



**FELRA and UFCW Benefit Funds
VEBA, Severance, Scholarship and Legal Funds**

Master Consulting Services Report

**Period Ended
September 30, 2019**

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Market Discussion Points

3Q | 2019



Financial Market Performance

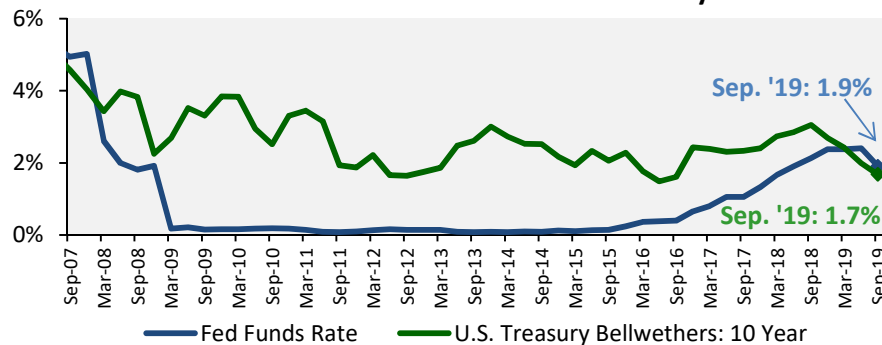
Periods Ending September 30, 2019

Strategy	Sector	Index	QTR	YTD	2018	2017	2016	2015	2014	1-Yr	3-Yr	5-Yr	10-Yr	20-Yr
Stocks	US Large Cap	S&P 500	1.7	20.6	-4.4	21.8	12.0	1.4	13.7	4.3	13.4	10.8	13.2	6.3
	US Small Cap	Russell 2000	-2.4	14.2	-11.0	14.7	21.3	-4.4	4.9	-8.9	8.2	8.2	11.2	8.0
	All Country	MSCI All Country World (net)	0.0	16.2	-9.4	24.0	7.9	-2.4	4.2	1.4	9.7	6.7	8.4	-
	Non-US Developed	MSCI EAFE (net)	-1.1	12.8	-13.8	25.0	1.0	-0.8	-4.9	-1.3	6.5	3.3	4.9	3.7
	Emerging Markets	MSCI EM (net)	-4.3	5.9	-14.6	37.3	11.2	-14.9	-2.2	-2.0	6.0	2.3	3.4	7.3
	Int'l Small Cap	MSCI EAFE Small Cap (net)	-0.4	12.1	-17.9	33.0	2.2	9.6	-5.0	-5.9	5.9	6.0	7.5	7.0
Bonds	Treasury	Bloomberg Barclays US Govt	2.4	7.7	0.9	2.3	1.1	0.9	4.9	10.4	2.3	2.9	3.0	4.6
	Broad Market	Bloomberg Barclays Aggregate	2.3	8.5	0.0	3.5	2.7	0.6	6.0	10.3	2.9	3.4	3.8	5.0
	Intermediate	Bloomberg Barclays Gov/Credit Int.	1.4	6.4	0.9	2.1	2.1	1.1	3.1	8.2	2.4	2.7	3.1	4.5
	High Yield	Bloomberg Barclays HY BaB 2% IC	1.9	12.4	-1.9	6.9	14.1	-2.7	3.5	8.3	6.0	5.5	7.7	6.9
	Short Duration HY	BofA ML HY Cash Pay BB 1-3 YR	1.5	7.1	1.4	3.6	8.5	1.2	1.9	6.3	4.3	4.5	5.9	-
	Global Bonds	FTSE WGBI	0.9	6.3	-0.8	7.5	1.6	-3.6	-0.5	8.1	1.2	1.8	1.7	4.2
GTAA	Unconstrained	65% MSCI World /35% FTSE WGBI	0.6	13.6	-5.7	17.0	5.6	-1.6	3.0	4.4	7.2	5.5	6.7	5.1
Real Estate	Core	NCREIF ODCE Equal Weighted (net)	1.2	3.9	7.3	6.9	8.4	14.2	11.4	5.3	6.7	8.7	9.9	7.1
Hedge Fund of Funds	Diversified FOFs	HFRI HFOF Composite	-0.9	5.2	-4.0	7.8	0.5	-0.3	3.4	0.0	3.2	2.0	2.7	3.9
	Equity Long-Short	HFRI Equity Hedge	-1.1	8.0	-7.1	13.3	5.5	-1.0	1.8	-1.2	4.8	3.5	4.4	5.8
Commodities	Commodities	Goldman Sachs Commodity	-4.2	8.6	-13.8	5.8	11.4	-32.9	-33.1	-16.3	1.5	-11.7	-5.4	-0.6

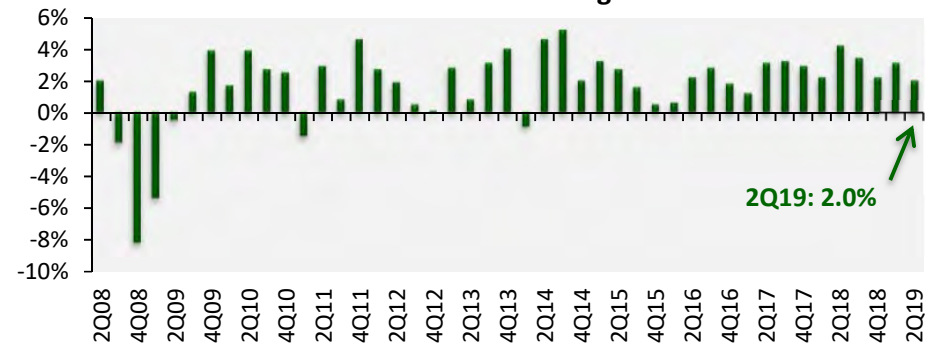
U.S. Economy

While the economic expansion in the U.S. continued into a record 11th year, there are clear signs that growth is slowing. As the effects of the 2017 tax cuts began to fade and the ongoing trade war between the U.S. and China impacts business confidence, resulting in depressed business investment globally, U.S. GDP grew at 2.0% in the 2nd quarter of 2019, down from 3.1% growth in the 1st quarter. U.S. manufacturing activity slowed in 2019, but current readings still indicate expansion. Conversely, activity has declined more meaningfully outside the U.S. and has dipped into contraction territory in several export-dependent countries such as China, Germany, Taiwan and Korea. Central banks around the world are seeking to prevent slowing growth from turning into a recession by easing monetary policy. The U.S. Federal Reserve cut interest rates in July for the first time in a decade and followed the cut with an additional 25 basis points cut in September. The Fed, which said the cuts were a “mid cycle adjustment” and not the start of an easing cycle, cited low inflation, economic weakness overseas, and rising trade tension as the reasons for the cuts. While business confidence and spending has slowed, the consumer continues to support U.S. growth. Although job growth has slowed somewhat in recent months, the unemployment rate is at a 50-year low and consumer confidence is high. Historically, recessions have been preceded by a decline in hiring. With business uncertainty rising, the labor market should be closely monitored for signs of a meaningful decline in new hires. For now, consumer sentiment remains well above the long-term average. Despite a decade of fiscal stimulus, inflation has remained subdued below 2%.

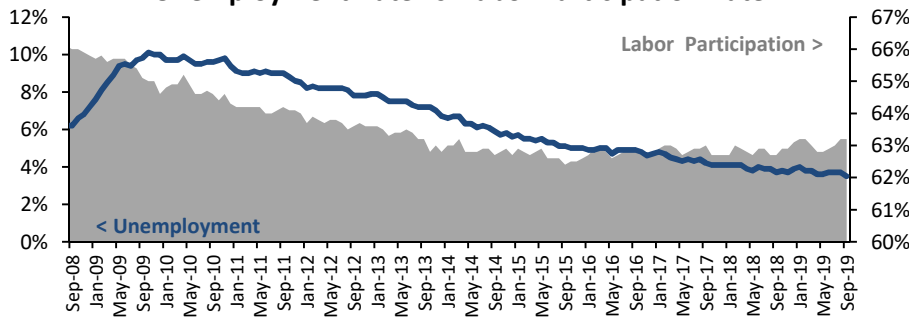
Fed Funds Rate vs. 10-Year U.S. Treasury



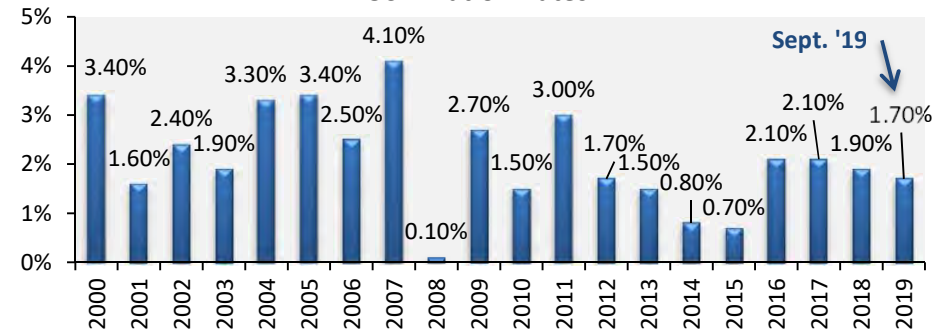
GDP Percent Change



Unemployment Rate vs. Labor Participation Rate



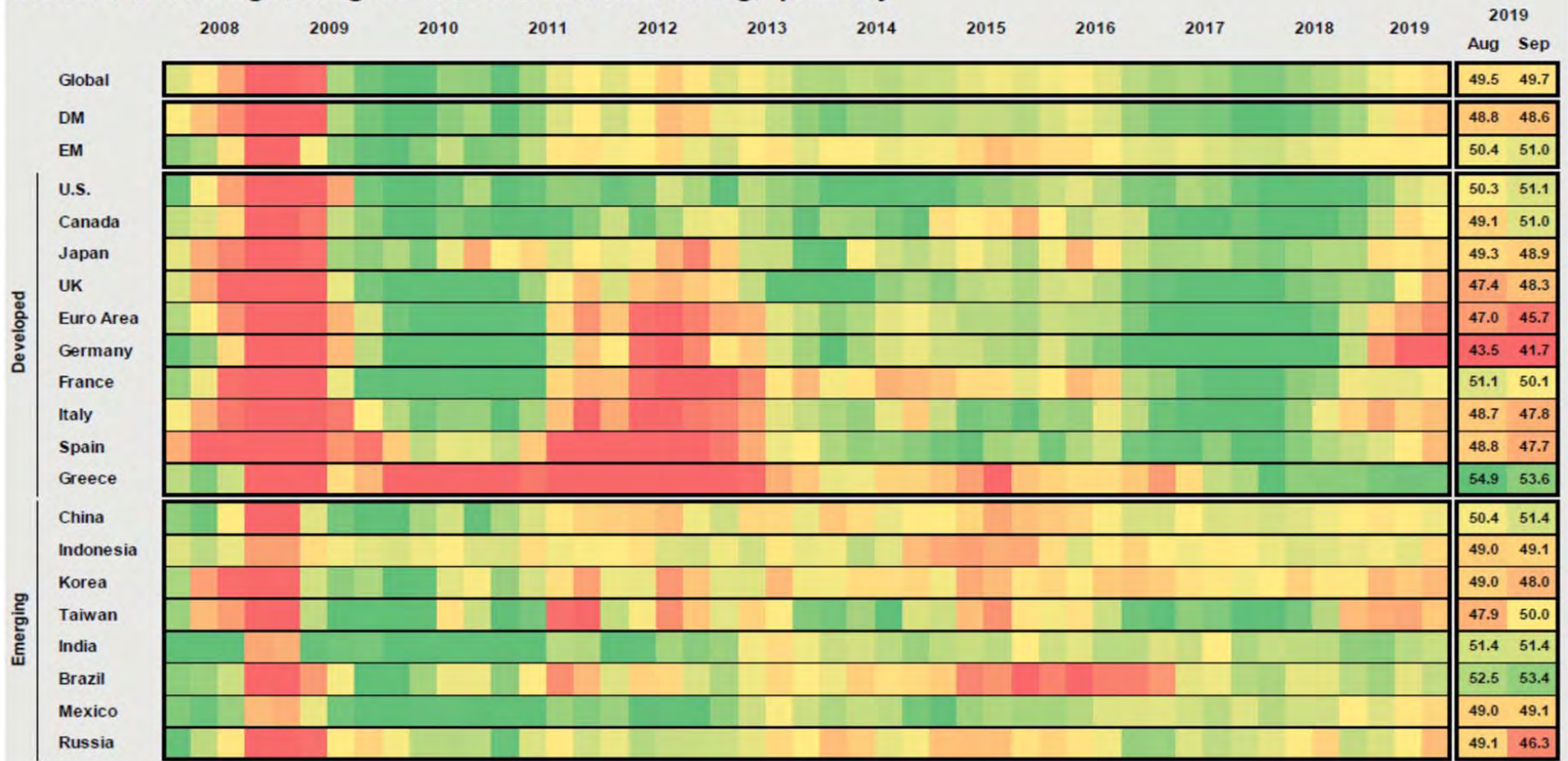
US Inflation Rates



Source: Top Left - The Federal Reserve; Top Right - Bureau of Economics, U.S. Department of Commerce; Bottom Left and Right: Bureau of Labor Statistics

Global PMIs Showing Signs of Economic Slowdown

Global Purchasing Managers' Index for manufacturing, quarterly



Note: Heatmap colors are based on PMI relative to the 50 level, which indicates acceleration or deceleration of the sector, for the time period shown. Heat map is based on quarterly averages, with the exception of the two most recent figures, which are single month readings. Data for Canada, Indonesia and Mexico are back-tested and filled in from December 2007 to November 2010 for Canada and May 2011 for Indonesia and Mexico due to lack of existing PMI figures for these countries. DM and EM represent developed markets and emerging markets, respectively.

Source: J.P. Morgan Asset Management.

CEO and Consumer Confidence Diverging

CHANGE IN CONSUMER AND CEO CONFIDENCE SINCE START OF 2015



Source: Fortune, BEA, IMF, Federal Reserve, The Conference Board

U.S. Equity Market

U.S. equities continued their strong performance with the broad-based Russell 3000 rising 1.2% for the quarter. Large cap stocks outperformed smaller companies, with the S&P 500 up 1.7% for the quarter, bringing the year to date return to 20.6%. Midcap stocks were up marginally for the quarter, 0.5%, while small caps, as measured by the Russell 2000, lagged with a return of -2.4%. For the year, small caps have trailed large caps by approximately 600 basis points. Within large caps, growth stocks narrowly outperformed value, while value performed better in the mid and small cap space.

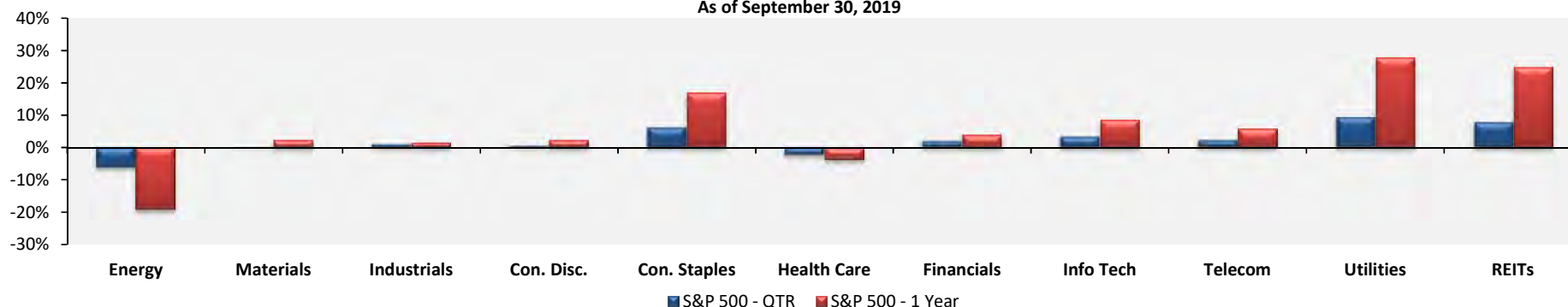
In the face of falling bond yields, defensive and interest rate sensitive sectors such as utilities (+9.3%), REITs (+7.7%) and consumer staples (+6.1%) were the best performers for the quarter, while health care (-2.3%) and energy (-6.2%) were the only two sectors with meaningfully negative returns. Over the last twelve months, the energy sector is now down over 19%.

