



FELRA and UFCW Pension Fund

Master Consulting Services Report

**Period Ended
September 30, 2018**

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Market Discussion Points

3Q | 2018



Financial Market Performance

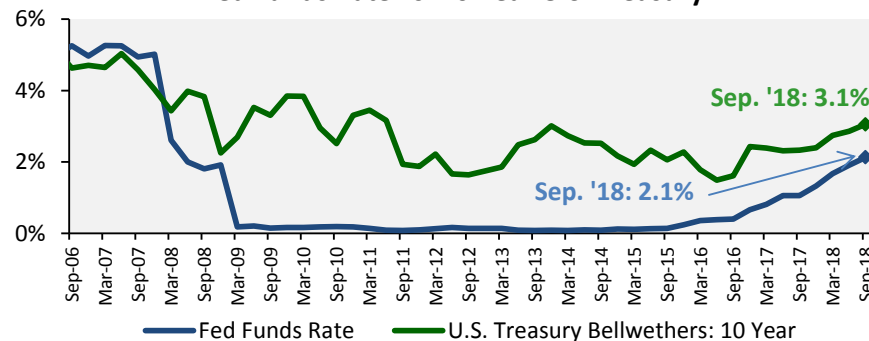
Periods Ending September 30, 2018

Strategy	Sector	Index	QTR	YTD	2017	2016	2015	2014	2013	1-Yr	3-Yr	5-Yr	10-Yr	20-Yr
Stocks	US Large Cap	S&P 500	7.7	10.6	21.8	12.0	1.4	13.7	32.4	17.9	17.3	14.0	12.0	7.4
	US Small Cap	Russell 2000	3.6	11.5	14.7	21.3	-4.4	4.9	38.8	15.2	17.1	11.1	11.1	9.5
	All Country	MSCI All Country World (net)	4.3	3.8	24.0	7.9	-2.4	4.2	22.8	9.8	13.4	8.7	8.2	-
	Non-US Developed	MSCI EAFE (net)	1.4	-1.4	25.0	1.0	-0.8	-4.9	22.8	2.7	9.2	4.4	5.4	5.2
	Emerging Markets	MSCI EM (net)	-1.1	-7.7	37.3	11.2	-14.9	-2.2	-2.6	-0.8	12.4	3.6	5.4	-
	Int'l Small Cap	MSCI EAFE Small Cap (net)	-0.9	-2.2	33.0	2.2	9.6	-5.0	29.3	3.7	12.4	8.0	9.7	-
Bonds	Treasury	Bloomberg Barclays US Govt	-0.6	-1.6	2.3	1.1	0.9	4.9	-2.6	-1.6	0.3	1.3	2.7	4.0
	Broad Market	Bloomberg Barclays Aggregate	0.0	-1.6	3.5	2.7	0.6	6.0	-2.0	-1.2	1.3	2.2	3.8	4.5
	Intermediate	Bloomberg Barclays Gov/Credit Int.	0.2	-0.8	2.1	2.1	1.1	3.1	-0.9	-1.0	0.9	1.5	3.2	4.1
	High Yield	Bloomberg Barclays HY BaB 2% IC	2.3	1.8	6.9	14.1	-2.7	3.5	6.2	2.2	7.1	5.3	8.5	-
	Short Duration HY	BofA ML HY Cash Pay BB 1-3 YR	1.6	2.1	3.6	8.5	1.2	1.9	5.6	2.2	4.7	3.8	7.1	-
	Global Bonds	FTSE WGBI	-1.6	-2.6	7.5	1.6	-3.6	-0.5	-4.0	-1.5	1.7	0.2	2.2	3.8
GTAA	Unconstrained	65% MSCI World /35% FTSE WGBI	2.6	2.7	17.0	5.6	-1.6	3.1	15.1	6.7	9.4	6.2	6.6	5.6
Real Estate	Core	NCREIF ODCE Equal Weighted	2.1	6.5	7.8	9.3	15.2	12.4	13.3	8.7	9.0	10.8	5.4	8.3
Hedge Fund of Funds	Diversified FOFs	HFRI HFOF Composite	0.3	1.0	7.8	0.5	-0.3	3.4	9.0	3.1	3.3	3.2	2.6	4.5
	Equity Long-Short	HFRI Equity Hedge	0.5	1.7	13.3	5.5	-1.0	1.8	14.3	5.1	7.3	5.1	5.2	7.4
Commodities	Commodities	Goldman Sachs Commodity	1.3	11.8	5.8	11.4	-32.9	-33.1	-1.2	22.9	3.2	-10.0	-9.2	0.9

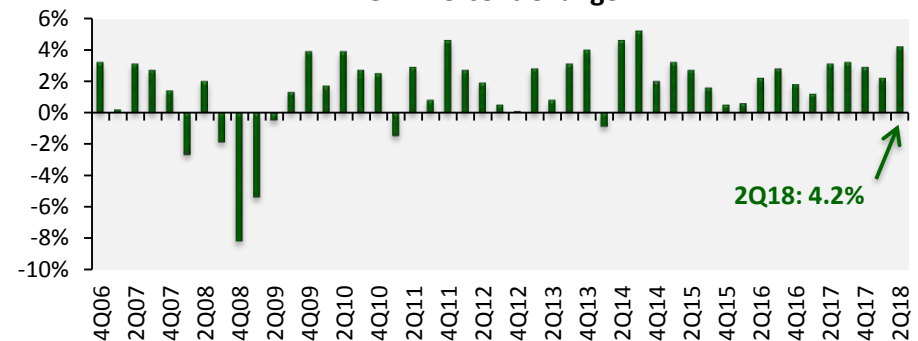
U.S. Economy

The dominant market theme in 2017 was one of synchronized global growth in which most economies across the globe were experiencing accelerating or above trend growth. In 2018, the theme has shifted to a decoupling of the U.S. economy from the rest of the world. U.S. GDP grew at 4.2% in the 2nd quarter and is estimated to have risen 3.6% in the 3rd quarter, representing the best six-month growth level for the U.S. economy since 2014 and far exceeding the Federal Reserve's long-term expected economic growth rate of 1.8%. Conversely, European growth has been negatively impacted by uncertainty around Brexit and the election of a populist candidate in Italy while emerging markets have generally been burdened by a strong U.S. dollar and political turmoil in select countries. In the U.S., the positive impact of fiscal stimulus (tax cuts, fiscal spending, and corporate cash repatriation) have far outweighed any negative impact from the growing trade war with China. The labor market continues to be strong with the unemployment rate declining to 3.7% in the 3rd quarter, the lowest rate since 1969. Annual wage growth also showed signs of life, increasing 2.9%, the most since 2009. Inflation, while still running slightly above the Fed's long-term target of 2%, slowed somewhat to 2.3% in September, down from 2.9% at the end of June. One noteworthy area where the data has not been strong is housing. Housing starts fell more than expected in September as rising mortgage rates and higher home prices have made the market challenging for first time home buyers.

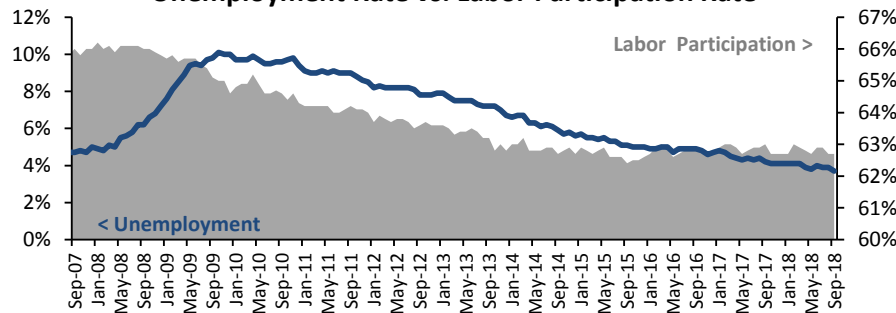
Fed Funds Rate vs. 10-Year U.S. Treasury



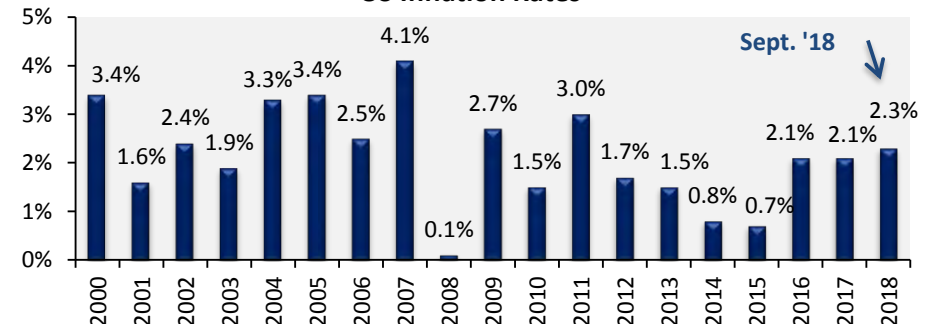
GDP Percent Change



Unemployment Rate vs. Labor Participation Rate



US Inflation Rates

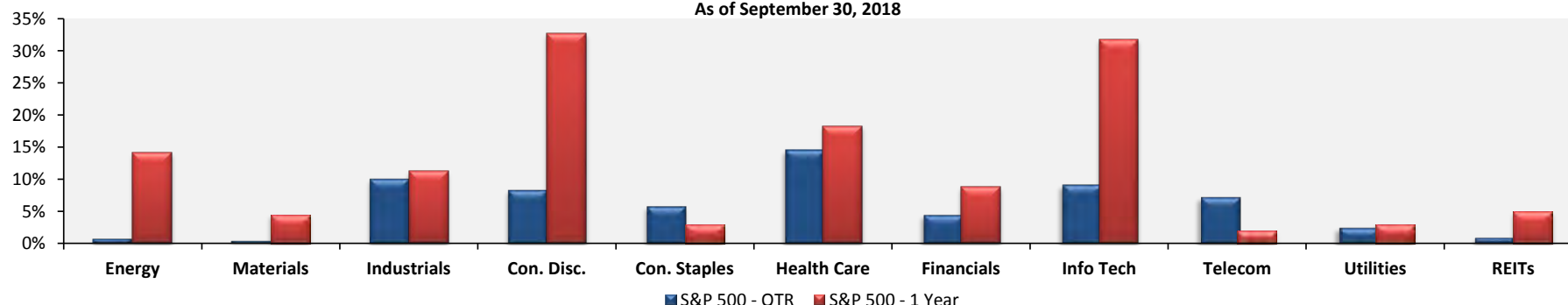


U.S. Equity Market

The third quarter was one of milestones for the U.S. equity market. On August 2nd, Apple became the first company to surpass \$1 trillion in market capitalization. On August 22nd, the bull market, which began in March of 2009, became the longest in history. Robust economic data and earnings growth overshadowed ongoing concerns about an escalating trade war with China. The S&P 500 index was up 7.7% in the third quarter, taking the year to date return to 10.6%. Growth stocks continued to dominate value stocks during the quarter, as the Russell 1000 Growth Index rose 9.2% vs. 5.7% for the Russell 1000 Value Index. The growth index has now outperformed the value index by over 1,300 basis points this year. Small cap stocks underperformed large caps significantly in the third quarter. Small companies on average rely on floating rate debt to a greater degree than large firms, making small caps more susceptible to rising interest rates. For the third quarter, all 11 S&P sectors were positive. Healthcare was the strongest sector for the quarter while Technology and Consumer Discretionary continue to be the best performers for the year. The Energy sector was weak on concerns of the inclusion of U.S. oil in China's tariff targeting. Materials also suffered on trade related concerns. Despite the strong performance, U.S. equity valuations did not increase meaningfully, finishing the quarter at 16.8x on a forward P/E basis compared to 16.1x at the end of the second quarter, which also happens to be the long-term average. S&P 500 earnings grew at 27% for the second consecutive quarter. Importantly, revenues grew at over 10%, showing the increase in earnings was not coming solely from expanding margins. While the strong earnings growth over the past three quarters has propelled U.S. stocks higher, the growth levels will likely prove difficult to sustain going forward, potentially putting pressure on stock prices.

