total Portfolio's annualized total return should exceed the total return of the Target Index.	7.30		6.97 *		No	11.76		10.82 *		No
The Total Portfolio's annualized total return should rank at median or above when compared to the IF Public DB Net universe.	5.76 *	50th	6.97 *	4th	Yes	9.57 *	50th	10.82 *	8th	Yes

Performance and Statistics are calculated using monthly return data. \* Indicates net of fee data.

Target Index: Effective October 2017, the index consists of 20.0% BloomBar US Aggregate, 39.0% S&P 500, 13.0% Russell 2500, 18.0% MSCI ACWI ex US, 10.0% NFI ODCE Net.

For the Periods Ending March 31, 2019



### 5 Year Growth of a Dollar



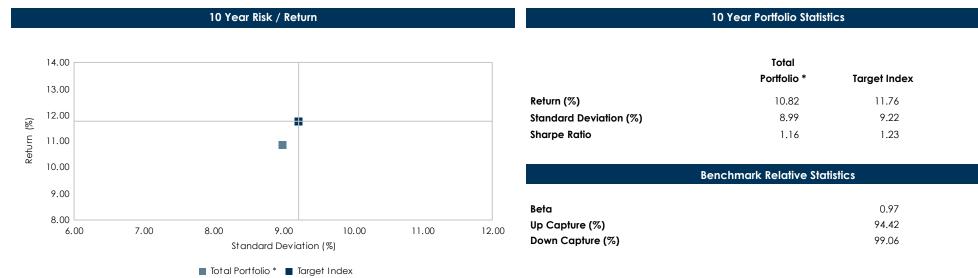
	Total			
	Portfolio *	Target Index		
Number of Months	60	60		
Highest Monthly Return (%)	6.25	6.20		
Lowest Monthly Return (%)	-5.55	-5.61		
Number of Positive Months	40	45		
Number of Negative Months	20	15		
% of Positive Months	66.67	75.00		

5 Year Return Analysis

----Total Portfolio \* ----Target Index

\* Performance is calculated using net of fee returns. Statistics are calculated using monthly return data. © 2019 Asset Consulting Group All Rights Reserved

For the Periods Ending March 31, 2019



### 10 Year Growth of a Dollar



	Total	
	Portfolio *	Target Index
Number of Months	120	120
Highest Monthly Return (%)	8.01	8.04
Lowest Monthly Return (%)	-5.55	-5.62
Number of Positive Months	83	87
Number of Negative Months	37	33
% of Positive Months	69.17	72.50

10 Year Return Analysis

#### - Total Portfolio \* - Target Index

\* Performance is calculated using net of fee returns. Statistics are calculated using monthly return data. © 2019 Asset Consulting Group All Rights Reserved

# **Rates of Return Summary**

For the Periods Ending March 31, 2019

	Market	Actual	3 Months	FYTD	1 Year	3 Years	5 Years	10 Years
	Value (\$000s)	Allocation (%)	(%)	(%)	(%)	(%)	(%)	(%)
Total Portfolio * 1	166,122	100.00	10.69	0.31	4.94	9.42	6.97	10.82
Target Index <sup>2</sup>			9.93	-0.35	5.43	9.31	7.30	11.76
Cash and Equivalents	587	0.35						
Cash & Equivalents *	587	0.35	0.36	0.77	1.27	0.60	0.38	0.23
US T-Bills 90 Day			0.59	1.17	2.12	1.19	0.74	0.43
Fixed Income	32,531	19.58						
Core Bonds								
FMIvT Broad Market High Quality Bond Fund *	16,398	9.87	2.05	4.17	4.02	1.37	2.09	2.70
BloomBar US Aggregate A+			2.49	4.57	4.39	1.64	2.56	3.38
Core Plus Bonds								
FMIvT Core Plus Fixed Income Fund * 3	16,133	9.71	2.56	3.56	1.27	4.07	2.14	
BloomBar Multiverse			2.39	3.44	-0.29	1.85	1.19	3.33
Equity	117,630	70.81						
US Equity	87,963	52.95						
US Large Cap Equity * 4	65,384	39.36	15.20	-1.58	7.41	12.81	9.53	15.57
Russell 1000			14.00	-1.76	9.30	13.52	10.63	16.05
FMIvT Diversified Large Cap Equity Portfolio *	65,384	39.36	15.29	-1.58	7.39			
Russell 1000			14.00	-1.76	9.30	13.52	10.63	16.05
US Small/Mid Cap Equity								
FMIvT Diversified SMID Cap Equity Portfolio * 5	22,579	13.59	16.07	-3.10	8.84	14.47	12.68	18.41
SMID Benchmark <sup>©</sup>			15.82	-5.59	4.48	12.56	7.79	16.10

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# **Rates of Return Summary**

## For the Periods Ending March 31, 2019

	Market Value (\$000s)	Actual Allocation (%)	3 Months (%)	FYTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)
Non-US Equity								
FMIvT International Equity Portfolio * 7	29,667	17.86	12.98	-1.55	-3.23	7.49	2.89	6.53
MSCI ACWI	ex US		10.43	-2.16	-3.74	8.61	3.05	9.35
Core Real Estate	15,374	9.25						
FMIvT Core Real Estate Portfolio * 8	15,374	9.25	0.97	2.96	6.88			
NFI ODC	E Net		1.20	2.74	6.55	7.01	9.17	7.73

#### Notes:

<sup>1</sup> Market values and Total Portfolio performance includes all fees and expenses. Beginning July 2008 and ending September 2010, the net of fee performance includes the impact of securities lending activity, which may increase or decrease the total expenses of the portfolio.

<sup>2</sup> Target Index: Effective October 2017, the index consists of 20.0% BloomBar US Aggregate, 39.0% S&P 500, 13.0% Russell 2500, 18.0% MSCI ACWI ex US, 10.0% NFI ODCE Net.

 $^3$  The performance inception date of the FMIvT Core Plus Fixed Income Fund is 4/1/2014.

<sup>4</sup> Represents the FMPTF Large Cap Equity Composite net of fees returns.

<sup>5</sup> Custom Index consists of the Russell 2500 beginning June 1, 2010 and prior to that the Russell 2000.

<sup>6</sup> SMID Benchmark: Effective June 2010, the index consists of 100% Russell 2500.

<sup>7</sup> Wells Capital EM was added to the portfolio in October 2017. Portfolio renamed and manager changed in October 2014 and April 2011.

<sup>8</sup> The performance inception date of the FMIvT Core Real Estate Portfolio is 4/1/2018.

# Florida Municipal Investment Trust Protecting Florida Investment Act - Quarterly Disclosure As of March 31, 2019

This Disclosure is intended to provide information with respect to Chapter 175 and 185 Police and Fire Plan's required disclosure of direct or indirect holdings in any "scrutinized companies" as defined in the FSBA PFIA Quarterly Report for Quarter 1 2019.

It is important to note that individual Police and Fire Plans have no direct interests in any scrutinized companies. Police and Fire Plans hold an interest in the Florida Municipal Pension Trust Fund. It is also important to note that the Florida Municipal Pension Trust Fund has no direct interests in any scrutinized companies as all of its interests are invested in the Florida Municipal Investment Trust.

The Florida Municipal Investment Trust is the only entity that could possibly have direct interests in any scrutinized companies. ACG has reviewed the **Protecting Florida's Investments Act (PFIA) Quarterly Report-January 29, 2019** that is available on the Florida SBA website. In particular we have reviewed the list of companies appearing in **Tables 1 and 3- Scrutinized Companies with Activities in Sudan and Iran**, and compared these lists to securities of companies held directly by the Florida Municipal Investment Trust. As of 3/31/19, the Florida Municipal Investment Trust had no direct interest in securities on the above referenced lists.

ACG also requested that investment managers, who manage commingled funds that are owned by the Florida Municipal Investment Trust, review the **Protecting Florida's Investments Act (PFIA) Quarterly Report-January 29, 2019** and disclose whether the Florida Municipal Investment Trust may hold any scrutinized companies indirectly through investment in their respective commingled funds. The Florida Municipal Pension Trust holds units in the FMIVT Core Plus Fixed Income Fund. The FMIVT Core Plus Fixed Income Fund owns units in the Amundi Pioneer Global Multisector Fixed Income Fund. The Amundi Pioneer Global Multisector Fixed Income Fund does hold one security on the list, **Sinopec Group Overseas Development**, which represents 0.14% of the market value of their portion of the FMIVT Core Plus Fixed Income Fund. The Florida Municipal Pension Trust also holds units in the FMIVT International Equity Portfolio. The FMIVT International Equity Portfolio owns units in the Investec International Dynamic Equity Fund and the Wells Fargo Emerging Markets Large-Mid Cap Equity Fund. Both the Investec International Dynamic Equity Fund and the Wells Fargo Emerging Markets Large-Mid Cap Equity Fund hold **CNOOC Ltd**, which represents 2.08% and 1.38% of their respective portions of the FMIVT International Equity Portfolio. All other managers have confirmed that they do not hold any of these securities.

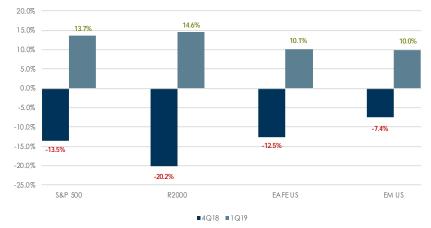
## **Global Long-Only Equity**

**Global equity markets came out of the gate hot** this year following the sharp year-end 2018 sell-off with a 1Q-19 advance of 12.3% for the MSCI ACWI. On a style basis, Growth equity returns exceeded Value peers as a risk-on mentality re-entered the market on renewed hope for continued global expansion despite the ongoing lack of clarity regarding trade talks and Brexit.

Domestic **Small Cap equities posted the strongest gain** this year following the sharpest decline in the 2018 sell-off with a 14.6% increase in the quarter. Large cap equities trailed slightly with a gain of 13.7% for the S&P 500. Following the quarter's upside, one-year returns for these domestic indices have all reverted back to positive territory.

In International markets, **Emerging Market pressures abated** with a gain of 10.0% for the MSCI EM Index in 1Q-19. This return was relatively in-line with Developed Market returns of 10.1%. Currency impact was muted this quarter and somewhat of a mixed bag with EM experiencing a slight tailwind while Developed International markets continued to face a slight headwind. Following ongoing difficulties in International Markets and strong currency headwinds last year, one-year returns remain in the red in US dollar terms.

#### Global Equity Markets Rebound in 1Q19



Sources: Bloomberg, ACG Research

## **Global Long/Short Equity**



Sources: Bloomberg, ACG Research

After a brief return in 4Q-18, **volatility has again sunk down below the 20 year average**. Buoyed by a strong equity rebound in 1Q-19 and supported by positive market indicators, investor consensus seems to agree that the potential for a recession has been pushed back into 2020.

Equity long/short managers are optimistic about the opportunity set and have a positive view on the economy. This is reflected by gross exposure that has rebounded from multiyear lows in 4Q-18 and is back above historical average levels. Much of this increase has been in non-US equities, as exposure to Europe has increased and exposure to China has reached multi-year highs. One exception to the increased exposure is Event Driven managers, as gross exposure to the strategy is at multi-year lows, partially due to concerns that investors are overpaying for acquisitions.

A positive sign for equity long/short managers (and for stock pickers in general) is that **fundamentals have started to matter again**. As stocks are rewarded or punished commensurate with the positive or negative news they report this creates an opportunity set with **dispersion between top and bottom companies**, **creating potential for managers to make money on both longs and shorts**. On the short side, despite a pause in interest rate increases, rates have reached a level where managers once again can earn rebates on their short portfolios (after not receiving a rebate on short sales for over a decade due to low rates).

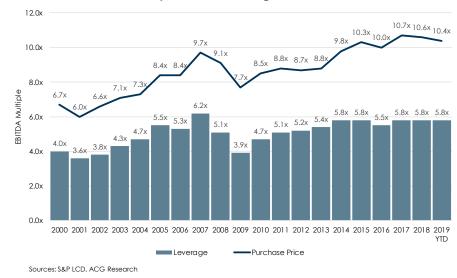
Technology and Health Care remain key areas of interest as historically there has been a large amount of dispersion between winners and losers in these sectors.

## **Global Private Equity**

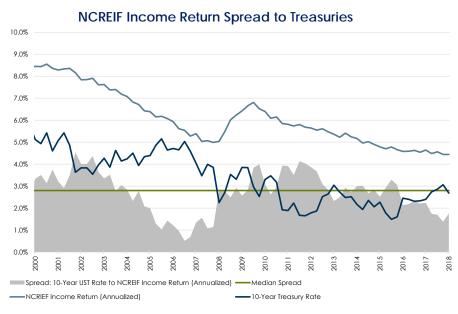
Valuations remain high for new deals in private markets, with an average purchase price multiple of 10.6x EBITDA and leverage of 5.8x, both of which are near historical highs. Private valuations appear to have held in much stronger than public markets in the aftermath of December's stock market weakness. The median acquisition price for a private equity-backed company purchased in 1Q-19 was 10.4x EBITDA, down from 2018's average, though leverage levels remain elevated.

Rising interest rates combined with the possibility of slowing economic growth continue to pose risks to private equity-backed companies. High purchase prices are also likely to translate into lower returns for select vintages. The best managers recognize that high multiples are unlikely to continue indefinitely and that patience and asset selection is key to driving strong investment outcomes in this environment.

All eyes in venture capital were focused on the IPO of Lyft in late March, looking for indications of the market's receptiveness to a coming "unicorn stampede" as highly valued venture-backed companies seek to list publicly. Demand for the IPO was exceptionally strong as the listing was oversubscribed and priced above the original target range of \$62-68. Though initial trading was strong, the stock closed below its initial price of \$72 per share on its first full day of trading. If the next unicorn to go public also trades off following its IPO, investors may become sufficiently nervous to delay or even prematurely end the stampede.



## **Global Real Assets**



Sources: NCREIF, ACG Research

US real estate assets have seen slowing appreciation, though strong economic fundamentals and limited new supply have been supportive of Net Operating Income. The NCREIF Property Index is expected to post its 36<sup>th</sup> consecutive quarter of positive appreciation in 1Q-19. This is 14 quarters longer than the second longest winning streak since the benchmark's inception in 1978. In 4Q-18, NCREIF annualized income returns (a proxy for cap rates) were flat at 4.4%. As interest rates reversed their recent rise, the spread between NCREIF income returns and the 10-year US Treasury yield widened by 38 bps to end the quarter at 176 bps, still approximately 104 bps tighter than the median spread since 2000.

Though there have been no significant impacts to real estate valuations so far, more prolonged periods of higher interest rates could put upward pressure on cap rates and lower future real estate returns. Real estate market fundamentals remain relatively solid, with no imminent signs of a dramatic imbalance between supply and demand outside of the long-challenged retail sector, while industrial assets in key markets continue to enjoy above-trend appreciation. Cap rates remain near their all-time lows, and while further cap rate compression is possible, core real estate funds focused on income may outperform those focused on generating appreciation in the intermediate term.

The Bloomberg Commodity Index (BCOM) rose 6.3% in 1Q-19, outperforming the Bloomberg Barclays US Aggregate Bond Index by 3.4% and underperforming the S&P 500 and MSCI ACWI by 7.4% and 5.9%, respectively. Any signs of rising inflation may be positive for commodities broadly, though growing concerns regarding slowing global economic growth, the strength of the US dollar, and trade tensions may drive continued volatility in the near term.

#### Purchase Multiples and Leverage Remain Elevated

## **Global Traditional Bond Markets**

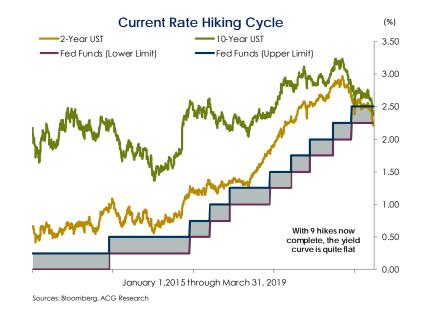
From risk-free rates to lower-quality credit, everything across the fixed income landscape worked in 1Q-19. While taking no action on short-term interest rates, the more "patient" tone of **Federal Reserve's** communication completed the dovish pivot that had been foreshadowed in late-2018. The Committee's dot-plot removed previously anticipated rate hikes throughout 2019, with an even more cautious futures market actually pricing in policy easing by year-end. **US Treasury yields continued lower, as the yield curve flattened further**.