Following very strong profit growth in 2018, earnings grew at 4% in the 1st and 2nd quarters of 2019, with share buybacks accounting for nearly 50% of earnings growth in the most recent quarter. As of September 30, 2019, the S&P 500 was valued at 16.8x on a forward P/E basis, up from 14.4x at the start of the year and slightly above the 25-year average forward P/E of 16.2x.

Sector	Index	3Q 19	YTD	2018	2017	2016	2015	2014	1-Year	3-Year	5-Year	10-Year
Large Cap	S&P 500	1.7	20.6	-4.4	21.8	12.0	1.4	13.7	4.3	13.4	10.8	13.2
	Russell 1000	1.4	20.5	-4.8	21.7	12.1	0.9	13.3	3.9	13.2	10.6	13.2
	Russell 1000 Value	1.4	17.8	-8.3	13.7	17.3	-3.8	13.5	4.0	9.4	7.8	11.5
	Russell 1000 Growth	1.5	23.3	-1.5	30.2	7.1	5.7	13.1	3.7	16.9	13.4	14.9
Mid Cap	Russell Mid-Cap	0.5	21.9	-9.1	18.5	13.8	-2.4	13.2	3.2	10.7	9.1	13.1
	Russell Mid-Cap Value	1.2	19.5	-12.3	13.3	20.0	-4.8	14.7	1.6	7.8	7.6	12.3
	Russell Mid-Cap Growth	-0.7	25.2	-4.8	25.3	7.3	-0.2	11.9	5.2	14.5	11.1	14.1
Small Cap	Russell 2000	-2.4	14.2	-11.0	14.7	21.3	-4.4	4.9	-8.9	8.2	8.2	11.2
	Russell 2000 Value	-0.6	12.8	-12.9	7.8	31.7	-7.5	4.2	-8.2	6.5	7.2	10.1
	Russell 2000 Growth	-4.2	15.3	-9.3	22.2	11.3	-1.4	5.6	-9.6	9.8	9.1	12.2
Total Market	Wilshire 5000	1.2	20.1	-5.3	21.0	13.4	0.7	12.7	3.0	12.9	10.6	13.1
	Russell 3000	1.2	20.1	-5.2	21.1	12.7	0.5	12.6	2.9	12.8	10.4	13.1

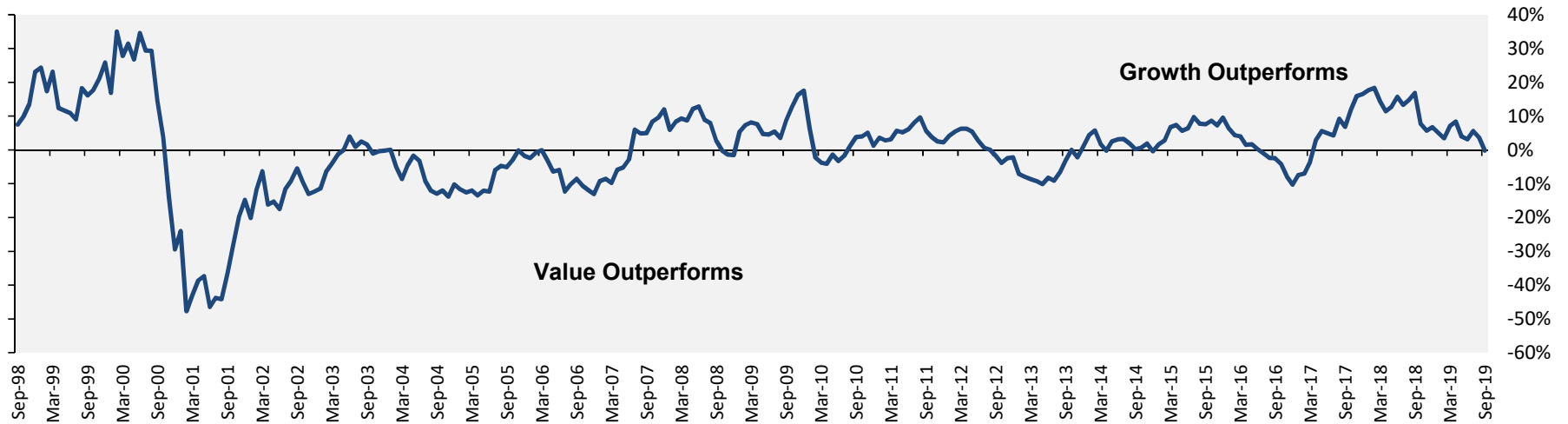
Sector Allocations Performance

As of September 30, 2019

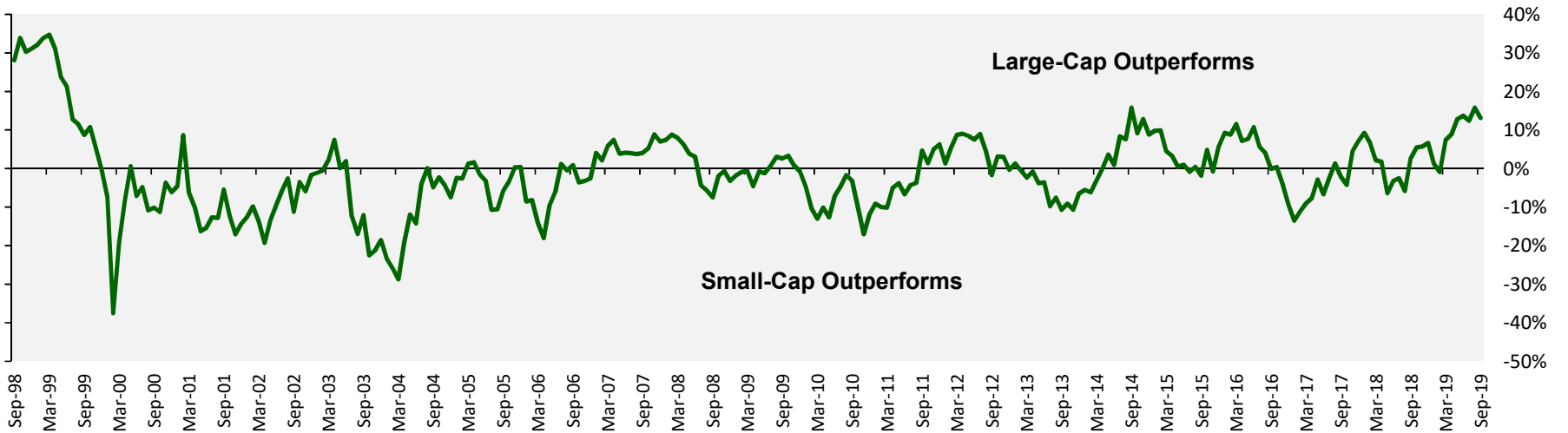


U.S. Equity Market

Russell 1000 Growth vs. Russell 1000 Value
Rolling One-Year Returns

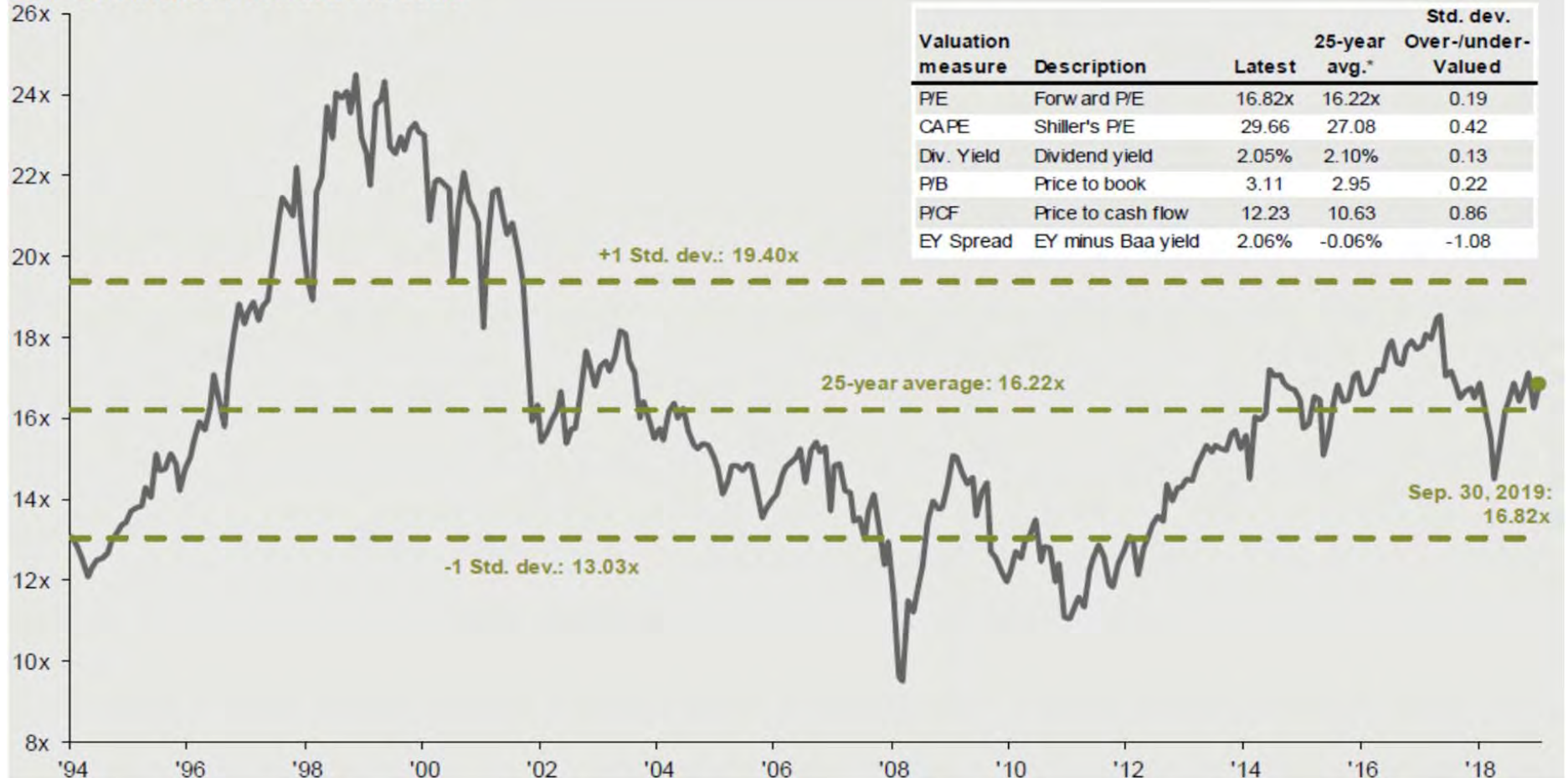


S&P 500 vs. Russell 2000
Rolling One-Year Returns



U.S. Equity Valuations Slightly Above Historical Averages

S&P 500 Index: Forward P/E ratio

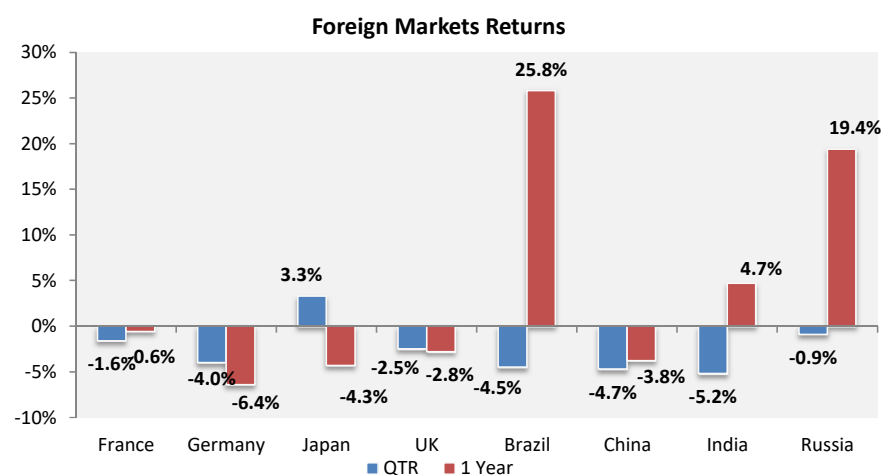
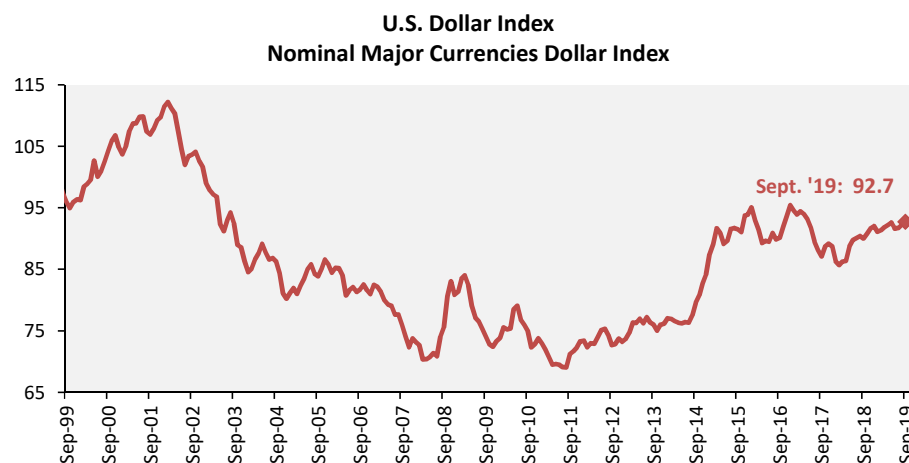


Source: FactSet, FRB, Robert Shiller, Standard & Poor's, Thomson Reuters, J.P. Morgan Asset Management. Data are as of September 30, 2019.

International Equity Market

The decade long trend of U.S. equity outperformance relative to non-U.S. markets continued during the 3rd quarter as the MSCI EAFE returned -1.1%. Germany, which has experienced a meaningful slowdown of its manufacturing sector and is close to entering a recession, returned -4.0% for the quarter. The U.K. returned -2.5% as uncertainty around Brexit negotiations continued to weigh on the market. Emerging markets underperformed developed markets with a return of -4.3% for the quarter. China, which reported their lowest growth rate in nearly three decades as they cope with the ongoing trade war, returned -4.7% for the quarter. India also performed poorly with a return of -5.2% for the quarter. Year to date, emerging markets have returned 5.9%, significantly trailing developed markets.