<u>Sector</u>	<u>Index</u>	<u>3Q 18</u>	<u>YTD</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>1-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>10-Year</u>
Large Cap	S&P 500	7.7	10.6	21.8	12.0	1.4	13.7	32.4	17.9	17.3	14.0	12.0
	Russell 1000	7.4	10.5	21.7	12.1	0.9	13.3	33.1	17.8	17.1	13.7	12.1
	Russell 1000 Value	5.7	3.9	13.7	17.3	-3.8	13.5	32.5	9.5	13.6	10.7	9.8
	Russell 1000 Growth	9.2	17.1	30.2	7.1	5.7	13.1	33.5	26.3	20.6	16.6	14.3
Mid Cap	Russell Mid-Cap	5.0	7.5	18.5	13.8	-2.4	13.2	34.8	14.0	14.5	11.7	12.3
	Russell Mid-Cap Value	3.3	3.1	13.3	20.0	-4.8	14.7	33.5	8.8	13.1	10.7	11.3
	Russell Mid-Cap Growth	7.6	13.4	25.3	7.3	-0.2	11.9	35.8	21.1	16.7	13.0	13.5
Small Cap	Russell 2000	3.6	11.5	14.7	21.3	-4.4	4.9	38.8	15.2	17.1	11.1	11.1
	Russell 2000 Value	1.6	7.1	7.8	31.7	-7.5	4.2	34.5	9.3	16.1	9.9	9.5
	Russell 2000 Growth	5.5	15.8	22.2	11.3	-1.4	5.6	43.3	21.1	18.0	12.1	12.7
Total Market	Wilshire 5000	7.3	10.5	21.0	13.4	0.7	12.7	33.1	17.6	17.3	13.6	12.0
	Russell 3000	7.1	10.6	21.1	12.7	0.5	12.6	33.6	17.6	17.1	13.5	12.0

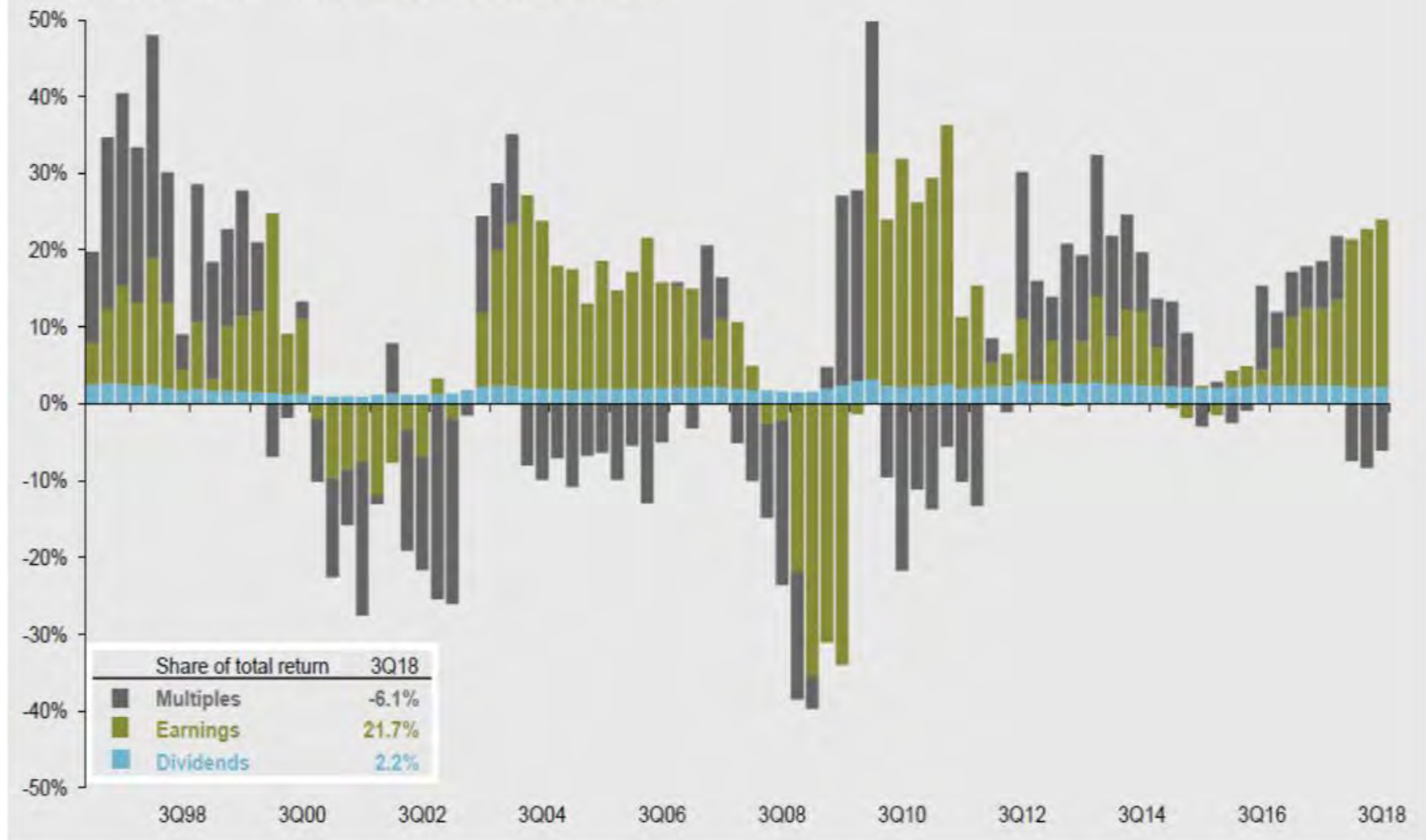
Sector Allocations Performance
As of September 30, 2018



U.S. Equity Market

S&P 500 year-over-year total return

Total return broken into multiples, earnings and dividends, quarterly

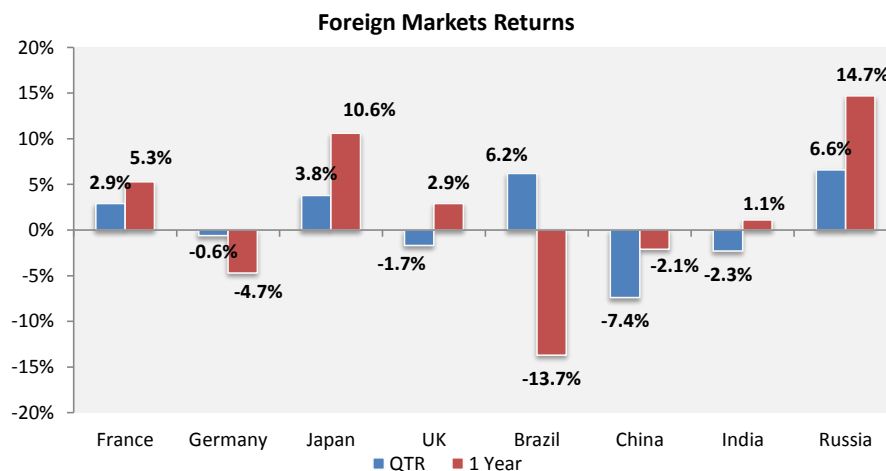
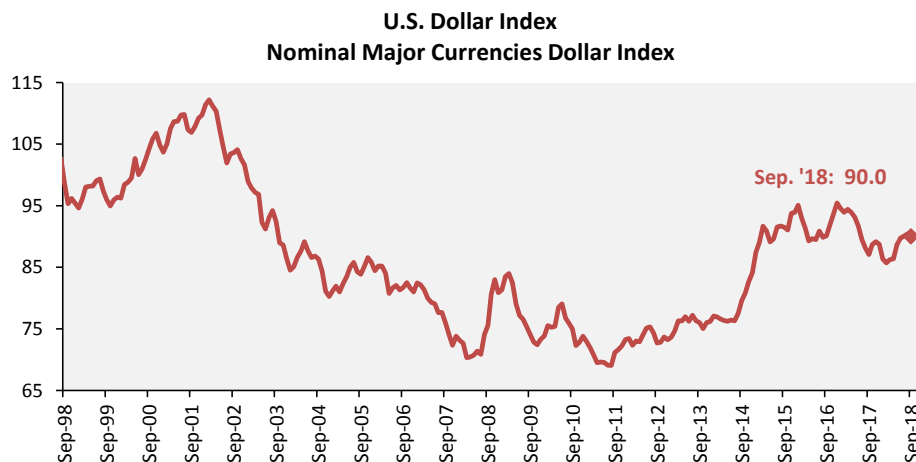


Source: Standard & Poor's, FactSet, J.P. Morgan Asset Management.

International Equity Market

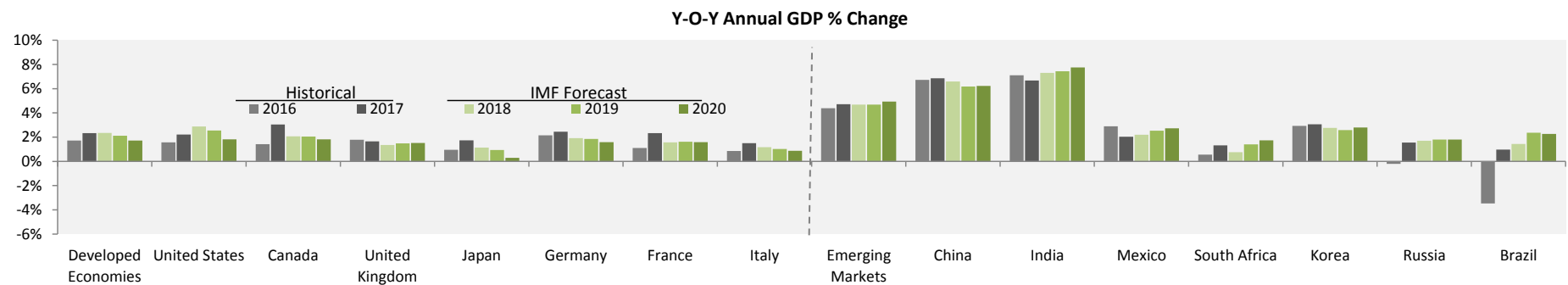
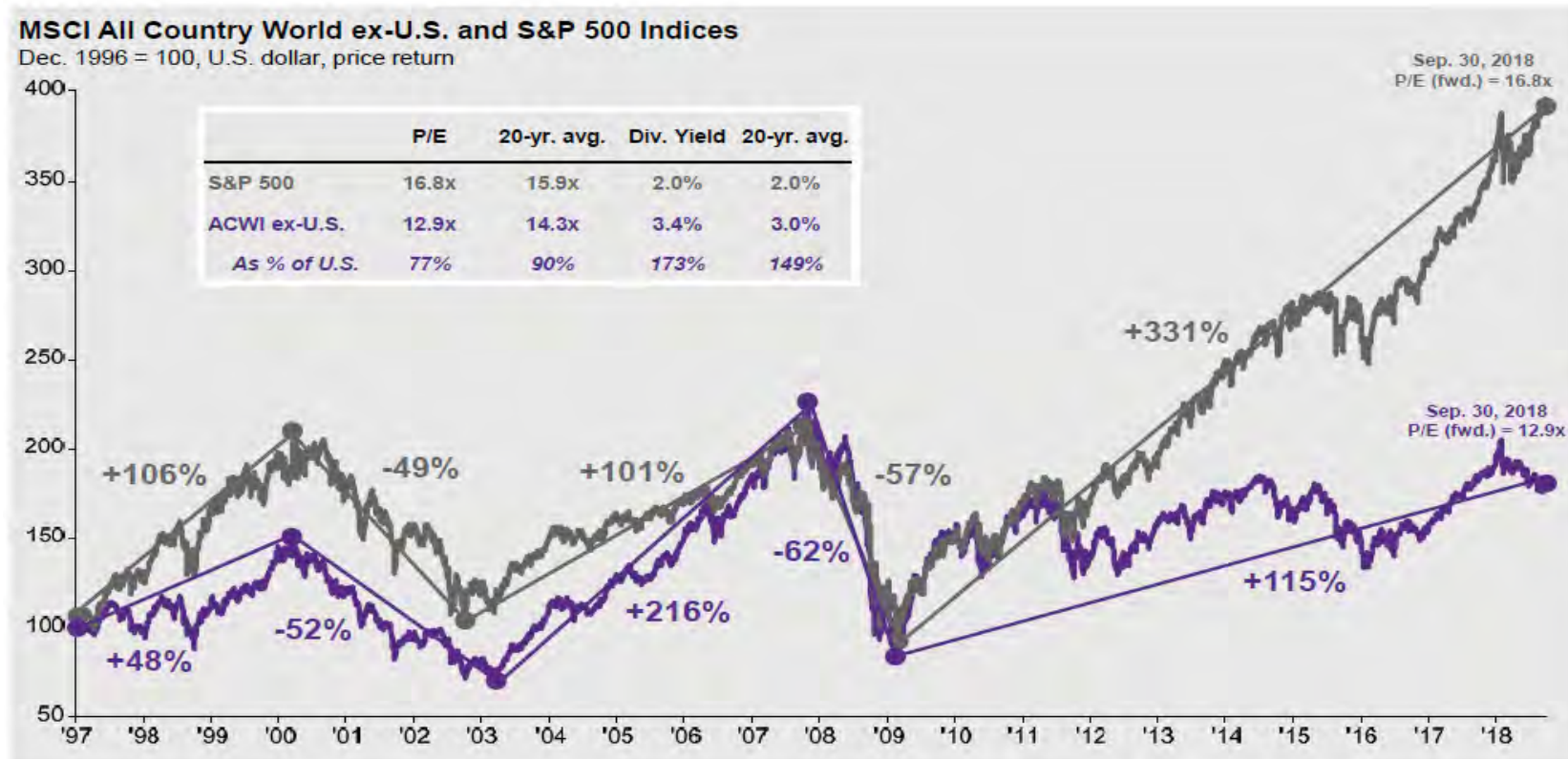
While the MSCI EAFE Index was in positive territory with a return of 1.4% for the third quarter, various factors continue to weigh on developed non-U.S. markets. Uncertainty around the outcome of the Brexit deal remains among the biggest issues facing the market and led to a negative return for U.K. equities for the quarter. Overall, European growth has slowed in 2018, with manufacturing related to exports to China having the largest impact. Conversely, the Japanese market was strong during the quarter as the employment market continues to improve and the decline of the Yen vs. the U.S. Dollar aided returns. Emerging markets underperformed for the quarter as China, the largest segment of the market, was down over 7% on concerns over the escalating trade war with the U.S.