Even as general market volatility settled, the **BloomBar Aggregate** responded well to the decline in interest rates. Total returns for the quarter were impressive at 2.94%, and were further aided by ~35 bps of spread tightening in IG corporate credit. Notable declines in both rates and spreads caused the benchmark's yield-to-worst to fall back below 3.0%.

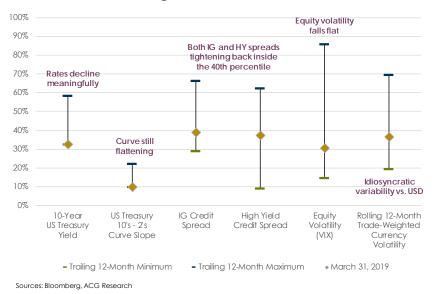
**High Yield** bonds participated in the generalized re-risking by investors, with strong inflows into the category causing spreads to tighten by ~135 bps during 1Q-19. A more notable focus on liquidity led to the ongoing underperformance of CCC-rated issues.

**Municipal Bonds performed well**, despite lagging taxable counterparts as rates moved rapidly lower in March. The tax-exempt yield curve remains somewhat steeper than that of US Treasuries, but yield ratios out to 10-years trade historically rich given robust demand.

**Unhedged Global** government bonds underperformed as US dollar strength tempered the benefit of lower-trending yields. **Emerging Market** categories were solid, but differentiated.



## **Global Nontraditional Fixed Income**



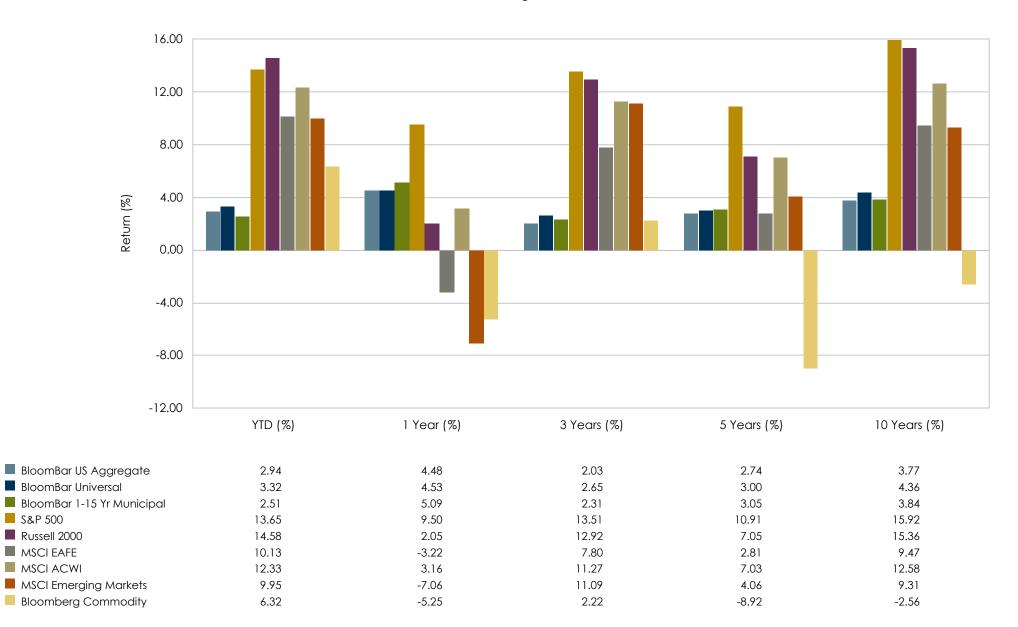
#### Percentile Rankings of Observations for Past 15-Years

Liquid Absolute Return strategies produced steady results in 1Q-19, with relatively credit-heavy funds outperforming peers that have adopted a more conservative risk posture. Given typically modest duration exposures, and amid the late rally in US Treasuries, most within the category continued to fall short of traditional bond benchmarks. That said, the diversification of risk factors within portfolios remains valuable, as this aids in downside protection and reduces key correlations. Achieving full-cycle alpha objectives may be challenging, but enhanced volatility in rates, spreads, and currency should provide opportunities to outperform risk-free cash.

Following the 4Q-18 drawdown, Long/Short Credit strategies entered 1Q-19 with pared-down risk exposures. Some managers expressed frustration as the speed of the market rebound in early 2019 prevented them from deploying capital into assets that experienced meaningful, albeit short-lived valuation declines. Sentiment varies, but many credit hedge fund managers remain cautious. Despite the reduced level of risk on manager balance sheets, we expect talented managers will find opportunities to add value regardless of market directionality via relative-value trades and tactical trading opportunities.

Private Credit strategies (typically 5- to 10-year fund life) offer the opportunity to earn both a credit spread and an illiquidity premium versus publicly traded fixed income strategies. 1Q-19 saw a recovery in market dynamics for new issue levered loans as spreads tightened and volume increased in response to improved equity market conditions. That said, the reduced likelihood of further short term interest rate increases may pressure spreads. Although default rates have remained low, the ongoing volatility in the market may indicate the beginnings of investor concern around the possibility of a coming distressed cycle. Due to the high-leverage, covenant-lite loans issued over the last several years, recoveries may be worse as companies are allowed to operate longer without previously customary capital preservation requirements.

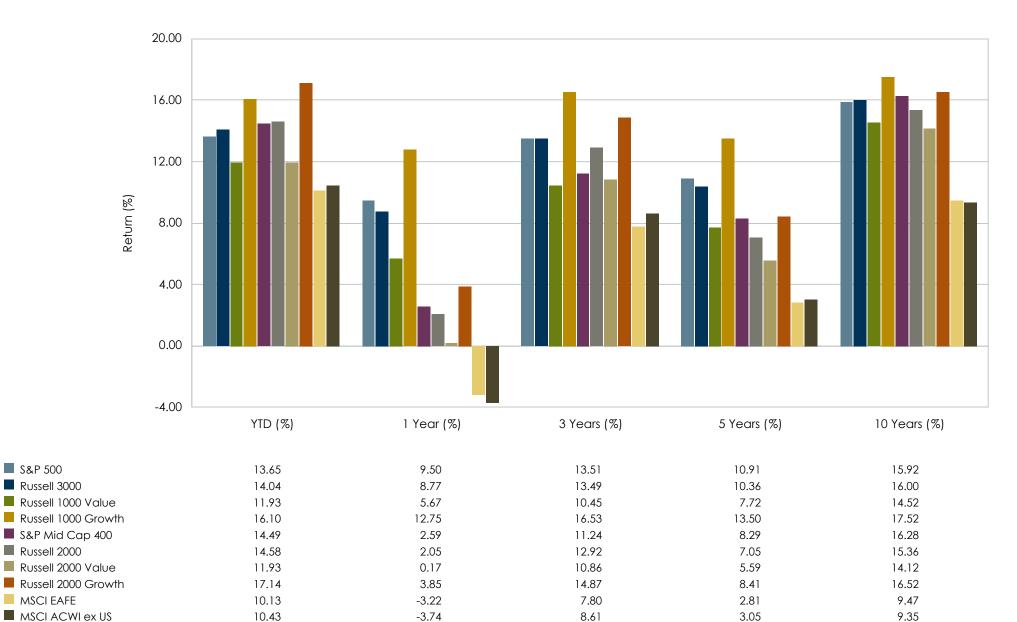
# **Market Environment**



For the Periods Ending March 31, 2019

S&P 500

# **Equity Index Returns**



For the Periods Ending March 31, 2019

S&P 500

MSCI EAFE

# **US Markets - Performance Breakdown**

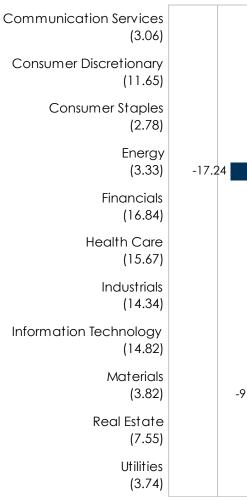
For the Periods Ending March 31, 2019

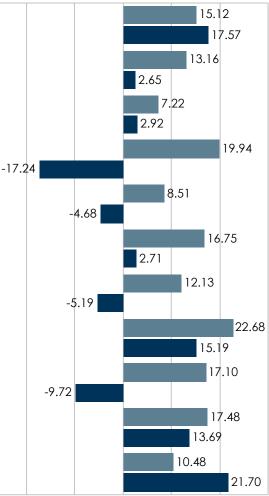
#### S&P 500 - Sector Returns (%) 13.62 **Communication Services** (10.11)3.98 15.32 Consumer Discretionary (10.15)11.65 11.15 Consumer Staples 7.07 (7.33)15.41 Energy (5.43) -1.78 7.91 Financials (12.69) -6.62 6.12 Health Care (14.57) 12.94 16.64 Industrials (9.48) 1.19 19.38 Information Technology (21.19) 13.80 9.69 Materials (2.64) -2.53 16.64 Real Estate (3.09) 16.82 9.88 Utilities (3.33) 15.22

1 Year

3 Months

### Russell 2000 - Sector Returns (%)



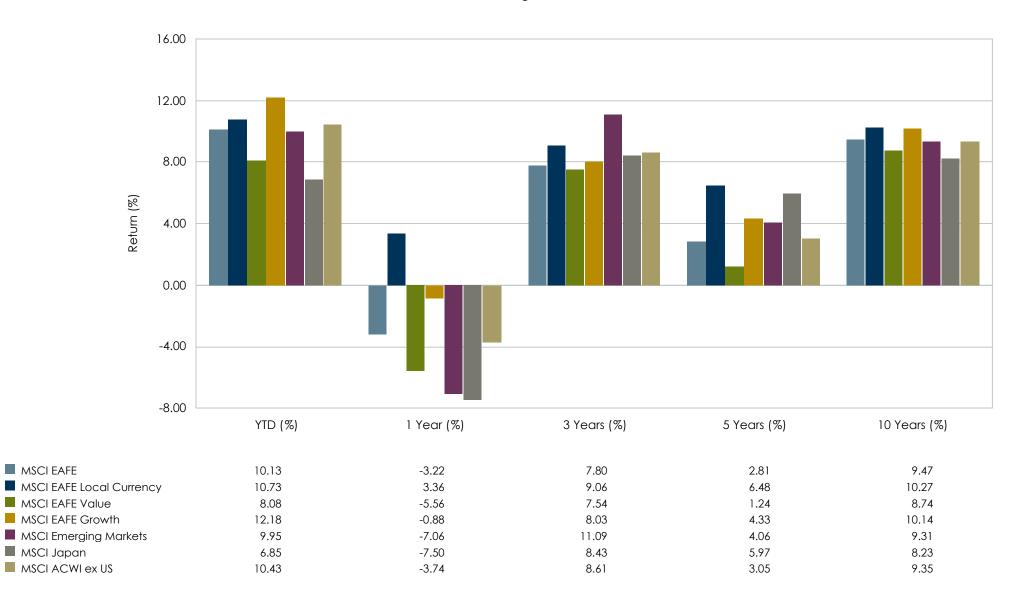


Numbers in parenthesis represent sector weightings of the index. Sector weights may not add to 100% due to rounding or securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

Source: ACG Research, Bloomberg

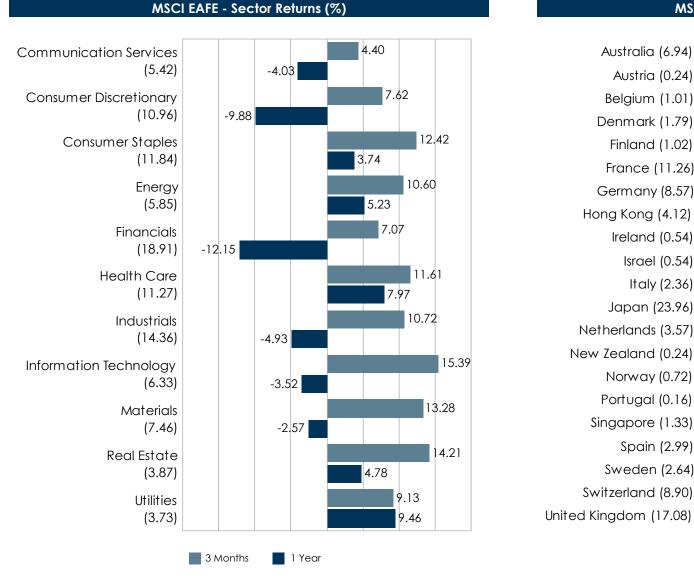
# Non-US Equity Index Returns

For the Periods Ending March 31, 2019



# Non-US Equity - Performance Breakdown

For the Periods Ending March 31, 2019

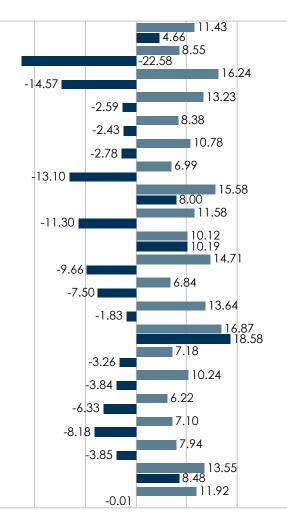


### MSCI EAFE - Country Returns (%)

Israel (0.54)

Italy (2.36)

Spain (2.99)



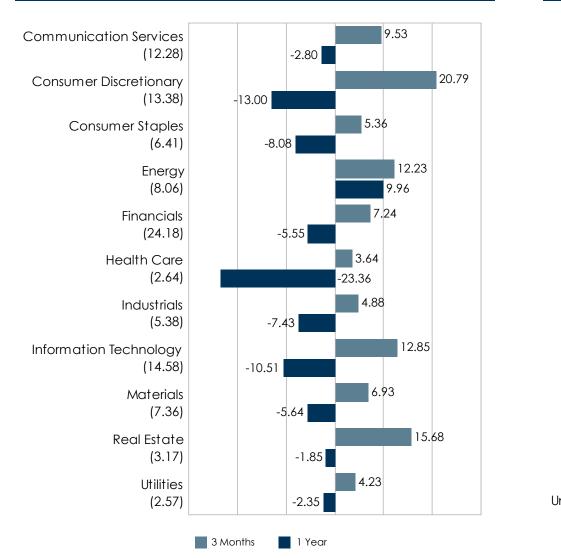
Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

Source: ACG Research, Bloomberg

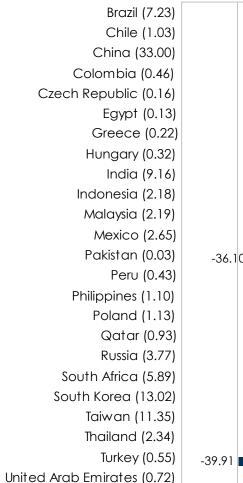
## **Emerging Markets - Performance Breakdown**