Sector	Index	3Q 19	YTD	2018	2017	2016	2015	2014	1-Year	3-Year	5-Year	10-Year
Global	MSCI AC World Index (net)	0.0	16.2	-9.4	24.0	7.9	-2.4	4.2	1.4	9.7	6.7	8.4
	MSCI World Small Cap (net)	-1.2	13.6	-14.4	23.8	11.6	-1.0	1.8	-5.5	7.0	6.2	9.1
	MSCI World ex US (net)	-1.8	11.6	-14.2	27.2	4.5	-5.7	-3.9	-1.2	6.3	2.9	4.5
	MSCI World ex US Small Cap (net)	-1.2	10.3	-18.2	31.6	3.9	2.6	-4.0	-5.6	4.6	4.0	6.1
Developed ex US	MSCI EAFE (net)	-1.1	12.8	-13.8	25.0	1.0	-0.8	-4.9	-1.3	6.5	3.3	4.9
	MSCI EAFE Value (net)	-1.7	7.7	-14.8	21.4	5.0	-5.7	-5.4	-4.9	5.1	1.0	3.2
	MSCI EAFE Growth (net)	-0.5	17.9	-12.8	28.9	-3.0	4.1	-4.4	2.2	7.8	5.5	6.5
	MSCI EAFE Small Cap (net)	-0.4	12.1	-17.9	33.0	2.2	9.6	-5.0	-5.9	5.9	6.0	7.5
Emerging Markets	MSCI Emerging Markets (net)	-4.3	5.9	-14.6	37.3	11.2	-14.9	-2.2	-2.0	6.0	2.3	3.4

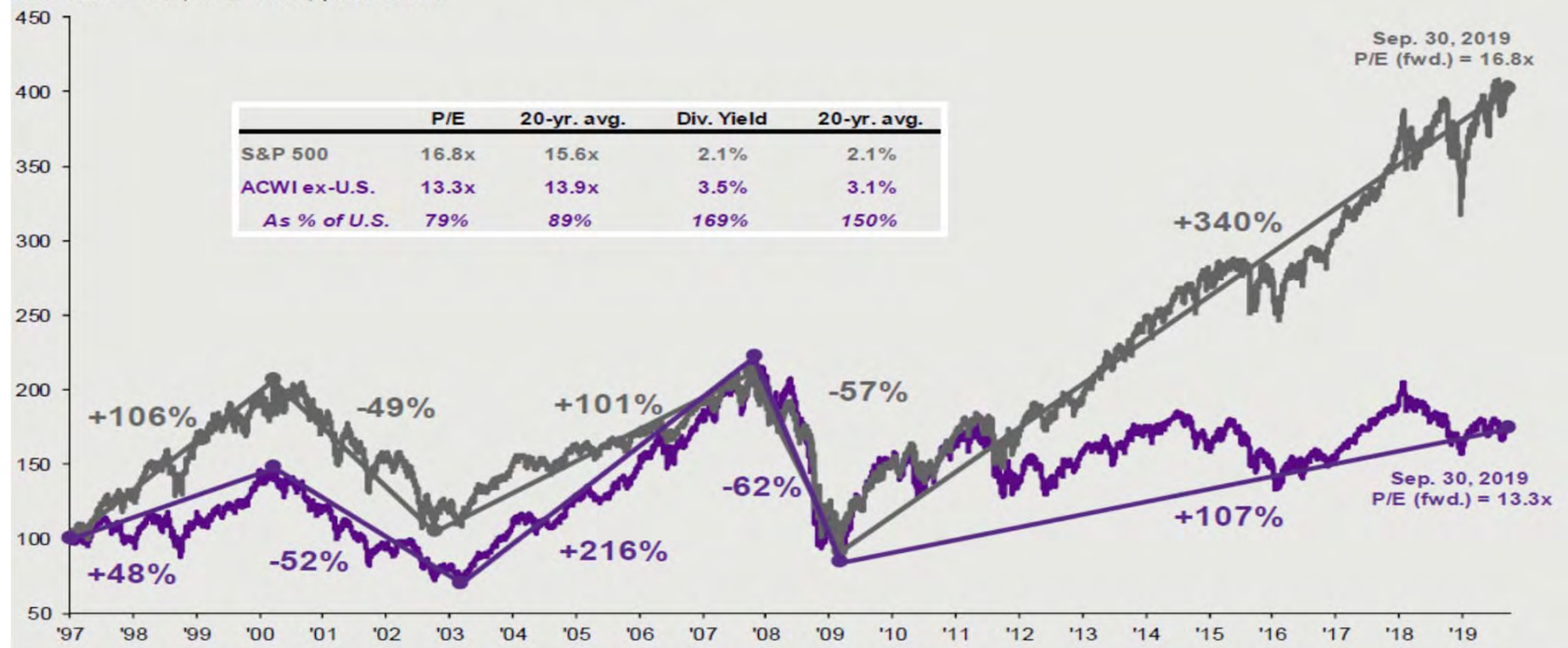


Left chart: The major currencies index is a weighted average of the foreign exchange values of the U.S. dollar against a subset of currencies in the broad index that circulate widely outside the country of issue. The weights are derived from those in the broad index. Source: The Federal Reserve. Right chart: Data as of September 30, 2019.

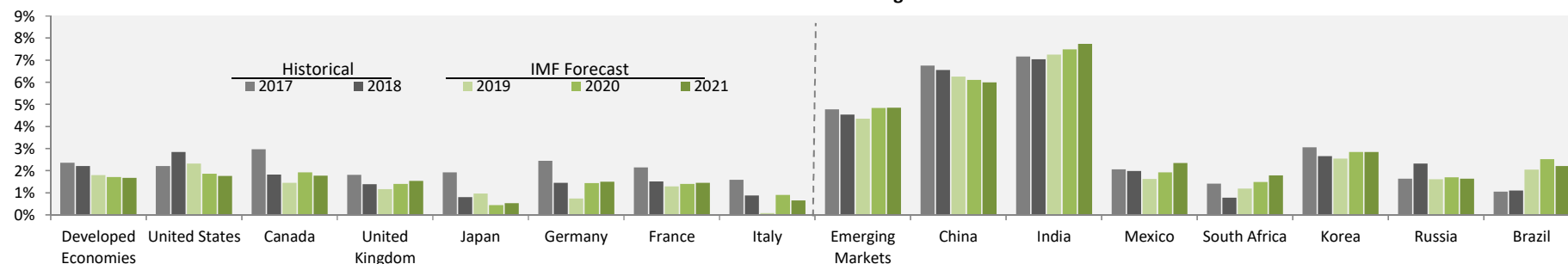
International Equity Market

MSCI All Country World ex-U.S. and S&P 500 Indices

Dec. 1996 = 100, U.S. dollar, price return



Y-O-Y Annual GDP % Change



Top chart: Source - MSCI, Standard & Poor's, FactSet, J.P. Morgan Asset Management. Bottom chart: Annual percentages of constant price GDP are year-on-year changes; the base year is country-specific. Source: International Monetary Fund, World Economic Outlook Database, April 2019.

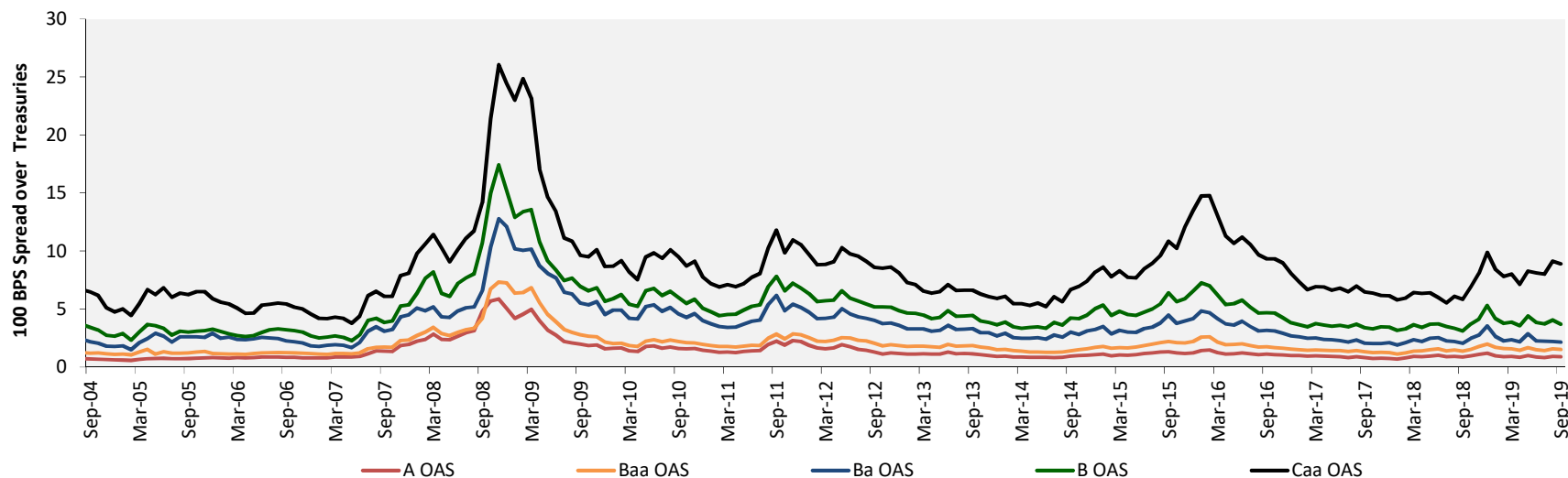
U.S. Bond Market

With growth continuing to slow and the Fed cutting rates twice, yields moved lower across the curve in the 3rd quarter. The 10-year Treasury ended the quarter at 1.68%, down from 2.00% to start the quarter, and from a 12-month high of 3.24% in November of 2018. The 2-year Treasury closed at 1.63%, down from 1.75% at the start of the quarter. Year-to-date, the 10-year has declined 101 basis points while the 2-year has fallen 85 basis points. While parts of the curve were inverted during the quarter, the spread between 2-year and 10-year bonds finished positive by 5 basis points. U.S. rates remain higher than rates in most developed markets. It is estimated that 25% of all sovereign debt globally now trades with a negative yield.

Declining interest rates have resulted in somewhat surprisingly strong bond returns in 2019. The Bloomberg Barclays US Aggregate index is up 8.5% year-to-date, and returned 2.3% for the quarter, the third consecutive quarter the index returned more than 2%. Credit spreads were largely unchanged for the quarter, and given the decline in rates, longer duration issues outperformed. Investment grade bonds, as measured by the Bloomberg Barclays Govt./Credit return of 2.6%, outperformed high yield, which returned 1.9% as measured by the Bloomberg Barclays HY Ba/B 2%.

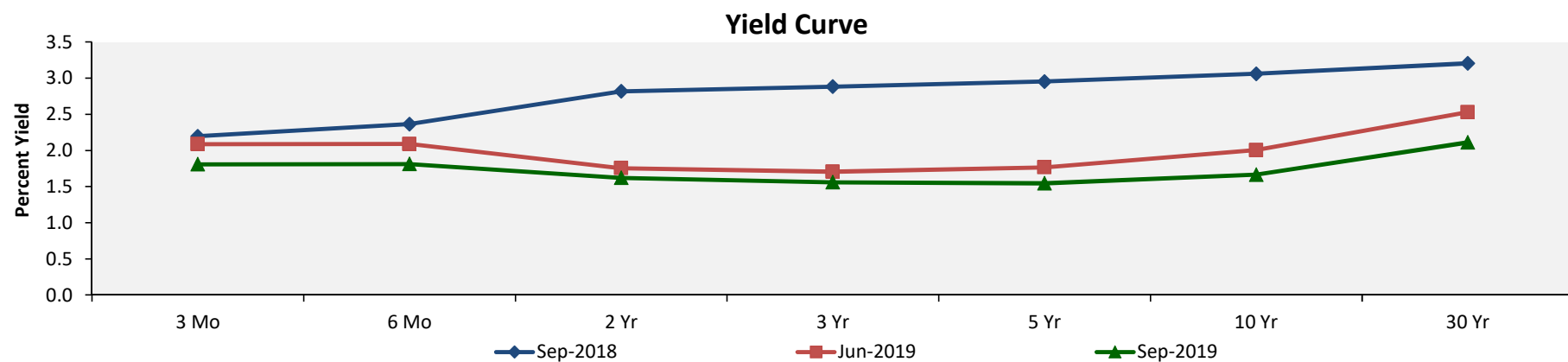
<u>Index</u>	<u>Yield</u>	<u>Duration</u>	<u>3Q 19</u>	<u>YTD</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>1-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>10-Year</u>
Bloomberg Barclays Aggregate	2.26	6.1	2.3	8.5	0.0	3.5	2.7	0.6	6.0	10.3	2.9	3.4	3.8
Bloomberg Barclays Govt/Credit	2.19	7.0	2.6	9.7	-0.4	4.0	3.1	0.2	6.0	11.3	3.2	3.6	3.9
Bloomberg Barclays Int Agg	2.11	4.0	1.4	6.2	0.9	2.3	2.0	1.2	4.1	8.1	2.4	2.7	3.2
Bloomberg Barclays Int Govt/Credit	1.93	4.0	1.4	6.4	0.9	2.1	2.1	1.1	3.1	8.2	2.4	2.7	3.1
Bloomberg Barclays HY Ba/B 2% IC	4.77	3.3	1.9	12.4	-1.9	6.9	14.1	-2.7	3.5	8.3	6.0	5.5	7.7
BofA ML HY Cash Pay BB 1-3 Yr.	4.51	1.5	1.5	7.1	1.4	3.6	8.5	1.2	1.9	6.3	4.3	4.5	5.9
Bloomberg Barclays Mortgage	2.45	4.0	1.4	5.6	1.0	2.5	1.7	1.5	6.1	7.8	2.3	2.8	3.1
Bloomberg Barclays Treasury	1.72	6.6	2.4	7.7	0.9	2.3	1.0	0.8	5.1	10.5	2.2	2.9	3.1
Bloomberg Barclays US TIPS	1.88	7.8	1.4	7.6	-1.3	3.0	4.7	-1.4	3.6	7.1	2.2	2.5	3.5
BofA ML 91 day T-Bills	1.83	0.3	0.6	1.8	1.9	0.9	0.3	0.1	0.0	2.4	1.5	1.0	0.5

OAS Credit Spread



Source: Bloomberg Barclays

U.S. Yield Curve

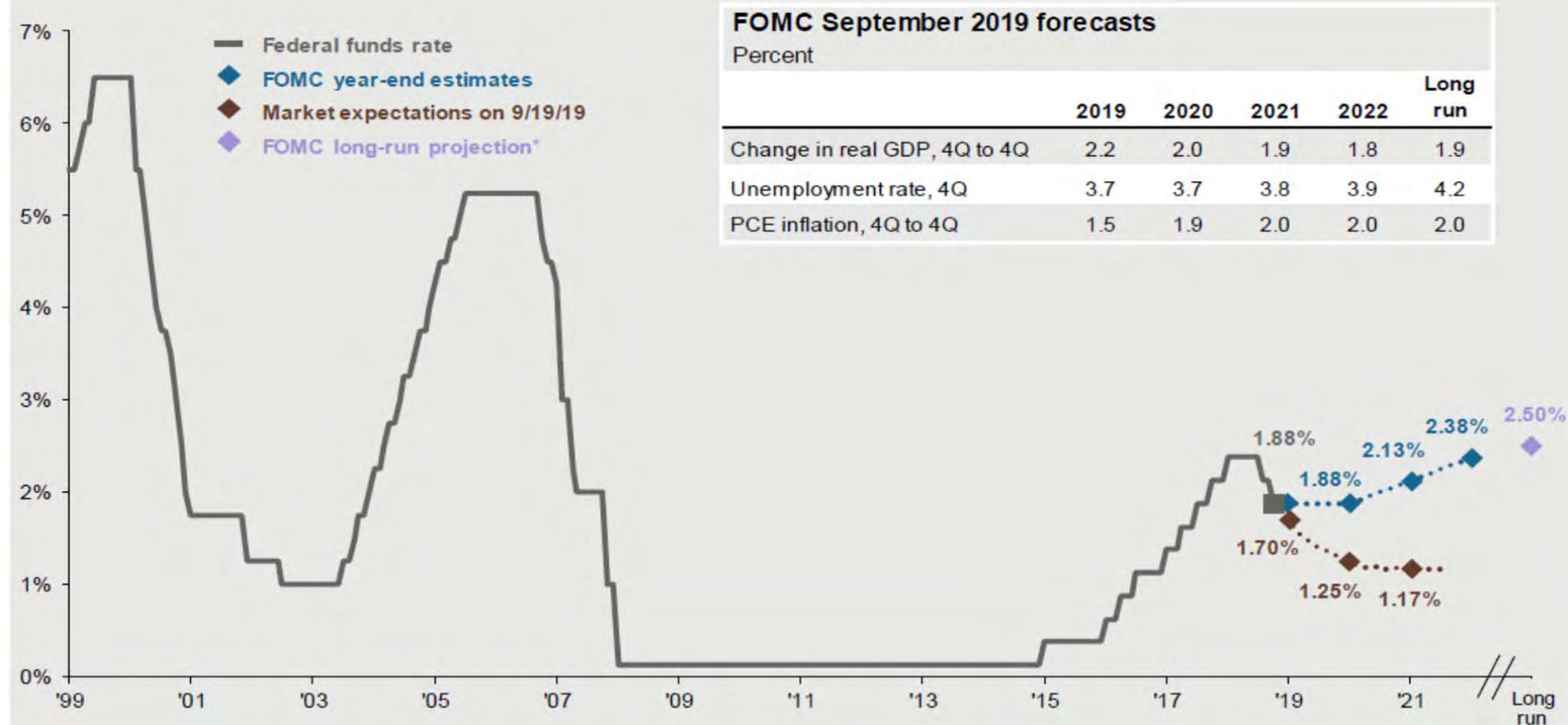


Source: Top Chart - Bloomberg Barclays. Bottom Chart - FactSet, Federal Reserve, J.P. Morgan Asset Management. Data are as of September 30, 2019.