<u>Sector</u>	<u>Index</u>	<u>3Q 18</u>	<u>YTD</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>1-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>10-Year</u>
Global	MSCI AC World Index (net)	4.3	3.8	24.0	7.9	-2.4	4.2	22.8	9.8	13.4	8.7	8.2
	MSCI World Small Cap (net)	1.4	2.8	23.8	11.6	-1.0	1.8	28.7	8.7	14.0	8.9	10.6
	MSCI World ex US (net)	0.7	-3.1	27.2	4.5	-5.7	-3.9	15.3	1.8	10.0	4.1	5.2
	MSCI World ex US Small Cap (net)	-1.5	-4.4	31.6	3.9	2.6	-4.0	19.7	1.9	11.2	6.1	8.7
Developed ex US	MSCI EAFE (net)	1.4	-1.4	25.0	1.0	-0.8	-4.9	22.8	2.7	9.2	4.4	5.4
	MSCI EAFE Value (net)	1.2	-3.5	21.4	5.0	-5.7	-5.4	23.0	-0.4	8.1	3.1	4.5
	MSCI EAFE Growth (net)	1.5	0.6	28.9	-3.0	4.1	-4.4	22.6	5.9	10.3	5.6	6.2
	MSCI EAFE Small Cap (net)	-0.9	-2.2	33.0	2.2	9.6	-5.0	29.3	3.7	12.4	8.0	9.7
Emerging Markets	MSCI Emerging Markets (net)	-1.1	-7.7	37.3	11.2	-14.9	-2.2	-2.6	-0.8	12.4	3.6	5.4



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, 2018.

International Equity Market



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, October 2018.

U.S. Bond Market

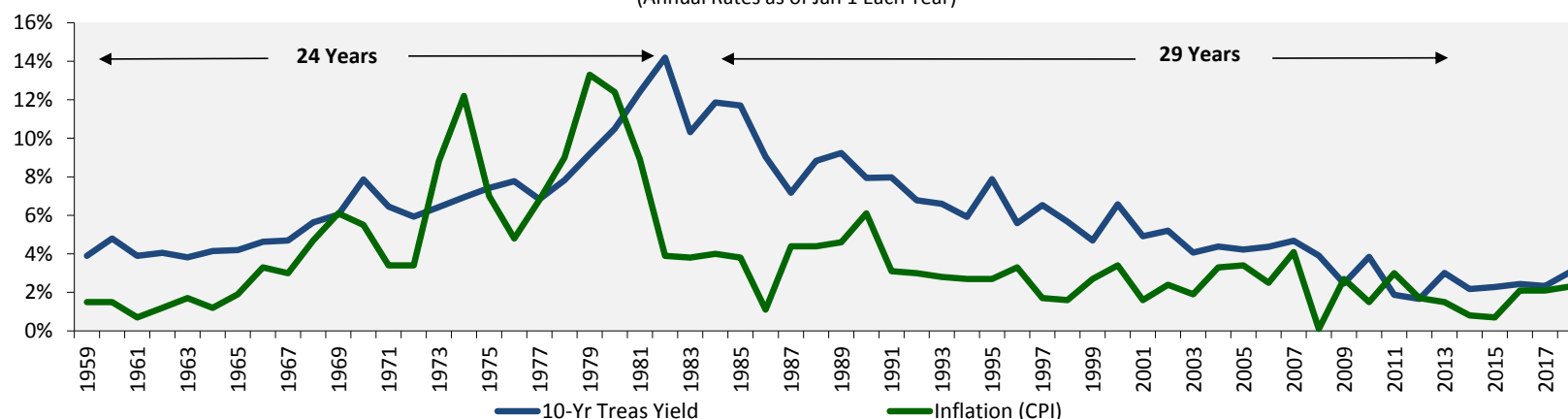
Interest rates moved higher across the yield curve during third quarter. Two-year U.S. Treasury bonds were up 0.29% to 2.81% at the end of September while ten-year U.S. Treasury bonds rose 0.20% to 3.05%. The larger increase at the short end caused the curve to flatten. The spread between two-year maturities and ten-year maturities stood at 0.24% as of the end of September, compared to 0.54% at the start of the year. With the Federal Open Market Committee projecting one additional hike in 2018 and three more in 2019, the yield curve could invert for the first time since 2007 absent a meaningful move higher in longer term rates. In this rising rate environment, U.S. Government bonds, as measured by the Bloomberg Barclays Treasury Index, returned -0.6% for the third quarter and is now down 1.6% over the last year. The Bloomberg Barclays Intermediate Govt./Credit Index was able to earn a small positive gain of 0.2% as investment grade credit spreads tightened during the quarter, offsetting higher rates. High yield continues to be the best performer in the fixed income space given the asset class' lower sensitivity to rising interest rates. The Bloomberg Barclays High Yield Index was up 2.3% for the quarter and has returned 1.8% year to date.

Index	Yield	Duration	3Q 18	YTD	2017	2016	2015	2014	2013	1-Year	3-Year	5-Year	10-Year
Bloomberg Barclays Aggregate	3.46	6.3	0.0	-1.6	3.5	2.7	0.6	6.0	-2.0	-1.2	1.3	2.2	3.8
Bloomberg Barclays Govt/Credit	3.40	6.5	0.1	-1.9	4.0	3.1	0.2	6.0	-2.4	-1.4	1.5	2.2	4.0
Bloomberg Barclays Int Agg	3.34	4.7	0.1	-0.9	2.3	2.0	1.2	4.1	-1.0	-0.9	1.0	1.7	3.3
Bloomberg Barclays Int Govt/Credit	3.21	4.0	0.2	-0.8	2.1	2.1	1.1	3.1	-0.9	-1.0	0.9	1.5	3.2
Bloomberg Barclays HY Ba/B 2% IC	5.68	4.2	2.3	1.8	6.9	14.1	-2.7	3.5	6.2	2.2	7.1	5.3	8.5
BofA ML HY Cash Pay BB 1-3 Yr.	4.53	1.4	1.6	2.1	3.6	8.5	1.2	1.9	5.6	2.2	4.7	3.8	7.1
Bloomberg Barclays Mortgage	3.59	6.1	-0.1	-1.1	2.5	1.7	1.5	6.1	-1.4	-0.9	1.0	2.0	3.3
Bloomberg Barclays Treasury	2.95	6.1	-0.6	-1.7	2.3	1.0	0.8	5.1	-2.8	-1.6	0.2	1.3	2.7
Bloomberg Barclays US TIPS	3.17	7.6	-0.8	-0.8	3.0	4.7	-1.4	3.6	-8.6	0.4	2.0	1.4	3.3
BofA ML 91 day T-Bills	2.21	0.3	0.5	1.3	0.9	0.3	0.1	0.0	0.1	1.6	0.8	0.5	0.3

The Last Full Interest Rate Cycle 1958 - 2011

10-Yr Treasury Rate vs. Inflation (CPI)

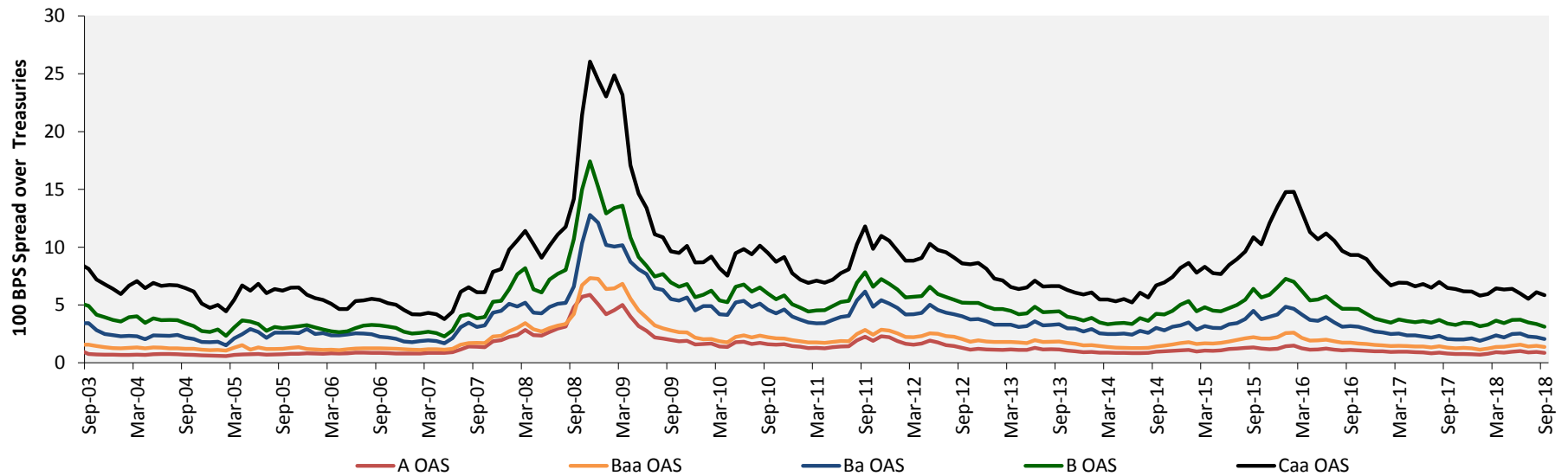
(Annual Rates as of Jan 1 Each Year)