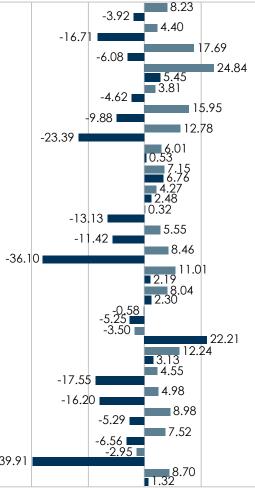
For the Periods Ending March 31, 2019

## MSCI Emerging Markets - Sector Returns (%)



#### MSCI Emerging Markets - Country Returns (%)



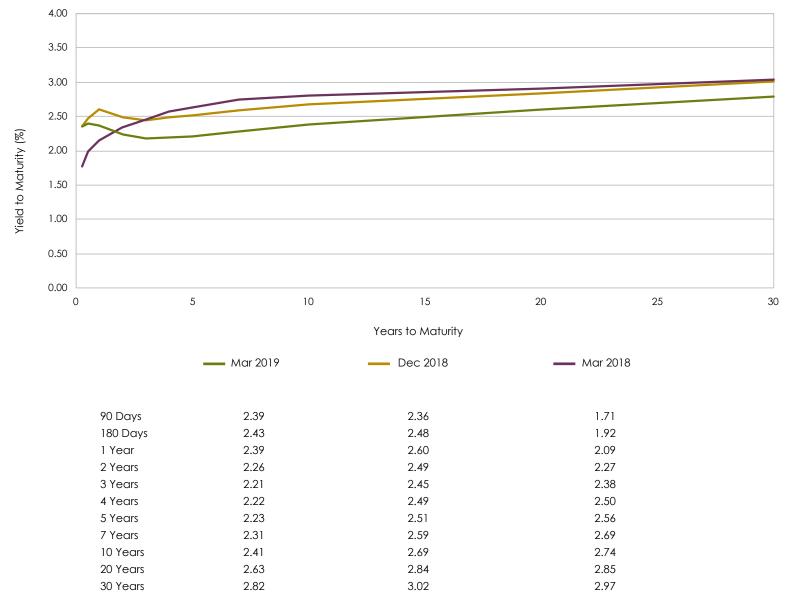


Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

Source: ACG Research, Bloomberg

Interest Rate Term Structure

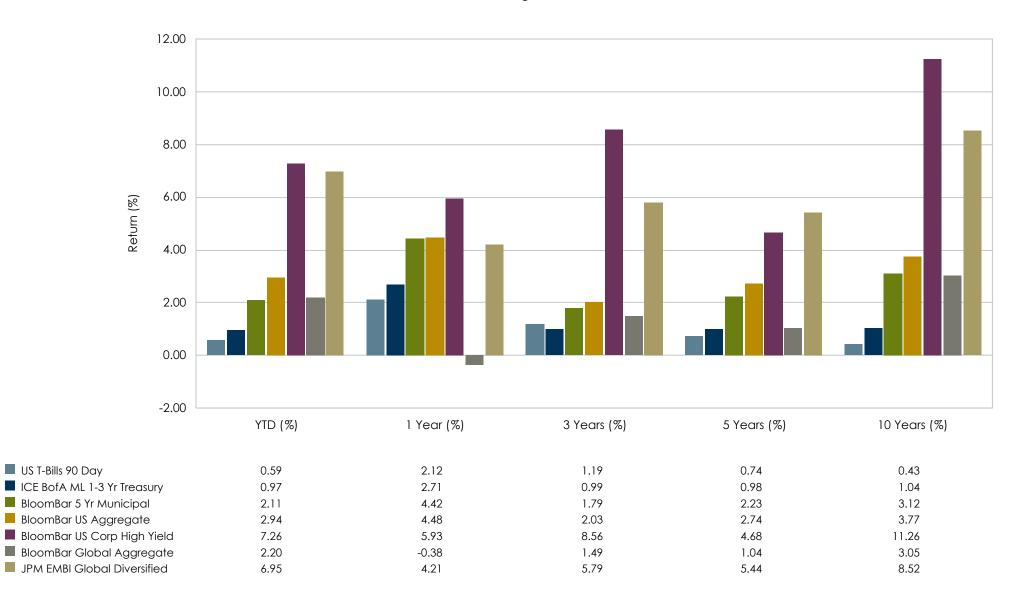
Government Issues - 3 Months to 30 Years Maturity



Source: Bloomberg

# **Fixed Income Index Returns**

For the Periods Ending March 31, 2019



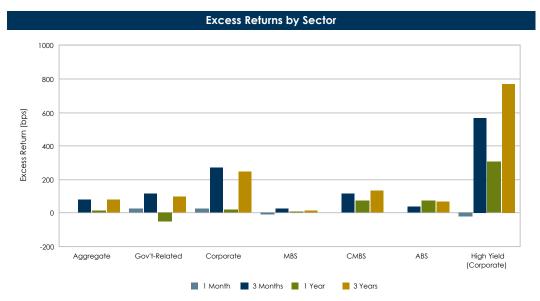
# **US Fixed Income Market Environment**

For the Periods Ending March 31, 2019

Nominal Returns By Sector (%)					
	<u>1 Month</u>	<u>3 Months</u>	<u>1 Year</u>	<u>3 Years</u>	
US Aggregate	1.92	2.94	4.48	2.03	
US Treasury	1.91	2.11	4.21	1.04	
US Agg: Gov't-Related	1.93	3.12	4.48	2.38	
US Corporate IG	2.51	5.15	4.94	3.65	
MBS	1.46	2.17	4.43	1.78	
CMBS	1.75	3.24	5.43	2.35	
ABS	0.72	1.48	3.68	1.82	
US Corp High Yield	0.94	7.25	5.93	8.57	

Nominal Returns by Quality (%)				
	<u>1 Month</u>	<u>3 Months</u>	<u>1 Year</u>	<u>3 Years</u>
AAA	1.70	2.16	4.31	1.39
AA	2.00	3.37	4.86	2.49
A	2.32	4.64	4.81	2.95
BAA	2.75	5.82	4.99	4.51
BA	1.23	7.21	6.33	6.83
В	0.87	7.20	6.38	8.40
CAA	0.17	7.15	2.72	12.95

Nominal Returns by Maturity (%)				
	<u>1 Month</u>	<u>3 Months</u>	<u>1 Year</u>	<u>3 Years</u>
1-3 Yr.	0.66	1.22	3.07	1.35
3-5 Yr.	1.27	2.14	4.21	1.62
5-7 Yr.	1.54	2.60	4.79	1.81
7-10 Yr.	2.01	3.09	5.14	1.80
10+ Yr.	4.70	6.45	5.36	3.72





#### Source: Bloomberg Excess returns are relative to the duration-neutral Treasury.

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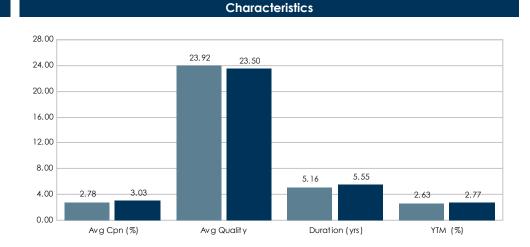
For the Periods Ending March 31, 2019

Portfolio Description	Portfolio Information
Strategy Expanded High Quailty Fixed Income	Minimum initial investment \$50,000
Manager Atlanta Capital Management Company	Minimum subsequent investments \$5,000
Vehicle Separately Managed Account	Minimum redemption \$5,000
Benchmark Barclays Aggregate A+	The Portfolio is open once a month, on the first business day following the
Performance Inception Date January 1998	Portfolio Valuation date, to accept Member contributions or redemptions.
Fees Manager Fees - 15 bps; Admin Fees - 14.5 bps	The Portfolio is valued on the last business day of the month.
Total Expenses Approximately 33 bps	<ul> <li>The Administrator must have advance written notification of Member contributions or redemptions.</li> </ul>

Portfolio Objectives and Constraints	Dollar Growth Summary (\$000s)			
<ul> <li>Invests in Government and high quality securities while maintaining an average maturity of approximately eight and one-half years.</li> </ul>	Beginning Market Value	FYID 134,766	1 Year 120,682	
<ul> <li>Outperform the BloomBar US Aggregate A+ over a complete market cycle (usually 3 to 5 years).</li> </ul>	Net Additions Return on Investment	-1,858	12,287	
<ul> <li>Rank above median in a relevant peer group universe.</li> </ul>	Income	1,766	3,390	
The Portfolio is subject to interest rate, credit and liquidity risk, which may cause a loss of principal. Neither the Fund nor its yield is guaranteed by the US	Gain/Loss Ending Market Value	3,898 <b>138.571</b>	2,212 <b>138,571</b>	
Government.				

For the Periods Ending March 31, 2019





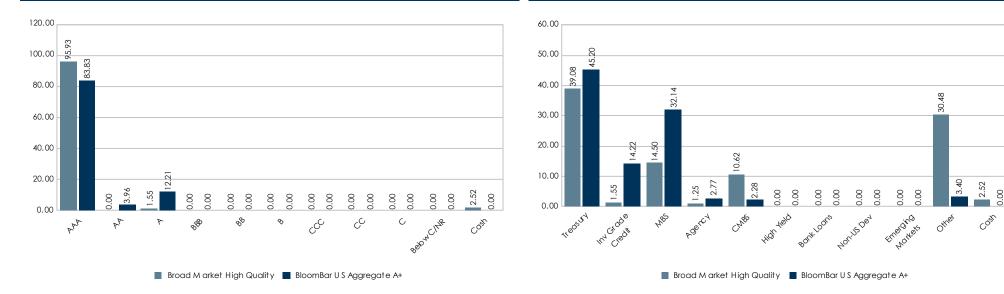
## Growth of a Dollar

----Broad M arket High Quality ----BloomBar U S Aggregate A+



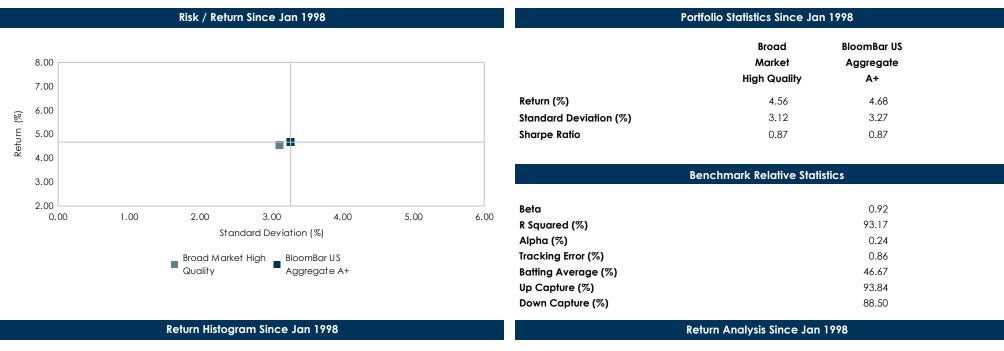
**Sector Allocation** 

#### **Quality Allocation**



The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

For the Periods Ending March 31, 2019



Number of Months

Highest Monthly Return (%)

Lowest Monthly Return (%)

Number of Positive Months

Number of Negative Months

% of Positive Months

Broad

Market

**High Quality** 

255

4.01

-2.47

167

88

65.49

BloomBar US

Aggregate

A+

255

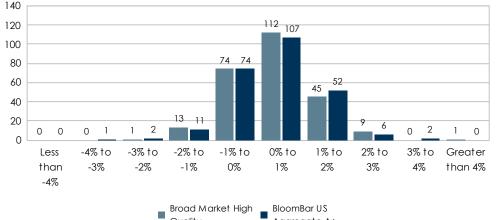
3.60

-3.24

167

88

65.49

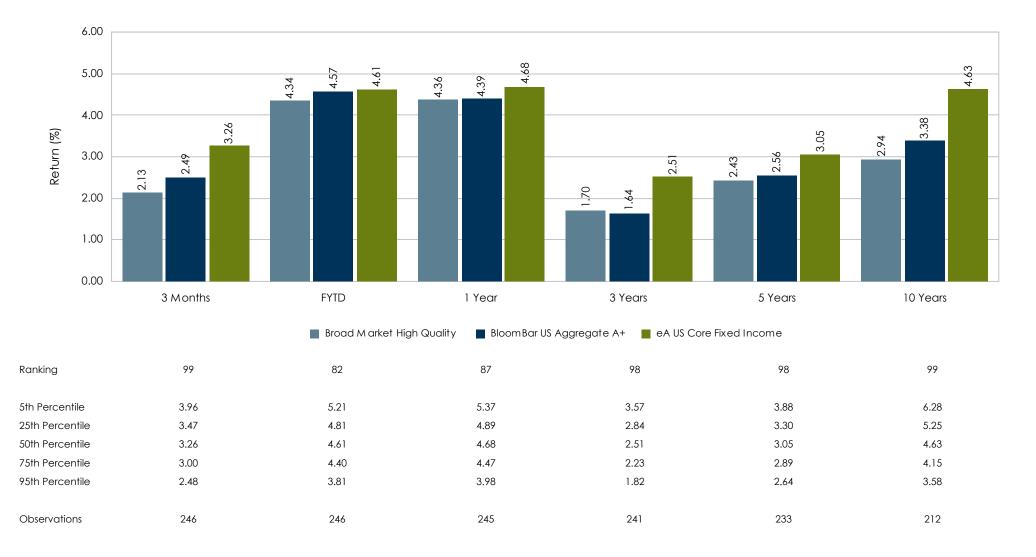


omBar US	

Aggregate A+

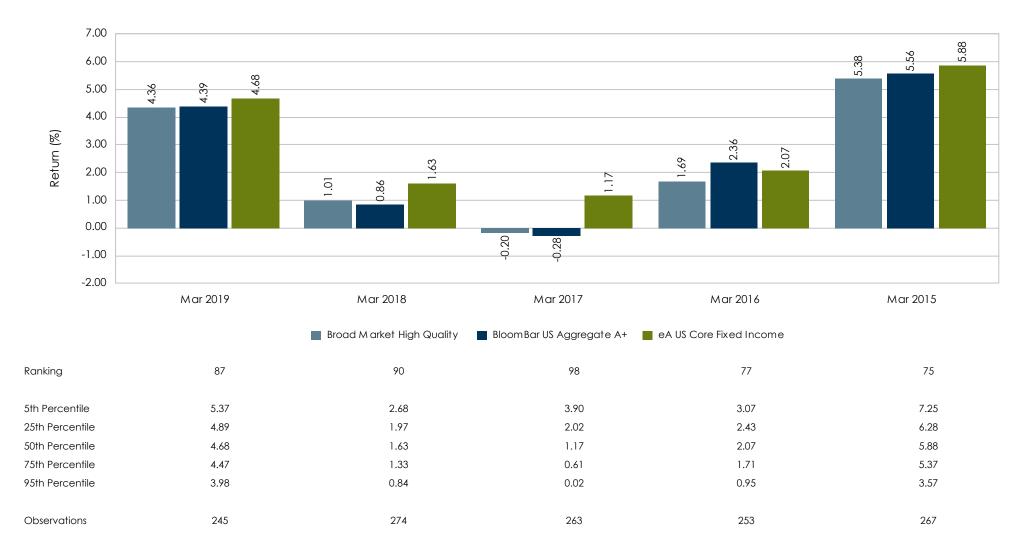
Quality

For the Periods Ending March 31, 2019



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

For the One Year Periods Ending March



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

### **Investment Guidelines**

#### Broad Market High Quality Bond Fund

For the Periods Ending March 31, 2019

Portfolio Sector Allocations	Max.%	Min. %	Actual Portfolio	Within Guidelines?	Comments
U.S. Govt Oblig., U.S. Govt Agency Oblig, or U.S. Govt Instrum. Oblig.	75.00%	30.00%	40.33%	Yes	
Mortgage Securities including CMO's	50.00%	0.00%	28.27%	Yes	
Corporate and Yankee Debt Obligations	30.00%	0.00%	1.55%	Yes	
Asset Backed Securities	30.00%	0.00%	27.33%	Yes	
Reverse Repurchase Agreements and/or other forms of financial leverage *	30.00%	0.00%	0.00%	Yes	
Other (Cash)	25.00%	0.00%	2.52%	Yes	
Portfolio Duration/Quality	Policy Exp	ectations	Actual Portfolio	Within Guidelines?	Comments
<b>Modified Duration</b> Portfolio should maintain a duration equal to the BloomBar US Aggregate A+ Index plus or minus 30% but no greater than 7 years.	3.89	to 7.00	5.16	Yes	
<b>Credit quality</b> Portfolio should Maintain a minimum bond fund rating of AA (Fitch).		AAf		Yes	
ndividual Securities				Within Guidelines?	Comments
Minimum credit rating of A by any NRSRO for all corporate securities.				Yes	
Maximum of 3% at time of purchase and 5% of the portfolio value may be invested in corporate securities of an individual issuer.			1.55%	Yes	Largest Position Note
A maximum of 5% of the portfolio, at market, may be invested in individual trusts of ABS and Non-Agency CMOs.			2.35%	Yes	Largest Position Note
Final stated maturity of 31.0 years or less for all securities.				Yes	

\*Asset Consulting Group is unable to verify the actual percentages in the portfolio. However, ACG has confirmed the actual portfolio allocation is less than the maximum percentage allowed.