Fed Interest Rate Policy

Federal funds rate expectations

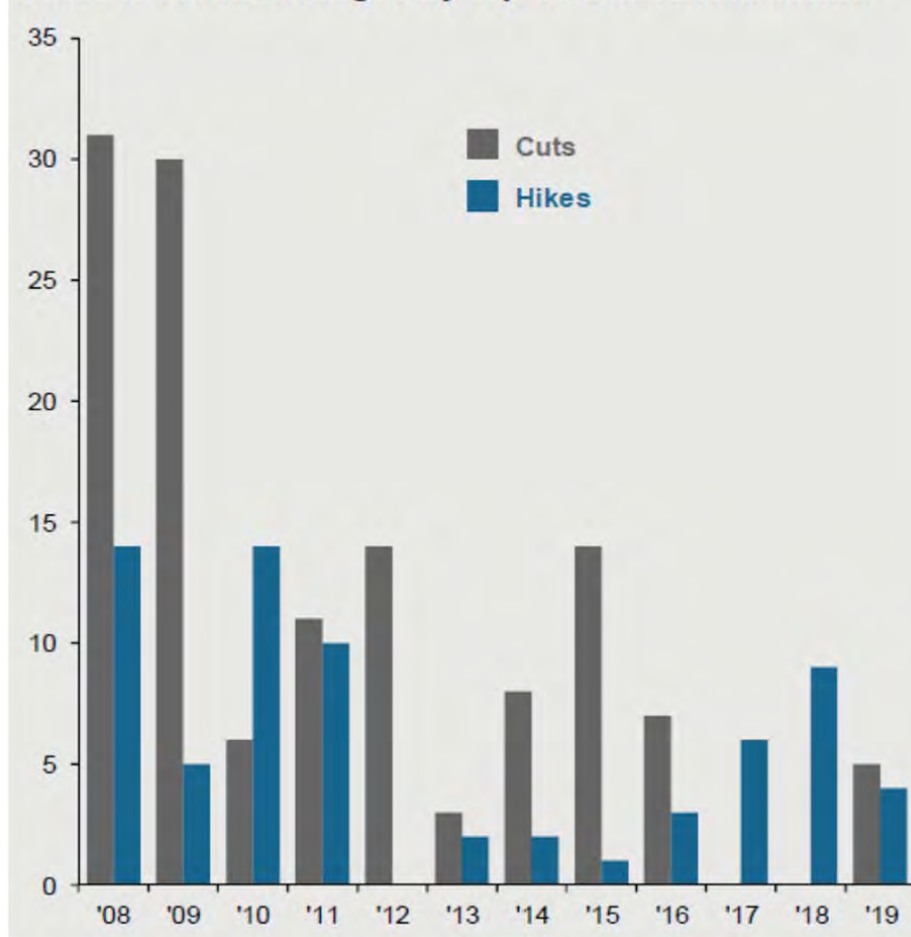
FOMC and market expectations for the federal funds rate



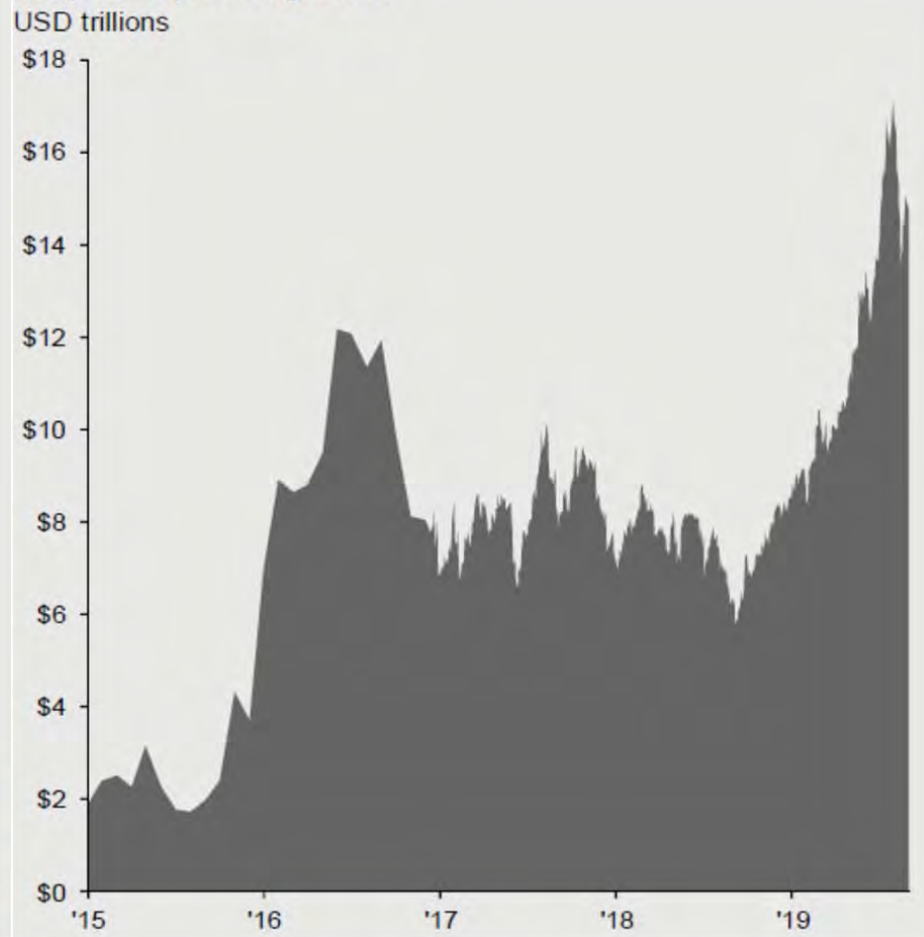
Source: Bloomberg, FactSet, Federal Reserve, J.P. Morgan Asset Management. Data are as of September 30, 2019.

Central Bank Rate Cuts Decisions and Negative Yielding Debt

Number of rate changes by top-10 DM central banks***



Negative yielding debt



Left Source: Bloomberg, J.P. Morgan Asset Management. Data are as of September 30, 2019. *** Includes Australia, Canada, Denmark, Eurozone, Japan, Norway, Switzerland, UK, and U.S.
Right Source: Bloomberg, J.P. Morgan Asset Management. Data are as of September 30, 2019.

Interest Rate Sensitivity

12 Month Holding Period - Annualized Returns as of 9/30/2019

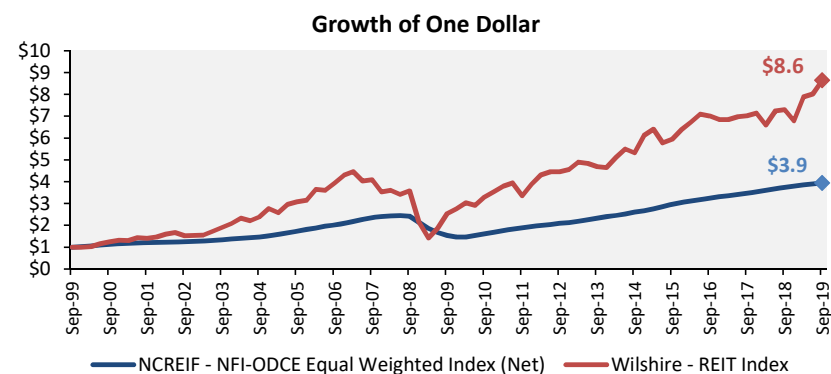
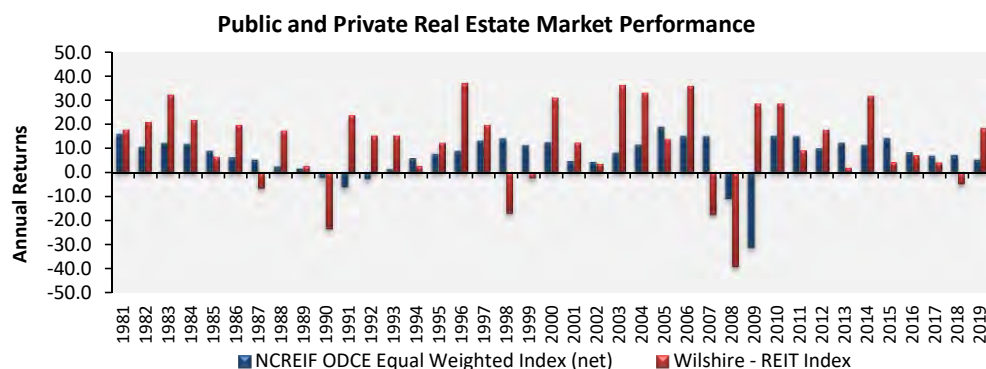
Yield Change (bps)	10 Year Treasury	Bloomberg Barclays Aggregate US Aggregate	Bloomberg Barclays Int Govt/Credit US Int Govt/Credit	ML Gov/Corp Master	ML 1-3 yr Gov/Corp	Defensive ML US HY BB/B ND	Short Duration ML US HY BB/B 1-3 yr
-150	15.27	11.46	7.86	12.66	4.66	9.66	6.70
-100	10.74	8.39	5.88	9.18	3.72	8.02	5.97
-50	6.21	5.33	3.91	5.71	2.79	6.39	5.24
-25	3.95	3.79	2.92	3.97	2.32	5.57	4.88
0	1.68	2.26	1.93	2.23	1.85	4.75	4.51
25	-0.59	0.73	0.94	0.49	1.38	3.93	4.15
50	-2.85	-0.81	-0.05	-1.25	0.92	3.12	3.78
100	-7.38	-3.87	-2.02	-4.72	-0.02	1.48	3.05
150	-11.91	-6.94	-4.00	-8.20	-0.96	-0.16	2.32
200	-16.44	-10.00	-5.97	-11.67	-1.89	-1.79	1.59
250	-20.97	-13.07	-7.95	-15.15	-2.83	-3.43	0.86
300	-25.50	-16.13	-9.92	-18.62	-3.76	-5.06	0.13
350	-30.03	-19.20	-11.90	-22.10	-4.70	-6.70	-0.60
400	-34.56	-22.26	-13.87	-25.57	-5.63	-8.33	-1.33
450	-39.09	-25.33	-15.85	-29.05	-6.57	-9.97	-2.06
500	-43.62	-28.39	-17.82	-32.52	-7.50	-11.60	-2.79
Duration	9.06	6.13	3.95	6.95	1.87	3.27	1.46

FOR ILLUSTRATIVE PURPOSES ONLY: For each index the current yield to worst as of 9/30/2019 was used as the base case annualized return. The annualized return sensitivity to a uniform increase or decrease in the yield curve was calculated by taking the index's Macaulay's (Modified) Duration to Worst as of 9/30/2019 multiplied by the percentage point change in the yield curve (basis point change divided by 100) and then appropriately adding or subtracting this implied percentage change in the value of the index (due to the shift in the yield curve) to the base case annualized return. This is a rough approximation of the annual return sensitivity to parallel shifts in the yield curve. **SOURCE:** PENN Capital Internal Research.

Real Estate Market

Private real estate, as measured by the NCREIF ODCE Equal Weighted Index, returned 1.4% (1.2% net) in the third quarter, consisting of income gains of 1.07% and modest appreciation of 0.31%. Consistent with expectations, income has been the primary driver of return, accounting for 4.3% of the 6.2% total return over the last year. The prospect of low interest rates for the foreseeable future should be supportive of real estate valuations going forward, while the income component remains attractive to investors seeking sources of yield in a low rate environment. Additionally, fundamentals such as occupancy, new supply, and rent growth all appear healthy. Assuming income of 4-5% per year and appreciation of 1-3%, expectations for total returns of 5-8% from core real estate appear reasonable.

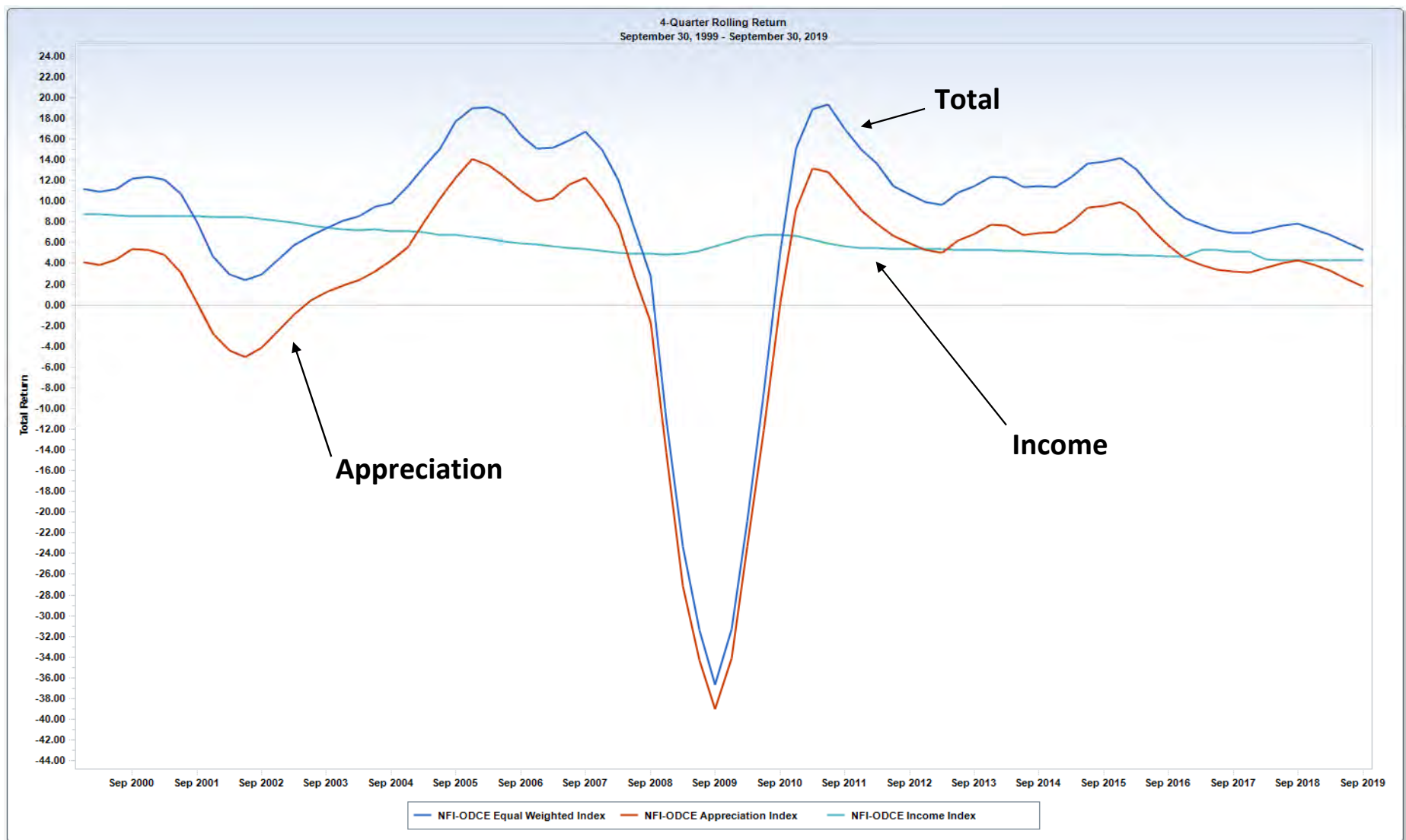
Sector	Index	3Q 19	YTD	2018	2017	2016	2015	2014	1-Year	3-Year	5-Year	10-Year
US Private	NCREIF ODCE Equal Weighted (net)	1.2	3.9	7.3	6.9	8.4	14.2	11.4	5.3	6.7	8.7	9.9
US Public	Wilshire REIT	7.9	27.2	-4.8	4.2	7.2	4.2	31.8	18.4	7.2	10.2	13.1