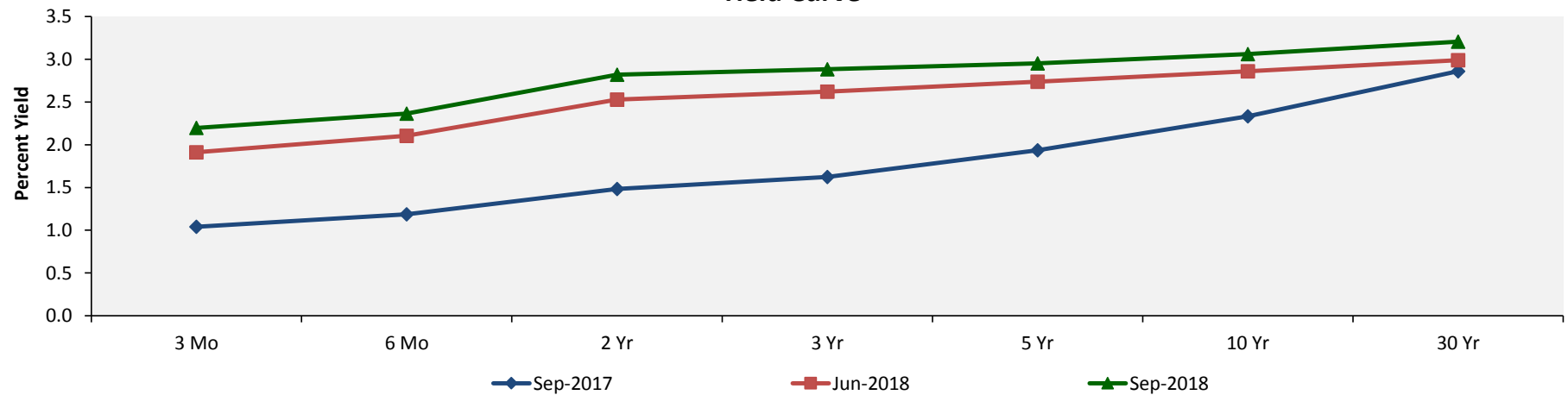
Source: Bloomberg Barclays

Bond Market

OAS Credit Spread



Yield Curve



Source: Bloomberg Barclays

Interest Rate Sensitivity

12 Month Holding Period - Annualized Returns as of 9/30/2018

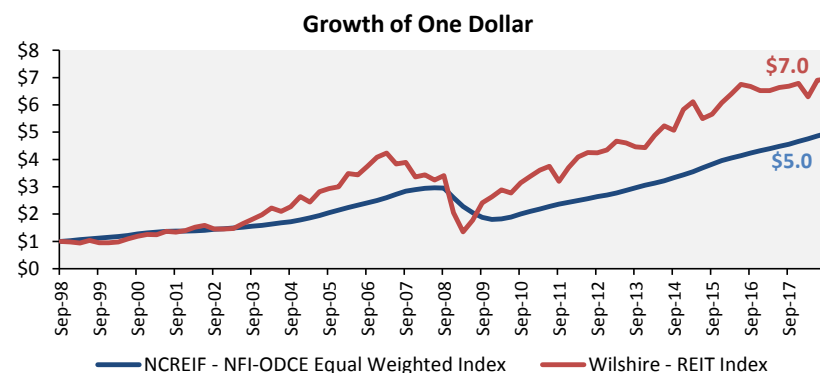
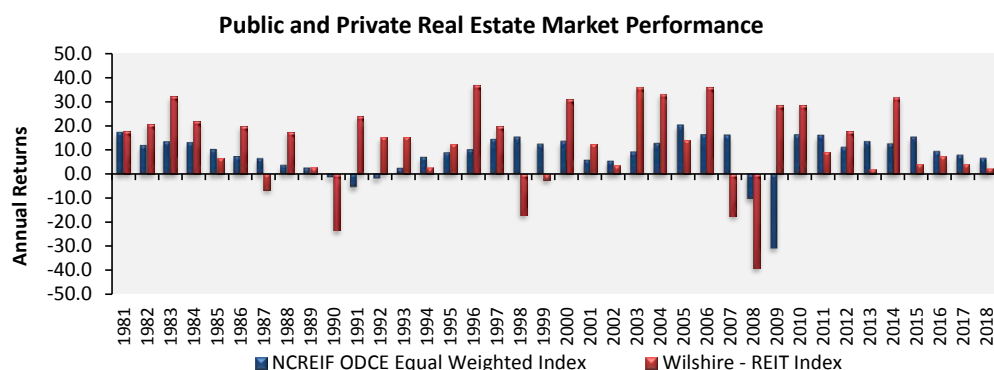
Yield Change	10 Year Treasury	Bloomberg Barclays Aggregate	Bloomberg Barclays Int Govt/Credit	ML Gov/Corp Master	ML 1-3 yr Gov/Corp	Defensive ML US HY BB/B ND	Short Duration ML US HY BB/B 1-3 yr
(bps)		US Aggregate	US Int Govt/Credit				
-150	15.81	12.94	9.16	12.89	5.67	11.72	6.63
-100	11.56	9.78	7.17	9.73	4.76	9.69	5.93
-50	7.31	6.62	5.19	6.58	3.86	7.67	5.23
-25	5.19	5.04	4.20	5.00	3.40	6.65	4.88
0	3.06	3.46	3.21	3.42	2.95	5.64	4.53
25	0.94	1.88	2.22	1.84	2.50	4.63	4.18
50	-1.19	0.30	1.23	0.27	2.05	3.62	3.83
100	-5.44	-2.86	-0.75	-2.89	1.14	1.59	3.13
150	-9.69	-6.02	-2.74	-6.05	0.24	-0.44	2.43
200	-13.94	-9.18	-4.72	-9.20	-0.67	-2.46	1.73
250	-18.19	-12.34	-6.70	-12.36	-1.58	-4.49	1.03
300	-22.44	-15.50	-8.68	-15.51	-2.48	-6.51	0.33
350	-26.69	-18.66	-10.66	-18.67	-3.39	-8.54	-0.37
400	-30.94	-21.82	-12.65	-21.82	-4.29	-10.56	-1.07
450	-35.19	-24.98	-14.63	-24.98	-5.20	-12.59	-1.77
500	-39.44	-28.14	-16.61	-28.13	-6.10	-14.61	-2.47
Duration	8.50	6.32	3.96	6.31	1.81	4.05	1.40

FOR ILLUSTRATIVE PURPOSES ONLY: For each index the current yield to worst as of 9/30/2018 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 9/30/2018 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

Real estate continued to achieve attractive returns during the third quarter. Driven by rent growth and warehouse demand, the ODCE index appreciated 1.05% for the quarter. When coupled with income of 1.04%, the total return for the quarter was 2.09%. The index is on track to achieve another year of 8%+ returns that compares very favorably against other asset classes. Rising interest rates will negatively impact cap rates and valuations, however. Real estate returns will now depend on income of 4-5% and income growth of 4-5% for the majority of total return. Income returns of approximately 4-5% and appreciation of 1-3% indicate a long-term expected total return of 5-8%. Unless interest rates rise substantially, the income component of real estate will continue to be appealing to investors, especially foreign investors, and keep valuations at high levels.

Sector	Index	3Q 18	YTD	2017	2016	2015	2014	2013	1-Year	3-Year	5-Year	10-Year
US Private	NCREIF ODCE Equal Weighted	2.1	6.5	7.8	9.3	15.2	12.4	13.3	8.7	9.0	10.8	5.4
US Public	Wilshire REIT	0.7	2.3	4.2	7.2	4.2	31.8	1.9	4.0	7.1	9.3	7.4



	Total return (incl. income) 2018	Total return (incl. income) 2019	Total return (incl. income) 2020	Total return (incl. income) 2018 to 2022 (per year)
National, All Property Types (NPI)	6.6	5.3	4.6	5.4
Office	6.3	4.9	3.9	4.9
Retail	4.6	4.5	4.3	4.6
Industrial	11.0	7.5	6.0	7.1
Apartment	6.0	5.2	4.8	5.4

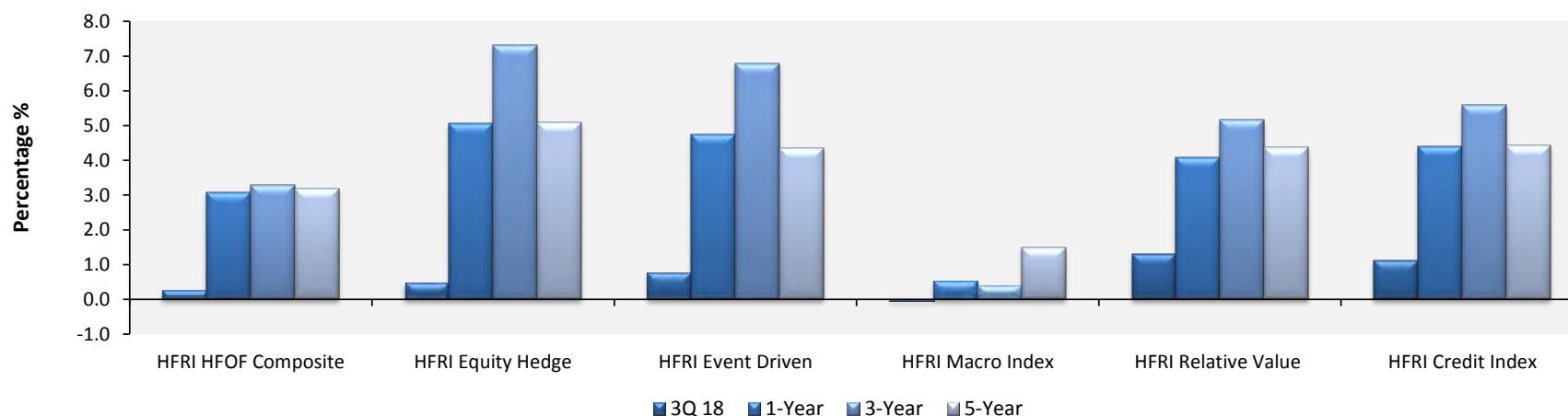
Bottom chart: Average of respondents' forecasts of the NCREIF Property Index (NPI) and sub-indices by property type. **Source:** Pension Real Estate Association Consensus Forecast Survey of the NCREIF Property Index Q3 2018.

Hedge Fund of Funds Market

The HFRI Fund of Funds Composite rose 0.27% during the third quarter and is up 1% year-to-date. While these returns pale in comparison to the respective returns of US equities, hedge funds continue to provide material outperformance over fixed income. Hedge fund strategies broadly generated gains during the quarter aside from global macro, which continues to lag this year. The issues serving as headwinds for macro managers included: continued slide in commodity prices (ex-energy), fixed income trading losses for those managers positioned for rising rates and a steeper yield curve, and continued uncertainty around global trade. Relative value was the best performing strategy during the quarter (+1.31%) as fixed income arbitrage strategies and long volatility strategies focused on credit and emerging market currencies were additive. Equity-focused long volatility strategies generally suffered during the quarter, as volatility remained muted as US equities rose; however, equity volatility has risen substantially in October. Event driven strategies were broadly positive; credit-oriented strategies benefited from spread tightening while event equity strategies were more mixed as global M&A activity declined during the quarter and the HFRI Activist Index declined more than 1%. The HFRI Equity Hedge was up 0.48% for the quarter and 1.66% year-to-date, led by directionally long strategies and those focused on the healthcare and tech sectors.

<u>Strategy</u>	<u>Index</u>	<u>3Q 18</u>	<u>YTD</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>1-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>10-Year</u>
Fund of Funds	HFRI HFOF Composite	0.3	1.0	7.8	0.5	-0.3	3.4	9.0	3.1	3.3	3.2	2.6
Equity Long-Short	HFRI Equity Hedge	0.5	1.7	13.3	5.5	-1.0	1.8	14.3	5.1	7.3	5.1	5.2
Event Driven	HFRI Event Driven	0.8	2.8	7.6	10.6	-3.6	1.1	12.5	4.8	6.8	4.4	5.6
Global Macro	HFRI Macro Index	0.0	-1.8	2.2	1.0	-1.3	5.6	-0.4	0.5	0.4	1.5	1.6
Relative Value	HFRI Relative Value	1.3	3.0	5.1	7.7	-0.3	4.0	7.1	4.1	5.2	4.4	6.0
Credit	HFRI Credit Index	1.1	3.0	6.0	8.6	-1.0	3.0	9.0	4.4	5.6	4.4	6.4

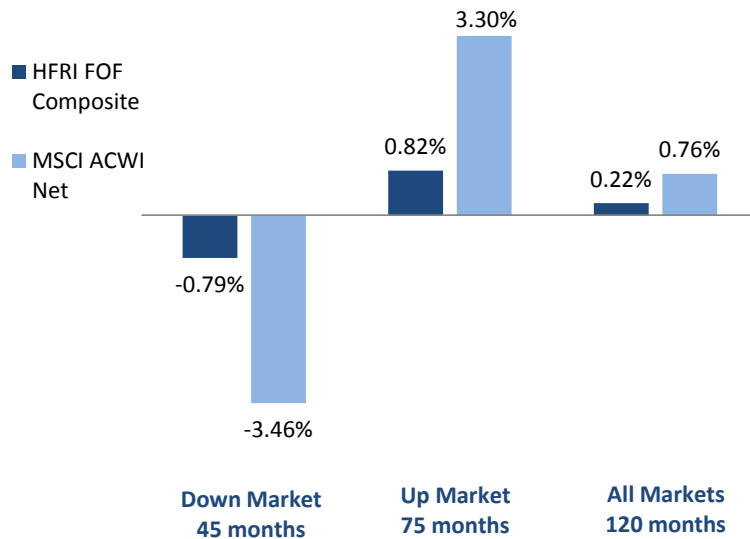
Hedge Fund Strategy Performance



Hedge Fund of Funds Market

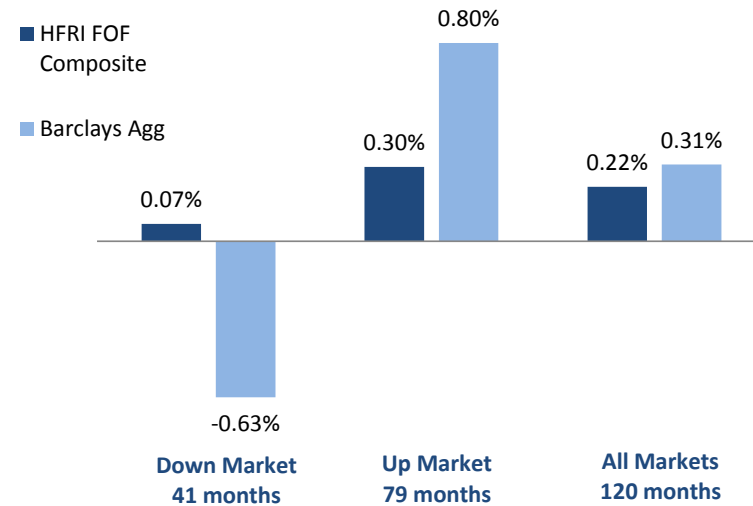
Up/Down Capture vs. Equity

Average Returns
October 2008 - September 2018



Up/Down Capture vs. Bonds

Average Returns
October 2008 - September 2018



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FELRA And UFCW Pension Fund

Master Consulting Services Report

Period Ended

September 30, 2018

Total Plan Growth of Assets

Summary of Cash Flows

	Third Quarter	Year-To-Date	One Year	Three Years	Five Years	Seven Years	Ten Years
Beginning Market Value	\$250,957,604	\$298,167,277	\$314,796,838	\$459,407,643	\$588,045,505	\$600,971,213	\$808,841,813
Net Cash Flow	-\$27,227,771	-\$76,396,768	-\$102,240,745	-\$315,129,162	-\$505,184,517	-\$667,503,722	-\$897,347,109
Net Investment Change	\$7,582,457	\$9,541,780	\$18,756,196	\$87,033,809	\$148,451,301	\$297,844,799	\$319,817,585
Ending Market Value	\$231,312,290	\$231,312,290	\$231,312,290	\$231,312,290	\$231,312,290	\$231,312,290	\$231,312,290

The present assumed actuarial rate effective January 1, 2016 as determined by the plan actuary is 7.0%.

