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

As of June 30, 2019

## **OPEB 70% Equity Allocation**

- Despite the intra-quarter volatility that the global equity markets faced, they ultimately advanced in the second quarter helping the 70% Equity Allocation to outpace the Target Index (up 4.4% vs up 3.4%). This allocation posted strong results fiscal year to date, outperforming the Target Index by 123 basis points while ranking in the top 10<sup>th</sup> percentile of the public fund peer group.
- Over the past 5 years, this allocation posted an absolute return of 7.2% while ranking in the top 5<sup>th</sup> percentile of its peer group of public defined benefits plans.
- Over the past 10 years, this allocation is up 10.1% 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 has minimal investment in the strongest performing sector, US Investment Grade Credit. Both the BloomBar US Aggregate A+ benchmark (14.4%) and the peer group of US Core Fixed Income managers (33.9%) have healthy allocations to this sector of the market. Despite its conservative allocation, the Broad Market High Quality Bond Fund (up 2.7%) nearly matched the performance of the benchmark (2.8%) in the second quarter, and has managed to outperform it over the past 3 years (2.1% vs. 1.9%).
- 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 Core Plus Fixed Income Fund trailed the BloomBar Multiverse in the second quarter (up 2.2% vs 3.3%) primarily due to the funds' shorter duration posture. However, over the past year, the fund has outpaced the benchmark by over 80 basis points and ranks in the top 25<sup>th</sup> percentile of the peer group of Global Unconstrained Fixed Income managers.
- In the 5 years since inception, the Core Plus Fixed Income Fund has posted absolute returns of 2.7% on average annually, outperforming the benchmark (up 1.4%) by over 130 basis points.
- The Core Plus Fixed Income Fund was added to the FMIvT lineup in April 2014 to provide broad global fixed income exposure, through equal allocation to two strategies (Amundi Pioneer Multi-Sector Fixed Income Fund and the Franklin Templeton Global Multi-Sector Plus Fund).

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

As of June 30, 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 continued to achieve strong results, outpacing the Russell 1000 Index by nearly 130 basis points while ranking in the top 18th percentile of the US Large Cap Core Equity peer group in the second quarter of 2019.
- Each of the core, value, and growth managers outperformed their respective benchmarks and ranked in the top quartile of their peer group universes. 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 25.5%) of all equity accounts in the FMIvT lineup.

#### FMIvT Diversified Small to Mid Cap Equity Fund

- This strategy posted the strongest results in the FMIvT lineup in the second quarter, achieving a 9.0% return, which outpaced the SMID Benchmark by 600 basis points. Over the past 5 years, the fund has outperformed the benchmark by 700 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 18.1% on average annually compared with 14.3% for the benchmark. Furthermore, the fund ranked in the top 2<sup>nd</sup> percentile of its peer group, with a more modest risk profile and very strong risk-adjusted returns.

## FMIvT International Equity Portfolio

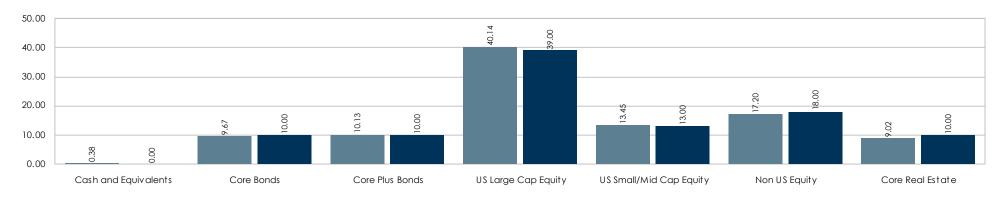
- In October 2017, a ten percent allocation to emerging markets (Wells Capital Berkeley Street Emerging Markets Fund) was added to this portfolio.
- The portfolio continued to post strong results, matching the performance of the MSCI ACWI ex US benchmark (both up 3.2%) in the second quarter. With the headwinds that the international equity markets have faced over the past year, this portfolio has protected on the downside, achieving 55 basis points of excess return over the benchmark.
- Over the past 3 years, the portfolio has outperformed the benchmark by 85 basis points while also ranking in the top 33<sup>rd</sup> percentile of the peer group of international core equity managers.
- 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 2.1%) outperformed the NFI ODCE Net benchmark (up 0.8%) in the second quarter, and has outpaced the benchmark by 291 basis points over the past year.

## **Total Portfolio**

For the Period Ending June 30, 2019

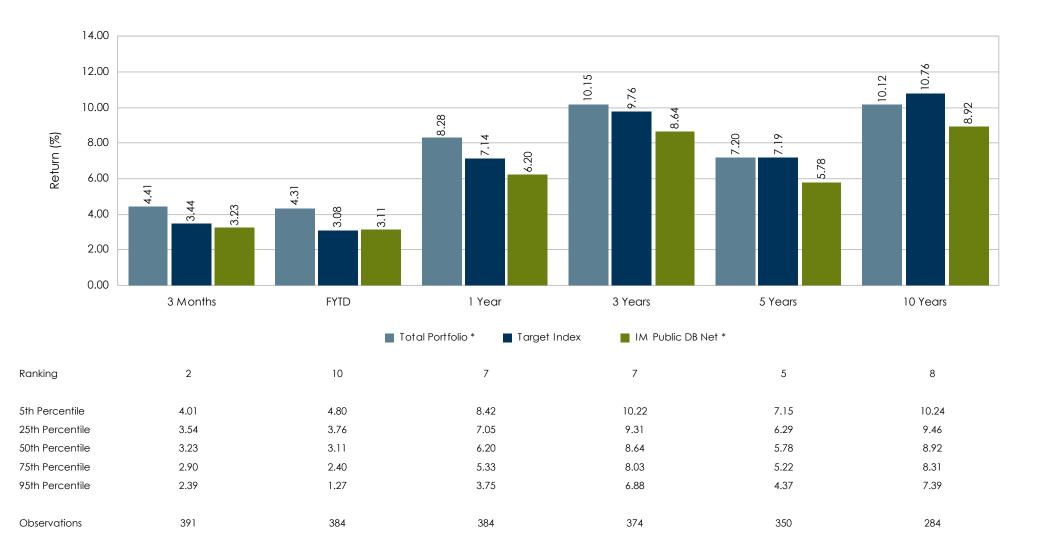


■ Actual Allocation ■ Target Allocation

	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	Over/Under Target (%)	
Total Portfolio	5,509	100.00	100.00		
Cash and Equivalents	21	0.38	0.00	0.38	
Fixed Income	1,091	19.80	20.00	-0.20	
Core Bonds	533	9.67	10.00	-0.33	
Core Plus Bonds	558	10.13	10.00	0.13	
Equity	3,900	70.79	70.00	0.79	
US Equity	2,952	53.60	52.00	1.60	
US Large Cap Equity	2,211	40.14	39.00	1.14	
US Small/Mid Cap Equity	741	13.45	13.00	0.45	
Non US Equity	947	17.20	18.00	-0.80	
Core Real Estate	497	9.02	10.00	-0.98	

**Total Portfolio** 

For the Periods Ending June 30, 2019

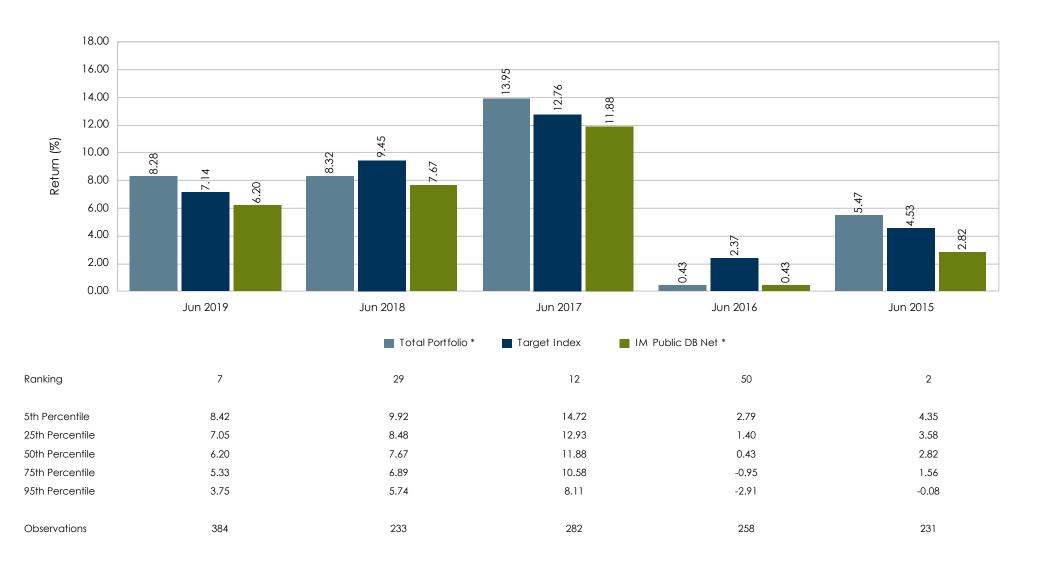


The rankings represent the portfolio's returns versus a peer universe. The rankings are on a scale of 1 to 100 with 1 being the best.

<sup>\*</sup> Performance is calculated using net of fee returns.
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**Total Portfolio** 

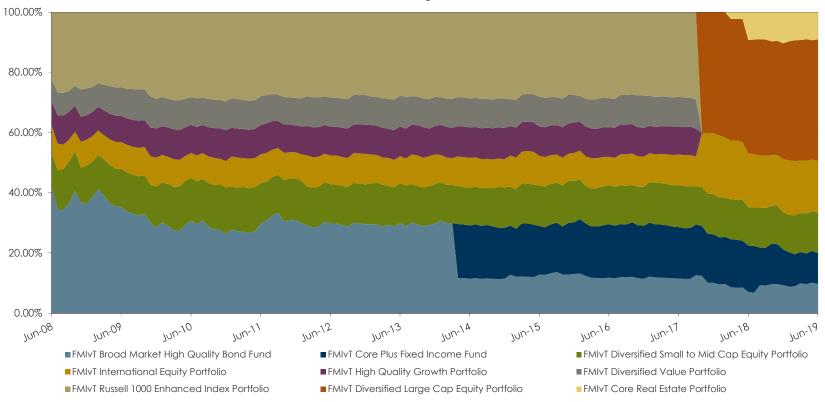
For the One Year Periods Ending June



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.

<sup>\*</sup> Performance is calculated using net of fee returns.
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Total Portfolio
Historical Manager Allocation



October 2007: Initial allocation to Broad Market HQ Bond, HQ Growth Equity, Large Cap Value, Russell 1000, Small Cap, and International. 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.

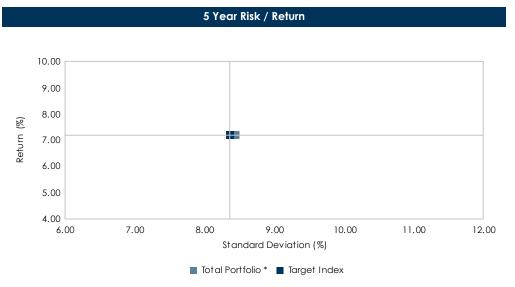
## Performance vs. Objectives

For the Periods Ending June 30, 2019

	Benchmark (%)	Rank	Total Portfolio (%)	Rank	Objective Met?	Benchmark (%)	Rank	Total Portfolio (%)	Rank	Objective Met?
			5 Years					10 Years		
<ul> <li>The Total Portfolio's annualized total return should exceed the total return of the Target Index.</li> </ul>	7.19		7.20 *		Yes	10.76		10.12*		No
The Total Portfolio's annualized total return should rank at median or above when compared to the IM Public DB Net universe.	5.78 *	50th	7.20 *	5th	Yes	8.92 *	50th	10.12*	8th	Yes

## **Total Portfolio**

For the Periods Ending June 30, 2019



# Return (%) 7.20 7.19 Standard Deviation (%) 8.44 8.36 Sharpe Ratio 0.76 0.76

	Benchmark Relative Statistics				
Beta	1.00				
Up Capture (%)	100.25				
Down Capture (%)	100.27				

5 Year Portfolio Statistics

#### \$1.45 \$1.40 \$1.35 \$1.30 \$1.25 \$1.20 \$1.15 \$1.10 \$1.05 \$1.00 \$0.95 Apr-15 Feb-16 Dec-16 Jun-19 Jun-14 Oct-17 Aug-18 —Total Portfolio \* —Target Index

5 Year Growth of a Dollar

### 5 Year Return Analysis

	Total Portfolio *	Target Index
Number of Months	60	60
Highest Monthly Return (%)	6.19	6.20
Lowest Monthly Return (%)	-5.70	-5.61
Number of Positive Months	40	44
Number of Negative Months	20	16
% of Positive Months	66.67	73.33

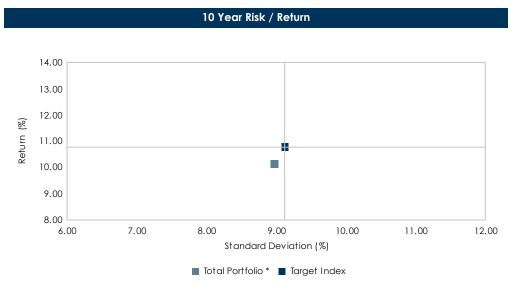
<sup>\*</sup> Performance is calculated using net of fee returns.

Statistics are calculated using monthly return data.

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## **Total Portfolio**

For the Periods Ending June 30, 2019



	Total	
	Portfolio *	Target Index
Return (%)	10.12	10.76
Standard Deviation (%)	8.98	9.13
Sharpe Ratio	1.08	1.13

	benchmark kelalive statistics	
Beta	0.98	
Up Capture (%)	95.64	
Down Capture (%)	98.68	

### 10 Year Growth of a Dollar \$2.80 \$2.60 \$2.40 \$2.20 \$2.00 \$1.80 \$1.60 \$1.40 \$1.20 \$1.00 Jun-09 Feb-11 Oct-12 Jun-14 Feb-16 Oct-17 Jun-19 —Total Portfolio \* —Target Index

## 10 Year Return Analysis

10 Year Portfolio Statistics

	Total Portfolio *	Target Index
Number of Months	120	120
Highest Monthly Return (%)	7.66	8.04
Lowest Monthly Return (%)	-5.70	-5.62
Number of Positive Months	82	86
Number of Negative Months	38	34
% of Positive Months	68.33	71.67

<sup>\*</sup> Performance is calculated using net of fee returns.

Statistics are calculated using monthly return data.
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# **Rates of Return Summary**

For the Periods Ending June 30, 2019

	Market Value (\$000s)	Actual Allocation (%)	3 Months (%)	FYTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)
Total Portfolio * 1	5,509	100.00	4.41	4.31	8.28	10.15	7.20	10.12
Target Index <sup>2</sup>			3.44	3.08	7.14	9.76	7.19	10.76
Cash and Equivalents	21	0.38						
Cash & Equivalents *	21	0.38	0.00	0.00	0.00	0.00	0.00	0.01
US T-Bills 90 Day			0.64	1.81	2.31	1.38	0.87	0.49
Fixed Income	1,091	19.80						
Core Bonds								
FMIvT Broad Market High Quality Bond Fund *	533	9.67	2.65	6.93	6.61	1.73	2.32	2.97
BloomBar US Aggregate A+			2.81	7.51	7.32	1.94	2.75	3.56
Core Plus Bonds								
FMIvT Core Plus Fixed Income Fund * 3	558	10.13	2.06	5.69	6.21	4.15	2.10	
BloomBar Multiverse			3.31	6.86	6.01	1.95	1.35	3.13
Equity	3,900	70.79						
US Equity	2,952	53.60						
US Large Cap Equity * 4	2,211	40.14	5.32	3.67	10.46	14.03	9.78	14.30
S&P 500			4.30	2.51	10.42	14.19	10.71	14.70
FMIvT Diversified Large Cap Equity Portfolio *	2,211	40.14	5.33	3.67	10.47			
Russell 1000			4.25	2.42	10.02	14.15	10.45	14.77
US Small/Mid Cap Equity								
FMIvT Diversified SMID Cap Equity Portfolio * 5	741	13.45	8.82	5.44	14.06	16.34	13.95	17.45
SMID Benchmark °			2.96	-2.80	1.77	12.34	7.66	14.27

FYTD: Fiscal year ending September.