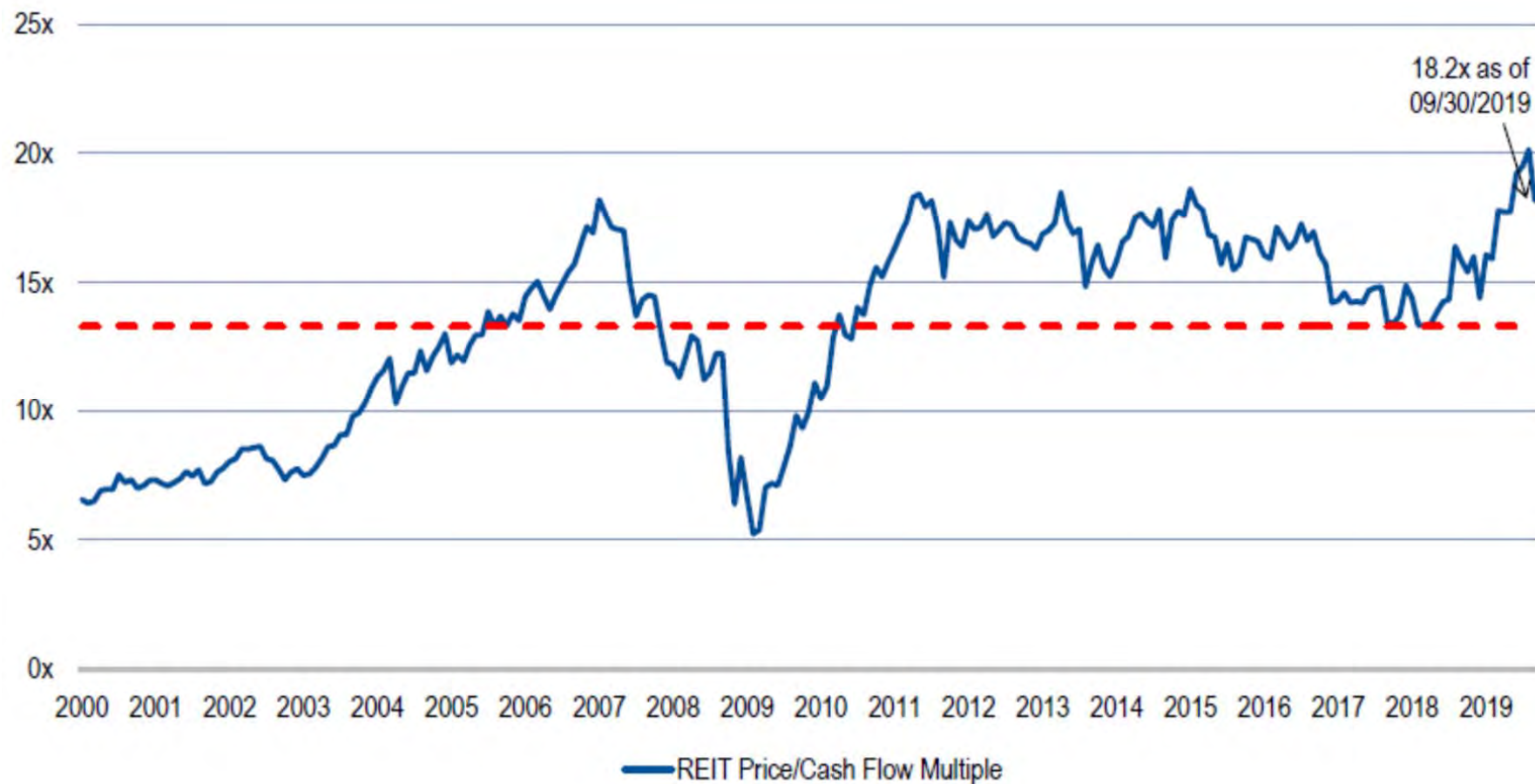
	Total return (incl. income) 2019	Total return (incl. income) 2020	Total return (incl. income) 2021	Total return (incl. income) 2019 to 2023 (per year)
National, All Property Types (NPI)	6.5	5.3	4.5	5.5
Office	6.3	5.0	4.0	5.1
Retail	2.8	3.3	3.6	3.8
Industrial	11.7	8.2	6.1	7.6
Apartment	6.0	5.4	4.6	5.5

Bottom chart: Average of respondents' forecasts of the NCREIF Property Index (NPI) and sub-indices by property type. **Source:** Pension Real Estate Association Consensus Forecast Survey of the NCREIF Property Index Q3 2019.

Real Estate Market



REIT Valuations are Above Their Long-Term Average



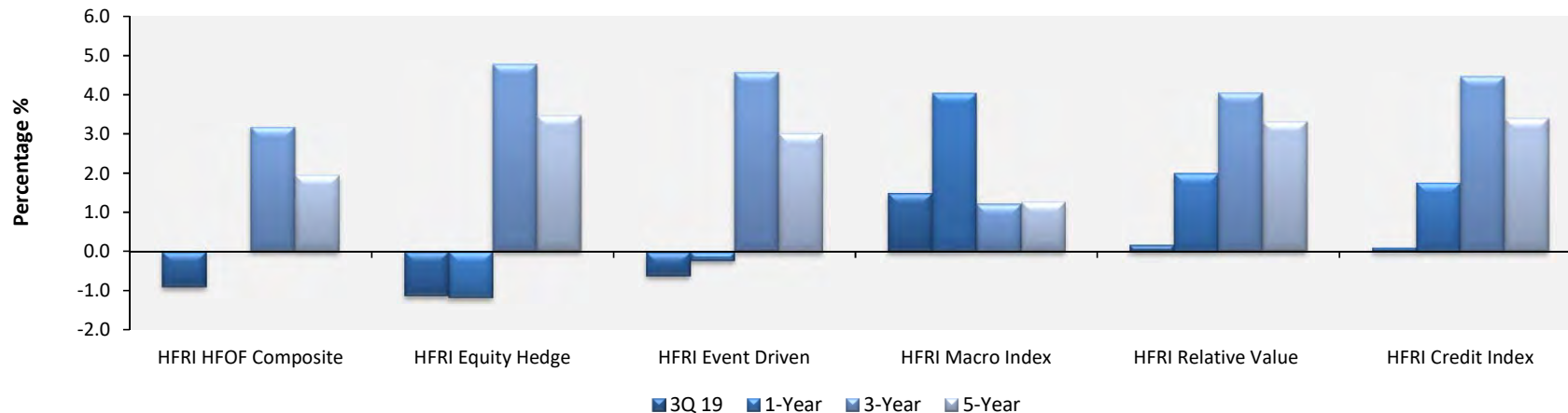
Source: Bloomberg, Neuberger Berman

Hedge Fund of Funds Market

Hedge fund returns were mixed during a choppy third quarter that saw two Fed rate cuts, higher volatility in global equity markets, and several idiosyncratic events across asset classes. The HFRI Fund of Funds Composite declined 0.9% during the third quarter, reducing the YTD return to 5.2%. As equities bounced back, the index produced modestly positive returns in July, declined while protecting capital relative to global equity markets in August and declined roughly in line with core bonds in September. Equity hedge remains the strongest performing strategy YTD, but saw the largest declines during the quarter, down 1.1%. Dispersion among equity-oriented funds was wide and dependent on geographic, sector and market cap focus, as the U.S. outperformed international markets, large cap outperformed small cap and sell-offs in energy and healthcare disproportionately hurt managers focused on those sectors. Macro strategies again were the best performer for the quarter, up 1.5%, due to similar reasons as Q2 - active trading around periods of heightened volatility, declining stock correlations and the aforementioned disparate equity sector returns. Credit strategies were mixed during the quarter, with the HFRI Credit Index producing a slightly positive return of 0.1%. Loans underperformed bonds during the quarter, and lower quality securities generally lagged as spreads in the lowest quality sectors widened modestly during the quarter. The Fed's rate cuts during the quarter helped push bond prices up, though hedge fund managers without much rate-sensitivity in their portfolios benefitted less from this tailwind.

Strategy	Index	3Q 19	YTD	2018	2017	2016	2015	2014	1-Year	3-Year	5-Year	10-Year
Fund of Funds	HFRI HFOF Composite	-0.9	5.2	-4.0	7.8	0.5	-0.3	3.4	0.0	3.2	2.0	2.7
Equity Long-Short	HFRI Equity Hedge	-1.1	8.0	-7.1	13.3	5.5	-1.0	1.8	-1.2	4.8	3.5	4.4
Event Driven	HFRI Event Driven	-0.6	4.8	-2.1	7.6	10.6	-3.6	1.1	-0.2	4.6	3.0	5.1
Global Macro	HFRI Macro Index	1.5	6.5	-4.1	2.2	1.0	-1.3	5.6	4.0	1.2	1.3	1.3
Relative Value	HFRI Relative Value	0.2	5.6	-0.4	5.1	7.7	-0.3	4.0	2.0	4.0	3.3	5.4
Credit	HFRI Credit Index	0.1	4.9	0.0	6.0	8.6	-1.0	3.0	1.8	4.5	3.4	5.7

Hedge Fund Strategy Performance

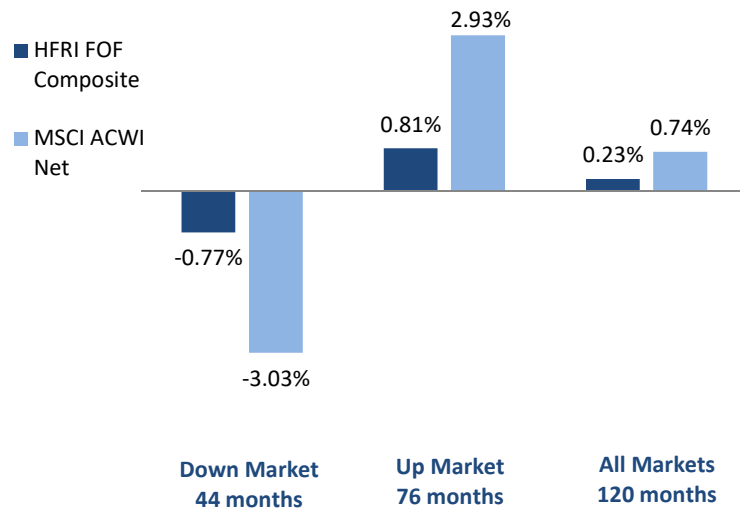


Hedge Fund of Funds Market

Up/Down Capture vs. Equity

Average Returns

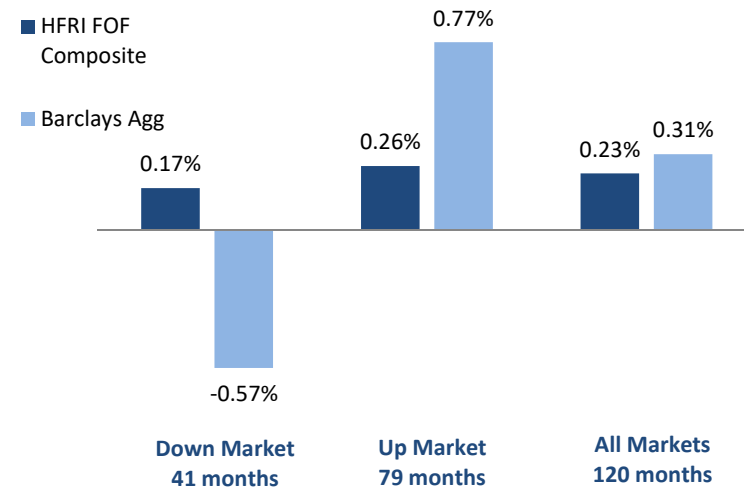
September 2009 - September 2019



Up/Down Capture vs. Bonds

Average Returns

September 2009 - September 2019





FELRA and UFCW Benefit Funds

VEBA, Severance, Scholarship and Legal Funds

Master Consulting Services Report

Period Ended

September 30, 2019

FELRA and UFCW Benefit Funds
Master Consulting Services Report as of September 30, 2019

Total Fund Growth of Assets

	Third Quarter	Fiscal Year-To-Date	One Year	Three Years	Five Years	Inception 1/1/13
Beginning Market Value	\$32,811,129	\$31,103,087	\$24,605,053	\$59,690,677	\$65,341,992	\$56,700,141
Net Cash Flow	\$1,323,784	\$1,718,715	\$8,382,174	-\$30,209,576	-\$40,492,905	-\$37,224,648
Net Investment Change	\$403,836	\$1,716,947	\$1,551,521	\$5,057,647	\$9,689,661	\$15,063,256
Ending Market Value	\$34,538,748	\$34,538,748	\$34,538,748	\$34,538,748	\$34,538,748	\$34,538,748

- The Fund's fiscal year end is December 31st.
- Total assets represent the combined value of the VEBA, Severance, Scholarship and Legal Funds.

Performance Summary (Gross of Fees) - Annualized

	Market Value	% of Portfolio	Ending September 30, 2019						
			2019 Q3	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	Inception	Inception Date
Total Fund	\$34,538,748	100.0%	1.0%	4.8%	4.2%	4.5%	4.2%	4.4%	Jan-13
Total Domestic Equity	\$5,559,592	16.1%	1.1%	19.9%	2.9%	12.8%	9.7%	12.4%	Jan-13
CRSP US Total Market TR USD			1.1%	20.0%	2.9%	12.8%	10.4%	13.5%	Jan-13
S&P 500			1.7%	20.6%	4.3%	13.4%	10.8%	13.8%	Jan-13
Total Investment Grade Fixed Income	\$12,853,524	37.2%	1.5%	6.3%	8.2%	2.6%	2.9%	2.8%	Jan-13
Custom Benchmark			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Total Short Duration High Yield Fixed Income	\$4,528,965	13.1%	1.4%	6.6%	5.9%	4.4%	3.9%	3.9%	Sep-14
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Sep-14
Total Real Estate	\$2,583,792	7.5%	1.2%	4.4%	6.4%	7.1%	8.7%	9.4%	Jan-13
NCREIF ODCE Equal Weighted Net			1.2%	3.8%	5.3%	6.7%	8.7%	9.5%	Jan-13
Total Cash	\$9,012,875	26.1%	0.4%	1.5%	1.9%	1.4%	0.9%	0.7%	Jan-13

- February 1, 2015 represents the inception of the Policy and investment manager structure for each Fund.
- Investment performance represents the actual results of the combined assets of the VEBA, Severance, Scholarship and Legal Funds.

FELRA and UFCW Benefit Funds
Master Consulting Services Report as of September 30, 2019

Asset Allocation		
	Current	Current
Domestic Large Cap Equity	\$5,559,592	16.1%
Investment Grade Fixed Income	\$12,853,524	37.2%
Short Duration High Yield Fixed Income	\$4,528,965	13.1%
Real Estate	\$2,583,792	7.5%
Cash	\$9,012,875	26.1%
Total	\$34,538,748	100.0%

FELRA and UFCW VEBA Fund

Master Consulting Services Report as of September 30, 2019

Total Fund Growth of Assets					
	Third Quarter	Fiscal Year-To-Date	One Year	Three Years	Five Years
Beginning Market Value	\$30,169,469	\$27,544,017	\$22,192,312	\$55,340,215	\$51,204,428
Net Cash Flow	-\$1,143,319	\$244,615	\$5,895,894	-\$30,636,750	-\$30,807,451
Net Investment Change	\$370,813	\$1,608,329	\$1,308,756	\$4,693,496	\$8,999,986
Ending Market Value	\$29,396,962	\$29,396,962	\$29,396,962	\$29,396,962	\$29,396,962

Ending September 30, 2019									
	Market Value	% of Portfolio	2019 Q3	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	Inception	Inception Date
Total VEBA Fund	\$29,396,962	100.0%	1.0%	5.0%	3.9%	4.6%	4.3%	4.3%	Jan-13
Domestic Equity	\$5,549,781	18.9%	1.1%	19.9%	2.9%	12.8%	9.8%	12.3%	Jan-13
<i>CRSP US Total Market TR USD</i>			1.1%	20.0%	2.9%	12.8%	10.4%	13.5%	Jan-13
<i>S&P 500</i>			1.7%	20.6%	4.3%	13.4%	10.8%	13.8%	Jan-13
Core Bond	\$11,246,668	38.3%	1.5%	6.4%	8.2%	2.6%	2.9%	2.7%	Jan-13
<i>Custom Benchmark</i>			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Short Duration High Yield Bond	\$4,385,503	14.9%	1.4%	6.6%	5.9%	4.4%	--	3.8%	Nov-14
<i>BofA ML - U.S. HY Cash Pay 1-3 Yr BB</i>			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Nov-14
Real Estate	\$2,534,628	8.6%	1.2%	4.4%	6.4%	7.1%	--	8.4%	Dec-14
<i>NCREIF ODCE Equal Weighted Net</i>			1.2%	3.8%	5.3%	6.7%	8.7%	8.5%	Dec-14
VEBA Cash	\$5,680,382	19.3%	0.5%	1.5%	2.0%	1.4%	0.9%	0.7%	Jan-13

Note: Allocations are based on data from the PNC custody statements.