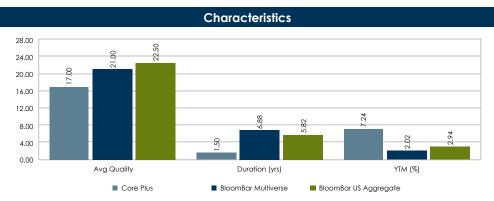
For the Periods Ending March 31, 2019

Portfolio Description	Portfolio Information
Strategy Core Plus Fixed Income	Minimum initial investment \$50,000
Manager Franklin Resources, Inc & Amundi Pioneer Institutional Investment	Minimum subsequent investments \$5,000
Vehicle Non-Mutual Commingled	Minimum redemption \$5,000
Benchmark Barclays Multiverse	The Portfolio is open once a month, on the first business day following a
Performance Inception Date April 2014	Portfolio Valuation date, to accept Member contributions or redemptions.
Fees Manager Fee - 69 bps; Admin Fee - 14.5 bps	The Portfolio is valued on the last business day of the month.
Total Expenses Approximately 87 bps	The Administrator must have advance written notification of Member contributions or redemptions.

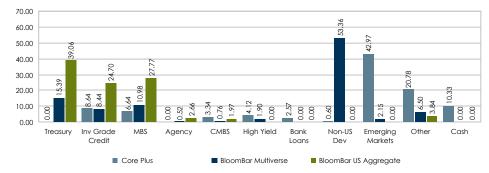
Portfolio Objectives and Constraints	Dollar Growth Summary (\$000s)		
<ul> <li>Invests in a broad spectrum of fixed and floating rate debt securities that are diversified by credit quality, geography and duration.</li> </ul>	Beginning Market Value	FYTD 142.065	1 Year 165,647
<ul> <li>Outperform the BloomBar Multiverse over a complete market cycle (usually 3 to 5 years).</li> </ul>	Net Additions Return on Investment	-19,701 5,306	-40,408 2,432
<ul> <li>Rank above median in a relevant peer group universe.</li> </ul>	Ending Market Value	127,671	127,671
The Portfolio is subject to interest rate, credit and liquidity risk, which may			
cause a loss of prinicpal. Neither the Fund nor its yield is guaranteed by the US Government.			

For the Periods Ending March 31, 2019

Manager Allocation				
Name	Market Value (\$000s)	Allocation (%)		
Total Core Plus	127,671	100.00		
Amundi Pioneer MSFI Fund	65,693	51.45		
Franklin Templeton GMSP Fund	61,978	48.55		

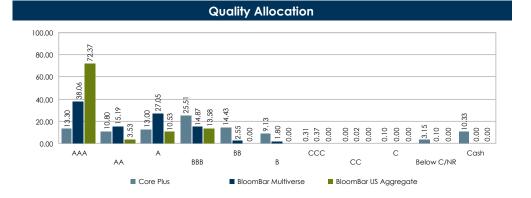






	FYTD	1 Year
Beginning Market Value	142,065	165,647
Net Additions	-19,701	-40,408
Return on Investment	5,306	2,432
Ending Market Value	127,671	127,671

Dollar Growth Summary (\$000s)

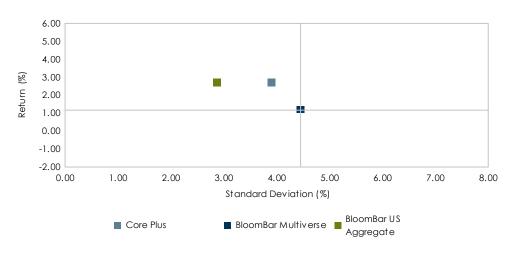


The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

For the Periods Ending March 31, 2019

### Risk / Return Since Apr 2014

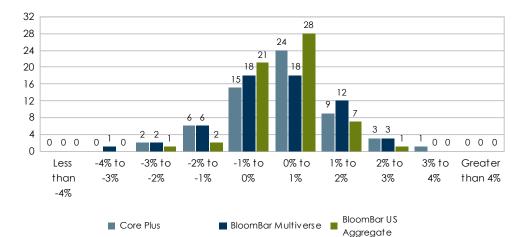




	Core Plus	BloomBar Multiverse	BloomBar US Aggregate
Return (%)	2.73	1.19	2.74
Standard Deviation (%)	3.90	4.46	2.86
Sharpe Ratio	0.52	0.11	0.72

Benchmark Relative Statistics			
Beta	0.22	0.15	
R Squared (%)	6.48	1.20	
Alpha (%)	2.51	2.38	
Tracking Error (%)	5.12	4.57	
Batting Average (%)	51.67	45.00	
Up Capture (%)	37.15	43.45	
Down Capture (%)	-3.25	-13.70	

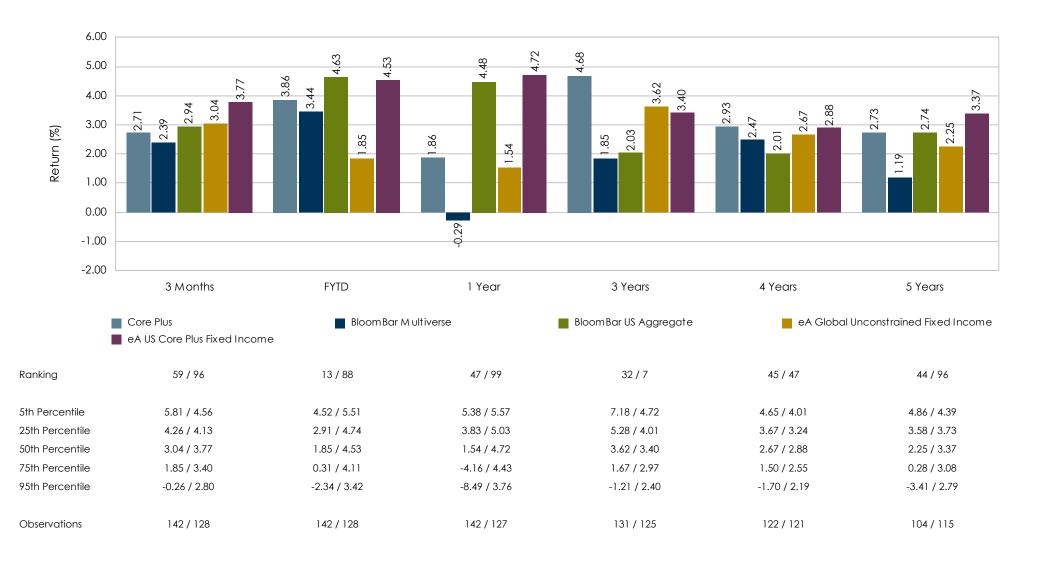
### Return Histogram Since Apr 2014



Return Analysis Since Apr 2014

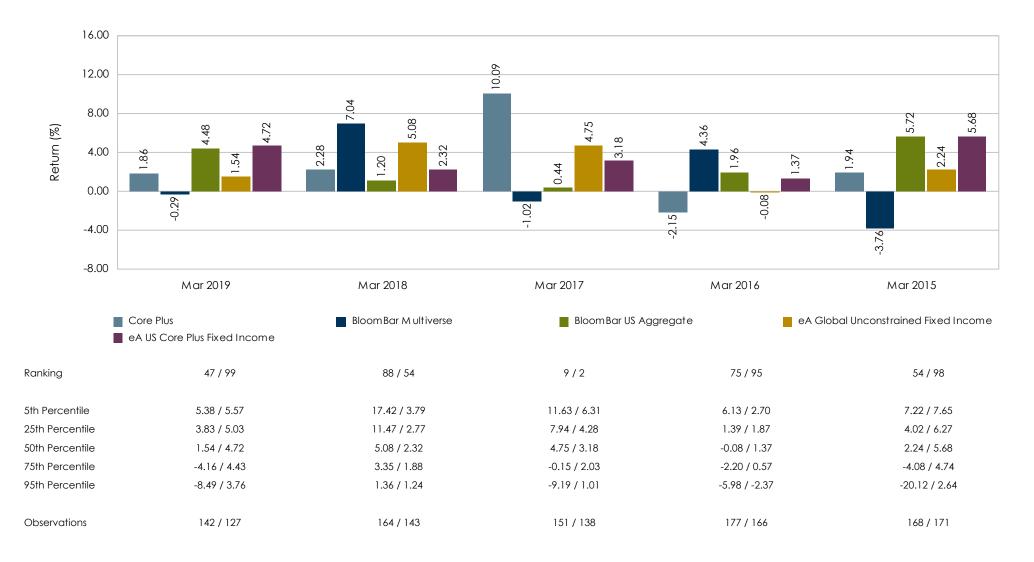
	Core Plus	BloomBar Multiverse	BloomBar US Aggregate
Number of Months	60	60	60
Highest Monthly Return (%)	3.12	2.89	2.10
Lowest Monthly Return (%)	-2.31	-3.88	-2.37
Number of Positive Months	37	33	36
Number of Negative Months	23	27	24
% of Positive Months	61.67	55.00	60.00

For the Periods Ending March 31, 2019



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

For the One Year Periods Ending March



The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

## Investment Guidelines

#### Core Plus Fixed Income Fund

For the Periods Ending March 31, 2019

Manager Allocations	Target %	Range%	Actual Portfolio	Within Guidelines?	Comments
Franklin Templeton Global Multisector Plus Fixed Income Fund	50.00%	45% - 55%	48.55%	Yes	
Amundi Pioneer Multisector Fixed Income Fund	50.00%	45% - 55%	51.45%	Yes	

Aug-14

Jul-15

---- Amundi Pioneer M SFI Fund ---- BloomBar M ultiverse

\$1.20

\$1.16

\$1.12

\$1.08

\$1.04

\$1.00

\$0.96

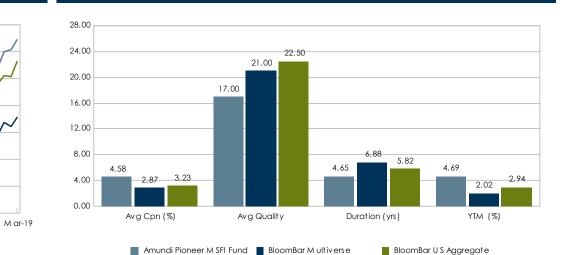
\$0.92

Sep-13

### Amundi Pioneer MSFI Fund

For the Periods Ending March 31, 2019

#### Growth of a Dollar



**Characteristics** 

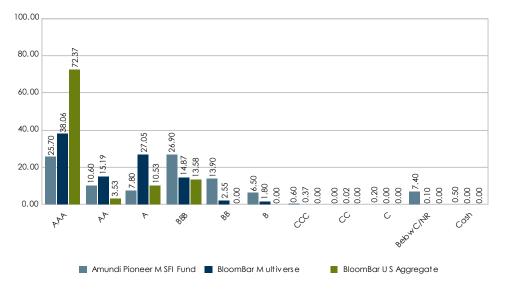
#### **Quality Allocation**

Jun-16

May-17

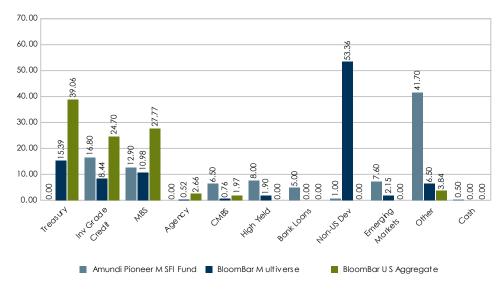
Apr-18

-BloomBar U S Aggregate



Characteristic and allocation charts represents the composite data of the Amundi Pioneer\Multi-Sector Fixed Income.

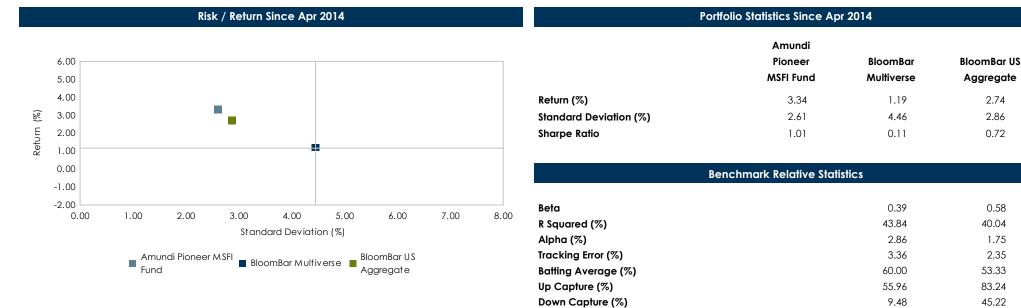
#### Sector Allocation



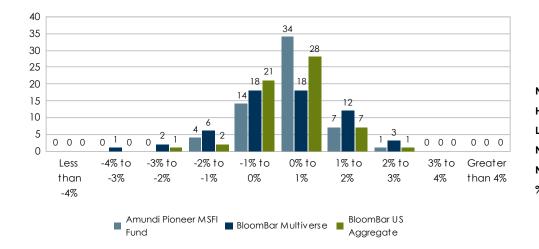
The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

### Amundi Pioneer MSFI Fund

For the Periods Ending March 31, 2019



#### Return Histogram Since Apr 2014



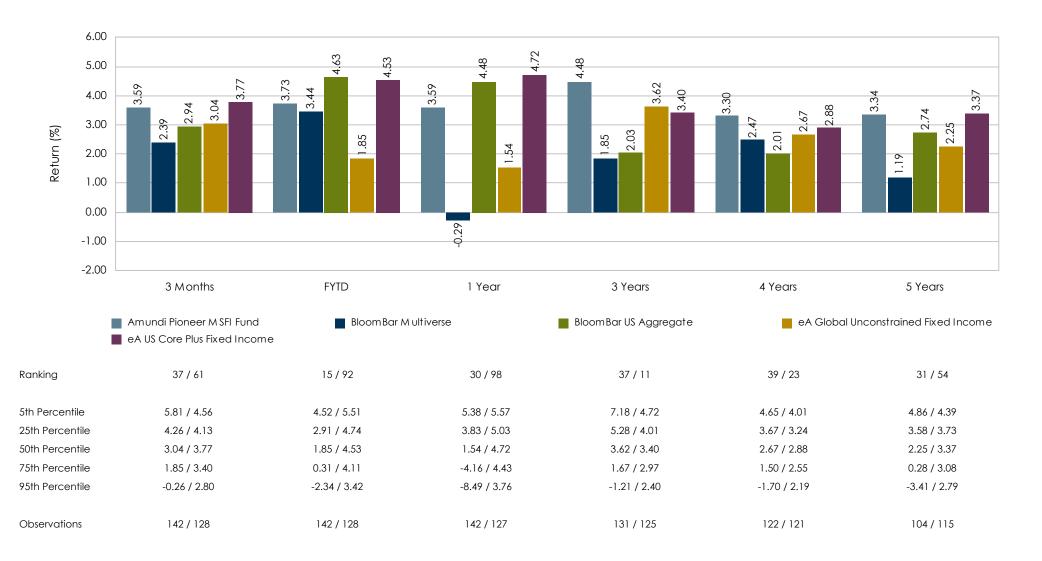
	Amundi		
	Pioneer	BloomBar	BloomBar US
	MSFI Fund	Multiverse	Aggregate
Number of Months	60	60	60
Highest Monthly Return (%)	2.17	2.89	2.10
Lowest Monthly Return (%)	-1.62	-3.88	-2.37
Number of Positive Months	42	33	36
Number of Negative Months	18	27	24
% of Positive Months	70.00	55.00	60.00