<sup>\*</sup> Net of fee return data.

## **Rates of Return Summary**

For the Periods Ending June 30, 2019

	Market Value (\$000s)	Actual Allocation (%)	3 Months (%)	FYTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)
Non-US Equity								
FMIvT International Equity Portfolio * $^{7}$	947	17.20	3.02	1.43	1.66	10.08	2.99	4.72
MSCI ACWI ex US			3.22	0.99	1.80	9.91	2.65	7.03
Core Real Estate	497	9.02						
FMIvT Core Real Estate Portfolio * °	497	9.02	1.74	5.06	7.11			
NFI ODCE Net			0.77	3.53	5.47	6.61	8.76	8.87

#### Notes:

<sup>&</sup>lt;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>&</sup>lt;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.

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

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

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

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

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

Global Equity Update 2Q-2019

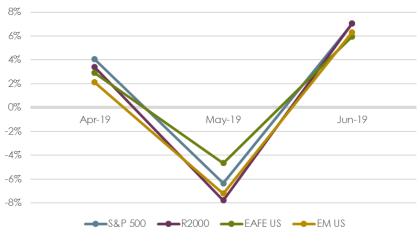
## **Global Long-Only Equity**

Global equity markets ultimately advanced in 2Q-19, but with intra-quarter volatility in the backdrop of positive quarter-end performance. During the period, market advancements in April were erased by the May downdraft as ongoing trade disputes and the potential for expanded tariffs shook markets alongside fears of an impending global economic slowdown. Markets rebounded in June fueled in part by the Federal Reserve signaling no further rate hiking action in 2019, with the potential for policy easing if appropriate.

**Domestic Large Caps led** the group with a 4.3% gain for the S&P 500 with positive moves in all sectors except Energy. Small Caps posted half the gain, up 2.1% for the Russell 2000 with mixed sector performance. Small Caps posted the sharpest May decline as investors started to fear these companies that tend to have a more domestic footprint may not be as isolated as once thought from trade wars. Global slowdown fears, which have historically pressured higher-beta Small Caps more than Large Cap peers, also detracted.

Developed International markets advanced +4.0% on broad strength throughout the underlying countries, which largely avoided being a target of the Trump Administration's agenda. Meanwhile, Emerging Markets directionally moved in tandem with broader global markets, but posted a somewhat muted +0.7% gain on trade tensions highlighted by the roughly 4.0% decline for China. **The weakened US dollar provided a performance tailwind** of roughly 90 bps and 40 bps for the EAFE and EM indices, respectively.

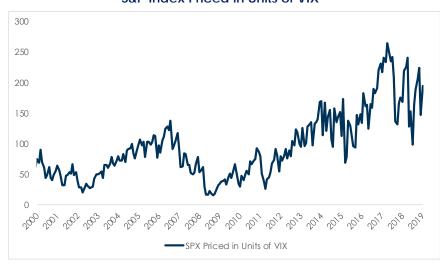
# Positive, but Volatile Equity Markets in 2Q-19



Sources: Bloomberg, ACG Research

## **Global Long/Short Equity**

#### **S&P Index Priced in Units of VIX**



Sources: Bloomberg, ACG Research

Volatility (both positive and negative) returned to the market in 2Q-19. The S&P priced in units of volatility (VIX) more than doubled from the end of 2018 through April, then dropped 35% in May and increased 33% in June. We anticipate this **higher volatility to be the norm** for the foreseeable future. All else being equal, an increase in market **volatility helps generate opportunities** on both the long and short side so equity long/short managers stand to benefit.

Equity long/short managers have been optimistic about the outlook for company earnings performance, but seem to be taking a "wait and see" approach due to macro concerns surrounding interest rates, trade wars and geopolitical uncertainty around the world. This is reflected by gross exposure that is at average historical levels with net moving up to slightly above historical averages. The managers remain ready to deploy capital if there are any significant dislocations.

Global positioning has shifted more into the US as European exposures decreased due to Brexit concerns. Despite this decrease, European exposure remains above historical averages. Asia exposure is mixed as China Internet exposure hit all-time highs while Japan exposure is near historic lows. Health Care, typically a key sector of interest, has also seen a reversal as net exposure has decreased to the lowest level in a year. Event Driven exposure has increased from multi-year lows in 1Q-19 as corporate activity remains healthy and is expected to increase if there is any clarity on the trade war.

## **Global Private Equity**

Valuations, if the trend thus far holds, will set new highs in 2019 as YTD purchase price multiples have exceeded 11x EBITDA. The median acquisition price for a private equity-backed company purchased in 2Q-19 was 11.3x EBITDA, up from 2018's 10.6x EBITDA mark. Leverage levels have held steady at approximately 5.7x EBITDA, leaving private equity sponsors to make up the difference with larger equity investments. Time will tell if the second quarter's elevated purchase price multiples are an aberration or a continuation of a 10-year trend.

The possibility of slowing economic growth continues to pose risks to private equity-backed companies, while the prospect of Federal Funds rate cuts may offset some effects of a potential downturn. 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.

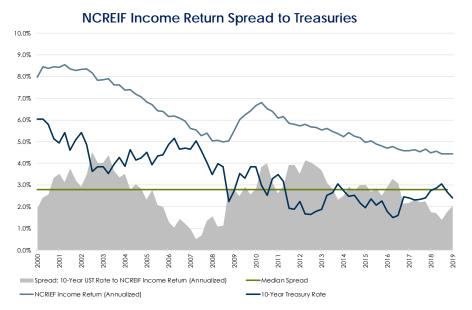
While post-IPO performance was not universally positive, **2Q-19 was the biggest second quarter for IPO volume since 2000** as several large venture-backed companies went public, including Uber, Pinterest, Beyond Meat, and a direct listing of Slack. The **second half of the year looks to be similarly busy** as businesses including WeWork and Peloton have signaled intentions to go public.

#### Purchase Multiples and Leverage Remain Elevated



#### Sources: S&P LCD, ACG Research

### **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 37th consecutive quarter of positive appreciation in 2Q-19. This is 15 quarters longer than the second longest winning streak since the benchmark's inception in 1978. In 1Q-19, NCREIF annualized income returns (a proxy for cap rates) were flat at 4.4%. As interest rates continued to tighten in the first quarter, the spread between NCREIF income returns and the 10-year US Treasury yield widened by 27 bps to end the quarter at 203 bps, approximately 75 bps tighter than the median spread since 2000.

Industrial assets continue to be the strongest performing asset class, while retail properties are struggling due to shifting consumer preferences for online shopping. 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. 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) fell -1.2% in 2Q-19, underperforming the BloomBar US Aggregate Bond Index by 4.3%, the S&P 500 by 5.5%, and the MSCI ACWI by 4.8%. 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.

### **Global Traditional Bond Markets**

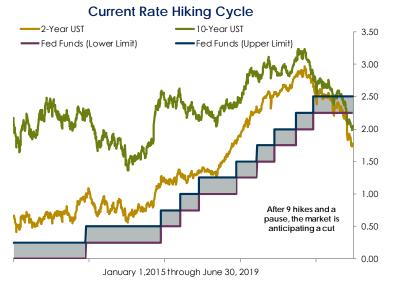
Building anticipation around monetary policy easing supported lower-quality credit, and prolonged the rally in risk-free rates throughout 2Q-19. While not yet taking action on short-term interest rates, the **Federal Reserve's** stated intent to "act as appropriate to sustain the expansion" supports the market view that insurance cut(s) are coming. The futures market is pricing in a remarkable 100% probability of a rate cut in July and at least three cuts over the next 12-months. **US Treasury yields broke below 2%**, and the yield curve steepened.

Given its high sensitivity to domestic interest rates, the **BloomBar US Aggregate** continued to rally. Total returns for the quarter were impressive at 3.1%, with modest spread tightening in IG corporate credit also aiding results. The benchmark's yield-to-worst contracted by nearly 45 bps during the period, settling back below 2.5% for the first time since mid-2017.

Despite a brief interruption in investor risk appetite in May, the **High Yield** bond category maintained its strong performance in 2Q-19. Spreads tightened by ~15 bps at the index level, but the focus on liquidity led to the ongoing underperformance of CCC-rated issues.

Municipal Bonds performed well, despite lagging taxable counterparts as US Treasury rates moved rapidly lower. Robust demand for income caused the tax-exempt yield curve to flatten modestly, but 10-year yield ratios of ~81% have improved from historically rich levels.

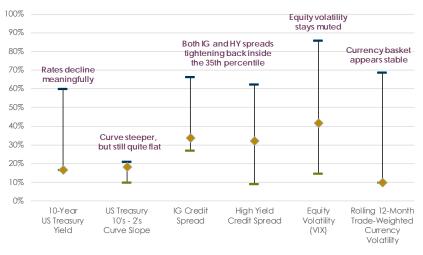
**Unhedged Global** government bonds outperformed with the combined benefit of lower-trending yields and a slightly weaker US Dollar. **Emerging Markets** were especially strong.



Sources: Bloomberg, ACG Research

## **Global Nontraditional Fixed Income**

## Percentile Rankings of Observations for Past 15-Years



- Trailing 12-Month Minimum - Trailing 12-Month Maximum • June 30, 2019

Sources: Bloomberg, ACG Research

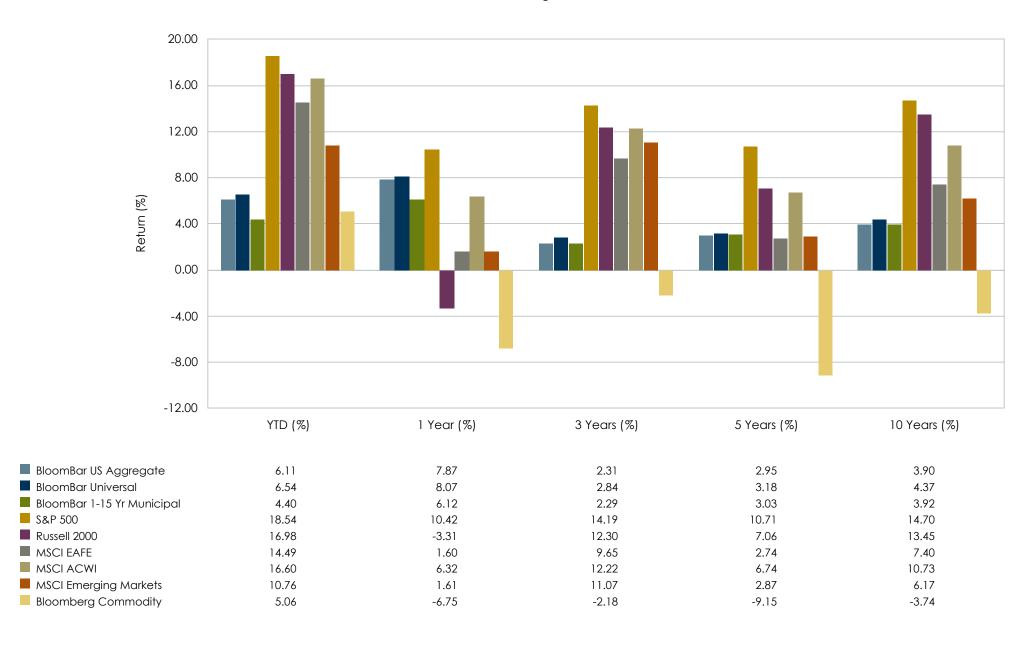
Liquid Absolute Return strategies produced respectable results in 2Q-19, with the willingness to tactically assume modest portfolio duration alongside diversified credit exposures defining outperformers. That said, the strong rally in US Treasuries prevented the category from keeping pace with traditional bond benchmarks. We continue to believe the diversification of risk factors within portfolios remains valuable, as this aids in downside protection and reduces key correlations. Achieving full-cycle alpha objectives remains a challenge, but enhanced volatility in rates, spreads, and currency should provide opportunities to outperform risk-free cash.

After trailing in the swift 1Q-19 rebound rally, **Long/Short Credit** strategies produced attractive relative results in April and May. Managers largely kept up with US high yield in April and provided meaningful downside protection in May. While most believe we are late in the market cycle, there is divergence in managers' willingness to get defensive in their portfolios. Many have positioned their books with a measure of caution, though some have gone further in expressing decidedly negative views. Broadly, we expect investors will see the most value-add from idiosyncratic relative value situations rather than big beta plays at this point.

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. 2Q-19 saw continued demand for new issue levered loans as spreads tightened and volume increased in response to improved equity market conditions. Deal terms and pricing will need to be closely monitored going forward. 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.