FELRA and UFCW VEBA Fund
Master Consulting Services Report as of September 30, 2019

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Domestic Large Cap Equity	\$5,549,781	18.9%	20.0%	5.0% - 50.0%	-1.1%	-\$329,611
Investment Grade Fixed Income	\$11,246,668	38.3%	35.0%	20.0% - 80.0%	3.3%	\$957,731
Short Duration High Yield	\$4,385,503	14.9%	20.0%	10.0% - 40.0%	-5.1%	-\$1,493,889
Real Estate	\$2,534,628	8.6%	20.0%	0.0% - 30.0%	-11.4%	-\$3,344,765
Cash	\$5,680,382	19.3%	5.0%	0.0% - 25.0%	14.3%	\$4,210,534
Total	\$29,396,962	100.0%	100.0%			

- The Policy is effective TBD.
- Due to the timing and size of the contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

FELRA and UFCW VEBA Fund - Asset Allocation & Portfolio Activity

- Asset allocation reviews were presented and discussed with the Board of Trustees at the following meetings: July 18, 2014, August 29, 2014, April 10, 2015 and July 18, 2019.
- In January 2018, \$1.0M transferred from SBH (\$450k), Chartwell (\$250k) and Vanguard (\$300k) for cash needs.
- In February 2018, \$2.0M transferred from SBH (\$900k), Chartwell (\$500k) and Vanguard (\$600k) for cash needs.
- In April 2018, \$3.5M transferred from SBH (\$1.575M), Chartwell (\$875k) and Vanguard (\$1.05M) for cash needs.
- In June 2018, \$2.0M transferred from SBH (\$900k), Chartwell (\$460k) and Vanguard (\$640k) for cash needs.
- A redemption from ARA was submitted effective June 30, 2018 in the amount of \$460k. The proceeds were received and transferred to SBH on July 2, 2019 for rebalancing.
- In June 2019, \$10.0M cash transferred to SBH (\$6.0M), Chartwell (\$2.0M) and Vanguard (\$2.0M) for rebalancing.
- At the July 18, 2019 meeting, the Trustees adopted a Policy: 20% large cap equity (from 25%), 35% investment grade fixed income (from 40%), 20% short duration high yield, 20% real estate (from 10%) and 5% cash. To rebalance to Policy, an additional \$3.5M will be committed to ARA.

Recommendations: The Fund's cash allocation is high due to the timing of contributions and withdrawals and is expected to rebalance within the permitted Policy Ranges. Proceed with rebalancing to real estate Policy (anticipated capital call for January 2, 2020).

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UFCW and FELRA Severance Fund
Master Consulting Services Report as of September 30, 2019

Total Fund Growth of Assets					
	Third Quarter	Fiscal Year-To-Date	One Year	Three Years	Five Years
Beginning Market Value	\$2,038,139	\$2,937,615	\$1,784,278	\$3,457,176	\$13,201,862
Net Cash Flow	\$2,508,559	\$1,554,379	\$2,716,902	\$944,933	-\$9,103,954
Net Investment Change	\$26,065	\$80,769	\$71,583	\$170,654	\$474,855
Ending Market Value	\$4,572,763	\$4,572,763	\$4,572,763	\$4,572,763	\$4,572,763

Ending September 30, 2019									
	Market Value	% of Portfolio	2019 Q3	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	Inception	Inception Date
Total Severance Fund	\$4,572,763	100.0%	1.3%	3.1%	3.0%	2.4%	2.2%	3.6%	Jan-13
Core Bond	\$1,257,917	27.5%	1.4%	6.2%	8.1%	2.6%	2.9%	2.7%	Jan-13
<i>Custom Benchmark</i>			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Short Duration High Yield Bond	\$119,511	2.6%	1.4%	6.6%	5.9%	4.3%	3.9%	3.9%	Sep-14
<i>BofA ML - U.S. HY Cash Pay 1-3 Yr BB</i>			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Sep-14
Severance Cash	\$3,195,335	69.9%	0.4%	1.6%	2.0%	1.3%	0.8%	0.6%	Jan-13

Note: Allocations are based on data from the PNC custody statements.

UFCW and FELRA Severance Fund
Master Consulting Services Report as of September 30, 2019

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Investment Grade Fixed Income	\$1,257,917	27.5%	65.0%	10.0% - 80.0%	-37.5%	-\$1,714,379
Short Duration High Yield	\$119,511	2.6%	30.0%	15.0% - 60.0%	-27.4%	-\$1,252,318
Cash	\$3,195,335	69.9%	5.0%	0.0% - 40.0%	64.9%	\$2,966,697
Total	\$4,572,763	100.0%	100.0%			

- Due to the timing and size of the contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

UFCW and FELRA Severance Fund - Asset Allocation & Portfolio Activity

- In January 2018, \$500k transferred from SBH (\$325k) and Chartwell (\$175k) for cash needs.
- In February 2018, \$2.09M transferred from cash to SBH (\$1.43M) and Chartwell (\$660k) for rebalancing.
- In July 2018, \$200k transferred from SBH (\$136k) and Chartwell (\$64k) for cash needs.
- In September 2018, \$700k transferred from SBH (\$476k), Chartwell (\$210k) and HFoF/cash (\$14k) for cash needs.
- In October 2018, \$600k transferred from SBH (\$360k) and Chartwell (\$240k) for cash needs.
- In November 2018, \$250k transferred from SBH (\$187.5k) and Chartwell (\$62.5k) for cash needs.
- In June 2019, \$1.0M cash transferred to SBH for rebalancing.
- In August 2019, \$100k transferred from SBH for cash needs.

Recommendations: Based on projections of cash needs as determined by the Fund Administrator, rebalance closer to Policy by transferring cash to short duration high yield (Chartwell).

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UFCW and FELRA Scholarship Fund
Master Consulting Services Report as of September 30, 2019

Total Fund Growth of Assets

	Third Quarter	Fiscal Year-To-Date	One Year	Three Years	Five Years
Beginning Market Value	\$154,210	\$170,840	\$179,495	\$294,750	\$434,338
Net Cash Flow	-\$26,801	-\$50,487	-\$59,733	-\$194,235	-\$361,691
Net Investment Change	\$1,754	\$8,810	\$9,401	\$28,648	\$56,515
Ending Market Value	\$129,163	\$129,163	\$129,163	\$129,163	\$129,163

Ending September 30, 2019

	Market Value	% of Portfolio	2019 Q3	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	Inception	Inception Date
Total Scholarship Fund	\$129,163	100.0%	1.2%	5.9%	6.3%	4.8%	4.5%	6.4%	Jan-13
Domestic Equity	\$9,811	7.6%	1.1%	19.9%	2.9%	12.8%	9.8%	12.3%	Jan-13
<i>CRSP US Total Market TR USD</i>			1.1%	20.0%	2.9%	12.8%	10.4%	13.5%	Jan-13
<i>S&P 500</i>			1.7%	20.6%	4.3%	13.4%	10.8%	13.8%	Jan-13
Core Bond	\$41,236	31.9%	1.5%	6.3%	8.1%	2.6%	2.9%	2.8%	Jan-13
<i>Custom Benchmark</i>			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Short Duration High Yield Bond	\$23,948	18.5%	1.4%	6.6%	5.9%	4.4%	--	3.8%	Nov-14
<i>BofA ML - U.S. HY Cash Pay 1-3 Yr BB</i>			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Nov-14
Real Estate	\$49,164	38.1%	1.2%	4.4%	6.4%	7.1%	8.7%	9.3%	Jan-13
<i>NCREIF ODCE Equal Weighted Net</i>			1.2%	3.8%	5.3%	6.7%	8.7%	9.5%	Jan-13
Scholarship Cash	\$5,004	3.9%	0.7%	1.5%	2.1%	1.2%	0.7%	0.6%	Jan-13

Note: Allocations are based on data from the PNC custody statements.

UFCW and FELRA Scholarship Fund
Master Consulting Services Report as of September 30, 2019

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Domestic Large Cap Equity	\$9,811	7.6%	10.0%	2.5% - 20.0%	-2.4%	-\$3,106
Investment Grade Fixed Income	\$41,236	31.9%	40.0%	20.0% - 80.0%	-8.1%	-\$10,429
Short Duration High Yield	\$23,948	18.5%	30.0%	5.0% - 60.0%	-11.5%	-\$14,800
Real Estate	\$49,164	38.1%	20.0%	0.0% - 40.0%	18.1%	\$23,331
Cash	\$5,004	3.9%	--	--	3.9%	\$5,004
Total	\$129,163	100.0%	100.0%			

- Due to the timing and size of the contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

UFCW and FELRA Scholarship Fund - Asset Allocation & Portfolio Activity

- In May 2018, \$25k transferred from SBH (\$12k), Chartwell (\$10.5k) and Vanguard (\$2.5k) for cash needs.
- A redemption from ARA was submitted effective June 30, 2018 in the amount of \$40k. The proceeds were received and transferred to SBH on July 2, 2019 for rebalancing.
- In July 2018, \$20k transferred from SBH (\$10k), Chartwell (\$8k) and Vanguard (\$2k) for cash needs.
- In November 2018, \$5k transferred from SBH for cash needs.
- In January 2019, \$4k transferred from SBH for cash needs.
- In February 2019, \$10k transferred from SBH for cash needs.
- In May 2019, \$20k transferred from SBH (\$13k) and Chartwell (\$7k) for cash needs.
- In June 2019, \$15k transferred from SBH (\$9.75k) and Chartwell (\$5.25k) for cash needs.

Recommendations: Based on projections of cash needs as determined by the Fund Administrator, rebalance closer to Policy by transferring cash to investment grade fixed income (SBH) and short duration high yield (Chartwell).

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UFCW and FELRA Legal Benefits Fund
Master Consulting Services Report as of September 30, 2019

Total Fund Growth of Assets					
	Third Quarter	Fiscal Year-To-Date	One Year	Three Years	Five Years
Beginning Market Value	\$449,313	\$450,617	\$448,967	\$598,545	\$501,366
Net Cash Flow	-\$14,655	-\$29,793	-\$32,941	-\$185,577	-\$104,817
Net Investment Change	\$5,201	\$19,036	\$23,833	\$26,891	\$43,310
Ending Market Value	\$439,859	\$439,859	\$439,859	\$439,859	\$439,859

Ending September 30, 2019									
	Market Value	% of Portfolio	2019 Q3	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	Inception	Inception Date
Total Legal Fund	\$439,859	100.0%	1.5%	4.3%	5.4%	2.2%	1.9%	1.5%	Jan-13
Core Bond	\$307,705	70.0%	1.5%	6.4%	8.2%	2.7%	2.9%	2.8%	Jan-13
Custom Benchmark			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Legal Cash	\$132,154	30.0%	0.7%	1.4%	1.8%	1.0%	0.6%	0.5%	Jan-13

Note: Allocations are based on data from the PNC custody statements.

UFCW and FELRA Legal Benefits Fund
Master Consulting Services Report as of September 30, 2019

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Investment Grade Fixed Income	\$307,705	70.0%	100.0%	30.0% - 100.0%	-30.0%	-\$132,154
Cash	\$132,154	30.0%	--	--	30.0%	\$132,154
Total	\$439,859	100.0%	100.0%			

- Due to the timing and size of the contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

UFCW and FELRA Legal Fund - Asset Allocation & Portfolio Activity

- In June 2019, \$185k transferred from cash to SBH for rebalancing.
- In August 2019, \$125k transferred from SBH for cash needs.

Recommendations: Based on projections of cash needs as determined by the Fund Administrator, rebalance closer to Policy by transferring cash to investment grade fixed income (SBH).

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FELRA and UFCW Benefit Funds

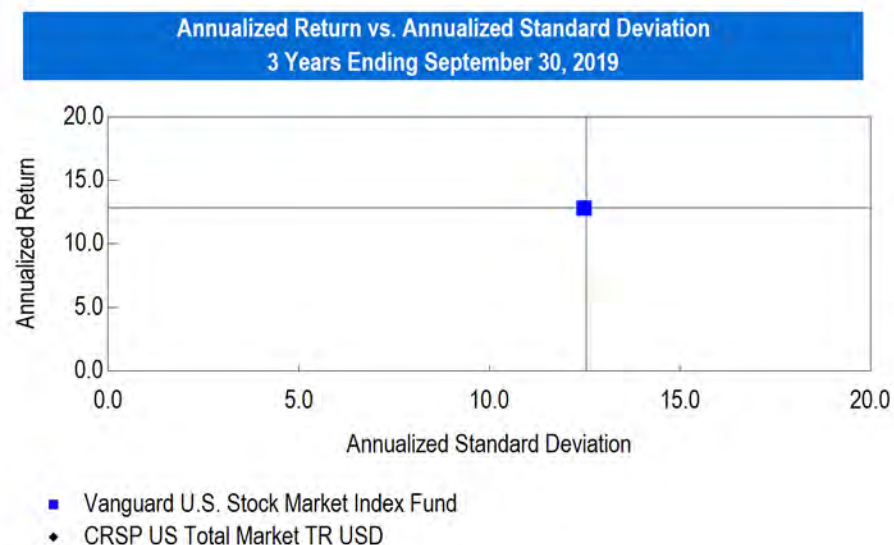
Master Consulting Services Report as of September 30, 2019

Performance Detail (Gross of Fees) - Annualized

	Market Value	% of Portfolio	Ending September 30, 2019						
			2019 Q3	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	Inception	Inception Date
Total Fund	\$34,538,748	100.0%	1.0%	4.8%	4.2%	4.5%	4.2%	4.4%	Jan-13
Total Domestic Equity	\$5,559,592	16.1%	1.1%	19.9%	2.9%	12.8%	9.7%	12.4%	Jan-13
CRSP US Total Market TR USD			1.1%	20.0%	2.9%	12.8%	10.4%	13.5%	Jan-13
S&P 500			1.7%	20.6%	4.3%	13.4%	10.8%	13.8%	Jan-13
Vanguard U.S. Stock Market Index Fund	\$5,559,592	16.1%	1.1%	19.9%	2.9%	12.8%	--	10.0%	Nov-14
CRSP US Total Market TR USD			1.1%	20.0%	2.9%	12.8%	--	10.0%	Nov-14
Total Investment Grade Fixed Income	\$12,853,524	37.2%	1.5%	6.3%	8.2%	2.6%	2.9%	2.8%	Jan-13
Custom Benchmark			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Segall, Bryant and Hamill	\$12,853,524	37.2%	1.5%	6.3%	8.2%	2.6%	2.9%	2.8%	Jan-13
Custom Benchmark			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Total Short Duration High Yield Fixed Income	\$4,528,965	13.1%	1.4%	6.6%	5.9%	4.4%	3.9%	3.9%	Sep-14
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Sep-14
Chartwell Investment Partners Short Duration High Yield	\$4,528,965	13.1%	1.4%	6.6%	5.9%	4.4%	3.9%	3.9%	Sep-14
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Sep-14
Total Real Estate	\$2,583,792	7.5%	1.2%	4.4%	6.4%	7.1%	8.7%	9.4%	Jan-13
NCREIF ODCE Equal Weighted Net			1.2%	3.8%	5.3%	6.7%	8.7%	9.5%	Jan-13
American Realty Advisors	\$2,583,792	7.5%	1.2%	4.4%	6.4%	7.1%	8.7%	9.4%	Jan-13
NCREIF ODCE Equal Weighted Net			1.2%	3.8%	5.3%	6.7%	8.7%	9.5%	Jan-13
Total Cash	\$9,012,875	26.1%	0.4%	1.5%	1.9%	1.4%	0.9%	0.7%	Jan-13
VEBA Cash	\$5,680,382	16.4%	0.5%	1.5%	2.0%	1.4%	0.9%	0.7%	Jan-13
Severance Cash	\$3,195,335	9.3%	0.4%	1.6%	2.0%	1.3%	0.8%	0.6%	Jan-13
Scholarship Cash	\$5,004	0.0%	0.7%	1.5%	2.1%	1.2%	0.7%	0.6%	Jan-13
Legal Cash	\$132,154	0.4%	0.7%	1.4%	1.8%	1.0%	0.6%	0.5%	Jan-13

Account Information	
Account Name	Vanguard U.S. Stock Market Index Fund
Account Structure	Mutual Fund
Investment Style	Passive
Inception Date	11/01/14
Account Type	Equity
Benchmark	CRSP US Total Market TR USD
Universe	

Vanguard U.S. Stock Market Index Fund		
September 30, 2019		
	Third Quarter	Inception 11/1/14
Beginning Market Value	\$5,499,821	--
Net Cash Flow	\$0	\$1,494,570
Net Investment Change	\$59,771	\$4,065,023
Ending Market Value	\$5,559,592	\$5,559,592



3 Years Ending September 30, 2019				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Vanguard U.S. Stock Market Index Fund	12.8%	12.5%	99.7%	99.6%
CRSP US Total Market TR USD	12.8%	12.5%	100.0%	100.0%

	Calendar Years											Inception Date
	2019 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2018	2017	2016	2015	2014	Inception	
Vanguard U.S. Stock Market Index Fund	1.1%	19.9%	2.9%	12.8%	--	-5.1%	21.2%	12.7%	0.4%	--	10.0%	Nov-14
CRSP US Total Market TR USD	1.1%	20.0%	2.9%	12.8%	--	-5.2%	21.2%	12.7%	0.4%	--	10.0%	Nov-14

Note: Returns are gross of fees.