**Return Analysis Since Apr 2014** 

#### Statistics are calculated using monthly return data. © 2019 Asset Consulting Group All Rights Reserved

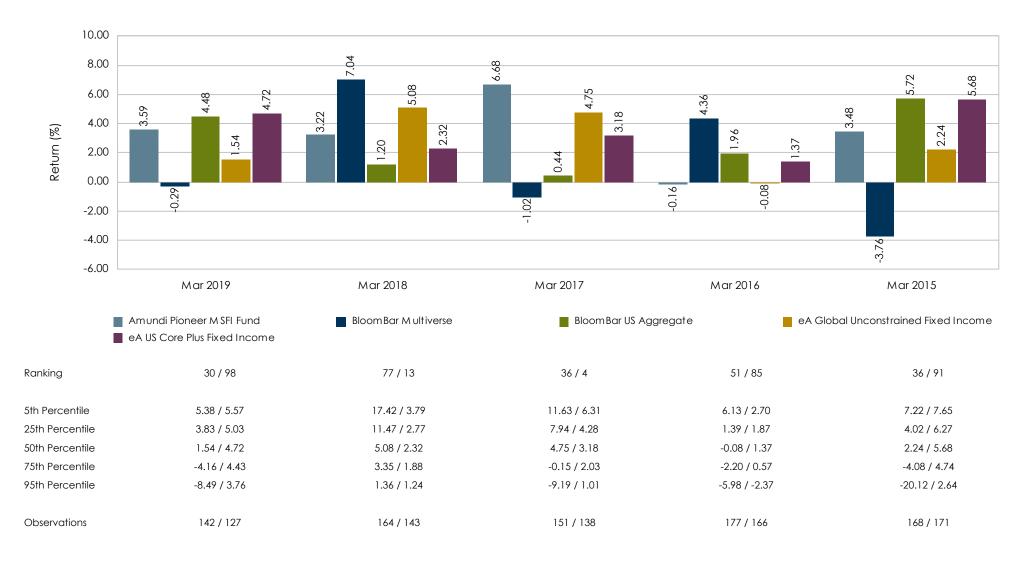
# Amundi Pioneer MSFI Fund

For the Periods Ending March 31, 2019



# Amundi Pioneer MSFI Fund





Aug-14

Jul-15

----- Franklin Templeton GM SP Fund ----- BloomBar M ultiverse

\$1.16

\$1.12

\$1.08

\$1.04

\$1.00

\$0.96

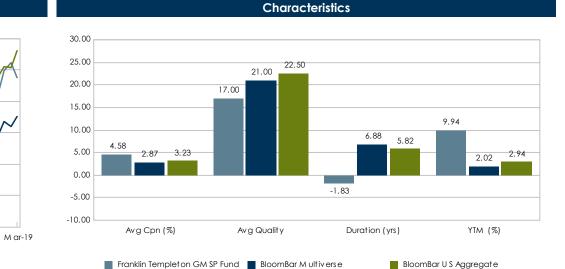
\$0.92

Sep-13

### Franklin Templeton GMSP Fund

For the Periods Ending March 31, 2019

#### Growth of a Dollar



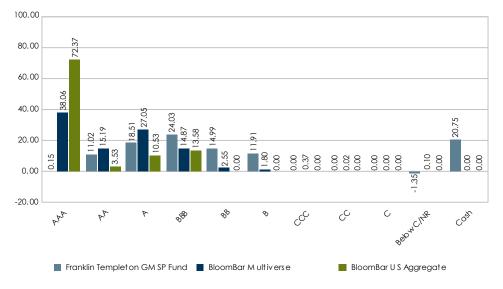
#### **Quality Allocation**

Jun-16

M ay-17

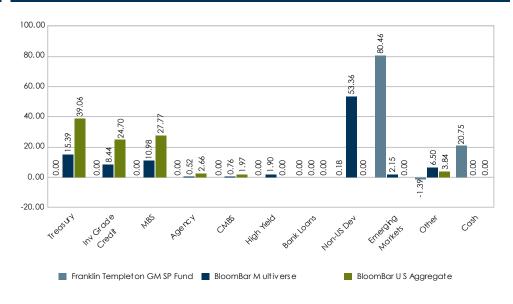
Apr-18

-BloomBar U S Aggregate



Characteristic and allocation charts represents the composite data of the Franklin Templeton\Global Multisector Plus.

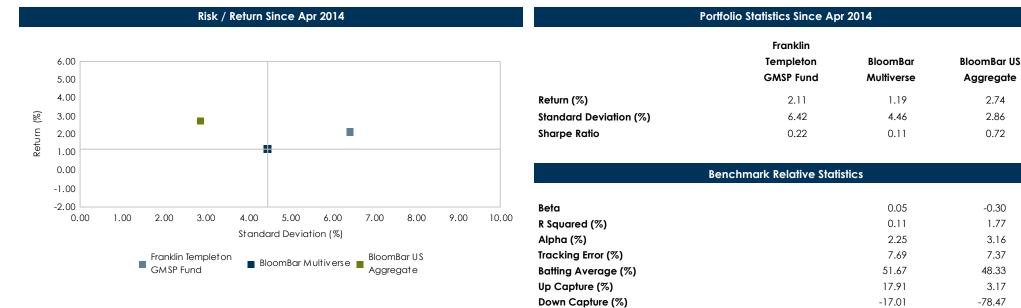
#### **Sector Allocation**



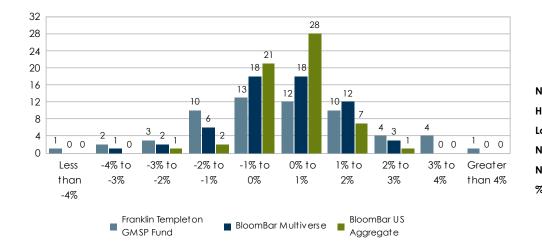
The Other sector consists of ABS, CMO, Convertibles, Municipals, Private Placements/144As and TIPS.

### Franklin Templeton GMSP Fund

For the Periods Ending March 31, 2019



#### Return Histogram Since Apr 2014

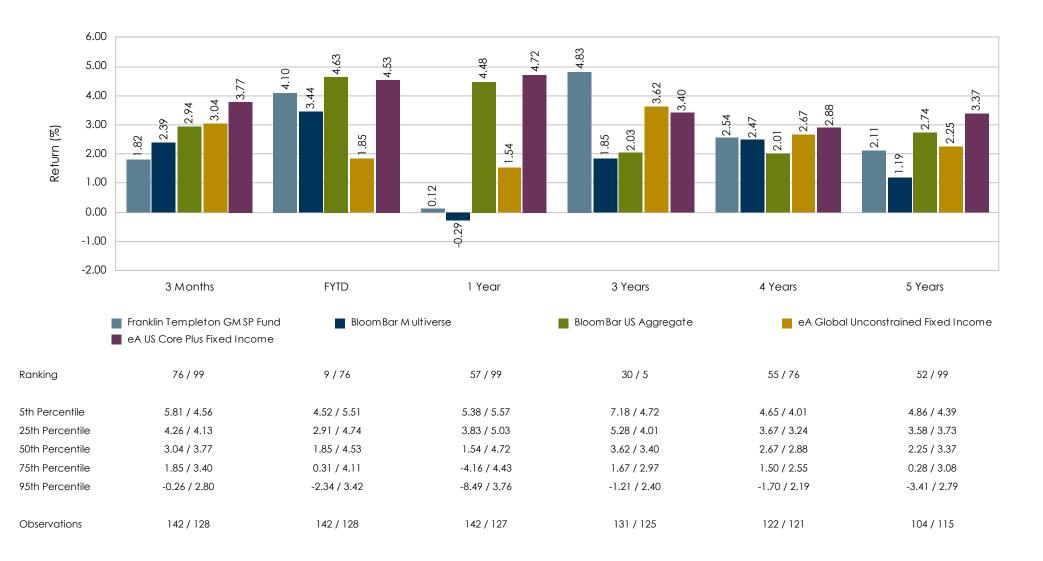


**Return Analysis Since Apr 2014** 

	Franklin		
	Templeton	BloomBar	BloomBar US
	GMSP Fund	Multiverse	Aggregate
Number of Months	60	60	60
Highest Monthly Return (%)	4.06	2.89	2.10
Lowest Monthly Return (%)	-4.49	-3.88	-2.37
Number of Positive Months	31	33	36
Number of Negative Months	29	27	24
% of Positive Months	51.67	55.00	60.00

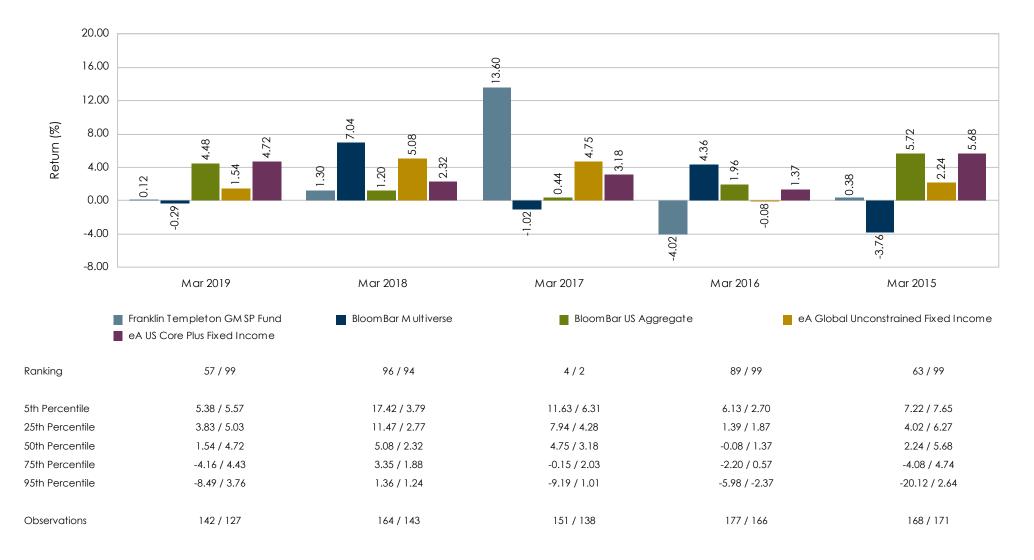
#### Franklin Templeton GMSP Fund

For the Periods Ending March 31, 2019



# Franklin Templeton GMSP Fund

For the One Year Periods Ending March



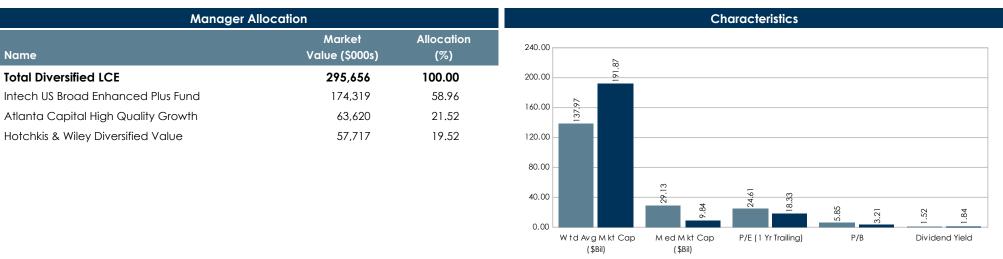
For the Periods Ending March 31, 2019

ormation
ne first business day following the
ber contributions or redemptions.
s day of the month.
ritten notification of Member
5

Portfolio Objectives and Constraints	Dollar Growth Summary (\$000s)		
Invests in large cap US stocks that are diversified by industry and sector.			
Outperform the Duscell 1000 ever a complete market evelo (usually 2 to 5		FYTD	1 Year
<ul> <li>Outperform the Russell 1000 over a complete market cycle (usually 3 to 5</li> </ul>	Beginning Market Value	276,269	275,120
years).	Net Additions	21,603	-1,776
Rank above median in a relevant peer group universe.	Return on Investment	-2,216	22,312
<ul> <li>Stock values fluctuate in response to the activities of individual companies,</li> </ul>	Ending Market Value	295,656	295,656
the general market and economic conditions. Shares of the Portfolio are			
neither insured nor guaranteed by any US Government agency, including the			

FDIC.

For the Periods Ending March 31, 2019

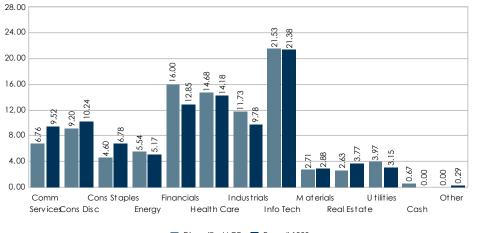


Diversified LCE Russell 1000

### Dollar Growth Summary (\$000s)

	FYTD	1 Year
Beginning Market Value	276,269	275,120
Net Additions	21,603	-1,776
Return on Investment	-2,216	22,312
Ending Market Value	295,656	295,656

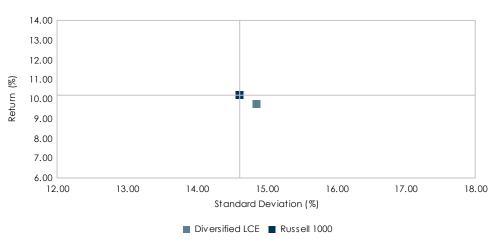
#### **Sector Allocation**



Diversified LCE Russell 1000

For the Periods Ending March 31, 2019

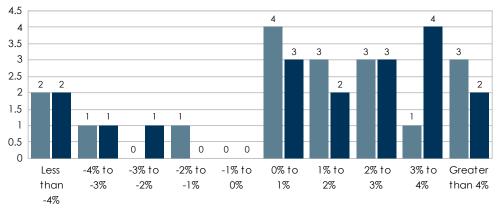
#### Risk / Return Since Oct 2017



	Diversified	
	LCE	Russell 1000
Return (%)	9.73	10.21
Standard Deviation (%)	14.87	14.62
Sharpe Ratio	0.53	0.58

Benchmark Relative Statistics	
1.01	
98.26	
-0.49	
1.96	
50.00	
94.92	
96.13	

#### Return Histogram Since Oct 2017



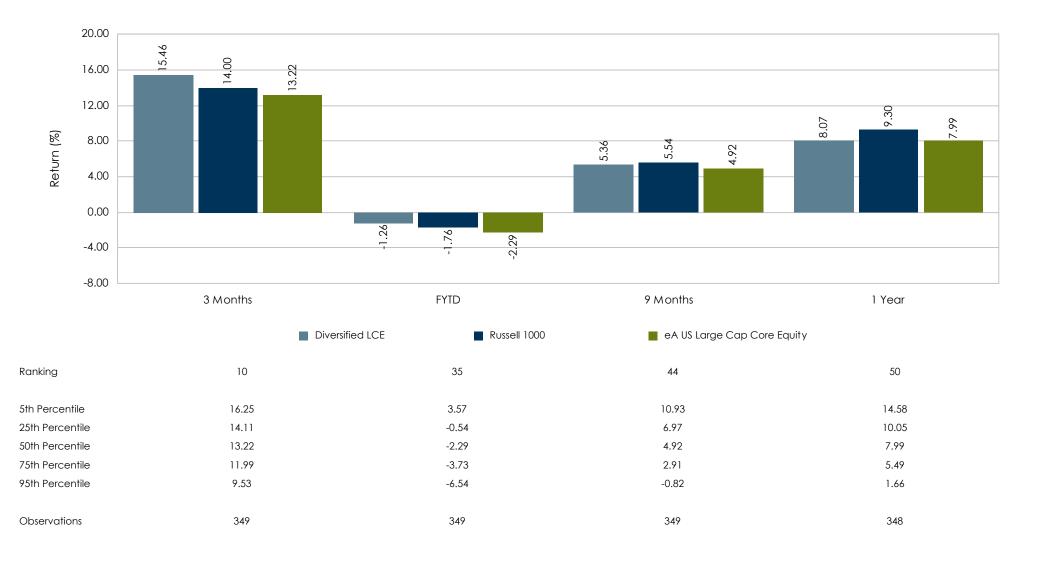
Diversified LCE Russell 1000

Return Analysis Since Oct 2017

Portfolio Statistics Since Oct 2017

	Diversified	
	LCE	Russell 1000
Number of Months	18	18
Highest Monthly Return (%)	9.27	8.38
Lowest Monthly Return (%)	-9.03	-9.11
Number of Positive Months	14	14
Number of Negative Months	4	4
% of Positive Months	77.78	77.78