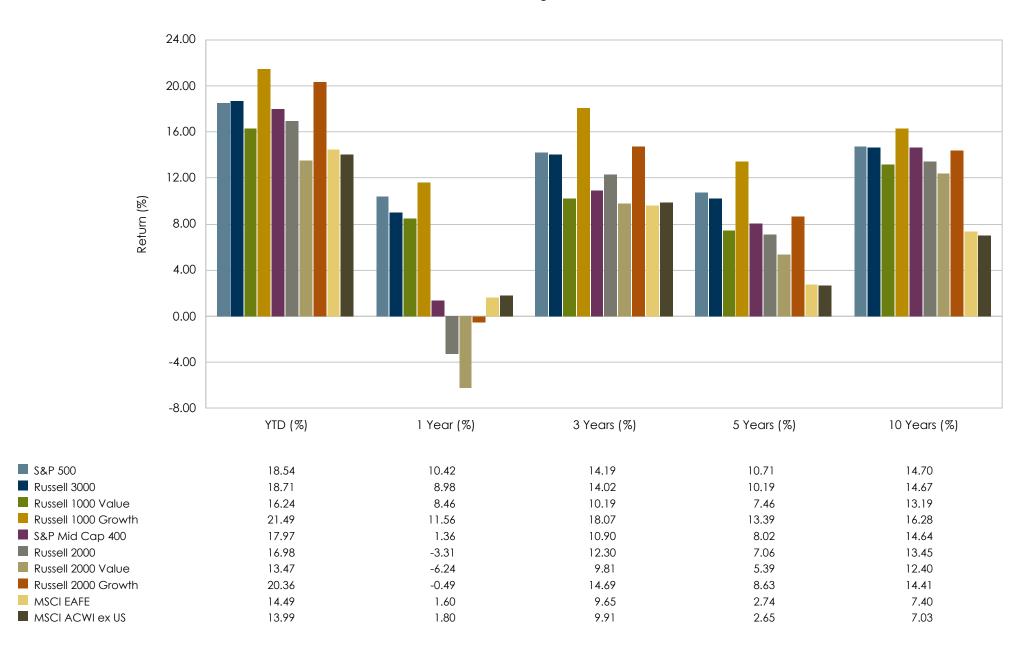
## **Market Environment**

For the Periods Ending June 30, 2019



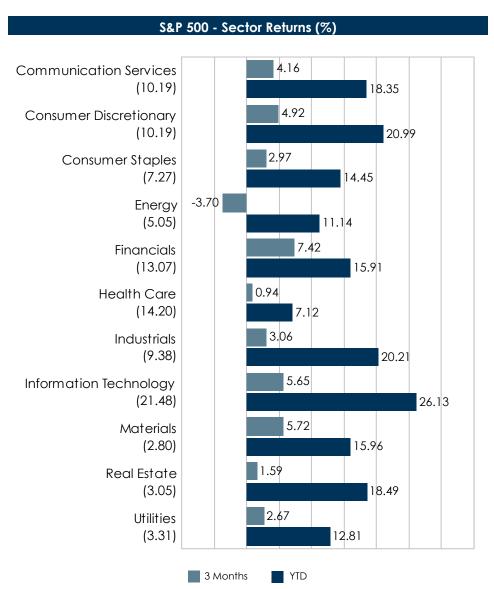
## **Equity Index Returns**

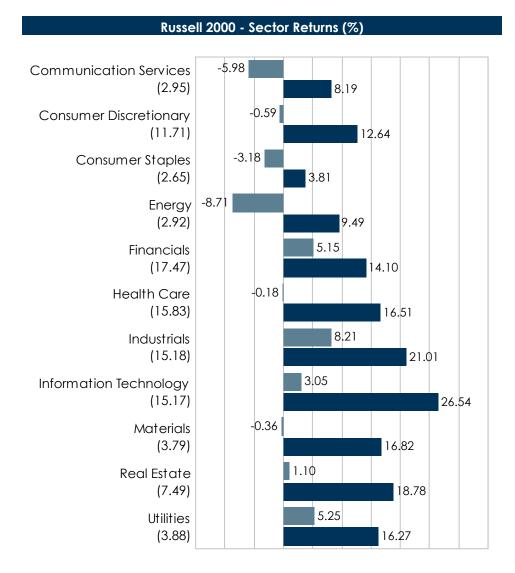
For the Periods Ending June 30, 2019



### US Markets - Performance Breakdown

For the Periods Ending June 30, 2019



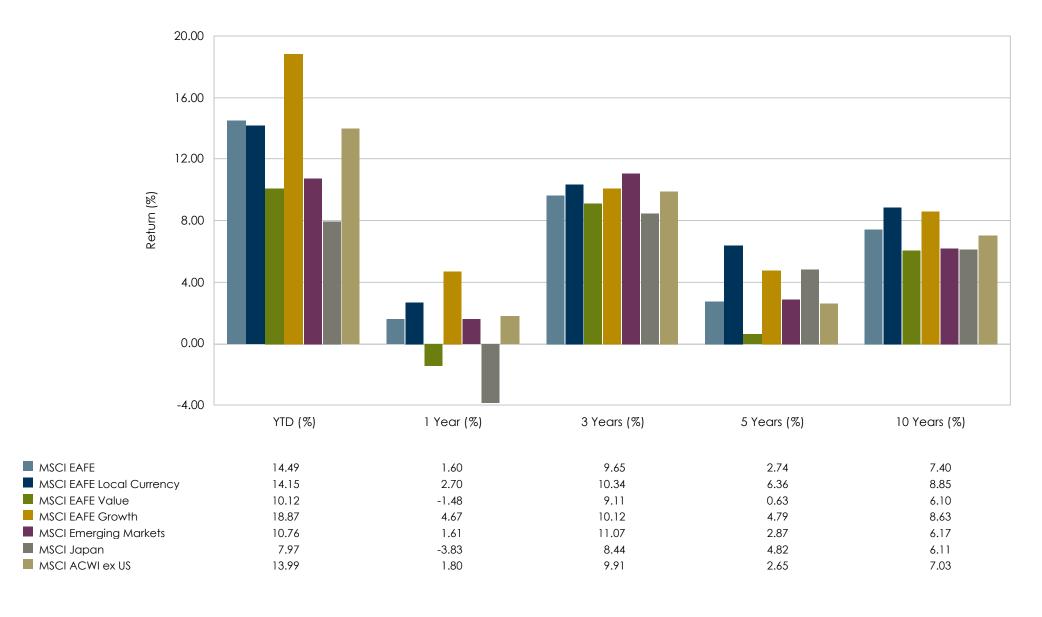


Numbers in parenthesis represent sector weightings of the index. Sector weights may not add to 100% due to rounding or securities that are not assigned to a Global Industry Classification Standard (GICS) sector.

Source: ACG Research, Bloomberg

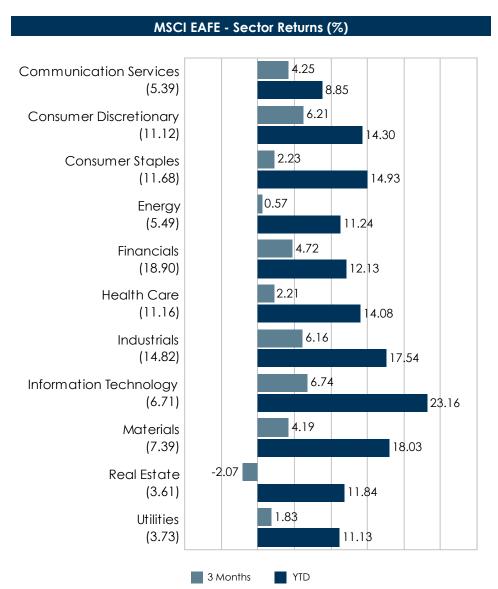
## **Non-US Equity Index Returns**

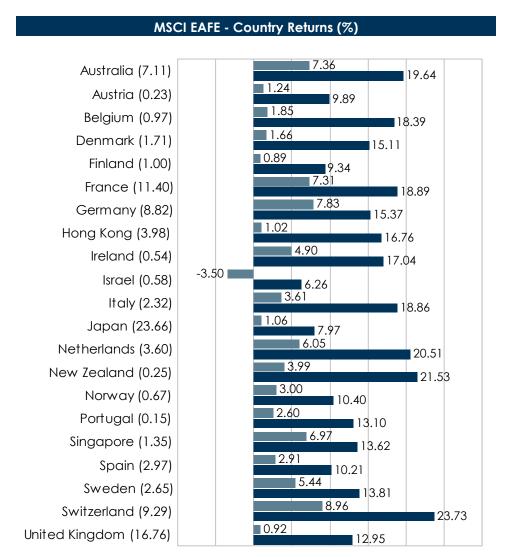
For the Periods Ending June 30, 2019



## Non-US Equity - Performance Breakdown

For the Periods Ending June 30, 2019





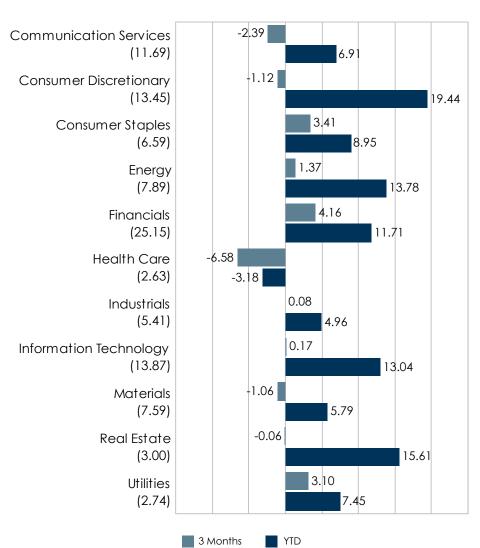
Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

Source: ACG Research, Bloomberg

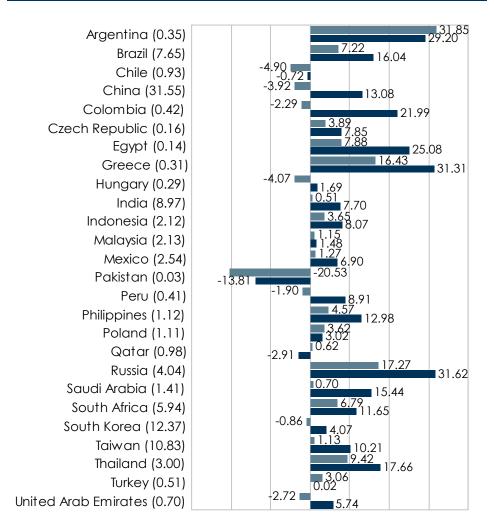
## **Emerging Markets - Performance Breakdown**

For the Periods Ending June 30, 2019





## MSCI Emerging Markets - Country Returns (%)

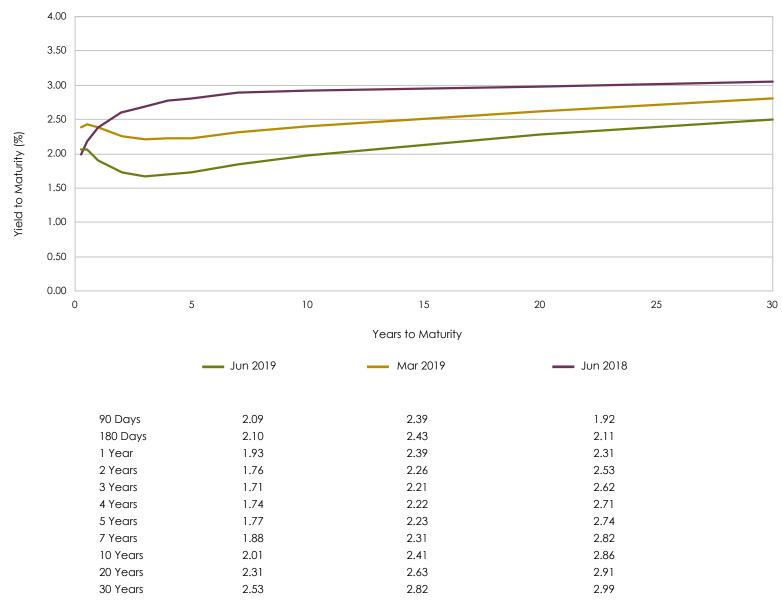


Numbers in parenthesis represent sector or country weights of the index. Sector or country weights may not add to 100% due to rounding.

Source: ACG Research, Bloomberg

## Interest Rate Term Structure

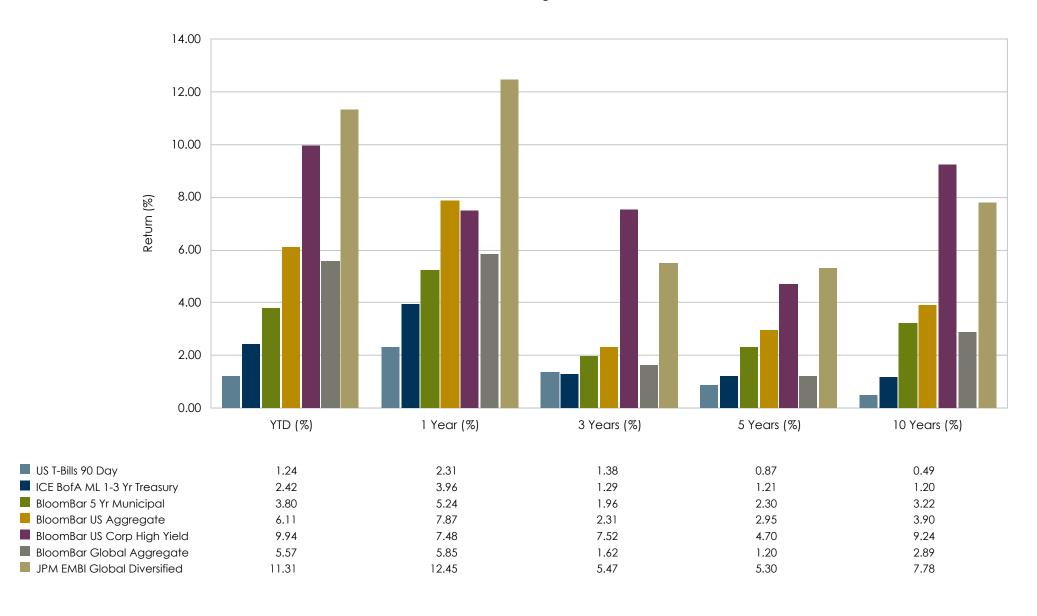
Government Issues - 3 Months to 30 Years Maturity



Source: Bloomberg

## **Fixed Income Index Returns**

For the Periods Ending June 30, 2019



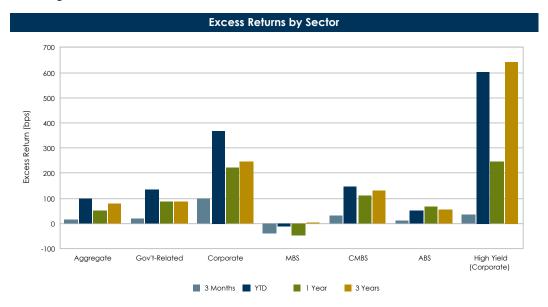
## **US Fixed Income Market Environment**

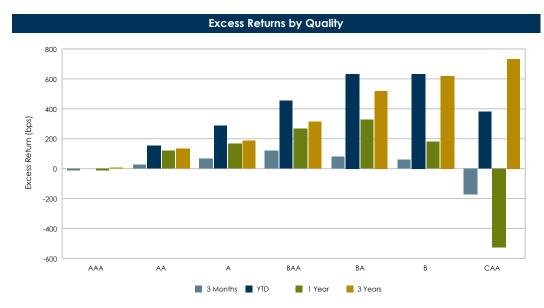
For the Periods Ending June 30, 2019

Nominal Returns By Sector (%)							
	3 Months	YTD	<u>1 Year</u>	3 Years			
US Aggregate	3.09	6.12	7.88	2.32			
US Treasury	3.00	5.18	7.23	1.33			
US Agg: Gov't-Related	2.97	6.19	7.89	2.54			
US Corporate IG	4.48	9.86	10.71	3.95			
MBS	1.96	4.17	6.21	2.07			
CMBS	3.28	6.62	8.96	2.70			
ABS	1.66	3.16	4.95	1.99			
US Corp High Yield	2.50	9.93	7.48	7.52			

Nominal Returns by Quality (%)							
	3 Months	YTD	1 Year	3 Years			
AAA	2.60	4.81	6.87	1.71			
AA	3.27	6.74	8.52	2.71			
A	4.16	8.98	10.12	3.30			
BAA	4.80	10.90	11.39	4.68			
BA	3.07	10.51	9.79	6.65			
В	2.67	10.06	7.69	7.65			
CAA	0.30	7.46	0.16	8.93			

Nominal Returns by Maturity (%)							
	<u>3 Months</u>	YTD	1 Year	3 Years			
1-3 Yr.	1.48	2.72	4.29	1.62			
3-5 Yr.	2.24	4.43	6.50	1.97			
5-7 Yr.	2.58	5.24	7.47	2.15			
7-10 Yr.	3.64	6.84	8.98	2.10			
10+ Yr.	6.59	13.46	13.94	3.73			





Source: Bloomberg

Excess returns are relative to the duration-neutral Treasury.

For the Periods Ending June 30, 2019

#### Portfolio Description

- Strategy Expanded High Quailty Fixed Income
- Manager Atlanta Capital Management Company
- Vehicle Separately Managed Account
- Benchmark Barclays Aggregate A+
- Performance Inception Date January 1998
- Fees Manager Fees 15 bps; Admin Fees 14.5 bps
- **Total Expenses** Approximately 33 bps

#### **Portfolio Information**

- Minimum initial investment \$50,000
- Minimum subsequent investments \$5,000
- Minimum redemption \$5,000
- The Portfolio is open once a month, on the first business day following the Portfolio Valuation date, to accept Member contributions or redemptions.
- The Portfolio is valued on the last business day of the month.
- The Administrator must have advance written notification of Member contributions or redemptions.

### **Portfolio Objectives and Constraints**

- Invests in Government and high quality securities while maintaining an average maturity of approximately eight and one-half years.
- Outperform the BloomBar US Aggregate A+ over a complete market cycle (usually 3 to 5 years).
- Rank above median in a relevant peer group universe.
- 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 Government.