FELRA & UFCW Benefit Funds - Vanguard U.S. Stock Market Index Fund

Manager Summary

Recommendation: None.

Compliance Summary

Mutual Fund not monitored for compliance by Investment Performance Services.

Account Information	
Account Name	Segall, Bryant and Hamill
Account Structure	Separate Account
Investment Style	Active
Inception Date	1/01/13
Account Type	US Fixed Income
Benchmark	Custom Benchmark
Universe	

Segall, Bryant and Hamill

September 30, 2019

Third Quarter

Inception
1/1/13

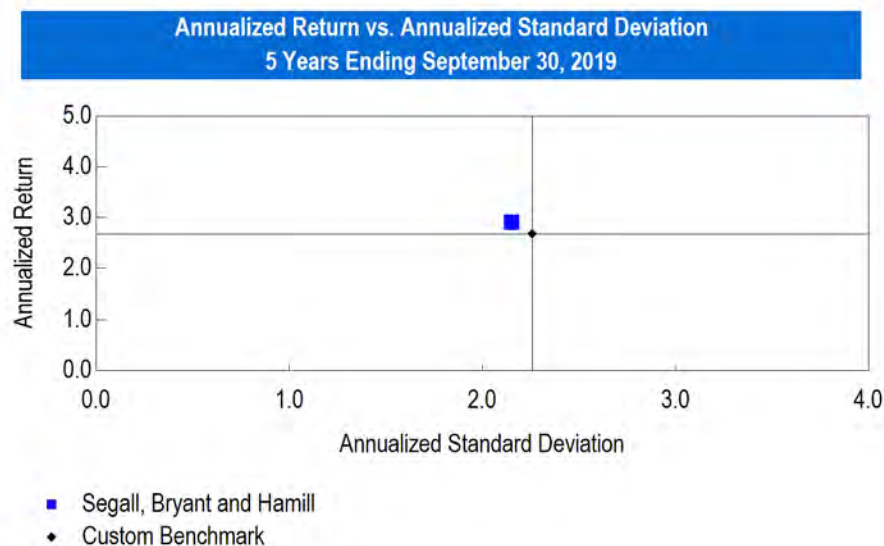
Beginning Market Value	\$12,887,023	\$11,361,650
Net Cash Flow	-\$225,000	-\$764,351
Net Investment Change	\$191,501	\$2,256,224
Ending Market Value	\$12,853,524	\$12,853,524

3 Years Ending September 30, 2019

	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Segall, Bryant and Hamill	2.6%	2.3%	99.6%	88.5%
Custom Benchmark	2.4%	2.4%	100.0%	100.0%

5 Years Ending September 30, 2019

	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Segall, Bryant and Hamill	2.9%	2.2%	99.1%	85.9%
Custom Benchmark	2.7%	2.3%	100.0%	100.0%



Calendar Years

	2019 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2018	2017	2016	2015	2014	Inception	Inception Date
Segall, Bryant and Hamill	1.5%	6.3%	8.2%	2.6%	2.9%	1.3%	2.4%	2.2%	1.3%	5.9%	2.8%	Jan-13
Custom Benchmark	1.4%	6.4%	8.2%	2.4%	2.7%	0.9%	2.1%	2.1%	1.1%	5.2%	2.3%	Jan-13

Note: Returns are gross of fees.

FELRA & UFCW Benefit Funds - Segall Bryant and Hamill

Manager Summary

- IPS conducted due diligence meetings with Segall Bryant and Hamill on June 7, 2017, June 20, 2017, August 28, 2018, January 11, 2019 and April 24, 2019.

Recommendation: None.

Compliance Summary

Exception #1: Investment Objectives and Guidelines states: Fixed income securities must be rated at least BBB-/Baa3/BBB- or higher by Fitch, Moody's or Standard & Poor's. If a security is rated by all three agencies, two of the agencies must rate the security BBB- or Baa3 or above at the time of purchase. If only two of the rating agencies rate a security, the lower rating applies. If only one of the rating agencies rates a security, that rating will apply. If a security's rating falls below BBB-/Baa3/BBB-, the fixed income manager will immediately notify the trustees in writing of the event and describe its plan for dealing with the security. Should the manager decide to continue to hold the downgraded issue, the manager will report to the Trustees no less than quarterly in writing as to the status of the security and keep the Trustees fully informed of the improvement/deterioration of the valuation as well as to any change in their recommendation.

Four inherited bonds held as of 9/30/2019 are currently below investment grade with a total market value of \$31,395 (0.24% of the portfolio).

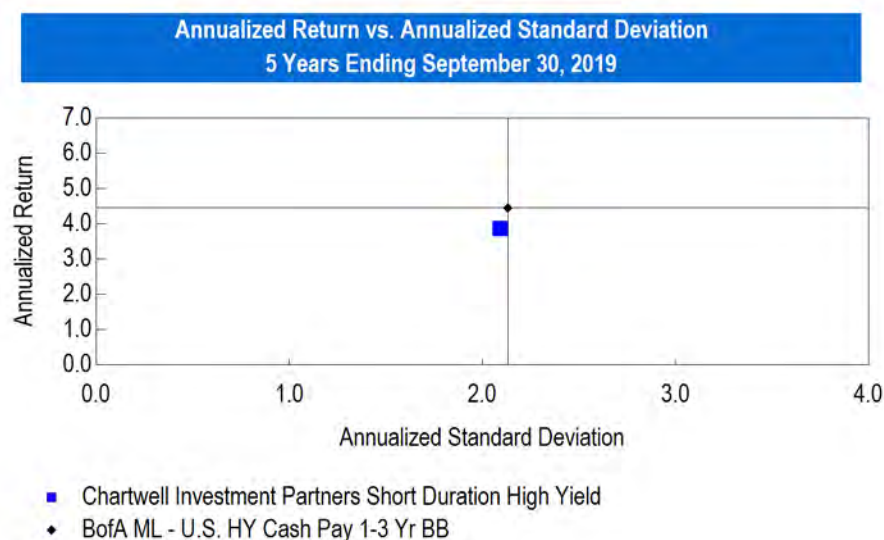
Manager Response Summary: The manager provided a table with the inherited bonds that are currently below investment grade and in default in 3Q19 checklist. The manager stated Countrywide Home Loans and GMAC Mortgage CORP Loan are currently being monitored for sale and have not received an adequate bid. Twin Reefs Pass-Through securities are in strategic reorganization and the status of securities is uncertain. The manager noted they have received DPS 144 A Washington Mutual stock from Washington Mutual Series 2006-AR8 class 1A5 5.942% due 08/25/2046 out of escrow and have sold the shares. The manager noted they may receive additional shares. The manager noted that eight bonds have paid down and are no longer in the manager's portfolio. SBH has contacted the custodian who stated the bonds have fully paid down, however DTC has not received notice of a final pay down. This is typical when the underlying company intends to make future cash distributions. Fractional units are left as current face to keep the accounts from "falling off" as holder of the bonds. See Compliance Report for the table with responses from manager regarding sale details.

Action to be taken: Based on the follow-up information and comments provided by the manager, no action is required.

Items of Interest: Form ADV Changes - The manager stated there have been no significant changes to the ADV.

Account Information	
Account Name	Chartwell Investment Partners Short Duration High Yield
Account Structure	Separate Account
Investment Style	Active
Inception Date	9/30/14
Account Type	US Fixed Income High Yield
Benchmark	BofA ML - U.S. HY Cash Pay 1-3 Yr BB
Universe	

Chartwell Investment Partners Short Duration High Yield		
September 30, 2019		
	Third Quarter	Inception 9/30/14
Beginning Market Value	\$4,467,192	--
Net Cash Flow	\$0	\$3,258,227
Net Investment Change	\$61,773	\$1,270,738
Ending Market Value	\$4,528,965	\$4,528,965



3 Years Ending September 30, 2019				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Chartwell Investment Partners Short Duration High Yield	4.4%	1.7%	98.4%	77.4%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB	4.3%	1.7%	100.0%	100.0%

5 Years Ending September 30, 2019				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Chartwell Investment Partners Short Duration High Yield	3.9%	2.1%	89.5%	104.0%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB	4.4%	2.1%	100.0%	100.0%

	Calendar Years										Inception	Inception Date
	2019 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2018	2017	2016	2015	2014		
Chartwell Investment Partners Short Duration High Yield	1.4%	6.6%	5.9%	4.4%	3.9%	1.2%	4.2%	7.2%	-0.3%	--	3.9%	Sep-14
BofA ML - U.S. HY Cash Pay 1-3 Yr BB	1.5%	7.1%	6.3%	4.3%	4.4%	1.4%	3.6%	8.5%	1.2%	--	4.4%	Sep-14

Note: Returns are gross of fees.

FELRA & UFCW Benefit Funds - Chartwell Investment Partners Short Duration High Yield

Manager Summary

- IPS conducted due diligence meetings with Chartwell on March 22, 2017, October 8, 2018, January 7, 2019 and August 29, 2019.
- On January 25, 2018, Chartwell announced their planned acquisition of the public equity and fixed income businesses of Columbia Partners, an investment management firm based in Chevy Chase, MD. While a consent to assignment was required on the part of Columbia Partners' clients, no action is required on the part of Chartwell clients. The transaction closed on April 9, 2018.

Recommendation: None.

Compliance Summary

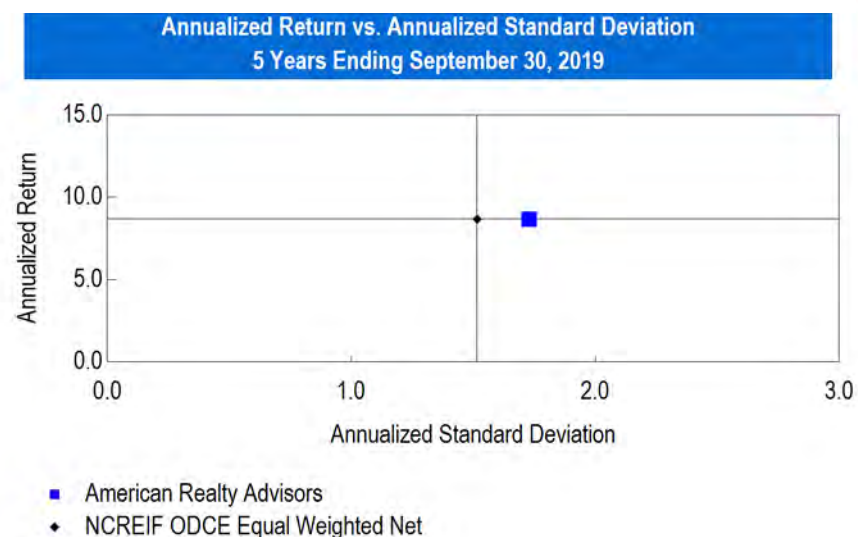
Exceptions: None.

Action to be taken: None.

Items of Interest: Personnel Departures - The manager stated during the 3rd Quarter of 2019, Gretchen Regan, Quantitative Analyst, left Chartwell due to the reorganization of the quantitative support group. Also, in the 3rd Quarter of 2019, Stephen Elliker, Senior Portfolio Analyst - Large Cap Value, and Peter Toscani, Portfolio Analyst - Berywn Income Fund, left Chartwell as part of an investment team reorganization. **Form ADV Changes** - The manager reported on July 1st, 2019, Michael Magee, COO of the Retail Division, was promoted to COO of the firm while Greg Hagar, formerly CFO & COO, began a new hybrid role of CFO for the firm and Senior Vice President of Finance for an affiliate, Tristate Capital Bank. This material change reflects the addition of Mike Magee to the firm's executive officers and does not indicate any change in the firm's operation or policies and procedures.

Account Information	
Account Name	American Realty Advisors
Account Structure	Commingled Fund
Investment Style	Active
Inception Date	1/01/13
Account Type	Real Estate
Benchmark	NCREIF ODCE Equal Weighted Net
Universe	

Income is reinvested.



American Realty Advisors September 30, 2019		
	Third Quarter	Inception 1/1/13
Beginning Market Value	\$2,551,981	\$2,993,032
Net Cash Flow	\$0	-\$2,500,000
Net Investment Change	\$31,811	\$2,090,760
Ending Market Value	\$2,583,792	\$2,583,792

3 Years Ending September 30, 2019				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
American Realty Advisors	7.1%	1.0%	106.1%	--
NCREIF ODCE Equal Weighted Net	6.7%	0.6%	100.0%	--

5 Years Ending September 30, 2019				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
American Realty Advisors	8.7%	1.7%	99.7%	--
NCREIF ODCE Equal Weighted Net	8.7%	1.5%	100.0%	--

	Calendar Years											Inception Date
	2019 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2018	2017	2016	2015	2014	Inception	
American Realty Advisors	1.2%	4.4%	6.4%	7.1%	8.7%	7.6%	7.6%	7.8%	12.7%	11.6%	9.4%	Jan-13
NCREIF ODCE Equal Weighted Net	1.2%	3.8%	5.3%	6.7%	8.7%	7.3%	6.9%	8.3%	14.2%	11.4%	9.5%	Jan-13

Note: Returns are gross of fees.

Note: Information on PNC statements lag one quarter.

FELRA & UFCW Benefit Funds - American Realty Advisors

Manager Summary

- IPS conducted due diligence meetings with American Realty Advisors on June 21, 2017, June 4, 2018 and August 19, 2019.

Recommendation: None.

Compliance Summary

Manager verified that the portfolio is currently, and has been during the past quarter, in compliance with the firm's commingled investment vehicle investment guidelines and/or offering document governing the management of the investment. With respect to the portfolio(s) under management, manager acknowledges sole fiduciary responsibility under ERISA for adherence with the commingled investment vehicle and /or offering document guidelines.

Items of Interest: None.

Investment Policy Statement

- The current investment policy statement was adopted June 4, 2015.

Custody Bank

- The current custodian is PNC Bank.

Commingled Funds

- Commingled Fund: Due to the commingled fund structure, IPS does not monitor the holdings within the commingled fund for compliance with the client's investment policy statement. The commingled fund is governed by its own investment policy.