The Fund's fiscal year end is 12/31.

FELRA and UFCW Pension Fund

Master Consulting Services Report as of September 30, 2018

Total Plan Performance (Gross of Fees) - Annualized

	Market Value	% of Portfolio	Ending September 30, 2018						
			2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs
Total Fund	\$231,312,290	100.0%	3.1%	3.8%	7.1%	9.0%	7.6%	9.2%	7.1%
Total Fund Domestic Equity	\$80,678,385	34.9%	6.9%	8.8%	16.1%	16.3%	12.8%	15.9%	11.5%
S&P 500			7.7%	10.6%	17.9%	17.3%	13.9%	16.9%	12.0%
Russell 2000			3.6%	11.5%	15.2%	17.1%	11.1%	16.4%	11.1%
Total Investment Grade Fixed Income	\$69,692,973	30.1%	0.6%	0.2%	0.1%	1.6%	2.1%	2.4%	4.0%
Custom Benchmark Fixed Income			0.3%	-0.4%	-0.6%	1.0%	1.6%	1.6%	3.5%
Total Short Duration High Yield Fixed Income	\$4,258,971	1.8%	1.5%	1.9%	2.0%	4.3%	3.4%	5.7%	7.3%
Custom Benchmark			1.6%	2.1%	2.2%	4.7%	3.8%	6.0%	7.8%
Total Fund Global Bond	\$28,216,383	12.2%	1.3%	0.5%	-1.0%	3.8%	--	--	--
Total Fund Real Estate	\$14,339,240	6.2%	1.9%	6.1%	8.0%	8.4%	10.4%	11.3%	5.9%
NCREIF ODCE Equal Weighted Index			2.1%	6.5%	8.7%	9.1%	10.9%	11.2%	5.4%
Total Fund Hedge Fund of Funds	\$2,273,147	1.0%							
Total Fund GTAA	\$28,824,200	12.5%	1.5%	0.7%	4.4%	9.5%	6.7%	7.7%	--
65% MSCI World Index/35% CitigroupWGBI			2.6%	2.6%	6.7%	9.4%	6.2%	8.1%	6.6%
Total Fund Cash	\$2,827,196	1.2%	0.5%	1.0%	1.2%	0.6%	0.4%	0.3%	0.3%
Total Fund Other	\$201,795	0.1%							

	Fiscal Year Ends 12/31										
	Fiscal YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Total Fund	3.8%	12.0%	8.1%	3.0%	6.0%	14.9%	12.5%	0.6%	13.6%	12.5%	-25.0%

FELRA and UFCW Pension Fund

Master Consulting Services Report as of September 30, 2018

Allocation vs. Policy

	Current Balance	Current Allocation	Policy	Policy Range	Difference	Difference
Domestic Equity	\$80,678,385	34.9%	30.0%	20.0% - 40.0%	4.9%	\$11,284,698
Investment Grade Bonds	\$69,692,973	30.1%	25.0%	10.0% - 40.0%	5.1%	\$11,864,900
Opportunistic Fixed Income	\$28,216,383	12.2%	10.0%	0.0% - 20.0%	2.2%	\$5,085,154
Short Duration High Yield Bonds	\$4,258,971	1.8%	5.0%	0.0% - 10.0%	-3.2%	-\$7,306,643
Real Estate	\$14,339,240	6.2%	10.0%	0.0% - 30.0%	-3.8%	-\$8,791,989
Global Tactical Asset Allocation	\$28,824,200	12.5%	15.0%	0.0% - 30.0%	-2.5%	-\$5,872,644
Cash Equivalents / Other	\$3,028,991	1.3%	5.0%	0.0% - 20.0%	-3.7%	-\$8,536,623
Hedge Fund of Funds	\$2,273,147	1.0%	0.0%	0.0% - 0.0%	1.0%	\$2,273,147
International Equity	--	--	0.0%	0.0% - 0.0%	0.0%	\$0
Emerging Markets Equity	--	--	0.0%	0.0% - 0.0%	0.0%	\$0
Total	\$231,312,290	100.0%	100.0%			

Asset Allocation

- Asset allocation and glide path reviews were presented on April 24, 2016; August 3, 2016; January 26, 2017; March 5, 2017; May 31, 2017; July 13, 2017; January 10, 2018; March 3, 2018 and June 4, 2018.
- A draft of an asset allocation review and glide path presentation was included in the materials distributed at the April 27, 2016 meeting.
- On August 3, 2016, a draft asset allocation review and glide path update was emailed to the Fund Administrator and Co-Counsel. The asset allocation/Glide Path with supplemental information was included in the materials with 3Q 2016 MCS report. The Trustees agreed with partial redemption requests which have since been submitted to HFoF managers EnTrust (\$5M) and Mesirow (\$6M) effective September 30, 2016. Proceeds were received in October and November 2016. The other recommendations were not approved at that time.
- At the January 26, 2017 meeting, an updated draft of the asset allocation/Glide Path was distributed and reviewed. IPS recommended: 1) Eliminate the HFoF investments with EnTrust and Mesirow as soon as possible; 2) Submit a redemption schedule to JPM real estate to fully liquidate by 12/31/18. Rebalance to the 15% policy ASAP, to 10% at 12/31/17, and fully redeem by 12/31/18. Recommendations were not approved at that time. Additional cash flow analysis and asset allocation information was sent to the Administrator and co-counsel. Trustees elected to eliminate the Policy to reflect the ongoing liquidation of the Fund's assets. The effective date is January 1, 2017.
- On March 5, 2017, IPS sent a follow-up memo to the Board of Trustees regarding cash flow analysis and what order the Fund's portfolios should be liquidated so there is sufficient cash to pay benefits and administrative expenses.
- An asset allocation and glide path review was presented at the May 31, 2017 meeting. The Trustees voted to rebalance to the January, 2017 recommended policy shown on page 3 of the report. To rebalance to those targets, terminate Gryphon liquidated March 31, 2018 and Vanguard EM liquidated February 23, 2018. Proceeds will be used for cash flow needs. On approximately a quarterly basis, discuss additional potential changes to the AA.
- An asset allocation and glide path review was presented at the July 13, 2017 meeting.
- An asset allocation and glide path review was presented at the January 10, 2018 meeting. The Trustees voted to adopt the Policy labeled January 1, 2018 (effective 1/1/18). The only change compared to the current policy allocation is a further reduction to real estate (from 15% to 10%). In addition, the Trustees agreed to fully liquidate the real estate allocation effective December 31, 2018. The liquidation of the approximately \$38m will be completed in four installments (3/31, 6/30, 9/30, 12/31). If cash from the real estate liquidation is received at a time to use to help offset cash needs, it should be used to do so, if not, it should be allocated to SBH intermediate fixed.
- An asset allocation and glide path review was presented at the March 3, 2018 meeting. There were no new immediate recommendations for consideration. The complete liquidation of the real estate allocation is in process, and the Fund's real estate allocation is expected to be 0% as of January 1, 2019.
- An asset allocation and glide path review was presented at the June 4, 2018 meeting. There were no new immediate recommendations for consideration.

Recommendation: None. Rebalancing of assets is in process. Review updated glide path report for additional recommendations.

FELRA and UFCW Pension Fund

Master Consulting Services Report as of September 30, 2018

Performance Summary (Gross of Fees) - Annualized

			Ending September 30, 2018								
	Market Value	% of Portfolio	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Total Fund	\$231,312,290	100.0%	3.1%	3.8%	7.1%	9.0%	7.6%	9.2%	7.1%	6.5%	Jan-97
Total Fund Domestic Equity	\$80,678,385	34.9%	6.9%	8.8%	16.1%	16.3%	12.8%	15.9%	11.5%	7.9%	Jul-97
S&P 500			7.7%	10.6%	17.9%	17.3%	13.9%	16.9%	12.0%	7.8%	Jul-97
Russell 2000			3.6%	11.5%	15.2%	17.1%	11.1%	16.4%	11.1%	8.5%	Jul-97
Wedge Capital Management	\$32,865,727	14.2%	6.5%	5.2%	12.8%	15.4%	12.7%	16.1%	11.7%	9.2%	Jan-05
Russell 1000 Value			5.7%	3.9%	9.5%	13.6%	10.7%	15.0%	9.8%	7.5%	Jan-05
Vanguard Total Stock Mkt Idx Fund	\$47,812,658	20.7%	7.1%	10.7%	17.7%	17.2%	--	--	--	12.1%	May-14
CRSP US Total Market TR USD			7.1%	10.6%	17.6%	17.1%	--	--	--	12.0%	May-14
Total Investment Grade Fixed Income	\$69,692,973	30.1%	0.6%	0.2%	0.1%	1.6%	2.1%	2.4%	4.0%	3.3%	Jun-07
Custom Benchmark Fixed Income			0.3%	-0.4%	-0.6%	1.0%	1.6%	1.6%	3.5%	3.6%	Jun-07
Segall Bryant & Hamill	\$69,692,973	30.1%	0.6%	0.2%	0.1%	1.6%	2.1%	2.0%	--	3.8%	Jan-09
Custom Benchmark Segall			0.3%	-0.4%	-0.6%	1.0%	1.6%	1.6%	--	3.1%	Jan-09
Total Short Duration High Yield Fixed Income	\$4,258,971	1.8%	1.5%	1.9%	2.0%	4.3%	3.4%	5.7%	7.3%	6.0%	Jun-07
Custom Benchmark			1.6%	2.1%	2.2%	4.7%	3.8%	6.0%	7.8%	5.8%	Jun-07
Chartwell Short Duration High Yield	\$4,258,971	1.8%	1.5%	1.9%	2.0%	4.3%	3.4%	--	--	3.4%	Oct-13
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			1.6%	2.1%	2.2%	4.7%	3.8%	--	--	3.8%	Oct-13
BBgBarc 1-3 Yr BB U.S. Constrained Index			1.4%	2.1%	2.3%	5.0%	3.8%	--	--	3.8%	Oct-13
Total Fund Global Bond	\$28,216,383	12.2%	1.3%	0.5%	-1.0%	3.8%	--	--	--	1.8%	Jun-15
Franklin Templeton Global Bond Plus Trust	\$28,216,383	12.2%	1.3%	0.5%	-1.0%	3.8%	--	--	--	1.8%	Jun-15