## Dollar Growth Summary (\$000s)

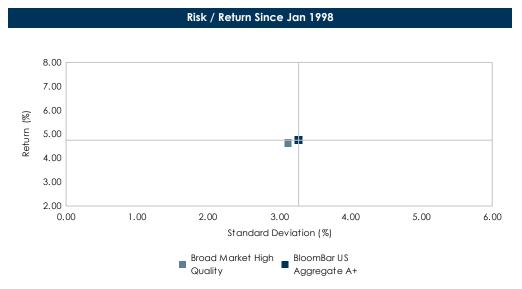
	FYTD	1 Year
Beginning Market Value	134,766	112,629
Net Additions	-10,033	12,441
Return on Investment	9,242	8,905
Income	2,855	3,413
Gain/Loss	6,387	5,492
<b>Ending Market Value</b>	133,974	133,974

For the Periods Ending June 30, 2019



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

For the Periods Ending June 30, 2019

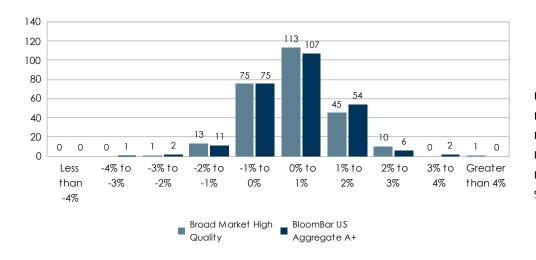


	Broad Market High Quality	BloomBar US Aggregate A+
Return (%)	4.63	4.76
Standard Deviation (%)	3.12	3.27
Sharpe Ratio	0.89	0.89

Benchmark Relative Statistics				
Beta	0.92			
R Squared (%)	93.22			
Alpha (%)	0.24			
Tracking Error (%)	0.85			
Batting Average (%)	46.51			
Up Capture (%)	93.93			
Down Capture (%)	88.60			

Portfolio Statistics Since Jan 1998

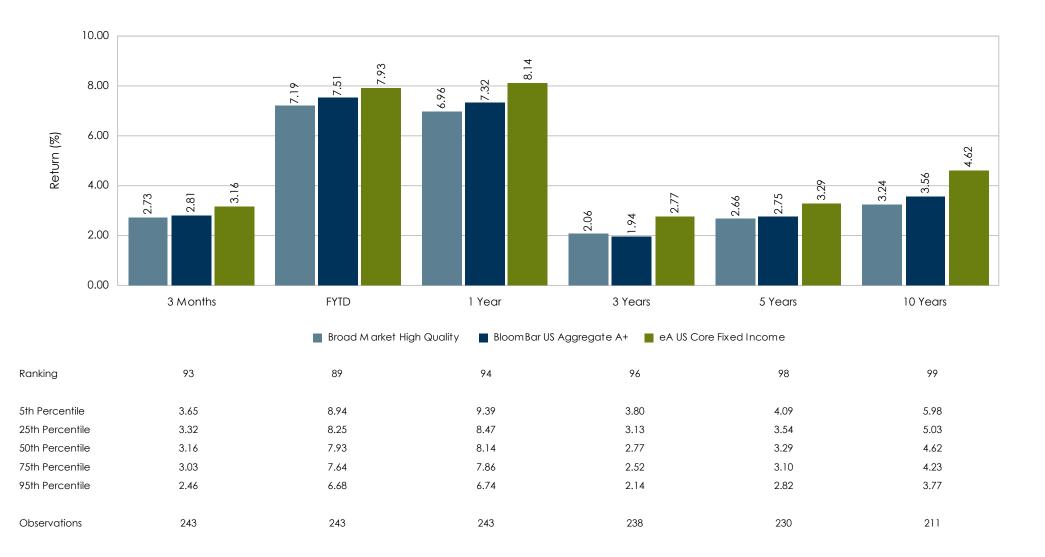
### Return Histogram Since Jan 1998



## Return Analysis Since Jan 1998

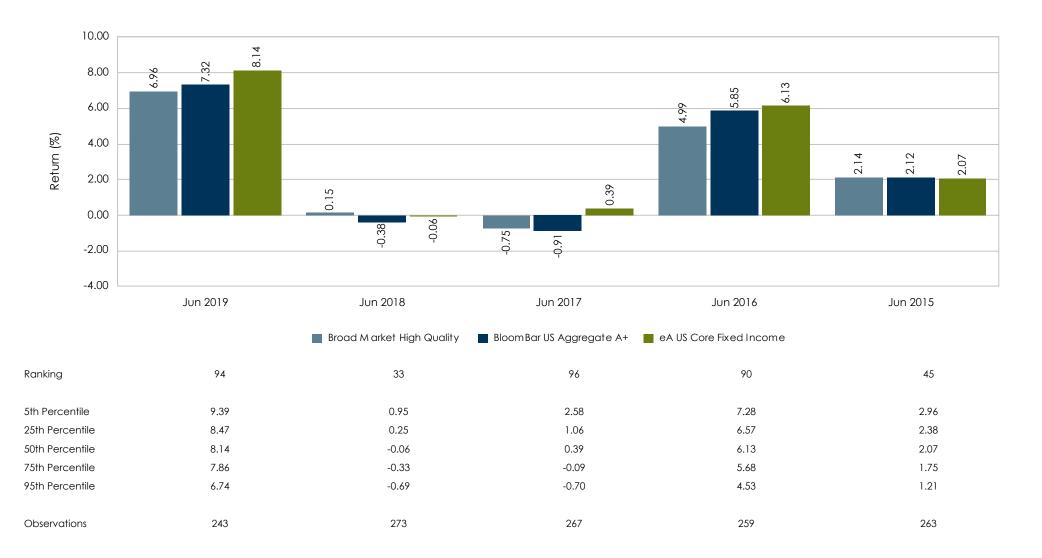
	Broad Market High Quality	BloomBar US Aggregate A+
Number of Months	258	258
Highest Monthly Return (%)	4.01	3.60
Lowest Monthly Return (%)	-2.47	-3.24
Number of Positive Months	169	169
Number of Negative Months	89	89
% of Positive Months	65.50	65.50

For the Periods Ending June 30, 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 June



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 June 30, 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%	40.48%	Yes	
Mortgage Securities including CMO's	50.00%	0.00%	30.60%	Yes	
Corporate and Yankee Debt Obligations	30.00%	0.00%	1.65%	Yes	
Asset Backed Securities	30.00%	0.00%	25.60%	Yes	
Reverse Repurchase Agreements and/or other forms of financial leverage *	30.00%	0.00%	0.00%	Yes	
Other (Cash)	25.00%	0.00%	1.67%	Yes	
Portfolio Duration/Quality	Policy Exp	pectations	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.	3.79	to 7.00	5.19	Yes	
<b>Credit quality</b> Portfolio should Maintain a minimum bond fund rating of AA (Fitch).	,	AAf		Yes	
Individual 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.			1.65%	Yes	Largest Position Notec
A maximum of 5% of the portfolio, at market, may be invested in individual trusts of ABS and Non-Agency CMOs.			2.47%	Yes	Largest Position Noted
Final stated maturity of 31.0 years or less for all securities.				Yes	

<sup>\*</sup>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 June 30, 2019

#### **Portfolio Description**

- Strategy Core Plus Fixed Income
- Manager Franklin Resources, Inc & Amundi Pioneer Institutional Investment
- Vehicle Non-Mutual Commingled
- Benchmark Barclays Multiverse
- Performance Inception Date April 2014
- Fees Manager Fee 69 bps; Admin Fee 14.5 bps
- **Total Expenses** Approximately 87 bps

#### **Portfolio Information**

- Minimum initial investment \$50,000
- Minimum subsequent investments \$5,000
- Minimum redemption \$5,000
- The Portfolio is open once a month, on the first business day following a
   Portfolio Valuation date, to accept Member contributions or redemptions.
- The Portfolio is valued on the last business day of the month.
- The Administrator must have advance written notification of Member contributions or redemptions.

### **Portfolio Objectives and Constraints**

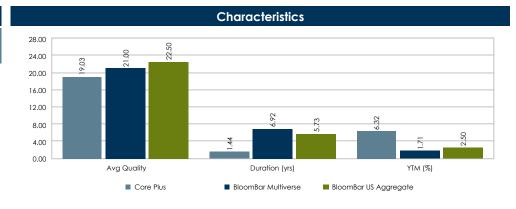
- Invests in a broad spectrum of fixed and floating rate debt securities that are diversified by credit quality, geography and duration.
- Outperform the BloomBar Multiverse over a complete market cycle (usually 3 to 5 years).
- Rank above median in a relevant peer group universe.
- The Portfolio is 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.

## Dollar Growth Summary (\$000s)

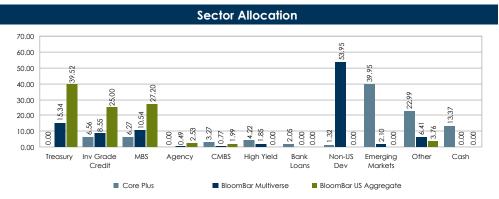
	FYTD	1 Year
Beginning Market Value	142,065	162,666
Net Additions	-22,075	-44,045
Return on Investment	8,101	9,470
Ending Market Value	128,091	128,091

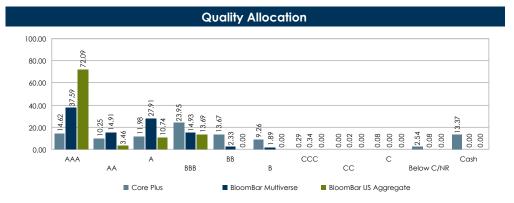
For the Periods Ending June 30, 2019

Manager Allocation					
Market Allocatio Name Value (\$000s) (%)					
Total Core Plus	128,091	100.00			
Amundi Pioneer MSFI Fund	64,885	50.66			
Franklin Templeton GMSP Fund	63,206	49.34			



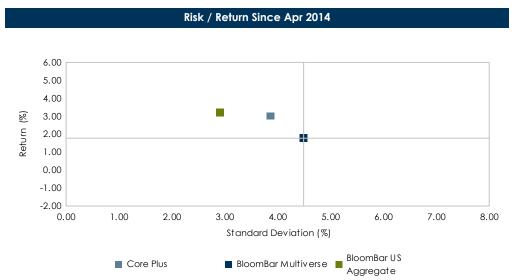
Dollar Growth Summary (\$000s)				
	FYTD	1 Year		
Beginning Market Value	142,065	162,666		
Net Additions	-22,075	-44,045		
Return on Investment	8,101	9,470		
Ending Market Value	128,091	128,091		





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

For the Periods Ending June 30, 2019

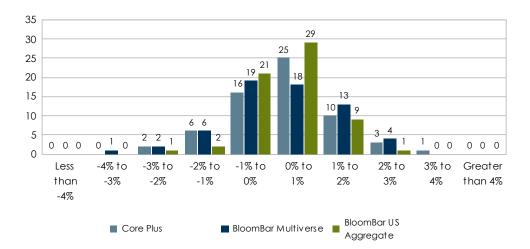


## Portfolio Statistics Since Apr 2014

		BloomBar	BloomBar US
	Core Plus	Multiverse	Aggregate
Return (%)	3.03	1.77	3.20
Standard Deviation (%)	3.87	4.48	2.90
Sharpe Ratio	0.58	0.22	0.84

Benchmark Relative Statistics				
Beta	0.23	0.15		
R Squared (%)	7.05	1.21		
Alpha (%)	2.67	2.62		
Tracking Error (%)	5.08	4.57		
Batting Average (%)	50.79	46.03		
Up Capture (%)	36.88	46.25		
Down Capture (%)	-6.82	-13.70		

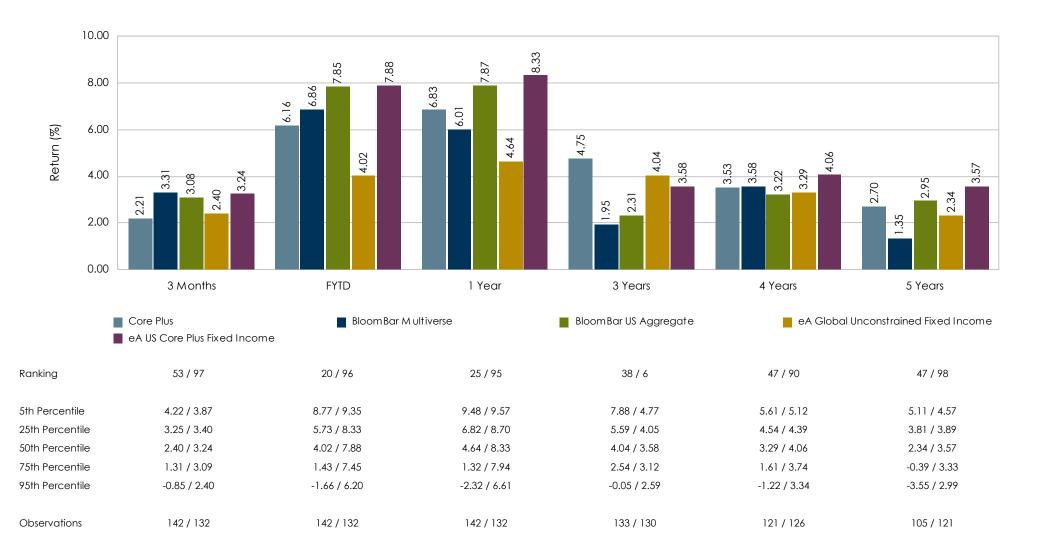
### Return Histogram Since Apr 2014



### Return Analysis Since Apr 2014

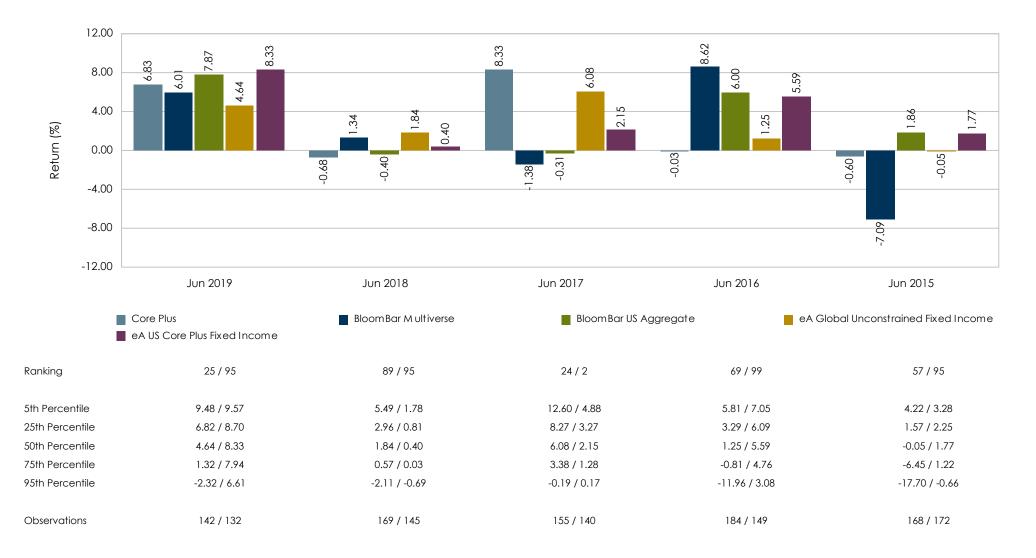
	Core Plus	BloomBar Multiverse	BloomBar US Aggregate
Number of Months	63	63	63
Highest Monthly Return (%)	3.12	2.89	2.10
Lowest Monthly Return (%)	-2.31	-3.88	-2.37
Number of Positive Months	39	35	39
Number of Negative Months	24	28	24
% of Positive Months	61.90	55.56	61.90

For the Periods Ending June 30, 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 June



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 June 30, 2019

Manager Allocations	Target %	Range%	Actual Portfolio	Within Guidelines?	Comments
Franklin Templeton Global Multisector Plus Fixed Income Fund	50.00%	45% - 55%	49.34%	Yes	
Amundi Pioneer Multisector Fixed Income Fund	50.00%	45% - 55%	50.66%	Yes	

### **Amundi Pioneer MSFI Fund**

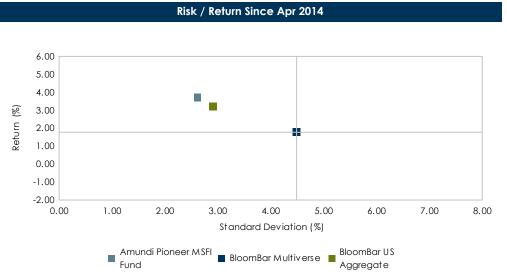


Characteristic and allocation charts represents the composite data of the Amundi Pioneer\Multi-Sector Fixed Income.