For the Periods Ending March 31, 2019



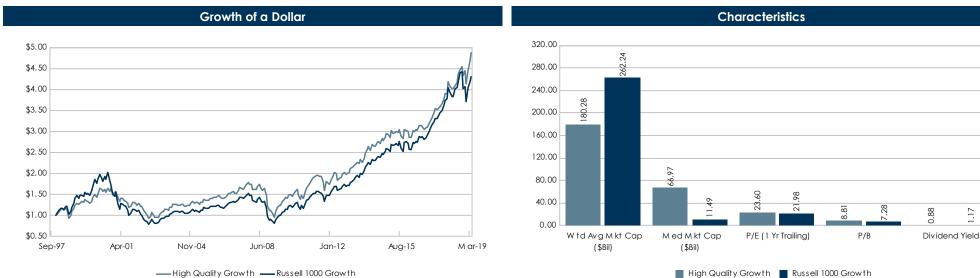
#### Investment Guidelines

#### Diversified Large Cap Equity Portfolio

For the Periods Ending March 31, 2019

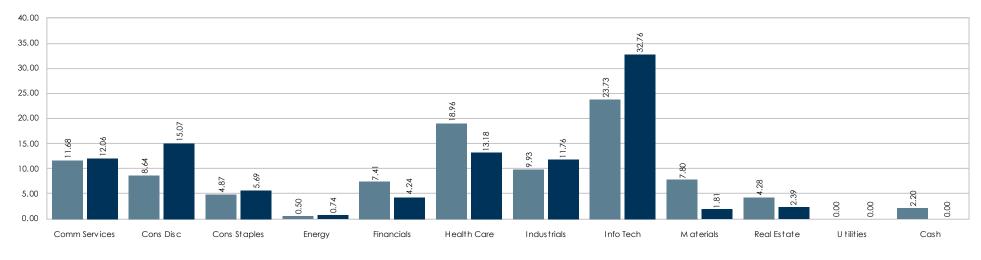
Manager Allocations	Target %	Range%	Actual Portfolio	Within Guidelines?	Comments
INTECH Broad Enhanced Russell 1000	60.0%	50% - 70%	58.96%	Yes	
Atlanta Capital High Quality Growth	20.0%	10% - 30%	21.52%	Yes	
Hotchkis & Wiley Diversified Value	20.0%	10% - 30%	19.52%	Yes	
Allocation	1	Max. %	Actual Portfolio	Within Guidelines?	Comments
A maximum of 10% of the portfolio, valued at market, may be invested in cash.		10.0%	0.67%	Yes	
The portfolio shall not own private placements, unregistered or registered stock, options, futures, or commodities, nor participate in margin trading.		N/A	N/A	Yes	

For the Periods Ending March 31, 2019



-High Quality Growth -Russell 1000 Growth

**Sector Allocation** 

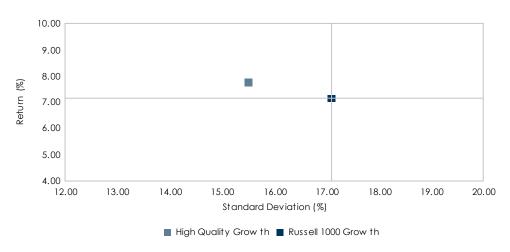


High Quality Growth Russell 1000 Growth

For the Periods Ending March 31, 2019

#### Risk / Return Since Jan 1998

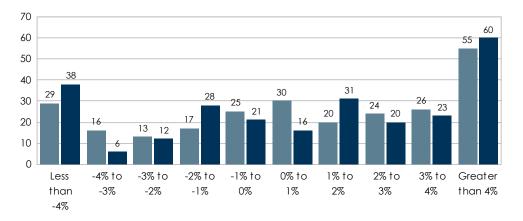




	High Quality	Russell
	Growth	1000 Growth
Return (%)	7.74	7.12
Standard Deviation (%)	15.51	17.09
Sharpe Ratio	0.38	0.31

0.85
88.19
1.56
5.90
46.67
88.69
87.41

#### Return Histogram Since Jan 1998

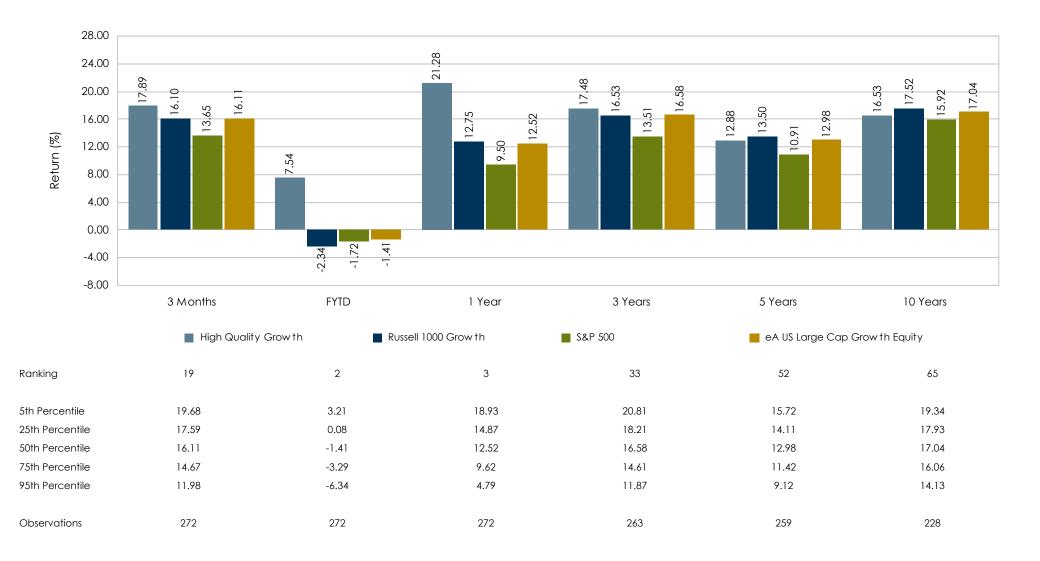


■ High Quality Grow th ■ Russell 1000 Grow th

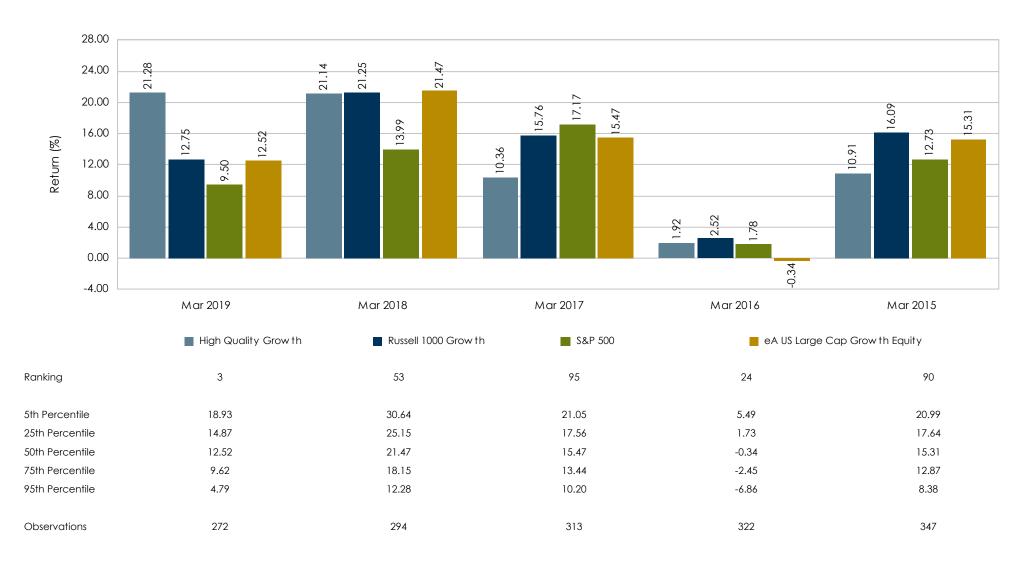
Return Analysis Since Jan 1998

	High Quality Growth	Russell 1000 Growth
Number of Months	255	255
Highest Monthly Return (%)	12.11	12.65
Lowest Monthly Return (%)	-17.56	-17.61
Number of Positive Months	155	150
Number of Negative Months	100	105
% of Positive Months	60.78	58.82

For the Periods Ending March 31, 2019



For the One Year Periods Ending March



#### **Investment Guidelines**

#### Atlanta Capital High Quality Growth

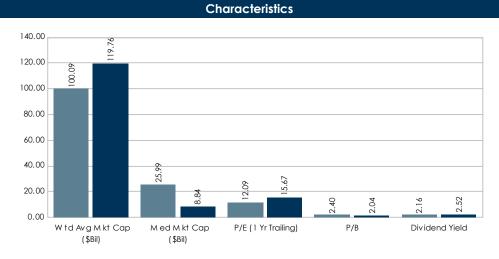
For the Periods Ending March 31, 2019

ortfolio Sector Allocations	Maximum	Actual Portfolio	Within Guidelines?	Comments
aximum sector concentration shall be no more than 30% in any one sector as sfined by the Standard & Poor's GICS.				
CommunicationServices	30.00%	11.68%	Yes	
Consumer Discretionary	30.00%	8.64%	Yes	
Consumer Staples	30.00%	4.87%	Yes	
Energy	30.00%	0.50%	Yes	
Financials	30.00%	7.41%	Yes	
Health Care	30.00%	18.96%	Yes	
Industrials	30.00%	9.93%	Yes	
Information Technology	30.00%	23.73%	Yes	
Materials	30.00%	7.80%	Yes	
Real Estate	30.00%	4.28%	Yes	
Utilities	30.00%	0.00%	Yes	
location	Max. %	Actual Portfolio	Within Guidelines?	Comments
A maximum of 10% of the portfolio, valued at market, may be invested in cash.	10.0%	2.20%	Yes	
A maximum of 15% of the portfolio may be held in securities that have an S&P equity ranking or Value Line Financial Strength rating below B+.	15.0%	0.00%	Yes	
A maximum of 5% of the portfolio may be invested in the securities of an individual corporation.	5.0%	4.88%	Yes	Largest Position Noted
A maximum of 10% of the portfolio, valued at market, may be invested in convertible issues (must have rating of Baa/BBB or better).	10.0%	0.00%	Yes	
A maximum of 5% of the portfolio, valued at market, may be invested in any one convertible issuer.	5.0%	0.00%	Yes	
Maximum of 20% of the Portfolio, valued at market, may be invested in ADRs and common stocks of corporations organized under the laws of any country other than the United States, which are traded primarily on a US stock exchange.	20.0%	13.42%	Yes	

For the Periods Ending March 31, 2019

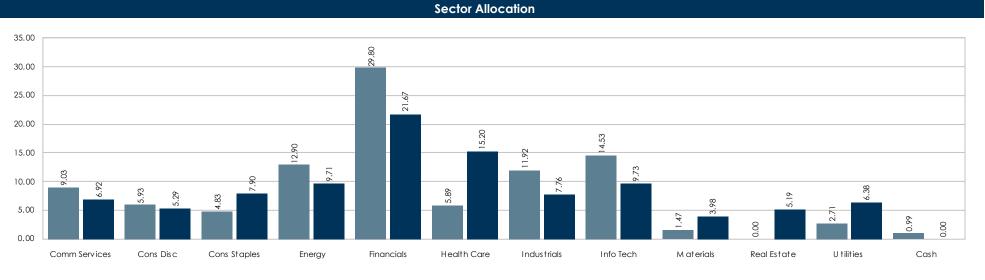


---- Diversified Value ---- Russell 1000 Value



#### Growth of a Dollar

Diversified Value Russell 1000 Value



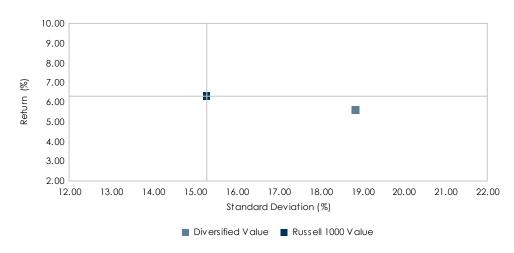
Diversified Value Russell 1000 Value

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For the Periods Ending March 31, 2019

#### Risk / Return Since Nov 2006

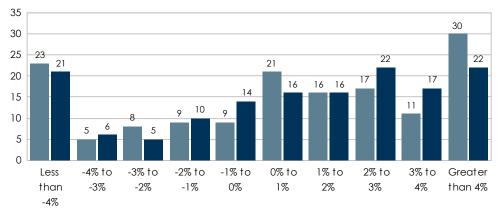




	Diversified	Russell
	Value	1000 Value
Return (%)	5.59	6.28
Standard Deviation (%)	18.85	15.28
Sharpe Ratio	0.25	0.36

Benchmark Relative Statistics	
1.18	
90.88	
-1.32	
6.29	
53.69	
114.76	
115.18	

Return Histogram Since Nov 2006

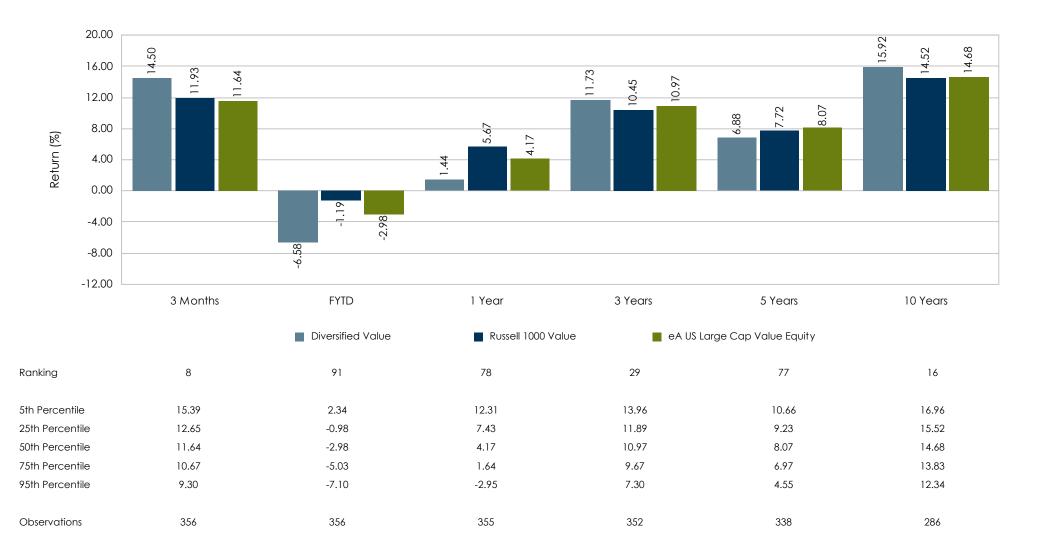


■ Diversified Value ■ Russell 1000 Value

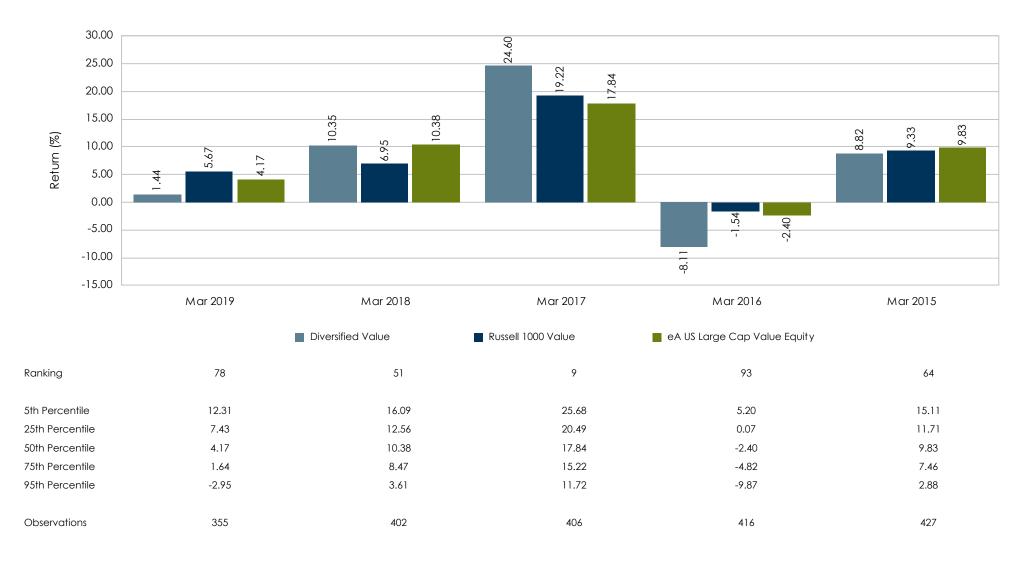
Return Analysis Since Nov 2006

	Diversified Value	Russell 1000 Value
Number of Months	149	149
Highest Monthly Return (%)	15.99	11.45
Lowest Monthly Return (%)	-16.08	-17.31
Number of Positive Months	95	93
Number of Negative Months	54	56
% of Positive Months	63.76	62.42