**FELRA and UFCW Benefit Funds
VEBA, Severance, Scholarship and Legal Funds**

Appendix

FELRA and UFCW Benefit Funds

Master Consulting Services Report as of September 30, 2019

Performance Detail (Net of Fees) - Annualized

	Market Value	% of Portfolio	Ending September 30, 2019						
			2019 Q3	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	Inception	Inception Date
Total Fund	\$34,538,748	100.0%	0.9%	4.7%	4.1%	4.4%	4.0%	4.2%	Jan-13
Total Domestic Equity	\$5,559,592	16.1%	1.1%	19.9%	2.9%	12.8%	9.7%	12.1%	Jan-13
CRSP US Total Market TR USD			1.1%	20.0%	2.9%	12.8%	10.4%	13.5%	Jan-13
S&P 500			1.7%	20.6%	4.3%	13.4%	10.8%	13.8%	Jan-13
Vanguard U.S. Stock Market Index Fund	\$5,559,592	16.1%	1.1%	19.9%	2.9%	12.8%	--	10.0%	Nov-14
CRSP US Total Market TR USD			1.1%	20.0%	2.9%	12.8%	--	10.0%	Nov-14
Total Investment Grade Fixed Income	\$12,853,524	37.2%	1.4%	6.2%	7.9%	2.4%	2.7%	2.6%	Jan-13
Custom Benchmark			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Segall, Bryant and Hamill	\$12,853,524	37.2%	1.4%	6.2%	7.9%	2.4%	2.7%	2.6%	Jan-13
Custom Benchmark			1.4%	6.4%	8.2%	2.4%	2.7%	2.3%	Jan-13
Total Short Duration High Yield Fixed Income	\$4,528,965	13.1%	1.3%	6.2%	5.4%	3.9%	3.4%	3.4%	Sep-14
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Sep-14
Chartwell Investment Partners Short Duration High Yield	\$4,528,965	13.1%	1.3%	6.2%	5.4%	3.9%	3.4%	3.4%	Sep-14
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			1.5%	7.1%	6.3%	4.3%	4.4%	4.4%	Sep-14
Total Real Estate	\$2,583,792	7.5%	1.2%	4.4%	6.4%	7.1%	8.7%	9.2%	Jan-13
NCREIF ODCE Equal Weighted Net			1.2%	3.8%	5.3%	6.7%	8.7%	9.5%	Jan-13
American Realty Advisors	\$2,583,792	7.5%	1.2%	4.4%	6.4%	7.1%	8.7%	9.2%	Jan-13
NCREIF ODCE Equal Weighted Net			1.2%	3.8%	5.3%	6.7%	8.7%	9.5%	Jan-13
Total Cash	\$9,012,875	26.1%	0.4%	1.5%	1.9%	1.4%	0.9%	0.7%	Jan-13
VEBA Cash	\$5,680,382	16.4%	0.5%	1.5%	2.0%	1.4%	0.9%	0.7%	Jan-13
Severance Cash	\$3,195,335	9.3%	0.4%	1.6%	2.0%	1.3%	0.8%	0.6%	Jan-13
Scholarship Cash	\$5,004	0.0%	0.7%	1.5%	2.1%	1.2%	0.7%	0.6%	Jan-13
Legal Cash	\$132,154	0.4%	0.7%	1.4%	1.8%	1.0%	0.6%	0.5%	Jan-13

Benchmark History

Segall, Bryant and Hamill

9/1/2014	Present	BBgBarc US Govt/Credit Int TR 100%
1/1/2013	8/31/2014	BBgBarc US Aggregate TR 100%

Index Disclosure

- NCREIF ODCE Equal Weighted Net Index - During 4Q2018 the real estate benchmark was changed from NCREIF ODCE Equal Weighted Index to NCREIF ODCE Equal Weighted Net Index for all historical time periods since inception.

Footnotes

- Values, flows and returns for all commingled funds, mutual funds, partnerships, and all other alternative assets are provided by the firm managing the assets and cannot be verified by IPS.
- The net of fees returns in this report are estimated. Fees do not include: the investment consulting fee paid to IPS, investment manager incentive fees, custodian fees, or other administrative costs

EPIC

April 30 - May 3, 2019

The following investment managers and providers attended and helped to defray the cost of IPS' annual conference EPIC. EPIC is an educational conference addressing various issues related to employee benefit plans. IPS does not give preferential treatment to investment managers or any other provider that pays to attend EPIC.

Aberdeen Standard Investments	Glouston Capital Partners	Patriot Financial Partners
Amalgamated Bank of Chicago	GoldenTree Asset Management	PENN Capital Management
American Realty Advisors	Great Lakes Advisors	Piedmont Investment Advisors
ASB Real Estate Investments	Hamilton Lane Advisors	PNC Capital Advisors
Atlanta Capital Management	HarbourVest Partners	Post Advisory Group
BlackRock Financial Management	Hardman Johnston Global Advisors	Quantitative Management Associates
BNY Mellon Asset Management (Mellon)	Intercontinental Real Estate Corp.	Quest Investment Management
Boyd Watterson Asset Management	Invesco Advisers, Inc.	Rothschild Asset Management
Brown Advisory	Janus Henderson Investors	Ryan Labs Asset Management
Capital Institutional Services, Inc. (CAPIS)	JP Morgan Asset Management	Segall Bryant & Hamill
Chartwell Investment Partners	Kearney Capital LLC	Sierra Investment Partners
Christenson Investment Partners	Kelson Group	Smith Graham & Co.
Corbin Capital Partners	Lazard Asset Management	Ullico Investment Company
Corry Capital Advisors	Loomis, Sayles & Company	U.S. Bank
Eaton Vance Management	Lord Abbett & Co.	Victory Capital Management
EnTrust Global	LSV Asset Management	Washington Capital Management
First Eagle Investment Mgmt.	MacKay Shields	WEDGE Capital Management
Foundry Partners	McMorgan & Company	Wellington Management Company
Fred Alger Management	MEPT/Bentall Kennedy	Westfield Capital Management
GAMCO Asset Management	National Investment Services	William Blair & Company
GCM Grosvenor	Neuberger Berman	
Gerding Edlen	Nuveen	

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FELRA and UFCW Benefit Funds
VEBA, Severance, Scholarship, and Legal Funds
Preliminary Monthly Performance Analysis
Period Ended
October 31, 2019

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FELRA and UFCW Benefit Funds

Preliminary Monthly Performance Analysis as of October 31, 2019

Total Fund of Growth of Assets

	Last Month	Fiscal Year-To-Date
Beginning Market Value	\$34,538,748	\$31,103,087
Net Cash Flow	\$4,994,003	\$6,712,718
Net Investment Change	\$220,398	\$1,937,344
Ending Market Value	\$39,753,149	\$39,753,149

- The Fund's fiscal year end is December 31st.
- Total assets represent the combined value of the VEBA, Severance, Scholarship and Legal Funds.

FELRA and UFCW Benefit Funds

Preliminary Monthly Performance Analysis as of October 31, 2019

Performance Detail (Gross of Fees)

	Market Value	% of Portfolio	Ending October 31, 2019	
			1 Mo	Fiscal YTD
Total Fund	\$39,753,149	100.0%	0.6%	5.5%
Total Domestic Equity	\$5,676,534	14.3%	2.1%	22.4%
CRSP US Total Market TR USD			2.1%	22.6%
S&P 500			2.2%	23.2%
Vanguard U.S. Stock Market Index Fund	\$5,676,534	14.3%	2.1%	22.4%
CRSP US Total Market TR USD			2.1%	22.6%
Total Investment Grade Fixed Income	\$12,893,990	32.4%	0.3%	6.7%
Custom Benchmark			0.4%	6.8%
Segall, Bryant and Hamill	\$12,893,990	32.4%	0.3%	6.7%
Custom Benchmark			0.4%	6.8%
Total Short Duration High Yield Fixed Income	\$4,540,793	11.4%	0.3%	6.9%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			0.4%	7.5%
Chartwell Investment Partners Short Duration High Yield	\$4,540,793	11.4%	0.3%	6.9%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			0.4%	7.5%
Total Real Estate	\$2,613,779	6.6%	1.2%	5.6%
American Realty Advisors	\$2,613,779	6.6%	1.2%	5.6%

FELRA and UFCW Benefit Funds

Preliminary Monthly Performance Analysis as of October 31, 2019

Performance Detail (Gross of Fees)

	Market Value	% of Portfolio	Ending October 31, 2019	
			1 Mo	Fiscal YTD
Total Cash	\$14,028,054	35.3%	0.2%	1.6%
VEBA Cash	\$11,138,336	28.0%	0.2%	1.7%
Severance Cash	\$2,768,951	7.0%	0.2%	1.7%
Scholarship Cash	\$5,328	0.0%	0.1%	1.6%
Legal Cash	\$115,440	0.3%	0.1%	1.5%

FELRA and UFCW VEBA Fund

Preliminary Monthly Performance Analysis as of October 31, 2019

Total Fund Growth of Assets

	Last Month	Fiscal Year-To-Date
Beginning Market Value	\$29,396,962	\$27,544,017
Net Cash Flow	\$5,446,146	\$5,690,761
Net Investment Change	\$208,330	\$1,816,659
Ending Market Value	\$35,051,438	\$35,051,438

Ending October 31, 2019

	Market Value	% of Portfolio	1 Mo	Fiscal YTD
Total VEBA Fund	\$35,051,438	100.0%	0.7%	5.8%
Domestic Equity	\$5,666,515	16.2%	2.1%	22.4%
<i>CRSP US Total Market TR USD</i>			2.1%	22.6%
Core Bond	\$11,285,584	32.2%	0.3%	6.7%
<i>Custom Benchmark</i>			0.4%	6.8%
Short Duration High Yield Bond	\$4,396,959	12.5%	0.3%	6.9%
<i>BofA ML - U.S. HY Cash Pay 1-3 Yr BB</i>			0.4%	7.5%
Real Estate	\$2,564,044	7.3%	1.2%	5.6%
VEBA Cash	\$11,138,336	31.8%	0.2%	1.7%

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Domestic Large Cap Equity	\$5,666,515	16.2%	20.0%	5.0% - 50.0%	-3.8%	-\$1,343,772
Investment Grade Fixed Income	\$11,285,584	32.2%	35.0%	20.0% - 80.0%	-2.8%	-\$982,419
Short Duration High Yield	\$4,396,959	12.5%	20.0%	10.0% - 40.0%	-7.5%	-\$2,613,329
Real Estate	\$2,564,044	7.3%	20.0%	0.0% - 30.0%	-12.7%	-\$4,446,244
Cash	\$11,138,336	31.8%	5.0%	0.0% - 25.0%	26.8%	\$9,385,764
Total	\$35,051,438	100.0%	100.0%			

- The Policy is effective TBD.
- Due to the timing and size of the contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

UFCW and FELRA Severance Fund
Preliminary Monthly Performance Analysis as of October 31, 2019

Total Fund Growth of Assets		
	Last Month	Fiscal Year-To-Date
Beginning Market Value	\$4,572,763	\$2,937,615
Net Cash Flow	-\$431,628	\$1,122,751
Net Investment Change	\$9,908	\$90,677
Ending Market Value	\$4,151,043	\$4,151,043

Ending October 31, 2019				
	Market Value	% of Portfolio	1 Mo	Fiscal YTD
Total Severance Fund	\$4,151,043	100.0%	0.2%	3.3%
Core Bond	\$1,262,269	30.4%	0.3%	6.6%
<i>Custom Benchmark</i>			0.4%	6.8%
Short Duration High Yield Bond	\$119,823	2.9%	0.3%	6.9%
<i>BofA ML - U.S. HY Cash Pay 1-3 Yr BB</i>			0.4%	7.5%
Severance Cash	\$2,768,951	66.7%	0.2%	1.7%

UFCW and FELRA Severance Fund
Preliminary Monthly Performance Analysis as of October 31, 2019

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Investment Grade Fixed Income	\$1,262,269	30.4%	65.0%	10.0% - 80.0%	-34.6%	-\$1,435,909
Short Duration High Yield	\$119,823	2.9%	30.0%	15.0% - 60.0%	-27.1%	-\$1,125,490
Cash	\$2,768,951	66.7%	5.0%	0.0% - 40.0%	61.7%	\$2,561,399
Total	\$4,151,043	100.0%	100.0%			

- Due to the timing and size of the contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

UFCW and FELRA Scholarship Fund

Preliminary Monthly Performance Analysis as of October 31, 2019

Total Fund Growth of Assets

	Last Month	Fiscal Year-To-Date
Beginning Market Value	\$129,163	\$170,840
Net Cash Flow	-\$3,685	-\$54,172
Net Investment Change	\$977	\$9,787
Ending Market Value	\$126,455	\$126,455

Ending October 31, 2019

	Market Value	% of Portfolio	1 Mo	Fiscal YTD
Total Scholarship Fund	\$126,455	100.0%	0.8%	6.7%
Domestic Equity	\$10,017	7.9%	2.1%	22.4%
<i>CRSP US Total Market TR USD</i>			2.1%	22.6%
<i>S&P 500</i>			2.2%	23.2%
Core Bond	\$37,365	29.5%	0.3%	6.7%
<i>Custom Benchmark</i>			0.4%	6.8%
Short Duration High Yield Bond	\$24,011	19.0%	0.3%	6.9%
<i>BofA ML - U.S. HY Cash Pay 1-3 Yr BB</i>			0.4%	7.5%
Real Estate	\$49,735	39.3%	1.2%	5.6%
Scholarship Cash	\$5,328	4.2%	0.1%	1.6%

- On 10/1/19 sold \$4,000 of Core Bond.

UFCW and FELRA Scholarship Fund
Preliminary Monthly Performance Analysis as of October 31, 2019

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Domestic Large Cap Equity	\$10,017	7.9%	10.0%	2.5% - 20.0%	-2.1%	-\$2,628
Investment Grade Fixed Income	\$37,365	29.5%	40.0%	20.0% - 80.0%	-10.5%	-\$13,217
Short Duration High Yield	\$24,011	19.0%	30.0%	5.0% - 60.0%	-11.0%	-\$13,926
Real Estate	\$49,735	39.3%	20.0%	0.0% - 40.0%	19.3%	\$24,443
Cash	\$5,328	4.2%	--	--	4.2%	\$5,328
Total	\$126,455	100.0%	100.0%			

- Due to the timing and size of the contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

UFCW and FELRA Legal Benefits Fund
Preliminary Monthly Performance Analysis as of October 31, 2019

Total Fund Growth of Assets

	Last Month	Fiscal Year-To-Date
Beginning Market Value	\$439,859	\$450,617
Net Cash Flow	-\$16,830	-\$46,623
Net Investment Change	\$1,180	\$20,215
Ending Market Value	\$424,209	\$424,209

			Ending October 31, 2019	
			1 Mo	Fiscal YTD
	Market Value	% of Portfolio		
Total Legal Fund	\$424,209	100.0%	0.3%	4.6%
Core Bond	\$308,769	72.8%	0.3%	6.7%
Custom Benchmark			0.4%	6.8%
Legal Cash	\$115,440	27.2%	0.1%	1.5%

UFCW and FELRA Legal Benefits Fund
Preliminary Monthly Performance Analysis as of October 31, 2019

Current vs. Policy						
	Current	Current	Policy	Policy Range	Difference	Difference
Investment Grade Fixed Income	\$308,769	72.8%	100.0%	30.0% - 100.0%	-27.2%	-\$115,440
Cash	\$115,440	27.2%	--	--	27.2%	\$115,440
Total	\$424,209	100.0%	100.0%			

- Due to the timing and size of contributions and withdrawals, the Fund's allocations may vary widely from the Policy.

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Glossary of Investment Terminology

Total Return	The annual return on an investment including appreciation, depreciation and income (interest, dividends, net operating income).
Alpha	The excess return (positive or negative) generated by active portfolio management and security selection, relative to a benchmark.
Beta	A historical measure of an investment's volatility relative to the market. The beta of the market is 1.0 (as represented by a benchmark such as the S&P 500 Index). A beta of greater than 1.0 indicates an investment with greater volatility than the benchmark. A beta of less than 1.0 indicates less volatility than the benchmark.
Standard Deviation	Standard deviation is a statistical measurement of the dispersion of a set of data from its mean. The more spread apart the data are, the greater the standard deviation.
Risk	For an investment portfolio, risk is typically defined as the volatility of the returns, as measured by calculating the standard deviation. The risk does not necessarily indicate the risk of loss, but does indicate the risk of inconsistent returns.
Capture Ratio	Calculates how well a manager performs in a rising or falling market as a percentage of a benchmark. In a rising market, a percentage of 100 or better is preferred, and indicates the manager exceeded the benchmark (upside capture ratio). In a falling market, a percentage of less than 100 is preferred, indicating that the manager lost less than the benchmark (downside capture ratio).
Correlation	A statistical measure of how two asset classes perform in relation to each other. Asset classes with a correlation of 1.0 have perfect positive correlation (exactly the same). Assets with perfect negative correlation of -1.0 will perform equally but in opposite directions.
Efficient Frontier	A series of portfolios with the maximum expected return for any level of risk, which is calculated based on assumptions of risk, return and correlation. These portfolios are shown graphically on a risk and return chart, and represent the most efficient tradeoff between risk and return.
Market Cap	The dollar value of a corporation, which is calculated by multiplying the share price and the number of outstanding shares.
Large Cap	Stocks which typically have a market capitalization of \$10 billion or higher.
Mid Cap	Stocks which typically have a market capitalization of \$2 to \$10 billion.
Small Cap	Stocks which typically have a market capitalization of \$2 billion or less.
Geometric Calculation	Geometric Calculations are used when determining an annualized investment return and tends to dampen the effect of very high or very low values. The result is a number that is smaller than (or equal to) the arithmetic average of the values.
Compound Annual Returns	Compound annual returns show the annual investment return, assuming the investment grew at a constant rate, and reflects the impact of the time in the calculation of an investment return.
Return/Risk Ratio	The return/risk ratio is the expected return of an investment divided by the expected standard deviation (risk). When comparing return/risk ratios a higher value is presumed to be better than a lower value