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

## **Amundi Pioneer MSFI Fund**

For the Periods Ending June 30, 2019

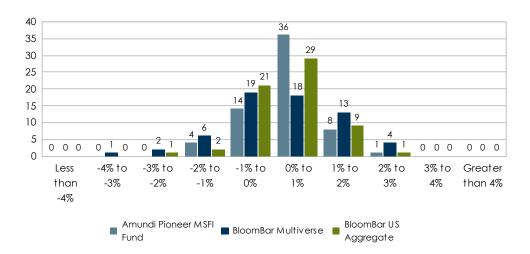


#### Amundi Pioneer **BloomBar US** BloomBar **MSFI Fund Multiverse** Aggregate Return (%) 3.73 1.77 3.20 2.90 Standard Deviation (%) 2.61 4.48 **Sharpe Ratio** 1.13 0.22 0.84

Portfolio Statistics Since Apr 2014

Benchmark Relative Statistics			
Beta	0.40	0.58	
R Squared (%)	46.05	41.72	
Alpha (%)	3.01	1.86	
Tracking Error (%)	3.32	2.34	
Batting Average (%)	58.73	53.97	
Up Capture (%)	56.93	84.23	
Down Capture (%)	7.65	45.22	

#### Return Histogram Since Apr 2014

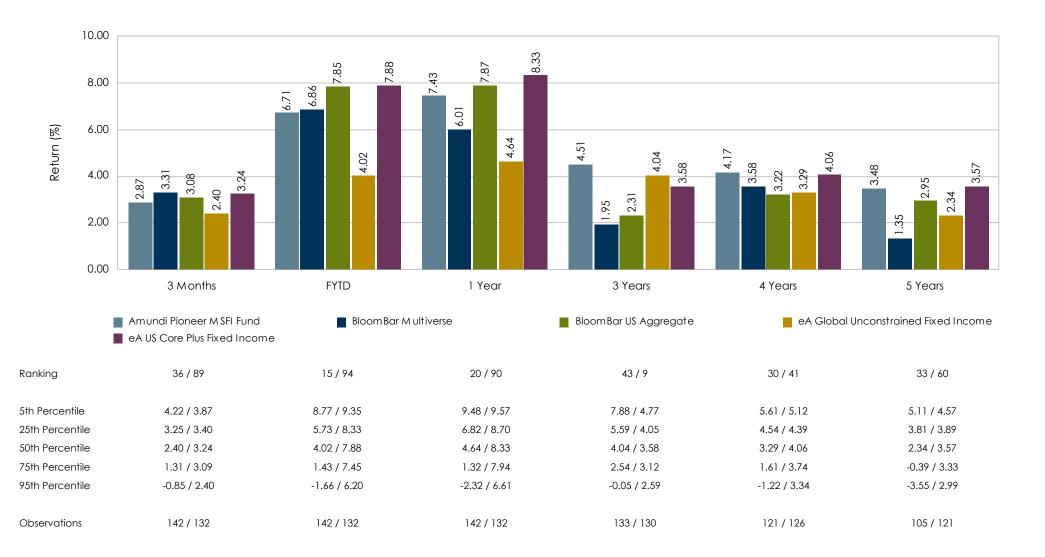


#### **Return Analysis Since Apr 2014**

	Amundi Pioneer MSFI Fund	BloomBar Multiverse	BloomBar US Aggregate
Number of Months	63	63	63
Highest Monthly Return (%)	2.17	2.89	2.10
Lowest Monthly Return (%)	-1.62	-3.88	-2.37
Number of Positive Months	45	35	39
Number of Negative Months	18	28	24
% of Positive Months	71.43	55.56	61.90

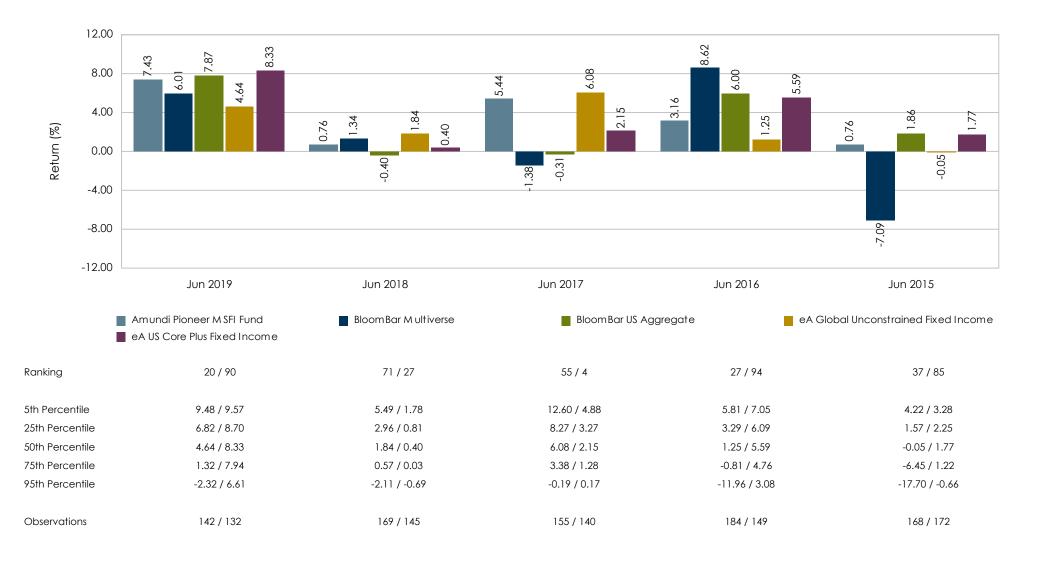
#### **Amundi Pioneer MSFI Fund**

For the Periods Ending June 30, 2019



## **Amundi Pioneer MSFI Fund**

For the One Year Periods Ending June



For the Periods Ending June 30, 2019



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

■ BloomBar U S Aggregate

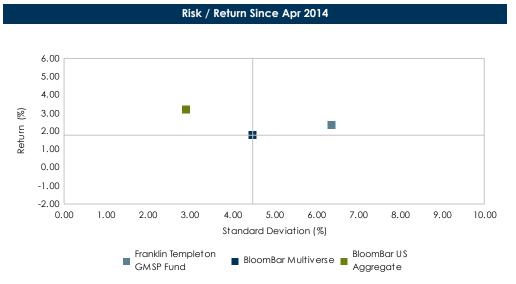
Franklin Templeton GM SP Fund BloomBar Multiverse

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

■ BloomBar U S Aggregate

Franklin Templet on GM SP Fund BloomBar Multiverse

For the Periods Ending June 30, 2019

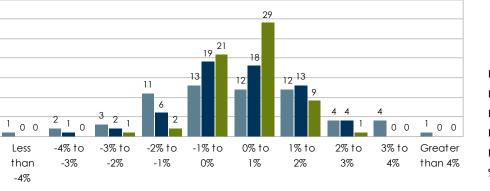


	Franklin Templeton GMSP Fund	BloomBar Multiverse	BloomBar US Aggregate
Return (%)	2.31	1.77	3.20
Standard Deviation (%)	6.37	4.48	2.90
Sharpe Ratio	0.24	0.22	0.84

Portfolio Statistics Since Apr 2014

Benchmark Relative Statistics			
Beta	0.05	-0.31	
R Squared (%)	0.14	1.97	
Alpha (%)	2.41	3.52	
Tracking Error (%)	7.65	7.36	
Batting Average (%)	50.79	49.21	
Up Capture (%)	16.48	7.88	
Down Capture (%)	-22.46	-78.47	

#### Return Histogram Since Apr 2014



■ BloomBar Multiverse

BloomBar US

Aggregate

#### Return Analysis Since Apr 2014

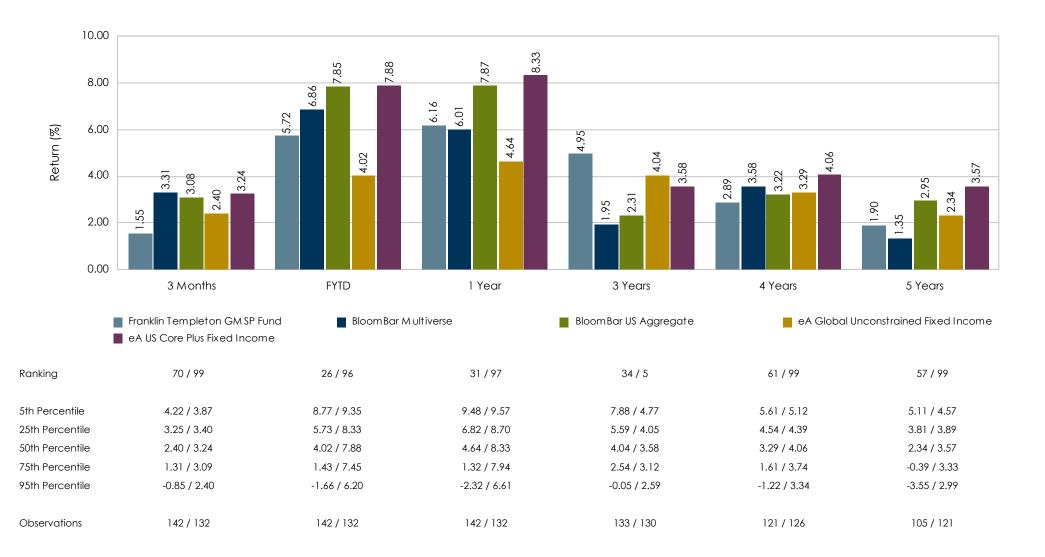
	Franklin Templeton GMSP Fund	BloomBar Multiverse	BloomBar US Aggregate
Number of Months	63	63	63
Highest Monthly Return (%)	4.06	2.89	2.10
Lowest Monthly Return (%)	-4.49	-3.88	-2.37
Number of Positive Months	33	35	39
Number of Negative Months	30	28	24
% of Positive Months	52.38	55.56	61.90

Franklin Templeton

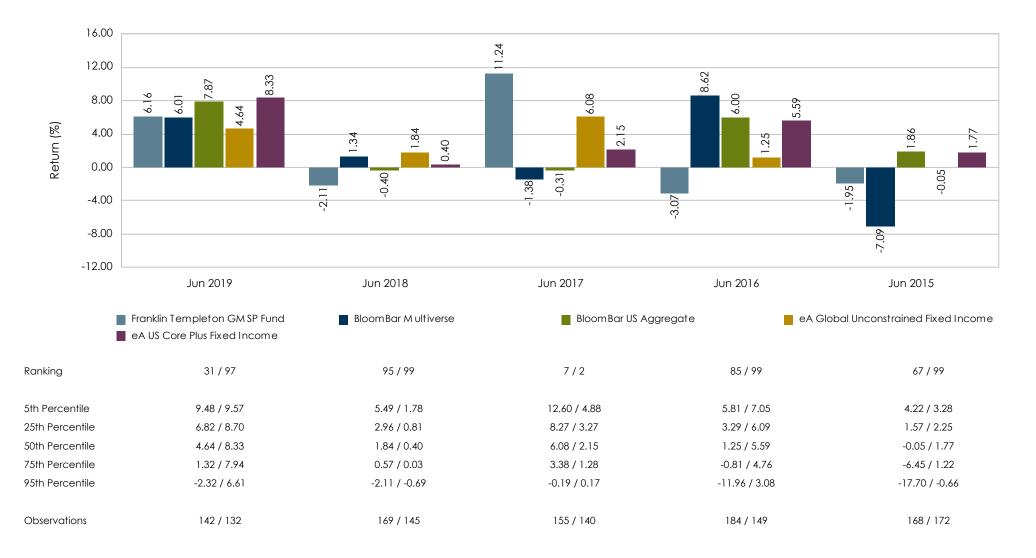
GMSP Fund

35

For the Periods Ending June 30, 2019



For the One Year Periods Ending June



For the Periods Ending June 30, 2019

## Portfolio Description

- Strategy Large Cap US Equity
- Manager Janus/INTECH, Hotchkis & Wiley, & Atlanta Capital
- Vehicle Non-Mutual Commingled
- Benchmark Russell 1000
- Performance Inception Date October 2017
- Fees Manager Fee 49 bps; Admin Fee 14.5 bps
- **Total Expenses** Approximately 65 bps

#### **Portfolio Information**

- Minimum initial investment \$50,000
- Minimum subsequent investments \$5,000
- Minimum redemption \$5,000
- The Portfolio is open once a month, on the first business day following the Portfolio Valuation date, to accept Member contributions or redemptions.
- The Portfolio is valued on the last business day of the month.
- The Administrator must have advance written notification of Member contributions or redemptions.

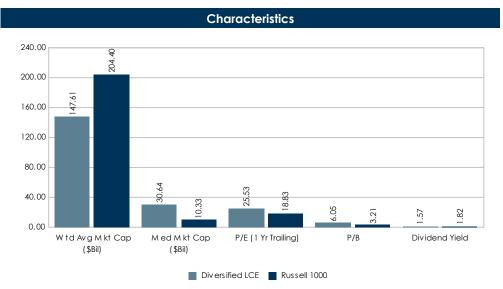
#### **Portfolio Objectives and Constraints**

- Invests in large cap US stocks that are diversified by industry and sector.
- Outperform the Russell 1000 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.

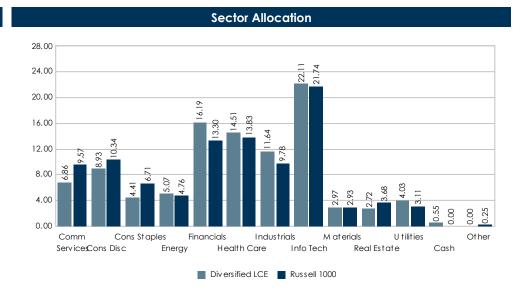
## Dollar Growth Summary (\$000s)

	FYTD	1 Year
Beginning Market Value	276,269	260,176
Net Additions	-5,236	-6,564
Return on Investment	13,477	30,898
Ending Market Value	284,510	284,510

Manager Allocation			
Name	Market Value (\$000s)	Allocation (%)	
Total Diversified LCE	284,510	100.00	
Intech US Broad Enhanced Plus Fund	171,832	60.40	
Atlanta Capital High Quality Growth	58,627	20.61	
Hotchkis & Wiley Diversified Value	54,050	19.00	

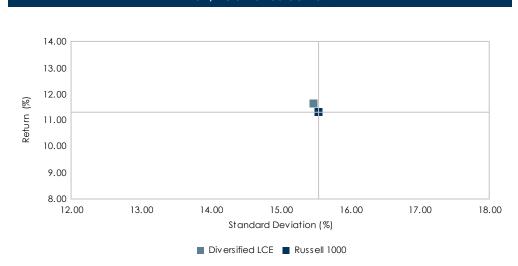


Dollar Gr	owth Summary (\$000s)	
	FYTD	1 Year
Beginning Market Value	276,269	260,176
Net Additions	-5,236	-6,564
Return on Investment	13,477	30,898
Ending Market Value	284,510	284,510



For the Periods Ending June 30, 2019

## Risk / Return Since Oct 2017

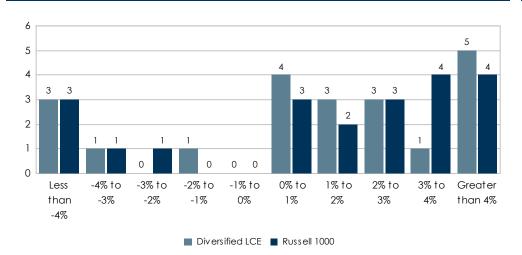


#### Portfolio Statistics Since Oct 2017

	Diversified	
	LCE	Russell 1000
Return (%)	11.65	11.30
Standard Deviation (%)	15.47	15.55
Sharpe Ratio	0.63	0.61

Benchmark Relative Statistics			
Beta	0.99		
R Squared (%)	98.36		
Alpha (%)	0.46		
Tracking Error (%)	1.99		
Batting Average (%)	52.38		
Up Capture (%)	96.11		
Down Capture (%)	93.73		