For the Periods Ending March 31, 2019



For the One Year Periods Ending March



#### Investment Guidelines

#### Hotchkis & Wiley Diversified Value

For the Periods Ending March 31, 2019

folio Sector Allocations	Maximum	Actual Portfolio	Within Guidelines?	Comments
imum sector concentration shall be no more than 35% for any sector as ned by the Standard & Poor's GICS.				
CommunicationServices	35.00%	9.03%	Yes	
Consumer Discretionary	35.00%	5.93%	Yes	
Consumer Staples	35.00%	4.83%	Yes	
Energy	35.00%	12.90%	Yes	
Financials	35.00%	29.80%	Yes	
Health Care	35.00%	5.89%	Yes	
Industrials	35.00%	11.92%	Yes	
Information Technology	35.00%	14.53%	Yes	
Materials	35.00%	1.47%	Yes	
Real Estate	35.00%	0.00%	Yes	
Utilities	35.00%	2.71%	Yes	
cation	Max. %	Actual Portfolio	Within Guidelines?	Commen
A maximum of 10% of the portfolio, valued at market, may be invested in cash.	10.0%	0.99%	Yes	
The portfolio shall not own more than 5% of the outstanding common stock of any individual corporation.	5.0%	N/A	Yes	
A maximum of 7.5% of the portfolio may be invested in the securities of an individual corporation.	7.5%	4.95%	Yes	Largest Posit Noted
A maximum of 10% of the portfolio, valued at market, may be invested in convertible issues (must have rating of Baa/BBB or better).	10.0%	0.00%	Yes	
A maximum of 5% of the portfolio, valued at market, may be invested in any one convertible issuer.	5.0%	0.00%	Yes	
A maximum of 20% of the portfolio, valued at cost, may be invested in common stocks of corporations that are organized under the laws of any country other than the United States and traded on the NYSE,	20.0%	16.78%	No	

For the Periods Ending March 31, 2019

Portfolio Description	Portfolio Information
Strategy Small to Mid (SMID) (Strategy change in 2010)	Minimum initial investment \$50,000
Manager Atlanta Capital Management Company	Minimum subsequent investments \$5,000
Vehicle Separately Managed Account	Minimum redemption \$5,000
Benchmark A blend of Russell 2500 and Russell 2000	The Portfolio is open once a month, on the first business day following the
Performance Inception Date January 2000	Portfolio Valuation date, to accept Member contributions or redemptions.
Fees Manager Fee - 45 bps; Admin Fee - 14.5 bps	The Portfolio is valued on the last business day of the month.
Total Expenses Approximately 63 bps	The Administrator must have advance written notification of Member contributions or redemptions.

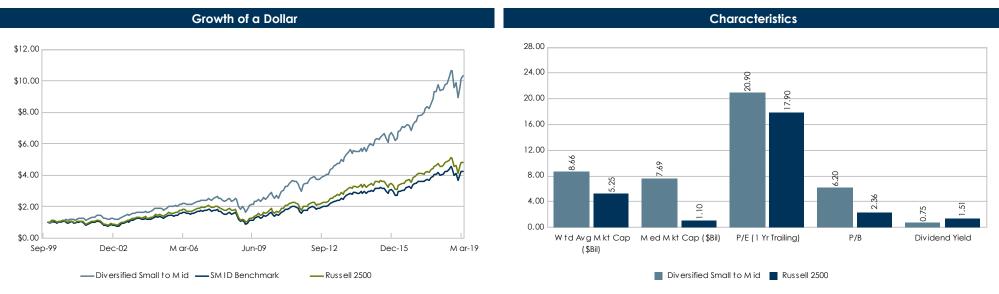
Portfolio Objectives and Constraints
--------------------------------------

- Invests in small to mid cap core style common stocks of companies domiciled in the US or traded on the New York Stock Exchange.
- Outperform a blended index of the Russell 2500 beginning June 1, 2010 and the Russell 2000 prior to that, over a complete market cycle (usually 3 to 5 years).
- Rank above median in a relevant peer group universe.
- Stock values fluctuate in response to the activities of individual companies, the general market and economic conditions. Shares of the Portfolio are neither insured nor guaranteed by any US Government agency, including the FDIC.

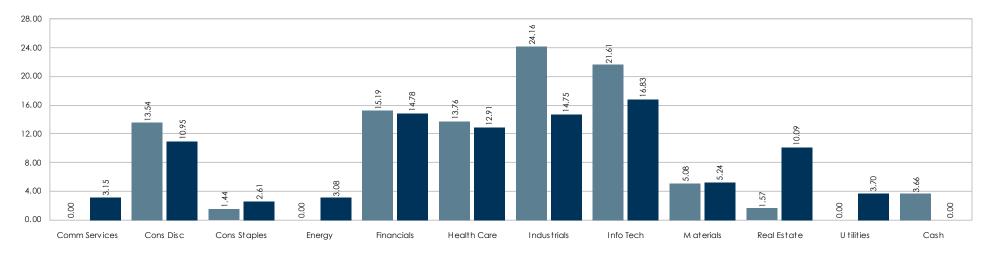
#### Dollar Growth Summary (\$000s)

	FYTD	1 Year
Beginning Market Value	138,458	136,130
Net Additions	1,985	-11,926
Return on Investment	-3,921	12,318
Income	603	1,185
Gain/Loss	-4,524	11,133
Ending Market Value	136,522	136,522

For the Periods Ending March 31, 2019







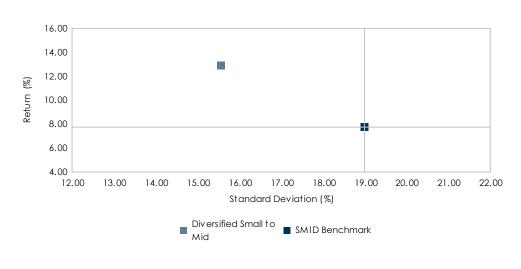
Diversified Small to Mid Russell 2500

For the Periods Ending March 31, 2019

#### Risk / Return Since Jan 2000



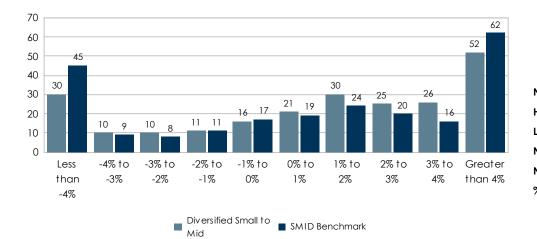
Return Analysis Since Jan 2000



	Diversified	SMID
	Small to Mid	Benchmark
Return (%)	12.92	7.75
Standard Deviation (%)	15.55	18.99
Sharpe Ratio	0.73	0.32

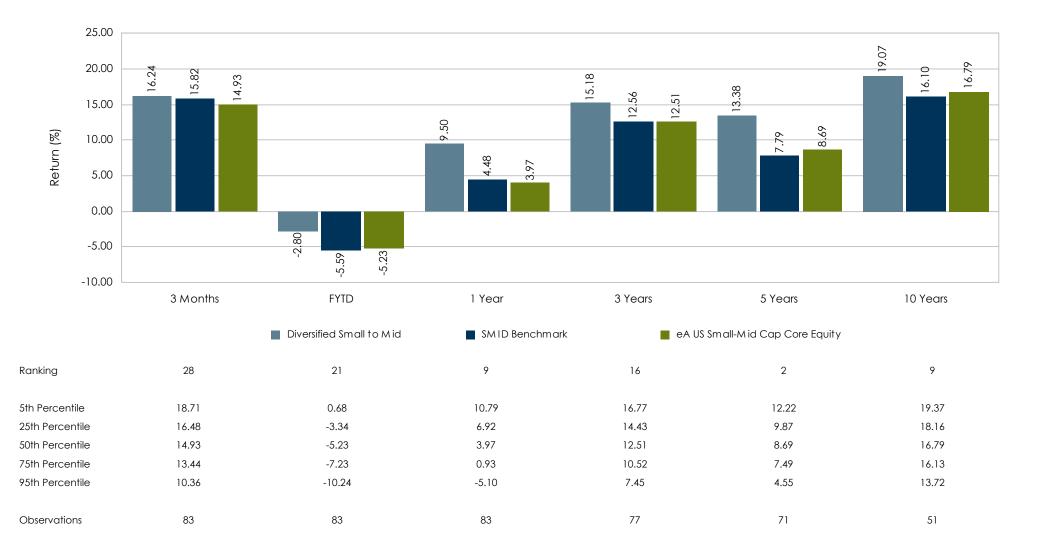
Be	Benchmark Relative Statistics	
Beta	0.75	
R Squared (%)	83.72	
Alpha (%)	6.65	
Tracking Error (%)	7.88	
Batting Average (%)	53.25	
Up Capture (%)	85.58	
Down Capture (%)	69.47	

#### Return Histogram Since Jan 2000

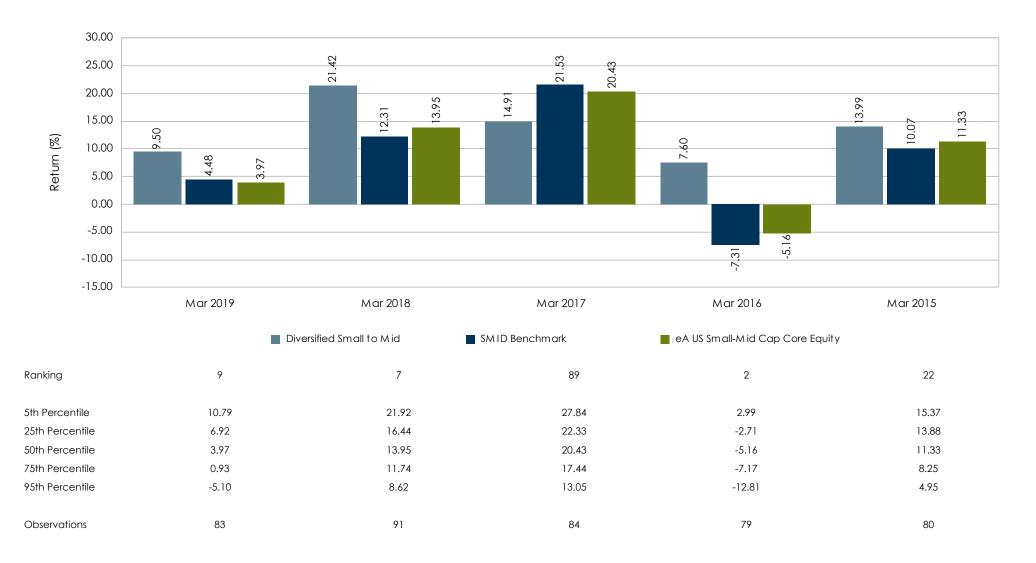


	Diversified	SMID
	Small to Mid	Benchmark
Number of Months	231	231
Highest Monthly Return (%)	15.00	16.51
Lowest Monthly Return (%)	-16.30	-20.80
Number of Positive Months	154	141
Number of Negative Months	77	90
% of Positive Months	66.67	61.04

For the Periods Ending March 31, 2019



For the One Year Periods Ending March



#### **Investment Guidelines**

#### Diversified Small to Mid (SMID) Cap Equity Portfolio

For the Periods Ending March 31, 2019

ortfolio Sector Allocations	Maximum	Actual Portfolio	Within Guidelines?	Comments
aximum sector concentration shall be no more than 30% in any one sector				
CommunicationServices	30.00%	0.00%	Yes	
Consumer Discretionary	30.00%	13.54%	Yes	
Consumer Staples	30.00%	1.44%	Yes	
Energy	30.00%	0.00%	Yes	
Financials	30.00%	15.19%	Yes	
Health Care	30.00%	13.76%	Yes	
Industrials	30.00%	24.16%	Yes	
Information Technology	30.00%	21.61%	Yes	
Materials	30.00%	5.08%	Yes	
Real Estate	30.00%	1.57%	Yes	
Utilities	30.00%	0.00%	Yes	
ocation	Max. %	Actual Portfolio	Within Guidelines?	Comments
A maximum of 10% of the portfolio, valued at market, may be invested in cash.	10.00%	3.66%	Yes	
A maximum of 25% of the portfolio may be held in securities that have an S&P equity ranking or Value Line Financial Strength rating below B+.	25.00%	4.68%	Yes	
A maximum of 5% of the portfolio may be invested in the securities of an individual corporation.	5.00%	4.88%	Yes	Largest Position Noted
, , ,	5.00%		Yes	Largest Position Noted
individual corporation. A maximum of 10% of the portfolio, valued at market, may be invested in		4.88%		Largest Position Noted

### FMIvT International Equity Portfolio

For the Periods Ending March 31, 2019

Portfolio Description	Portfolio Information
Strategy International Equity	Minimum initial investment \$50,000
Manager Investec Asset Management and Wells Capital Management	Minimum subsequent investments \$5,000
Vehicle Non-Mutual Commingled	Minimum redemption \$5,000
Benchmark MSCI ACWI ex US	The Portfolio is open once a month, on the first business day following the
Performance Inception Date June 2005 (Manager changes April 2011,	Portfolio Valuation date, to accept Member contributions or redemptions.
October 2014 & October 2017)	The Portfolio is valued on the last business day of the month.
Fees Manager Fee - 43 bps; Admin Fee - 14.5 bps	The Administrator must have advance written notification of Member
Total Expenses Approximately 62 bps	contributions or redemptions.

**Ending Market Value** 

1 Year

4,224

-2,587

129,753

129,753

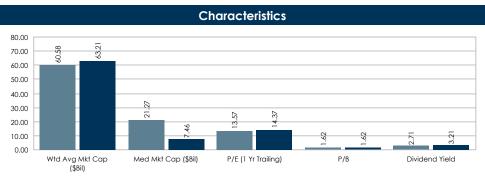
128,116

Portfolio Objectives and Constraints		Dollar Growth Summary (\$000s)
Invests in developed and emerging markets outside the US. Maintains		
approximately equal weightings to both growth and value securities through		FYTD
a systematic rebalancing process.	Beginning Market Value	122,014
a systematic reputationing process.	Net Additions	8,556
<ul> <li>Outperform the MSCI ACWI ex US over a complete market cycle (usually 3 to</li> </ul>	Return on Investmen	t -817

- Outper 5 years).
- Rank above median in a relevant peer group universe.
- Stock values fluctuate in response to the activities of individual companies, the general market and economic conditions. Investments in foreign securities generally pose greater risk than domestic securities.