FELRA and UFCW Pension Fund

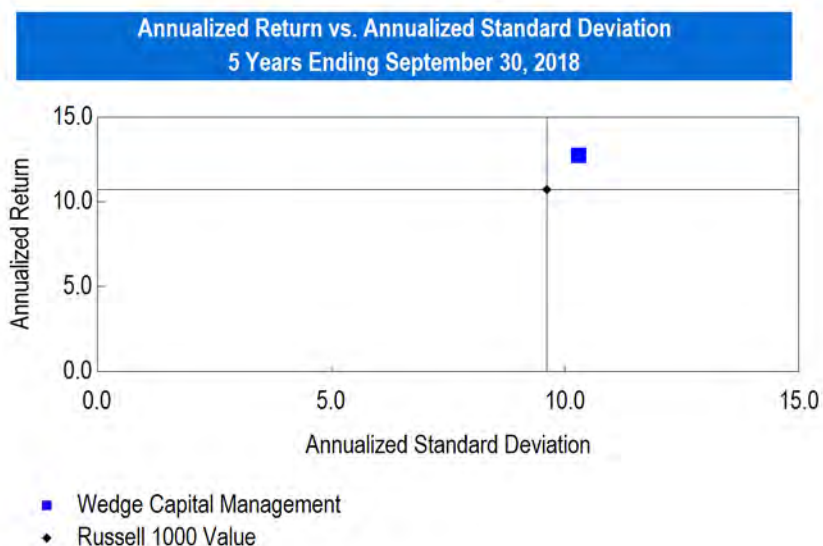
Master Consulting Services Report as of September 30, 2018

Performance Summary (Gross of Fees) - Annualized

			Ending September 30, 2018								
	Market Value	% of Portfolio	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Total Fund Real Estate	\$14,339,240	6.2%	1.9%	6.1%	8.0%	8.4%	10.4%	11.3%	5.9%	8.4%	Oct-03
NCREIF ODCE Equal Weighted Index			2.1%	6.5%	8.7%	9.1%	10.9%	11.2%	5.4%	8.0%	Oct-03
JP Morgan Real Estate Strategic Property - Core Investments	\$14,339,240	6.2%	1.9%	6.1%	8.0%	8.4%	10.4%	11.3%	6.2%	8.9%	Oct-03
NCREIF ODCE Equal Weighted Index			2.1%	6.5%	8.7%	9.1%	10.9%	11.2%	5.4%	8.0%	Oct-03
Total Fund Hedge Fund of Funds	\$2,273,147	1.0%									
LumX Asset Management	\$175,840	0.1%									
EnTrust Capital Diversified Peru Class X	\$2,097,307	0.9%									
Total Fund GTAA	\$28,824,200	12.5%	1.5%	0.7%	4.4%	9.5%	6.7%	7.7%	--	6.4%	Apr-10
65% MSCI World Index/35% CitigroupWGBI			2.6%	2.6%	6.7%	9.4%	6.2%	8.1%	--	6.8%	Apr-10
First Eagle Global Value	\$28,824,200	12.5%	1.5%	0.7%	4.4%	10.4%	--	--	--	5.8%	Sep-14
65% MSCI World Index/35% CitigroupWGBI			2.6%	2.6%	6.7%	9.4%	--	--	--	4.9%	Sep-14
Total Fund Cash	\$2,827,196	1.2%	0.5%	1.0%	1.2%	0.6%	0.4%	0.3%	0.3%	--	Jul-06
PNC STIF	\$2,827,196	1.2%	0.5%	1.0%	1.2%	0.6%	0.4%	0.3%	0.7%	1.6%	Jul-06
91 Day T-Bills			0.5%	1.3%	1.6%	0.9%	0.5%	0.4%	0.3%	0.9%	Jul-06
Total Fund Other	\$201,795	0.1%									
MDF Special Investments SPC, Ltd. / MDEF June 2011 / Pool 12/11											

Account Information	
Account Name	Wedge Capital Management
Account Structure	Separate Account
Investment Style	Active
Inception Date	1/01/05
Account Type	US Stock Large Cap Value
Benchmark	Russell 1000 Value
Universe	eV US Large Cap Value Equity Gross

Wedge Capital Management		
Ending September 30, 2018		
	Last Three Months	Inception 1/1/05
Beginning Market Value	\$30,868,907	\$72,145,281
Net Cash Flow	\$0	-\$92,325,565
Net Investment Change	\$1,996,820	\$53,046,011
Ending Market Value	\$32,865,727	\$32,865,727



3 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Wedge Capital Management	15.4%	10.1%	107.8%	92.9%
Russell 1000 Value	13.6%	9.4%	100.0%	100.0%

5 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Wedge Capital Management	12.7%	10.3%	109.1%	93.0%
Russell 1000 Value	10.7%	9.6%	100.0%	100.0%

											Calendar Years											
	2018 Q3	Rank	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	2017	Rank	2016	Rank	2015	Rank	2014	Rank	2013	Rank	Inception	Inception Date
Wedge Capital Management	6.5%	33	5.2%	50	12.8%	41	15.4%	35	12.7%	18	21.7%	12	14.1%	59	0.2%	18	12.5%	45	35.6%	36	9.2%	Jan-05
Russell 1000 Value	5.7%	53	3.9%	71	9.5%	76	13.6%	73	10.7%	68	13.7%	87	17.3%	26	-3.8%	64	13.5%	33	32.5%	60	7.5%	Jan-05

Note: Returns are gross of fees.

FELRA & UFCW Pension Fund - Wedge Capital Management

Correspondence/Transfer Summary

- On the following dates funds were transferred to the PNC STIF account: 1/30/17 (\$1,980,000), 2/28/17 (\$990,000), 3/31/17 (\$1,900,000), 4/30/17 (\$2,060,000), and 5/31/17 (\$835,000).

Manager Summary

- IPS conducted due diligence meetings with Wedge Capital on October 26, 2016 and August 11, 2017 (on-site).

Recommendation: None.

Compliance Summary

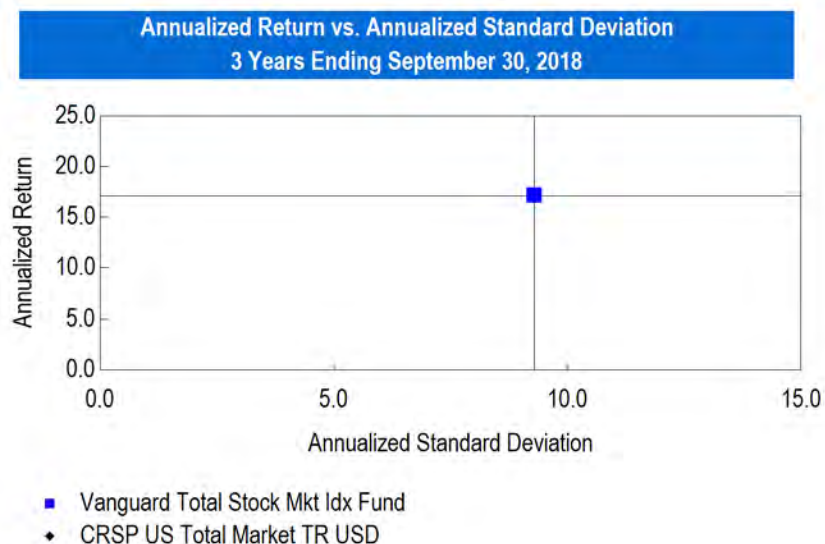
Exceptions: None.

Action to be taken: None.

Items of Interest: None. Proxy Voting - Manager stated Wedge does not vote the proxies for this account.

Account Information	
Account Name	Vanguard Total Stock Mkt Idx Fund
Account Structure	Mutual Fund
Investment Style	Passive
Inception Date	5/31/14
Account Type	Equity
Benchmark	CRSP US Total Market TR USD
Universe	

Vanguard Total Stock Mkt Idx Fund		
Ending September 30, 2018		
	Last Three Months	Inception 5/31/14
Beginning Market Value	\$58,364,788	\$0
Net Cash Flow	-\$14,750,000	\$17,986,210
Net Investment Change	\$4,197,869	\$29,826,448
Ending Market Value	\$47,812,658	\$47,812,658



3 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Vanguard Total Stock Mkt Idx Fund	17.2%	9.3%	100.5%	99.4%
CRSP US Total Market TR USD	17.1%	9.3%	100.0%	100.0%

Calendar Years												
	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2017	2016	2015	2014	2013	Inception	Inception Date
Vanguard Total Stock Mkt Idx Fund	7.1%	10.7%	17.7%	17.2%	--	21.3%	12.8%	0.6%	--	--	12.1%	May-14
CRSP US Total Market TR USD	7.1%	10.6%	17.6%	17.1%	13.5%	21.2%	12.7%	0.4%	12.6%	33.6%	12.0%	May-14

Note: Returns are gross of fees.

FELRA & UFCW Pension Fund - Vanguard Total Stock Mkt Index Fund

Correspondence/Transfer Summary

- In May 2014, manager was funded with \$25.6M from termination of NWQ Investment Management.
- On the following date, funds were transferred to the PNC STIF account for benefit payments: 1/31/17 (\$4,340,000), 2/24/17 (\$2,200,000), 3/31/17 (\$4,400,000), 4/17/17 (\$4,600,000), and 5/15/17 (\$1,875,000).
- In February 2015, \$24.4M was received from the termination of Foundry Partners.
- In December 2015, \$27.2M was received from the termination of INTECH and Westwood.
- In May 2018, \$12.0M was transferred to PNC STIF.
- In August 2018, \$7.5M was transferred to PNC STIF.
- In September 2018, \$7.25M was transferred to PNC STIF.
- In October 2018, \$4.0M was transferred to PNC STIF.

Manager Summary

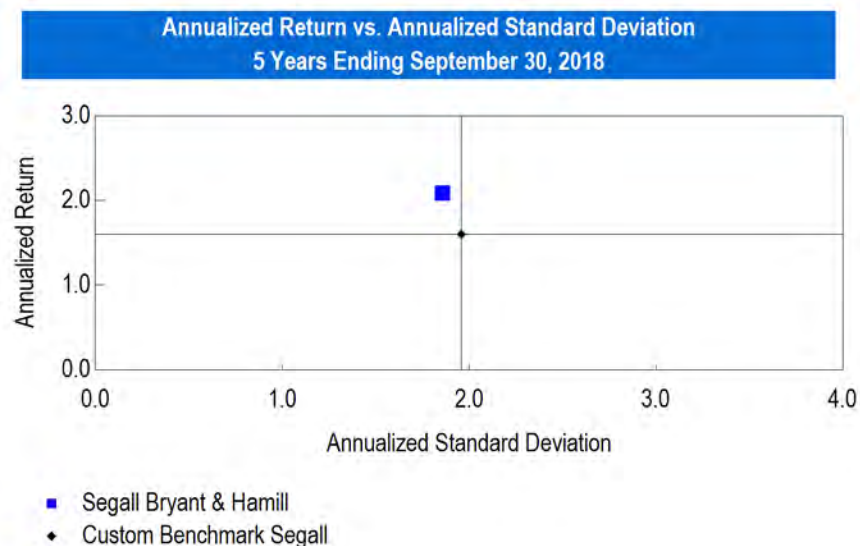
Recommendation: None.

Compliance Summary

This is an index investment in a mutual fund; the manager will not sign the quarterly compliance questionnaires.

Account Information	
Account Name	Segall Bryant & Hamill
Account Structure	Separate Account
Investment Style	Active
Inception Date	1/01/09
Account Type	US Fixed Income Core
Benchmark	Custom Benchmark Segall
Universe	

Segall Bryant & Hamill		
Ending September 30, 2018		
	Last Three Months	Inception 1/1/09
Beginning Market Value	\$54,310,406	\$41,048,647
Net Cash Flow	\$15,000,000	\$19,683,337
Net Investment Change	\$382,567	\$8,960,989
Ending Market Value	\$69,692,973	\$69,692,973



3 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Segall Bryant & Hamill	1.6%	1.8%	104.0%	76.1%
Custom Benchmark Segall	1.0%	1.9%	100.0%	100.0%

5 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Segall Bryant & Hamill	2.1%	1.9%	101.5%	77.1%
Custom Benchmark Segall	1.6%	2.0%	100.0%	100.0%

Calendar Years											
	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2017	2016	2015	2014	2013	Inception Inception Date
Segall Bryant & Hamill	0.6%	0.2%	0.1%	1.6%	2.1%	2.6%	2.4%	1.3%	3.7%	-1.8%	3.8% Jan-09
Custom Benchmark Segall	0.3%	-0.4%	-0.6%	1.0%	1.6%	2.1%	2.1%	1.1%	3.1%	-2.0%	3.1% Jan-09

Note: Returns are gross of fees.

Custom Benchmark: Barclays Aggregate from Jan/09 to Aug/13 and Barclays Intermediate Govt/Credit from Sept/13 to present.