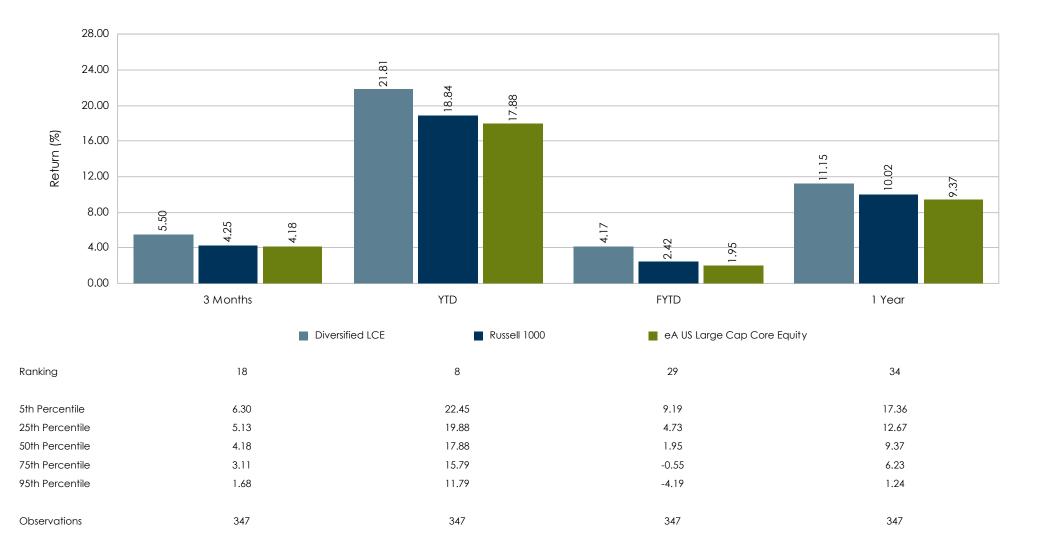
#### **Return Histogram Since Oct 2017**



#### **Return Analysis Since Oct 2017**

	Diversified	
	LCE	Russell 1000
Number of Months	21	21
Highest Monthly Return (%)	9.27	8.38
Lowest Monthly Return (%)	-9.03	-9.11
Number of Positive Months	16	16
Number of Negative Months	5	5
% of Positive Months	76.19	76.19

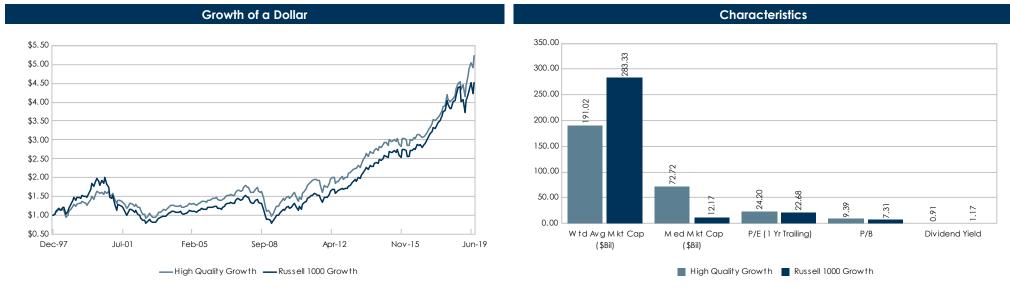
For the Periods Ending June 30, 2019

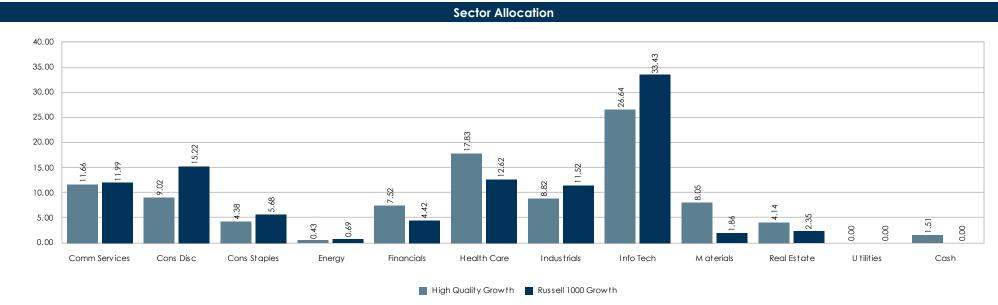


## **Investment Guidelines**

## Diversified Large Cap Equity Portfolio

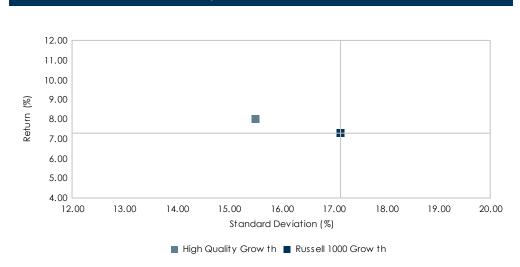
Manager Allocations	Target %	Range%	Actual Portfolio	Within Guidelines?	Comments
INTECH Broad Enhanced Russell 1000	60.0%	50% - 70%	60.40%	Yes	
Atlanta Capital High Quality Growth	20.0%	10% - 30%	20.61%	Yes	
Hotchkis & Wiley Diversified Value	20.0%	10% - 30%	19.00%	Yes	
Allocation		Max. %	Actual Portfolio	Within Guidelines?	Comments
A maximum of 10% of the portfolio, valued at market, may be invested in cash.		10.0%	0.55%	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 June 30, 2019

#### Risk / Return Since Jan 1998

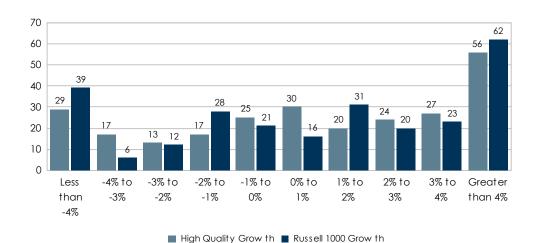


#### Portfolio Statistics Since Jan 1998

	High Quality	Russell
	Growth	1000 Growth
Return (%)	8.01	7.26
Standard Deviation (%)	15.51	17.13
Sharpe Ratio	0.40	0.32

Benchmark Relative Statistics			
Beta	0.85		
R Squared (%)	88.22		
Alpha (%)	1.71		
Tracking Error (%)	5.91		
Batting Average (%)	46.51		
Up Capture (%)	88.71		
Down Capture (%)	86.94		

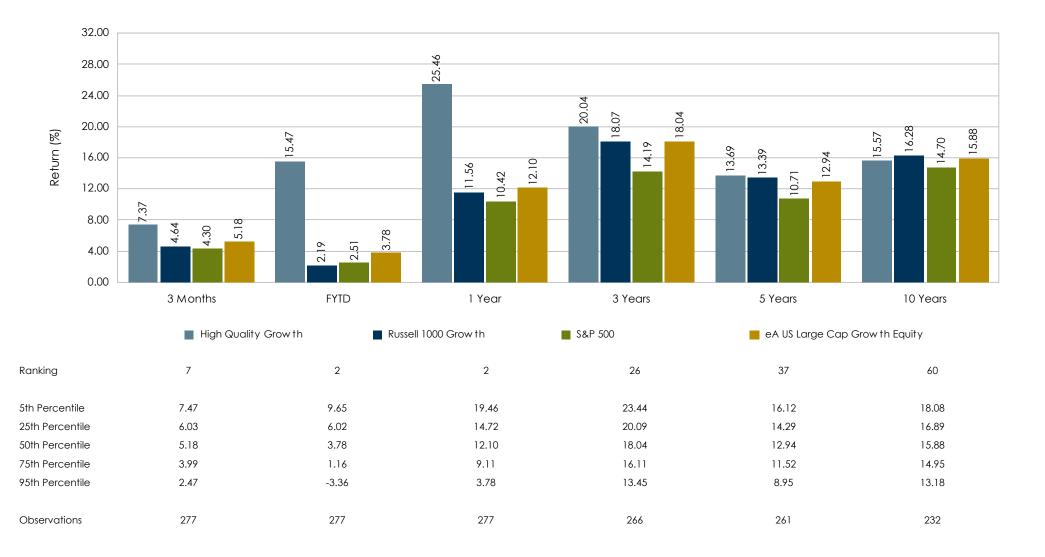
#### Return Histogram Since Jan 1998



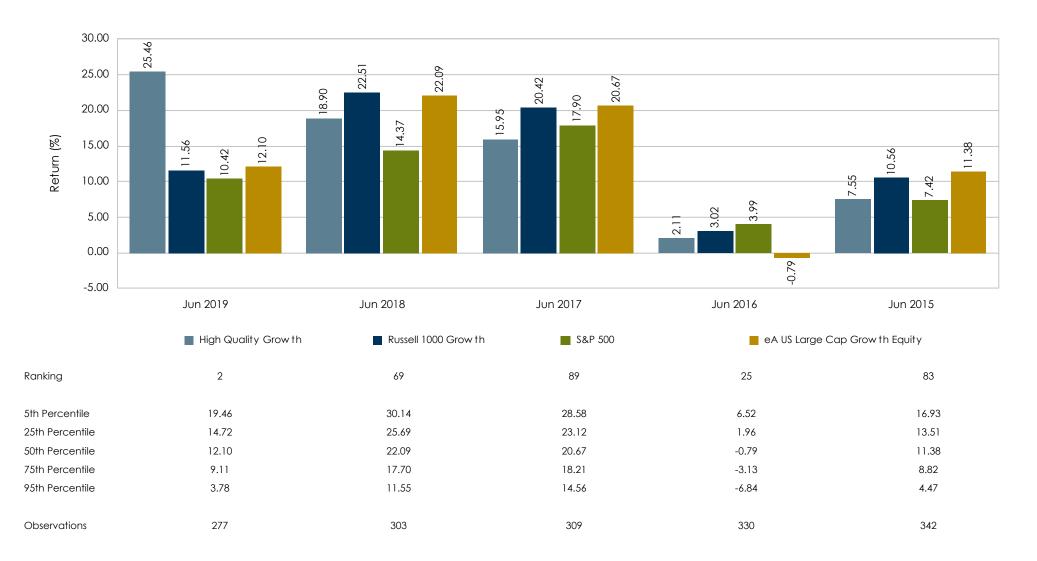
#### Return Analysis Since Jan 1998

	High Quality Growth	Russell 1000 Growth
Number of Months	258	258
Highest Monthly Return (%)	12.11	12.65
Lowest Monthly Return (%)	-17.56	-17.61
Number of Positive Months	157	152
Number of Negative Months	101	106
% of Positive Months	60.85	58.91

For the Periods Ending June 30, 2019



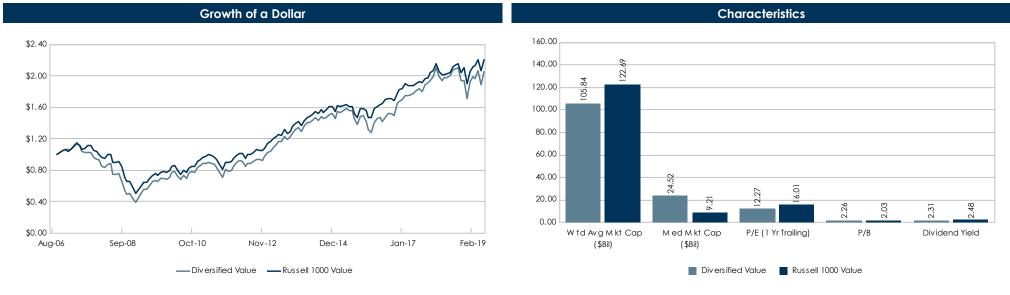
For the One Year Periods Ending June

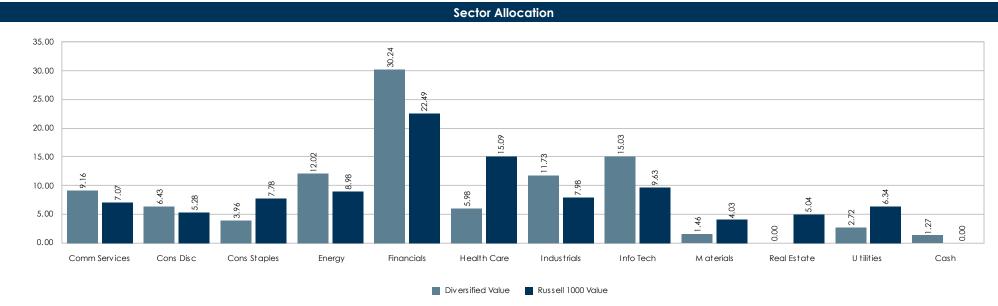


## **Investment Guidelines**

## Atlanta Capital High Quality Growth

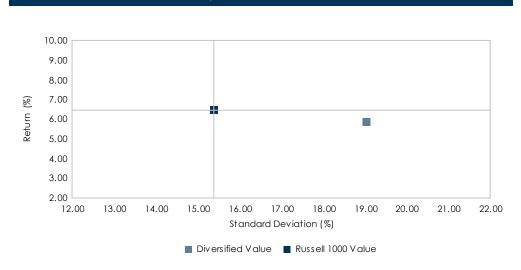
Portfolio Sector Allocations	Maximum	Actual Portfolio	Within Guidelines?	Comments
Maximum sector concentration shall be no more than 30% in any one sector as defined by the Standard & Poor's GICS.				
Communication Services	30.00%	11.66%	Yes	
Consumer Discretionary	30.00%	9.02%	Yes	
Consumer Staples	30.00%	4.38%	Yes	
Energy	30.00%	0.43%	Yes	
Financials	30.00%	7.52%	Yes	
Health Care	30.00%	17.83%	Yes	
Industrials	30.00%	8.82%	Yes	
Information Technology	30.00%	26.64%	Yes	
Materials	30.00%	8.05%	Yes	
Real Estate	30.00%	4.14%	Yes	
Utilities	30.00%	0.00%	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%	1.51%	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%	4.94%	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%	13.49%	Yes	





For the Periods Ending June 30, 2019

#### Risk / Return Since Nov 2006

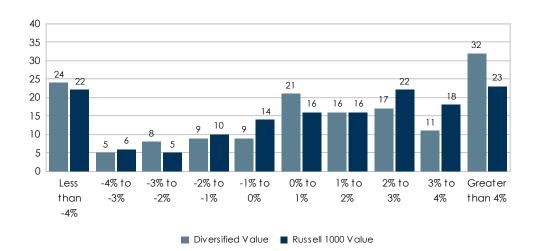


#### Portfolio Statistics Since Nov 2006

	Diversified	Russell
	Value	1000 Value
Return (%)	5.85	6.47
Standard Deviation (%)	19.02	15.39
Sharpe Ratio	0.26	0.36

# Beta 1.18 R Squared (%) 91.16 Alpha (%) -1.31 Tracking Error (%) 6.30 Batting Average (%) 53.95 Up Capture (%) 115.58 Down Capture (%) 115.49

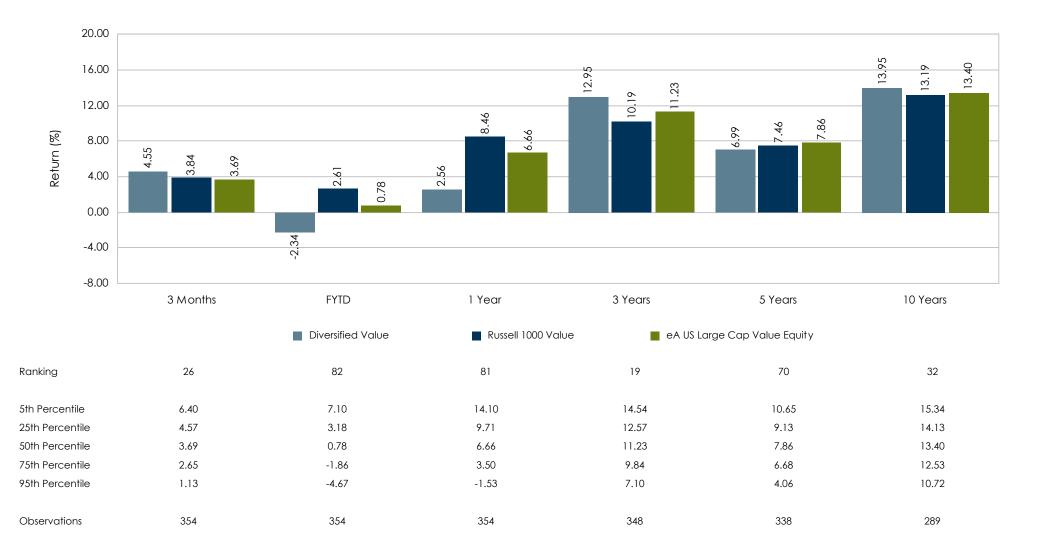
#### **Return Histogram Since Nov 2006**