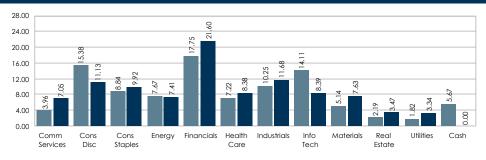
For the Periods Ending March 31, 2019

Manager Allocation		
MarketAllocationNameValue (\$000s)(%)		
Total International Blend	129,753	100.00
Investec International Dynamic Fund	114,458	88.21
Wells Capital EM Large/Mid Cap Fund	15,295	11.79

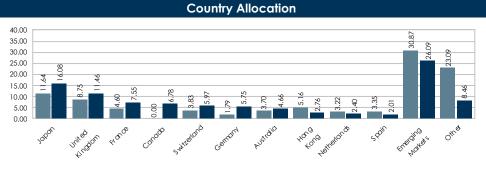


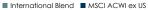
■ International Blend ■ MSCI ACWI ex US

**Sector Allocation** 



■ International Blend ■ MSCI ACWI ex US

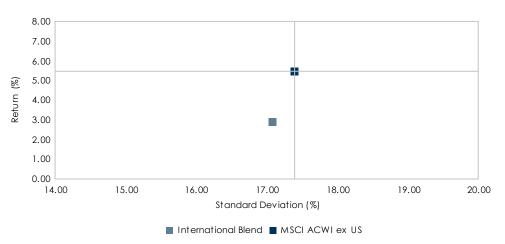




Dollar Growth Summary (\$000s)		
	FYTD	1 Year
Beginning Market Value	122,014	128,116
Net Additions	8,556	4,224
Return on Investment	-817	-2,587
Ending Market Value	129,753	129,753

For the Periods Ending March 31, 2019

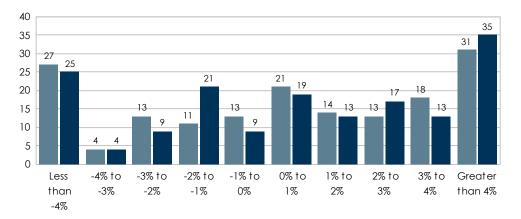
#### Risk / Return Since Jul 2005



	International Blend	MSCI ACWI ex US
Return (%)	2.86	5.47
Standard Deviation (%)	17.08	17.39
Sharpe Ratio	0.10	0.25

Benchmark Relative Statistics	
Beta	0.96
R Squared (%)	95.07
Alpha (%)	-2.24
Tracking Error (%)	3.86
Batting Average (%)	45.45
Up Capture (%)	90.43
Down Capture (%)	101.95

#### Return Histogram Since Jul 2005



■ International Blend ■ MSCI ACWI ex US

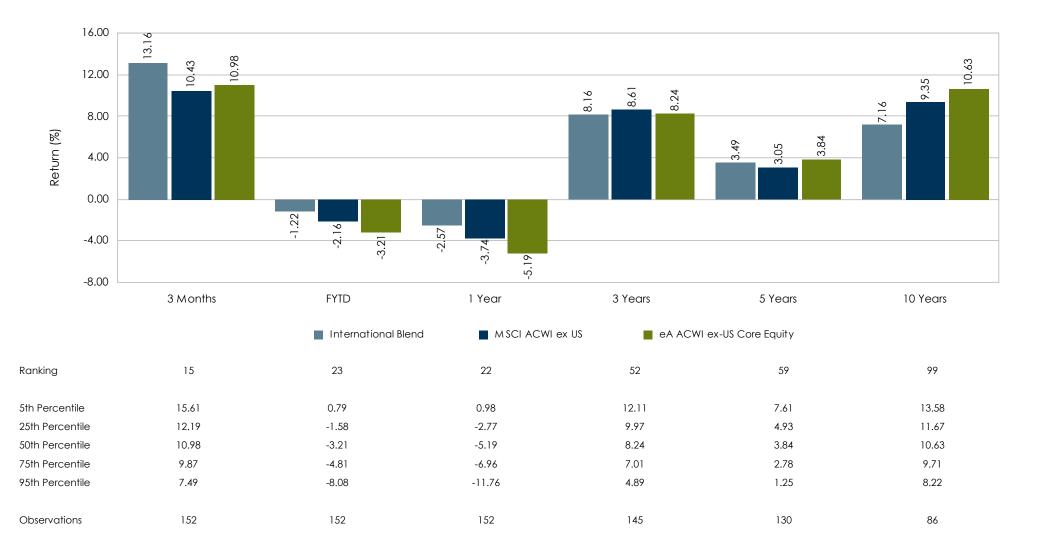
Return Analysis Since Jul 2005

Portfolio Statistics Since Jul 2005

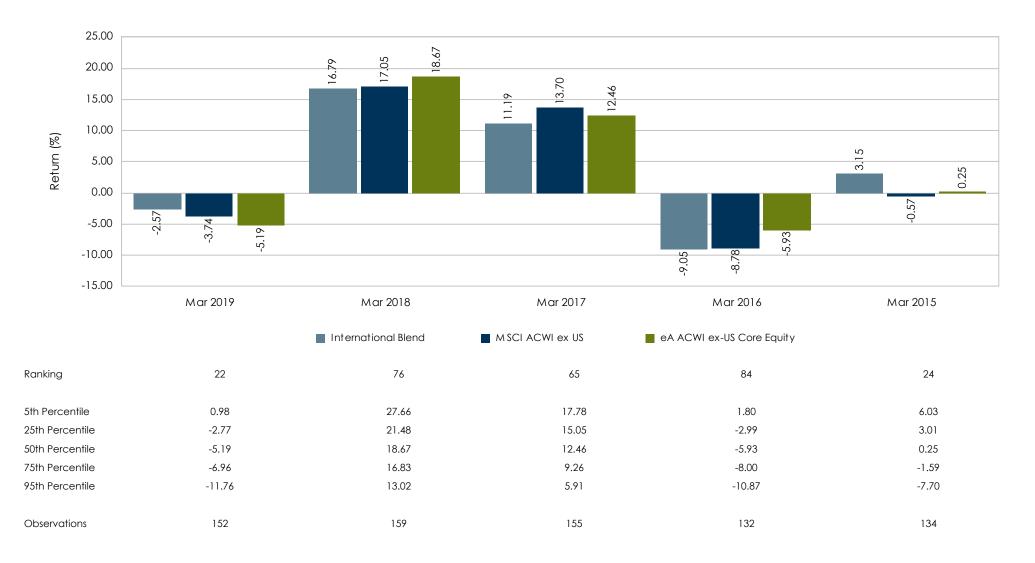
	International Blend	MSCI ACWI ex US
Number of Months	165	165
Highest Monthly Return (%)	12.03	13.75
Lowest Monthly Return (%)	-21.48	-22.01
Number of Positive Months	97	97
Number of Negative Months	68	68
% of Positive Months	58.79	58.79

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For the Periods Ending March 31, 2019



For the One Year Periods Ending March



#### Investment Guidelines

#### International Equity Portfolio

For the Periods Ending March 31, 2019

Manager Allocations	Target %	Range%	Actual Portfolio	Within Guidelines?	Comments
Investec International Dynamic Equity Fund	90.00%	80% - 100%	88.21%	Yes	
Wells Fargo Berkeley Street EM Large/Mid Cap Fund	10.00%	0% - 20%	11.79%	Yes	
Allocation		Max. %	Actual Portfolio	Within Guidelines?	Comments
A maximum of 10% of the portfolio, valued at market, may be invested in cash.		10.0%	5.67%	Yes	

# Wells Capital EM Large/Mid Cap Fund

For the Periods Ending March 31, 2019

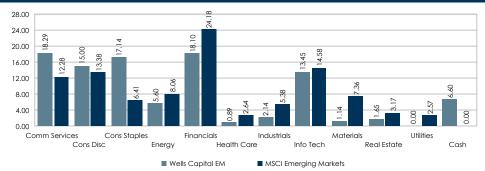


(\$Bil)

Sector Allocation

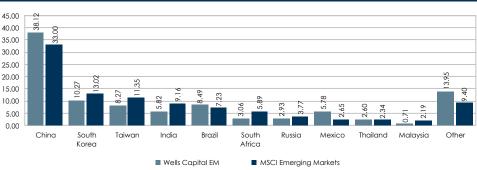
Wells Capital EM

MSCI Emerging Markets



### Dollar Growth Summary (\$000s)

Beginning Market Value	FYTD 14,830	1 Year 16,394
Net Additions	-175	-200
Return on Investment	640	-899
Ending Market Value	15,295	15,295



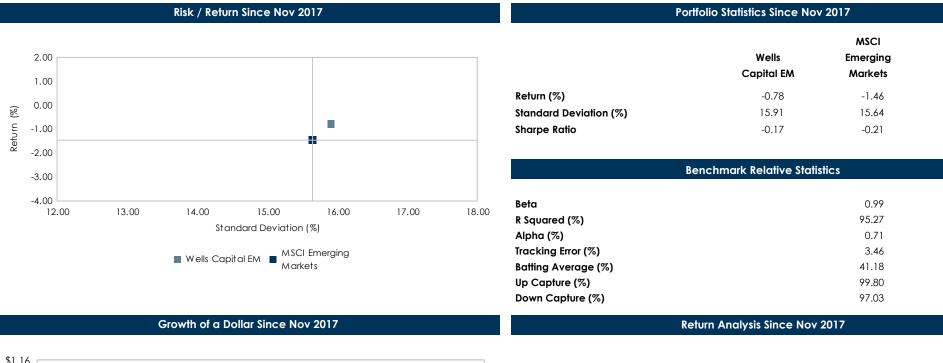
#### **Country Allocation**

Characteristic and allocation charts represents data of the Wells Fargo Emerging Markets Large/Mid Cap Fund (Non-Mutual Commingled).

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# Wells Capital EM Large/Mid Cap Fund

For the Periods Ending March 31, 2019

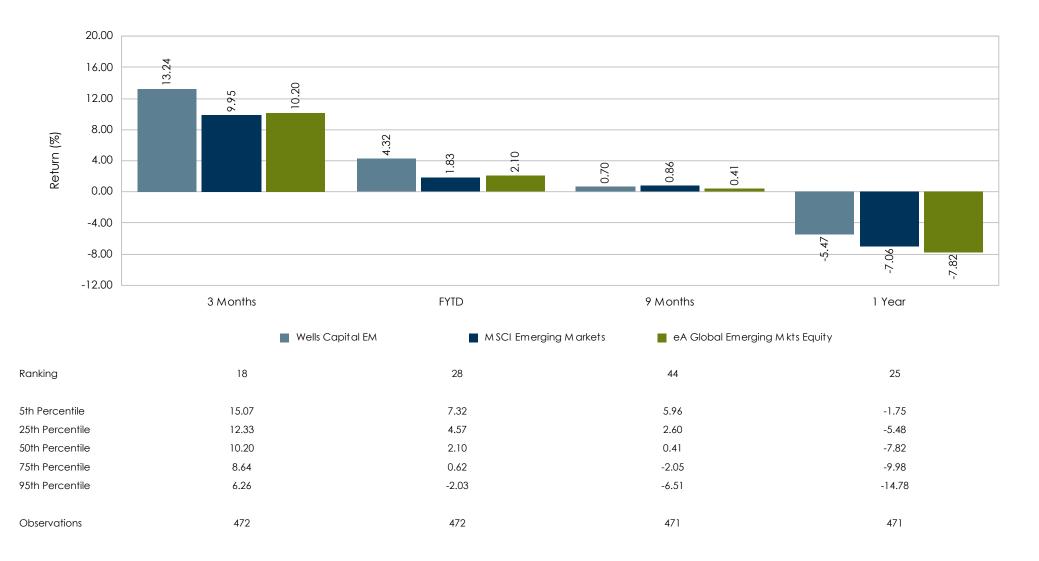




	Wells Capital EM	MSCI Emerging Markets
Number of Months	17	17
Highest Monthly Return (%)	10.67	8.76
Lowest Monthly Return (%)	-8.23	-8.70
Number of Positive Months	7	8
Number of Negative Months	10	9
% of Positive Months	41.18	47.06

### Wells Capital EM Large/Mid Cap Fund

For the Periods Ending March 31, 2019



# FMIvT Core Real Estate Portfolio

For the Periods Ending March 31, 2019

Portfolio Description	Portfolio Information
Strategy Core Real Estate	Minimum initial investment \$50,000
Manager Morgan Stanley Real Estate Advisor, Inc.	Minimum subsequent investments \$5,000
Vehicle Non-Mutual Commingled	Minimum redemption \$5,000 or Member's entire remaining account balance if
Benchmark NFI ODCE Net Index	the Member's balance falls below \$50,000
Performance Inception Date April 2018	The Portfolio is open once a quarter, on the first business day following the
Fees Manager Fees - 124 bps; Admin Fees - 14.5 bps	Portfolio Valuation date, to accept Member contributions or redemptions.
Total Expenses Approximately 141 bps	The Portfolio is valued on the last business day of the calendar quarter.
	The Administrator must have written notification five business days prior to the
	valuation of the Portfolio of Member contributions or redemptions.

Portfolio Objectives and Constraints	Dollar Gr	Dollar Growth Summary (\$000s)		
Invests in real estate properties diversified by type and location.				
<ul> <li>Outperform the NFI ODCE Net index on an annual basis.</li> </ul>		FYTD	1 Year	
	Beginning Market Value	102,418	25,000	
	Net Additions	-400	74,276	
	Return on Investment	3,612	6,355	
	Ending Market Value	105,631	105,631	

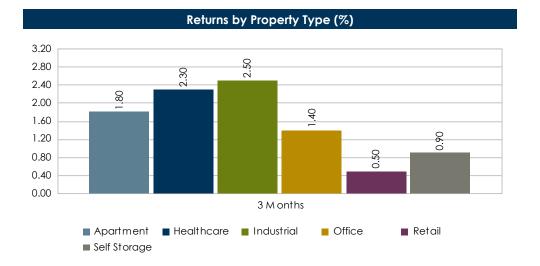
#### FMIvT Core Real Estate Portfolio

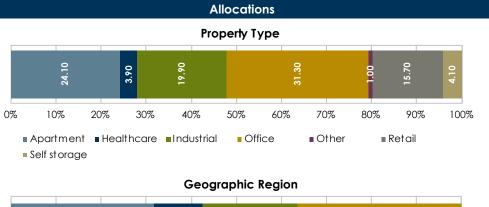
For the Periods Ending March 31, 2019

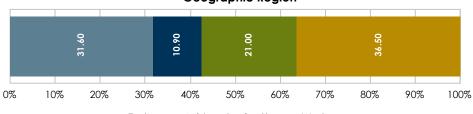
Account Description	Fund Information	
Strategy Core Real Estate	Gross Market Value	\$28,948,000,000
<ul> <li>Vehicle Non-Mutual Commingled</li> <li>Benchmark NFI ODCE Net</li> </ul>	Net Market Value	\$23,706,000,000
	Cash Balance of Fund	\$213,354,000
	# of Properties	434
Performance Inception Date April 2018	# of Participants	382

#### **Performance Goals**

- Invests in real estate properties diversified by type and location.
- Outperform the NFI ODCE Net index on an annual basis.







East Midwest South West

Characteristic and allocation charts represents data of the Prime Property Fund, LLC (Non-Mutual Commingled).

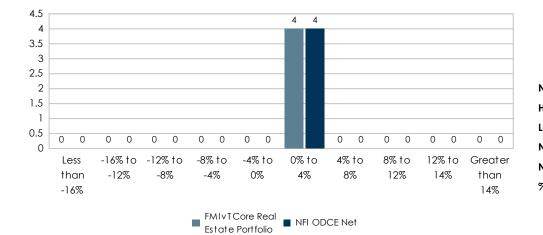
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### FMIvT Core Real Estate Portfolio

For the Periods Ending March 31, 2019



#### Return Histogram Since Apr 2018



FMIvT Core **Real Estate** NFI Portfolio **ODCE** Net Number of Quarters 4 4 Highest Quarterly Return (%) 2.24 1.87 Lowest Quarterly Return (%) 1.27 1.20 Number of Positive Quarters 4 4 0 0 Number of Negative Quarters % of Positive Quarters 100.00 100.00

**Return Analysis Since Apr 2018** 

### FMIvT Core Real Estate Portfolio

For the Periods Ending March 31, 2019