FELRA & UFCW Pension Fund - Segall Bryant & Hamill

Correspondence/Transfer Summary

- Manager was funded on November 5, 2008 with assets from terminated manager (Logan Circle).
- In September 2013, SBH received \$21.2M from the termination of IR&M to consolidate investment grade fixed income portfolios. \$2.4M was also received from the IR&M transition account.
- In December 2017, SBH received \$39.0M from reallocation of assets.
- On the following dates, funds were transferred to the PNC STIF account for benefit payments: 1/30/17 (\$405,000), 2/28/17 (\$200,000), 3/30/17 (\$400,000), 4/30/17 (\$400,000), and 5/20/17 (\$165,000).
- In January 2018, SBH received \$10.0M from reallocation of assets.
- Effective April 1, 2018 fee schedule is reduced to 15 bps on all assets.
- In July 2018, SBH received \$15.0M from reallocation of assets.

Manager Summary

- IPS conducted due diligence meetings with Segall Bryant and Hamill on January 19, 2016 and June 7, 2017.
- IPS conducted an on-site due diligence meeting with Segall Bryant and Hamill on June 20, 2017.

Recommendation: None. Transition to 1-3 year Government/Credit portfolio was completed in April 2018.

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FELRA & UFCW Pension Fund - Segall Bryant & Hamill (cont.)

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.

Three inherited bonds held as of 9/30/2018 are currently below investment grade with a total market value of \$31,395 (0.08% of the portfolio).

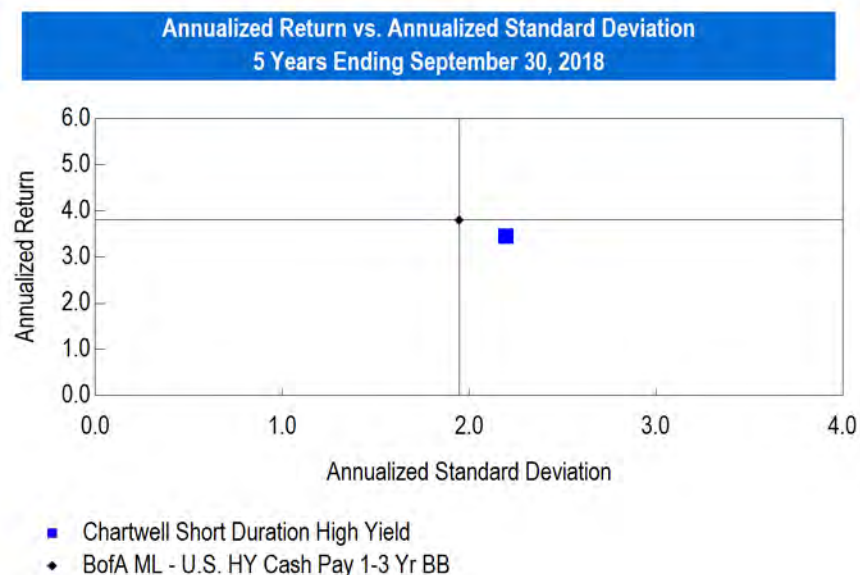
Manager Response Summary: The manager provided a table with the inherited bonds that are currently below investment grade and in default in an email dated November 27, 2018. The manager noted two bonds are currently being monitored for sale, but the manager has not received an adequate bid. Twin Reefs Pass-Securities are under strategic reorganization and the status of the securities is uncertain. The manager noted they received DPS 144 A Washington Mutual stock out of escrow and have sold the shares. The manager also noted they may receive additional shares.

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 – Manager noted there were changes to the Form ADV but they were not significant.

Account Information	
Account Name	Chartwell Short Duration High Yield
Account Structure	Separate Account
Investment Style	Active
Inception Date	10/01/13
Account Type	US Fixed Income High Yield
Benchmark	BofA ML - U.S. HY Cash Pay 1-3 Yr BB
Universe	

Chartwell Short Duration High Yield		
Ending September 30, 2018		
	Last Three Months	Inception 10/1/13
Beginning Market Value	\$4,196,302	\$0
Net Cash Flow	\$0	\$2,708,728
Net Investment Change	\$62,669	\$1,550,243
Ending Market Value	\$4,258,971	\$4,258,971



3 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Chartwell Short Duration High Yield	4.3%	2.1%	93.2%	109.2%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB	4.7%	2.0%	100.0%	100.0%

5 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
Chartwell Short Duration High Yield	3.4%	2.2%	98.0%	120.8%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB	3.8%	1.9%	100.0%	100.0%

	Calendar Years											Inception	Inception Date
	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2017	2016	2015	2014	2013			
Chartwell Short Duration High Yield	1.5%	1.9%	2.0%	4.3%	3.4%	4.0%	8.1%	-0.3%	1.5%	--		3.4%	Oct-13
BofA ML - U.S. HY Cash Pay 1-3 Yr BB	1.6%	2.1%	2.2%	4.7%	3.8%	3.6%	8.5%	1.2%	1.9%	5.5%		3.8%	Oct-13
BBgBarc 1-3 Yr BB U.S. Constrained Index	1.4%	2.1%	2.3%	5.0%	3.8%	3.9%	8.8%	1.1%	1.5%	4.3%		3.8%	Oct-13

Note: Returns are gross of fees.

FELRA & UFCW Pension Fund - Chartwell Short Duration High Yield

Correspondence/Transfer Summary

- On October 1, 2013, Chartwell received \$19.5M from termination of Lazard Asset Management (high yield fixed income).
- On the following dates, funds were transferred to the PNC STIF account for benefit payments: 1/28/17 (\$155,000), 1/31/17 (\$310,000), 3/31/17 (\$300,000), 4/27/17 (\$300,000), and 5/17/17 (\$130,000).

Manager Summary

- IPS conducted due diligence meetings with Chartwell on March 22, 2017 and October 8, 2018 (on-site).
- 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: None.

Account Information	
Account Name	Franklin Templeton Global Bond Plus Trust
Account Structure	Commingled Fund
Investment Style	Active
Inception Date	6/30/15
Account Type	Fixed
Benchmark	
Universe	

Franklin Templeton Global Bond Plus Trust		
Ending September 30, 2018		
	Last Three Months	Inception 6/30/15
Beginning Market Value	\$27,808,146	\$0
Net Cash Flow	\$0	\$26,940,000
Net Investment Change	\$408,237	\$1,276,383
Ending Market Value	\$28,216,383	\$28,216,383

	Calendar Years											Inception Date
	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2017	2016	2015	2014	2013	Inception	
Franklin Templeton Global Bond Plus Trust	1.3%	0.5%	-1.0%	3.8%	--	2.5%	6.5%	--	--	--	1.8%	Jun-15

Note: Returns are gross of fees.

FELRA & UFCW Pension Fund - Franklin Templeton Global Bond Plus Trust

Correspondence/Transfer Summary

- On June 12, 2015, manager was funded with \$50M from termination of AQR and Putnam (GTAA managers).
- Funds were transferred to the PNC STIF account on the following dates: 1/31/17 (\$2,060,000), 2/28/17 (\$1,000,000), 3/31/17 (\$2,100,000), 4/30/17 (\$2,200,000), and 5/30/17 (\$890,000).

Manager Summary

Recommendation: None.

Compliance Summary

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.

Manager verified that the portfolio and individual holdings are in compliance with the firm's commingled investment vehicle guidelines. With respect to the portfolio(s) under management, Fiduciary Trust International of the South acknowledges sole fiduciary responsibility under ERISA for adherence with the investment policies of Franklin Templeton Global Bond Plus Trust.

Items of Interest: Legal – Franklin Advisers, Inc. (FAV): The manager stated with respect to investment-related regulatory matters, as of the quarter ended September 30, 2018, Franklin Advisers, Inc. (FAV) has been responding to an ongoing formal investigation by the U.S. Securities and Exchange Commission (SEC) relating to U.S. investment limits in connection with certain investments made on behalf of certain Franklin Templeton Investments funds. As of that same time period, neither FAV nor, to the best of its knowledge, any of its current advisory affiliate employees were named as respondents in any investment-related proceedings brought by any U.S. federal or state regulatory agency, foreign financial regulatory authority or self-regulatory organization. For a summary of investment-related proceedings, findings or orders brought or issued by any such regulatory authority against FAV and/or certain of its advisory affiliates in the past 10 years ended September 30, 2018, as well as certain other regulatory matters, please see Appendix 2: Franklin Advisers, Inc. Regulatory History. In addition, from time to time FAV and its advisory affiliates receive subpoenas and inquiries, including requests for documents or other information, from governmental authorities or regulatory bodies, and also may be the subject of governmental or regulatory examinations or investigations. Investment-related proceedings, findings or orders resulting from such subpoenas, inquiries, examinations or investigations (including the investigation described above), if any, will be reported, to the extent required and permitted by law, on FAV's Form ADV filed with the SEC. With respect to investment-management-related private litigation, as of the quarter ended September 30, 2018, FAV has been named as a defendant in such litigation, which remains pending. To the best of FAV's knowledge, as of that same time period, none of its current advisory affiliate employees was named as a defendant in any such litigation pertaining to FAV's investment management activities. For a summary of material, investment-management-related private litigation in which FAV and/or certain of its advisory affiliates were named as defendants at any point in the past five years ended September 30, please see Appendix 3: Franklin Advisers, Inc. Litigation History. In addition, FAV and its advisory affiliates are from time to time named in litigation in the ordinary course of business, including currently. To the extent any such litigation is currently pending, as of the date of this response, none is reasonably expected to have a material adverse effect on FAV's financial condition or ability to provide investment management services. **Derivatives** - Manager answered "no" in response to the statement that they are required to provide information identifying all derivatives held during the year together with certification that these derivatives were prudent investments for the Fund. Manager stated they would disclose the derivatives held during the respective reporting period, but they would not deliver all derivative transactions over the course of the year. Manager noted they would certify that these derivatives were prudent investments for the Trust. **Form ADV** – There were no changes to Franklin Advisers, Inc. Form ADV during the past quarter ending September 30, 2018. **Errors and Omission insurance** – As of August 10, 2018, the D&O/E&O annual aggregate limit was increased from \$150 million to \$200 million.

Account Information	
Account Name	JP Morgan Real Estate Strategic Property - Core Investments
Account Structure	Commingled Fund
Investment Style	Active
Inception Date	10/01/03
Account Type	Real Estate
Benchmark	NCREIF ODCE Equal Weighted Index
Universe	

JP Morgan Real Estate Strategic Property - Core Investments		
Ending September 30, 2018		
	Last Three Months	Inception 10/1/03
Beginning Market Value	\$21,281,033	\$0
Net Cash Flow	-\$7,132,370	-\$76,767,622
Net Investment Change	\$190,577	\$91,106,862
Ending Market Value	\$14,339,240	\$14,339,240



3 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
JP Morgan Real Estate Strategic Property - Core Investments	8.4%	0.9%	92.5%	--
NCREIF ODCE Equal Weighted Index	9.1%	0.9%	100.0%	--

5 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
JP Morgan Real Estate Strategic Property - Core Investments	10.4%	1.5%	94.4%	--
NCREIF ODCE Equal Weighted Index	10.9%	1.4%	100.0%	--

	Calendar Years											Inception Date
	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2017	2016	2015	2014	2013	Inception	
JP Morgan Real Estate Strategic Property - Core Investments	1.9%	6.1%	8.0%	8.4%	10.4%	7.2%	8.4%	15.2%	11.1%	15.9%	8.9%	Oct-03
NCREIF ODCE Equal Weighted Index	2.1%	6.5%	8.7%	9.1%	10.9%	7.8%	9.3%	15.2%	12.4%	13.3%	8.0%	Oct-03

Note: Returns are gross of fees.

FELRA & UFCW Pension Fund - JP Morgan Real Estate Strategic Property - Core Investments

Correspondence/Transfer Summary

- A redemption request for \$15M was submitted effective December 31, 2015. Income is distributed effective December 31, 2015.
- Funds were transferred to the PNC STIF account on the following dates: 1/4/17 (\$638,635), and 4/30/17 (\$595,936).
- A redemption request for \$20M was submitted effective June 30, 2016. Proceeds were received in July 2016 (\$10.9M) and October 2016 (\$10.7M).
- A redemption request for \$20.6M was submitted effective June 30, 2017. Proceeds were received on July 6, 2017 (\$20.6M) and transferred to the cash account.
- A redemption request for \$23.4M was submitted effective September 30, 2017. Proceeds were received on October 4, 2017 (\$23.4M) and transferred to the cash account.
- A redemption request for \$10.25M was submitted effective December 31, 2017. Proceeds were received on January 5, 2018 (\$10.25M) and transferred to the cash account.
- A redemption request for \$7.0M was submitted effective March 31, 2018. Proceeds were received on April 5, 2018 (\$7.0M) and transferred to the cash account.
- A redemption request for \$7.1M was submitted effective June 30, 2018. Proceeds were received on July 5, 2018 (\$7.1M) and transferred to the cash account.
- A redemption request for \$7.0M was submitted effective September 30, 2018. Proceeds were received on October 4, 2018 (\$7.0M) and transferred to the cash account.