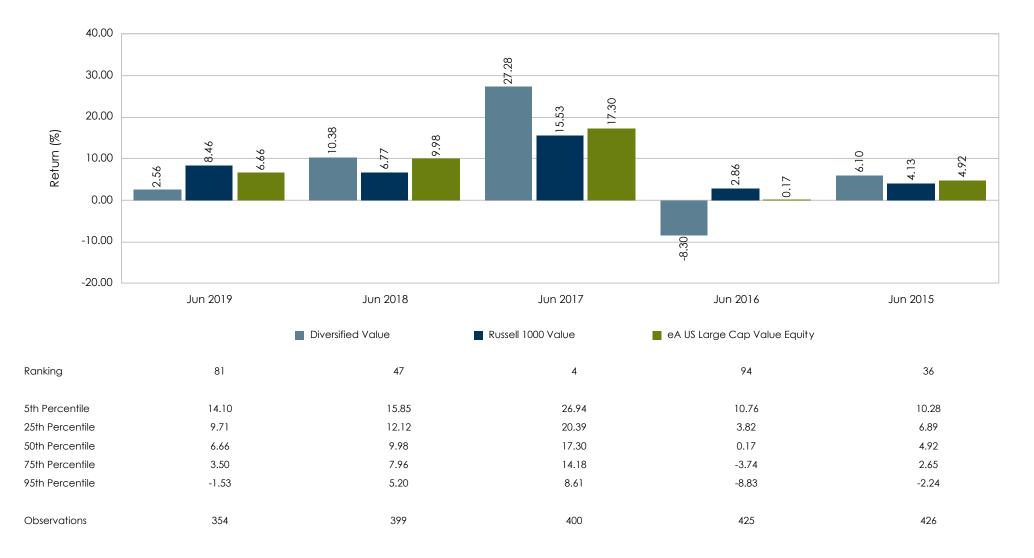
#### **Return Analysis Since Nov 2006**

	Diversified Value	Russell 1000 Value
Number of Months	152	152
Highest Monthly Return (%)	15.99	11.45
Lowest Monthly Return (%)	-16.08	-17.31
Number of Positive Months	97	95
Number of Negative Months	55	57
% of Positive Months	63.82	62.50

For the Periods Ending June 30, 2019



For the One Year Periods Ending June



## **Investment Guidelines**

## Hotchkis & Wiley Diversified Value

Portfolio Sector Allocations	Maximum	Actual Portfolio	Within Guidelines?	Comments
Maximum sector concentration shall be no more than 35% for any sector as defined by the Standard & Poor's GICS.				
Communication Services	35.00%	9.16%	Yes	
Consumer Discretionary	35.00%	6.43%	Yes	
Consumer Staples	35.00%	3.96%	Yes	
Energy	35.00%	12.02%	Yes	
Financials	35.00%	30.24%	Yes	
Health Care	35.00%	5.98%	Yes	
Industrials	35.00%	11.73%	Yes	
Information Technology	35.00%	15.03%	Yes	
Materials	35.00%	1.46%	Yes	
Real Estate	35.00%	0.00%	Yes	
Utilities	35.00%	2.72%	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%	1.27%	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 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	
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, AMEX, or NASDAQ.	20.0%	16.60%	No	

For the Periods Ending June 30, 2019

#### **Portfolio Description**

- Strategy Small to Mid (SMID) (Strategy change in 2010)
- Manager Atlanta Capital Management Company
- Vehicle Separately Managed Account
- Benchmark A blend of Russell 2500 and Russell 2000
- Performance Inception Date January 2000
- Fees Manager Fee 45 bps; Admin Fee 14.5 bps
- **Total Expenses** Approximately 63 bps

#### **Portfolio Information**

- Minimum initial investment \$50,000
- Minimum subsequent investments \$5,000
- Minimum redemption \$5,000
- The Portfolio is open once a month, on the first business day following the Portfolio Valuation date, to accept Member contributions or redemptions.
- The Portfolio is valued on the last business day of the month.
- The Administrator must have advance written notification of Member contributions or redemptions.

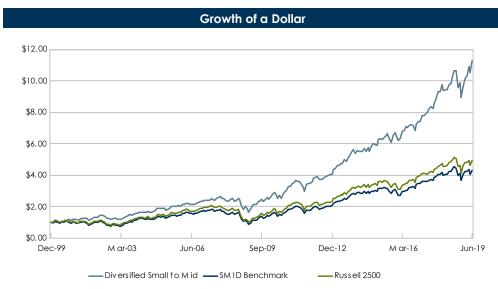
#### **Portfolio Objectives and Constraints**

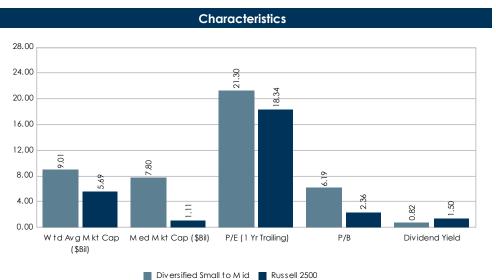
- Invests in small to mid cap core style common stocks of companies domiciled in the US or traded on the New York Stock Exchange.
- Outperform a blended index of the Russell 2500 beginning June 1, 2010 and the Russell 2000 prior to that, over a complete market cycle (usually 3 to 5 years).
- Rank above 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	128,379
Net Additions	-10,176	-10,817
Return on Investment	7,801	18,521
Income	949	1,221
Gain/Loss	6,852	17,300
Ending Market Value	136,083	136,083

For the Periods Ending June 30, 2019





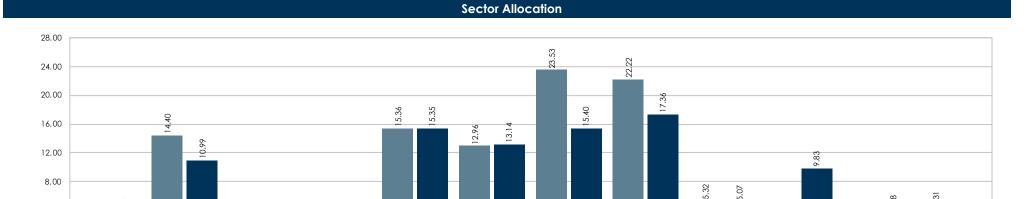
0.00

Cash

0.00

U tilities

Real Estate



Industrials

Info Tech

M at erials

Health Care

Financials

Energy

Comm Services

Cons Disc

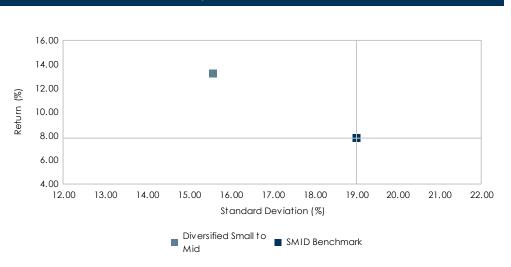
Cons Staples

4.00

0.00

For the Periods Ending June 30, 2019

#### Risk / Return Since Jan 2000

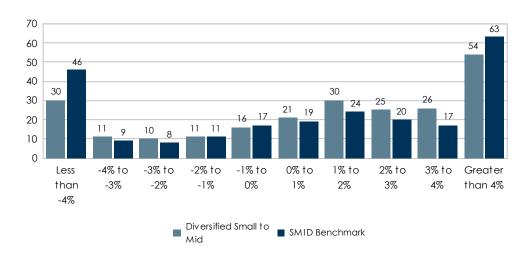


#### Portfolio Statistics Since Jan 2000

	Diversified	SMID
	Small to Mid	Benchmark
Return (%)	13.24	7.80
Standard Deviation (%)	15.57	19.02
Sharpe Ratio	0.75	0.33

Benchmark Relative Statistics			
Beta	0.75		
R Squared (%)	83.80		
Alpha (%)	6.91		
Tracking Error (%)	7.87		
Batting Average (%)	53.85		
Up Capture (%)	86.15		
Down Capture (%)	69.22		
Down Capture (%)	69.22		

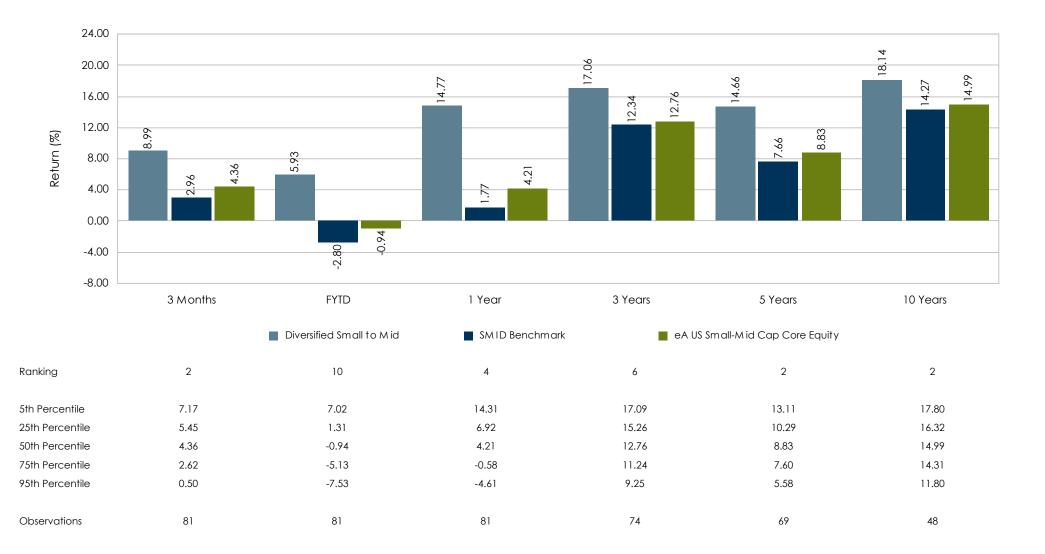
#### Return Histogram Since Jan 2000



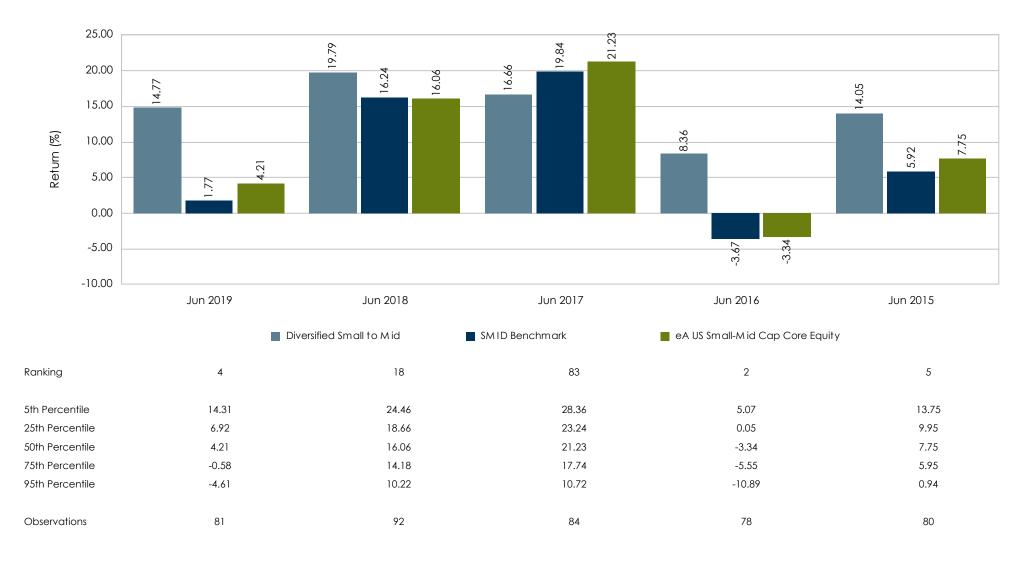
#### Return Analysis Since Jan 2000

	Diversified Small to Mid	SMID Benchmark
Number of Months	234	234
Highest Monthly Return (%)	15.00	16.51
Lowest Monthly Return (%)	-16.30	-20.80
Number of Positive Months	156	143
Number of Negative Months	78	91
% of Positive Months	66.67	61.11

For the Periods Ending June 30, 2019



For the One Year Periods Ending June



## **Investment Guidelines**

# Diversified Small to Mid (SMID) Cap Equity Portfolio

Portfolio Sector Allocations	Maximum	Actual Portfolio	Within Guidelines?	Comments
Maximum sector concentration shall be no more than 30% in any one sector				
Communication Services	30.00%	0.00%	Yes	
Consumer Discretionary	30.00%	14.40%	Yes	
Consumer Staples	30.00%	0.47%	Yes	
Energy	30.00%	0.00%	Yes	
Financials	30.00%	15.36%	Yes	
Health Care	30.00%	12.96%	Yes	
Industrials	30.00%	23.53%	Yes	
Information Technology	30.00%	22.22%	Yes	
Materials	30.00%	5.32%	Yes	
Real Estate	30.00%	1.43%	Yes	
Utilities	30.00%	0.00%	Yes	
Allocation	Max. %	Actual Portfolio	Within Guidelines?	Comments
A maximum of 10% of the portfolio, valued at market, may be invested in cash.	10.00%	4.31%	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%	5.16%	Yes	
A maximum of 5% of the portfolio may be invested in the securities of an individual corporation.	5.00%	4.68%	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).	10.00%	0.00%	Yes	
A maximum of 5% of the portfolio, valued at market, may be invested in any one convertible issuer.	5.00%	0.00%	Yes	
A maximum of 10% 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, AMEX, or NASDAQ.	10.00%	0.00%	Yes	

For the Periods Ending June 30, 2019

#### **Portfolio Description**

- Strategy International Equity
- Manager Investec Asset Management and Wells Capital Management
- Vehicle Non-Mutual Commingled
- Benchmark MSCI ACWI ex US
- Performance Inception Date June 2005 (Manager changes April 2011, October 2014 & October 2017)
- Fees Manager Fee 43 bps; Admin Fee 14.5 bps
- **Total Expenses** Approximately 62 bps

#### **Portfolio Information**

- Minimum initial investment \$50,000
- Minimum subsequent investments \$5,000
- Minimum redemption \$5,000
- The Portfolio is open once a month, on the first business day following the Portfolio Valuation date, to accept Member contributions or redemptions.
- The Portfolio is valued on the last business day of the month.
- The Administrator must have advance written notification of Member contributions or redemptions.

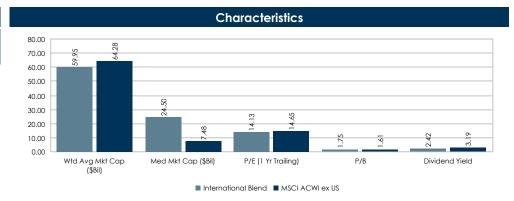
#### **Portfolio Objectives and Constraints**

- Invests in developed and emerging markets outside the US. Maintains approximately equal weightings to both growth and value securities through a systematic rebalancing process.
- Outperform the MSCI ACWI ex US 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. Investments in foreign securities generally pose greater risk than domestic securities.

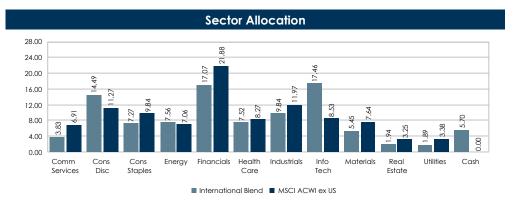
## Dollar Growth Summary (\$000s)

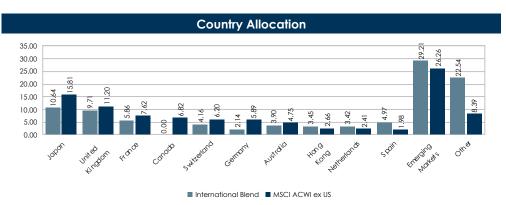
	FYTD	1 Year
Beginning Market Value	122,014	121,750
Net Additions	1,165	943
Return on Investment	3,327	3,814
Ending Market Value	126,506	126,506

Manager Allocation				
Market Allocation Name Value (\$000s) (%)				
Total International Blend	126,506	100.00		
Investec International Dynamic Fund	113,045	89.36		
Wells Capital EM Large/Mid Cap Fund	13,462	10.64		



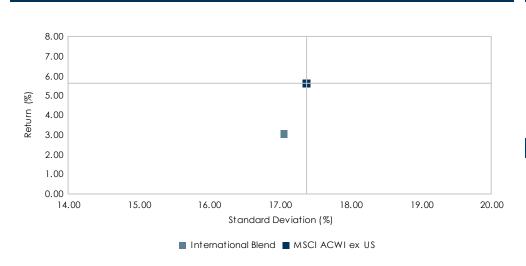
Dollar Growth Summary (\$000s)			
	FYTD	1 Year	
Beginning Market Value	122,014	121,750	
Net Additions	1,165	943	
Return on Investment	3,327	3,814	
Ending Market Value	126,506	126,506	





For the Periods Ending June 30, 2019

#### Risk / Return Since Jul 2005

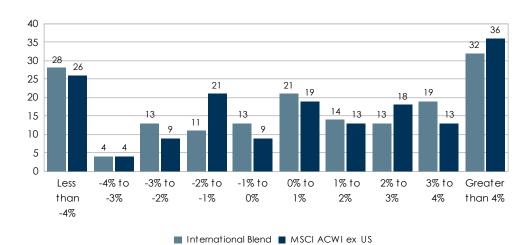


#### Portfolio Statistics Since Jul 2005

	International	MSCI
	Blend	ACWI ex US
Return (%)	3.04	5.61
Standard Deviation (%)	17.06	17.38
Sharpe Ratio	0.11	0.25

Benchmark Relative Statistics		
Beta	0.96	
R Squared (%)	95.12	
Alpha (%)	-2.20	
Tracking Error (%)	3.84	
Batting Average (%)	45.83	
Up Capture (%)	90.61	
Down Capture (%)	101.89	

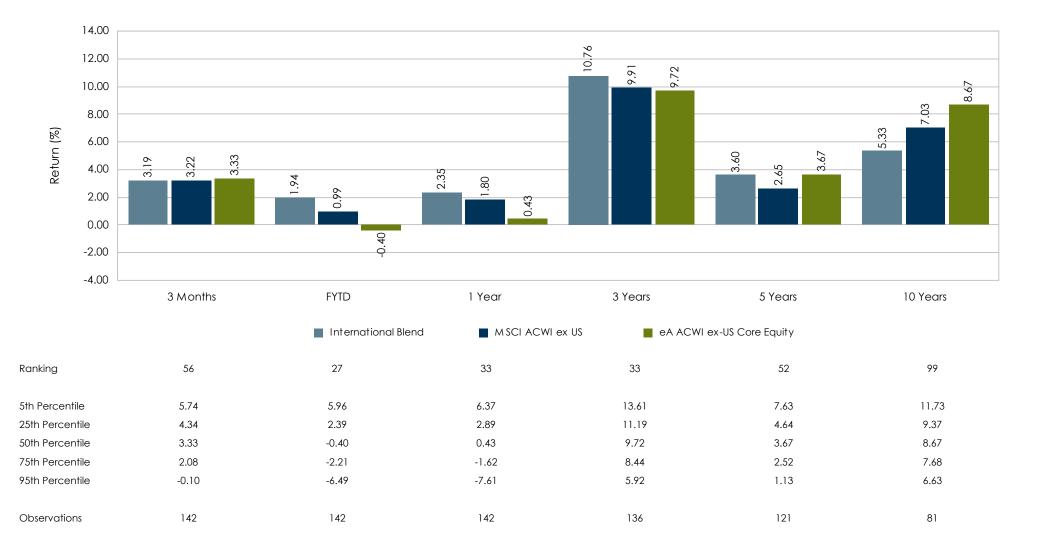
#### Return Histogram Since Jul 2005



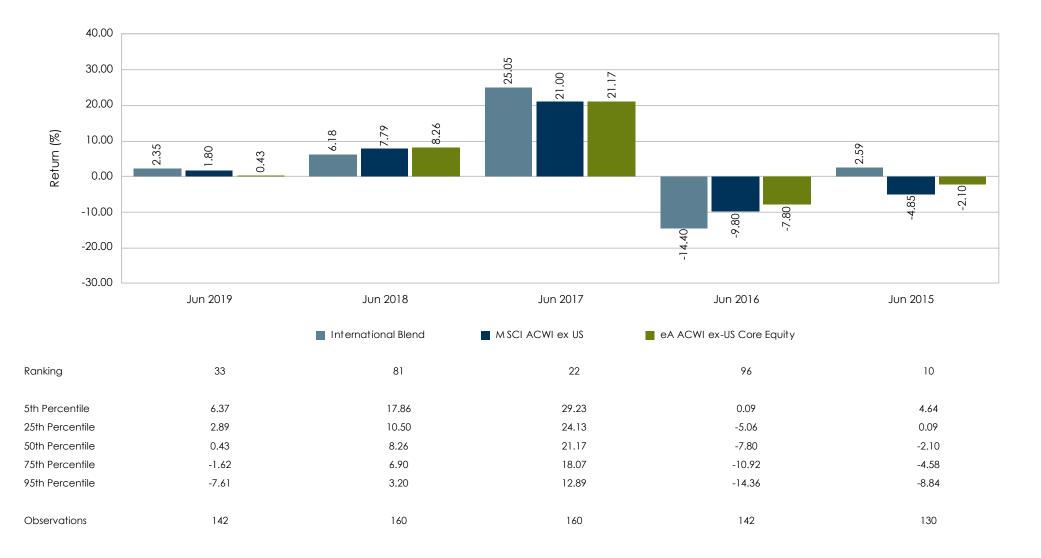
#### Return Analysis Since Jul 2005

	International Blend	MSCI ACWI ex US
Number of Months	168	168
Highest Monthly Return (%)	12.03	13.75
Lowest Monthly Return (%)	-21.48	-22.01
Number of Positive Months	99	99
Number of Negative Months	69	69
% of Positive Months	58.93	58.93

For the Periods Ending June 30, 2019



For the One Year Periods Ending June



## **Investment Guidelines**

## International Equity Portfolio

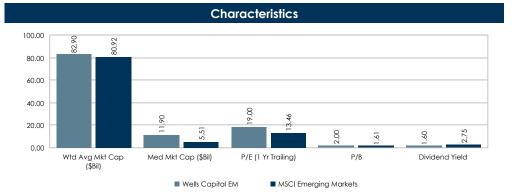
Manager Allocations	Target %	Range%	Actual Portfolio	Within Guidelines?	Comments
Investec International Dynamic Equity Fund	90.00%	80% - 100%	89.36%	Yes	
Wells Fargo Berkeley Street EM Large/Mid Cap Fund	10.00%	0% - 20%	10.64%	Yes	
Allocation		Max. %	Actual Portfolio	Within Guidelines?	Comments
A maximum of 10% of the portfolio, valued at market, may be invested in cash.		10.0%	5.70%	Yes	

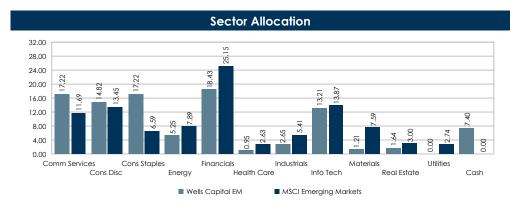
## Wells Capital EM Large/Mid Cap Fund

For the Periods Ending June 30, 2019

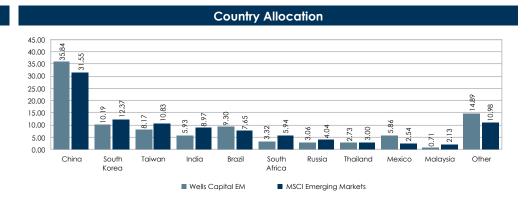
## **Account Description**

- Strategy Emerging Markets Equity
- Vehicle Non-Mutual Commingled
- Benchmark MSCI Emerging Markets
- Performance Inception Date November 2017



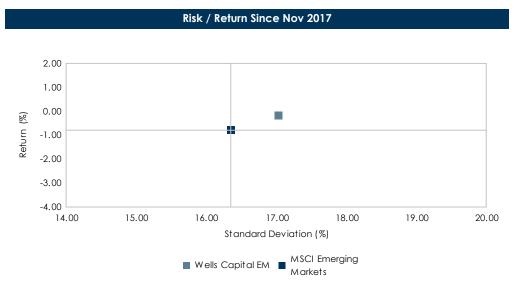


# PYTD 1 Year Beginning Market Value 14,830 15,390 Net Additions -2,175 -2,200 Return on Investment 806 271 Ending Market Value 13,462 13,462



# Wells Capital EM Large/Mid Cap Fund

For the Periods Ending June 30, 2019



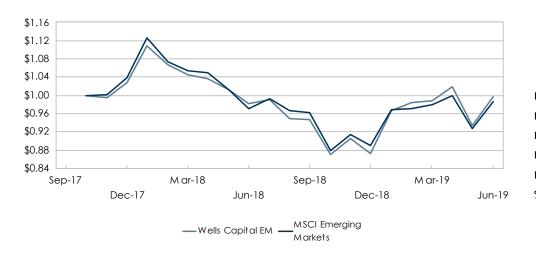
	Wells Capital EM	MSCI Emerging Markets
Return (%)	-0.19	-0.81
Standard Deviation (%)	17.03	16.34
Sharpe Ratio	-0.12	-0.17

Portfolio Statistics Since Nov 2017

	Benchmark Relative Statistics	
Beta	1.02	
R Squared (%)	96.13	
Alpha (%)	0.72	
Tracking Error (%)	3.37	
Batting Average (%)	45.00	
Up Capture (%)	103.84	
Down Capture (%)	100.24	

**Return Analysis Since Nov 2017** 

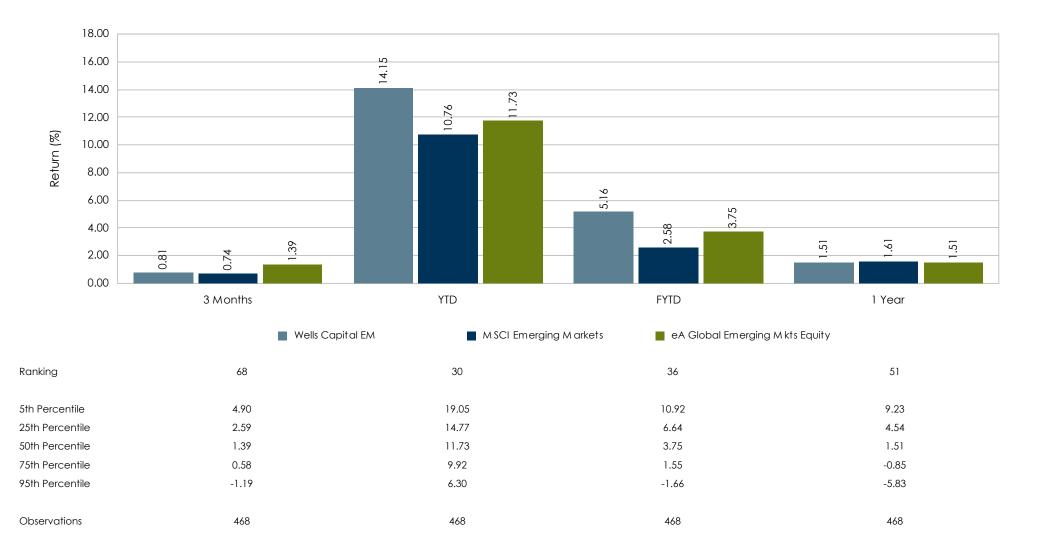




	Wells Capital EM	MSCI Emerging Markets
Number of Months	20	20
Highest Monthly Return (%)	10.67	8.76
Lowest Monthly Return (%)	-8.26	-8.70
Number of Positive Months	9	10
Number of Negative Months	11	10
% of Positive Months	45.00	50.00

# Wells Capital EM Large/Mid Cap Fund

For the Periods Ending June 30, 2019



For the Periods Ending June 30, 2019

#### **Portfolio Description**

- **Strategy** Core Real Estate
- Manager Morgan Stanley Real Estate Advisor, Inc.
- Vehicle Non-Mutual Commingled
- Benchmark NFI ODCE Net Index
- Performance Inception Date April 2018
- Fees Manager Fees 124 bps; Admin Fees 14.5 bps
- **Total Expenses** Approximately 141 bps

#### **Portfolio Information**

- Minimum initial investment \$50,000
- Minimum subsequent investments \$5,000
- Minimum redemption \$5,000 or Member's entire remaining account balance if the Member's balance falls below \$50,000
- The Portfolio is open once a quarter, on the first business day following the Portfolio Valuation date, to accept Member contributions or redemptions.
- 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**

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

## Dollar Growth Summary (\$000s)

	FYTD	1 Year
Beginning Market Value	102,418	100,454
Net Additions	-1,152	-1,416
Return on Investment	6,151	8,380
Ending Market Value	107,417	107,417

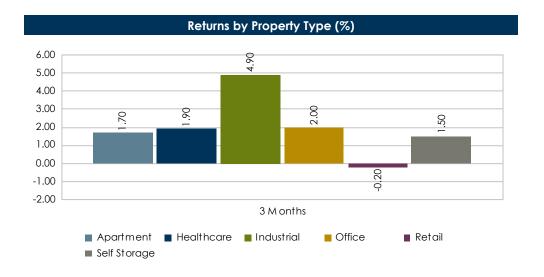
For the Periods Ending June 30, 2019

Account	I) Ascri	ntion
ACCOUNT	DCJCII	

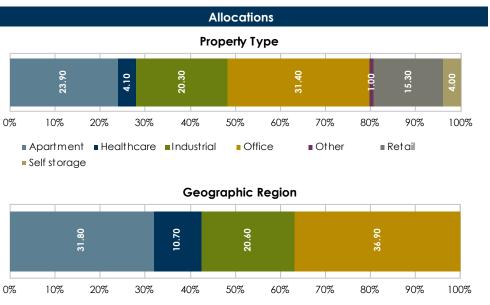
- Strategy Core Real Estate
- Vehicle Non-Mutual Commingled
- Benchmark NFI ODCE Net
- Performance Inception Date April 2018

P	erf	orm	ance	Go	als
	$\mathbf{c}$		ance	-	OII3

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





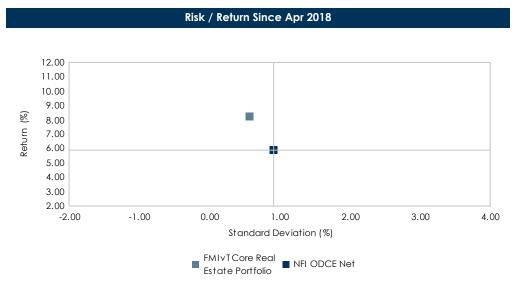


■ Midwest ■ South

West

East

For the Periods Ending June 30, 2019

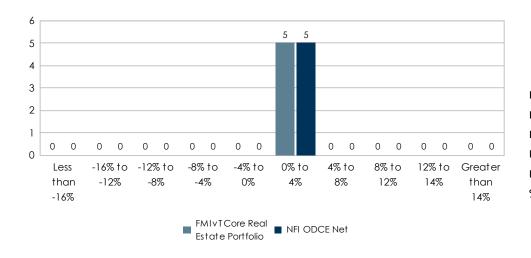


#### 

Benchn	nark Relative Statistics	
Beta	0.11	
R Squared (%)	3.39	
Alpha (%)	1.84	
Tracking Error (%)	0.98	
Batting Average (%)	100.00	
Up Capture (%)	140.86	
Down Capture (%)		

Portfolio Statistics Since Apr 2018

#### Return Histogram Since Apr 2018



#### **Return Analysis Since Apr 2018**

NFI ODCE Net
5
1.87
0.77
5
0
100.00