Manager Summary

- IPS conducted a due diligence meeting with JP Morgan on October 2, 2014.
- JPM announced a change to the fee structure of JPMCB Strategic Property Fund that lowers the effective investment management fee for investors that maintain a Fund net asset value (NAV) over \$100 million. Effective January 1, 2016, the Fund's fee for these investors will be 100 bps per annum on the first \$40M, 90 bps on the next \$25M, and 85 bps on the balance of the NAV.
- In an email dated December 29, 2017, JPM stated that the Department of Labor (DOL) published a five-year final exemption that will permit the firm to continue to rely on the Qualified Professional Asset Manager (QPAM) exemption in connection with the management of ERISA assets and certain other retirement accounts.

Recommendation: 1) Due to ongoing cash needs, reduce to 15% allocation as soon as possible, 10% by December 31, 2017 (Status: Completed). Liquidate in four quarterly installments, and liquidate entirely by December 31, 2018 (Status: In process).

Compliance Summary

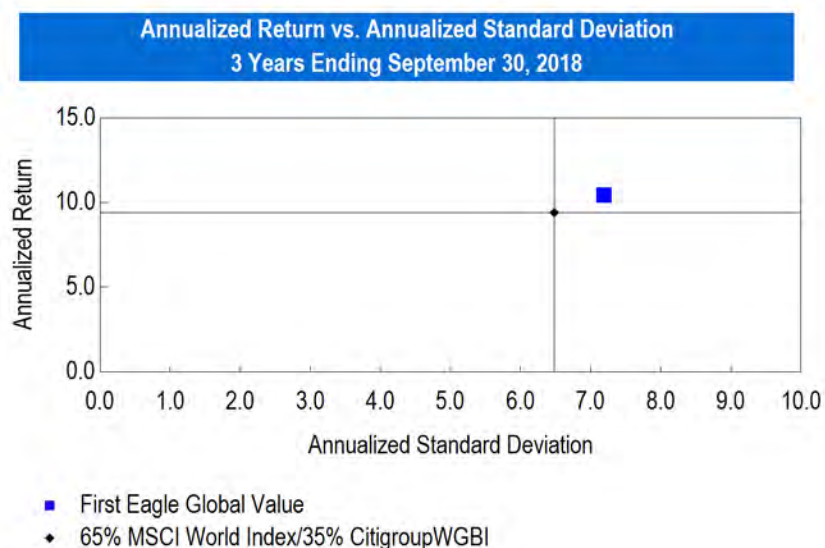
Commingled Fund: Due to the commingled fund structure, IPS does not monitor the holdings within the commingled fund for compliance with the client's investment policy statement. The commingled fund is governed by its own investment policy.

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

Items of Interest: Personnel Changes: Additions - The manager stated that in 3Q 2018, David Wright was hired as Vice President of Debt/Capital Markets. **Departures** - The manager stated that in 3Q 2018, departures occurred in the following positions: 3 Executive Directors of Asset Management and 1 Managing Director of Acquisitions. The manager stated due to confidentiality reasons they cannot share the names for the departures. **Form ADV** - The manager stated there were no changes during 3Q 2018. **Legal** - JPMorgan Chase & Co. and/or its subsidiaries (collectively, the "Firm") are defendants or putative defendants in numerous legal proceedings, including private civil litigations and regulatory/government investigations. The litigations range from individual actions involving a single plaintiff to class action lawsuits with potentially millions of class members. Investigations involve both formal and informal proceedings, by both governmental agencies and self-regulatory organizations. These legal proceedings are at varying stages of adjudication, arbitration or investigation, and involve each of the Firm's lines of business and geographies and a wide variety of claims (including common law tort and contract claims and statutory antitrust, securities and consumer protection claims), some of which present novel legal theories. Based on current knowledge, the Firm believes it has asserted meritorious defenses to the claims asserted against it in its currently outstanding legal proceedings, intends to defend itself vigorously in all such matters, and does not believe that any pending legal proceeding would have a material effect on the Firm's performance of the services contemplated by the questionnaire. For further discussion, please refer to JPMorgan Chase & Co.'s most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q filed with the U.S. Securities and Exchange Commission. Manager stated reference is also made to a press release issued on May 20, 2015 concerning settlements related to foreign exchange activities. The press release stated JPMorgan Chase & Co. announced settlements with the U.S. Department of Justice (DOJ) and the Federal Reserve (Fed) relating to the Firm's foreign exchange (FX) trading business. Under the DOJ resolution, JPMorgan Chase & Co. will plead guilty to a single antitrust violation and pay a fine of \$550 million. Under the resolution with the Fed, the Firm will pay a fine of \$342 million and has agreed to the entry of a Consent Order. Judgment consistent with the terms of the plea agreement referenced in the press release was entered on January 10, 2017. Manager noted the Firm has previously reserved for these settlements. A copy of the press release is included in the 3Q 2018 Compliance Report.

Account Information		First Eagle Global Value		
Account Name	First Eagle Global Value		Ending September 30, 2018	
Account Structure	Commingled Fund		Last Three Months	Inception 9/1/14
Investment Style	Active			
Inception Date	9/01/14		Beginning Market Value	\$43,475,301
Account Type	Other		Net Cash Flow	-\$15,000,000
Benchmark	65% MSCI World Index/35% CitigroupWGBI		Net Investment Change	\$348,898
Universe			Ending Market Value	\$28,824,200

Note: GTAA Manager



3 Years Ending September 30, 2018				
	Anlzd Return	Anlzd Standard Deviation	Up Mkt Capture Ratio	Down Mkt Capture Ratio
First Eagle Global Value	10.4%	7.2%	107.0%	95.6%
65% MSCI World Index/35% CitigroupWGBI	9.4%	6.5%	100.0%	100.0%

	Calendar Years											Inception Date
	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	2017	2016	2015	2014	2013	Inception	
First Eagle Global Value	1.5%	0.7%	4.4%	10.4%	--	14.4%	11.4%	0.1%	--	--	5.8%	Sep-14
65% MSCI World Index/35% CitigroupWGBI	2.6%	2.6%	6.7%	9.4%	6.2%	17.0%	5.6%	-1.6%	3.1%	15.1%	4.9%	Sep-14

Note: Returns are gross of fees.

FELRA & UFCW Pension Fund - First Eagle Global Value

Correspondence/Transfer Summary

- Manager was funded on September 30, 2014 with \$58 million from termination of Windhaven (\$28M) and from Wellington proceeds (\$30M).
- On the following date, funds were transferred to the PNC STIF account for benefit payments: 6/30/17 (\$11M), and 1/05/18 (\$14.5M).
- A redemption request was submitted for \$7.0M. Proceeds were received on August 1, 2016.
- In October 2016, \$19.0M was received from the termination of Wellington to consolidate GTAA allocation with one manager.
- On July 31, 2018, \$15.0M was transferred to Segall Bryant & Hamill.

Manager Summary

- IPS conducted due diligence meetings with First Eagle on December 21, 2016, April 13, 2017, and May 11, 2017.
- On January 12, 2016, First Eagle Investment Management, LLC contacted investors regarding a subpoena from the Employee Benefits Security Administration (EBSA), U.S. Department of Labor (DOL). According to the manager, the requests in the subpoena are broad in nature and the EBSA indicated, "this inquiry should not be construed as an indication that any violations of law have occurred or as a reflection upon any person involved in the matter."
- IPS reviewed the notice and has communicated with the manager. IPS will continue to monitor the situation and receive updates from the manager.
- On March 23, 2017, manager notified IPS the EBSA has completed their inquiry of First Eagle and there is no further action.

Recommendation: None. Redemptions occurred in January 2018 (\$14.5M) and July 2018 (\$15.0M), rebalancing the GTAA exposure closer to the 15% Policy.

Compliance Summary

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.

Manager verified that the portfolio is currently, and has been during the past quarter, in compliance with the firm's commingled investment vehicle guidelines and/or prospectus 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 prospectus guidelines.

Items of Interest: Personnel Changes - The manager stated Emily Howard and Camille Bryan joined the Global Value Team as research analysts effective September 4, 2018 and September 17, 2018, respectively.

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Account Information		LumX Asset Management		
Account Name	LumX Asset Management	Ending September 30, 2018		
Account Structure	Commingled Fund	Last Three Months		Inception 4/1/05
Investment Style	Active			
Inception Date	4/01/05	Beginning Market Value	\$175,840	\$25,494,521
Account Type	Hedge Fund	Net Cash Flow	\$0	-\$29,843,078
Benchmark	HFRI Fund of Funds Composite Index	Net Investment Change	\$0	\$4,524,397
Universe		Ending Market Value	\$175,840	\$175,840

Market value as of 12/31/16.

Correspondence/Transfer Summary - LumX Asset Management.

- Funded with \$25 million during the 1st quarter of 2005.
- On March 30, 2011, \$13 million was transferred to Transition Mesirow Cash account.
- Per the November 9, 2012 memo from Artis (underlying manager of EIM), the Fund received 455 shares of KiOR (CUSIP 4972171 09) and the shares were transferred to a Merrill Lynch brokerage account. Artis/EIM no longer manages the shares distributed and they are now the Fund's responsibility. Westwood will accept the shares of KiOR in-kind (existing 455 shares already in ML account) and any future distributions.
- On September 30, 2014, the merger between Gottex Fund Management Holdings Ltd. and EIM Group was completed.
- On June 2, 2017, Gottex Fund Management Holdings Ltd. changed the company name to LumX Asset Management.
- On January 14, 2016, the manager requested the Fund sign a consent to assignment due to the merger of Gottex Fund Management and EIM in September 2014. The Investment Management Agreement (IMA) that governs the relationship with FELRA was executed in January 2005 with EIM Management. IPS recommended the Fund sign the consent to agreement, subject to review by counsel. **Decision : Approved**

Manager Summary

Recommendation: A full redemption was submitted. As the remainder of the proceeds become available, use for cash flow needs.

Compliance Summary

Due to the customized separate HFoF structure, IPS does not monitor the fund of funds portfolio or the underlying managers' portfolios for compliance with the customized investment policy or the individual managers' policies.

Items of Interest: Compliance - The relationship was terminated as of September 30, 2010. **Manager did not return 4Q2014, 1Q2015, 2Q2015, 3Q2015, 4Q2015, 3Q2016, 4Q2016, 1Q2017, 2Q2017, 3Q2017, 4Q2017, 1Q2018, 2Q2018, 3Q2018 compliance checklist.** In an email dated March 29, 2017 the manager stated there are no changes in any of the answers from their prior checklists. The manager stated the only positions that they currently manage for the mutual client are illiquid hedge fund positions. There have been no changes in their firm that would in any way impact their ongoing monitoring of the illiquid positions.

Account Information		MDF Special Investments SPC, Ltd. / MDEF June 2011 / Pool 12/11		
Account Name	MDF Special Investments SPC, Ltd. / MDEF June 2011 / Pool 12/11	Ending September 30, 2018		
Account Structure	Hedge Fund		Last Three Months	Inception 9/1/11
Investment Style	Active			
Inception Date	9/01/11	Beginning Market Value	\$294,517	\$0
Account Type	Other	Net Cash Flow	-\$80,947	\$44,836
Benchmark		Net Investment Change	-\$11,774	\$156,959
Universe		Ending Market Value	\$201,795	\$201,795

Market Value is as of 6/30/2018.

Correspondence/Transfer Summary - MDF Special Investments SPC, Ltd. / MDEF June 2011 / Pool 12/11

- On September 13, 2011, Meridian made an in-kind transfer of assets valued at \$2,261,541 they deemed illiquid from Diversified ERISA Fund to a segregated account - MDF Special Investment Fund.
- On March 19, 2012, Meridian made an in-kind transfer of assets from the Diversified ERISA Fund valued at \$497,158 they deemed illiquid to the segregated account, MDF Special Investments SPC, Ltd/MDEF June 2011.
- Total distributions received from the manager to date total \$2,493,242.

Manager Summary

- On February 20, 2018, the manager communicated that effective January 1, 2018, in connection with the manager's efforts to streamline operations, Meridian Capital Partners Inc. became the segregated portfolios' new investment manager, replacing Meridian Diversified Fund Management, LLC. The firm made a decision to manage one entity going forward instead of two separate entities as a matter of efficiency. The manager stated there is no change to the underlying investor. The operations of MDF Special Investments SPC, Ltd. will remain the same under Meridian Capital Partners, Inc. Meridian Capital Partners, Inc. and Meridian Diversified Fund Management, LLC are wholly owned by the same employees in the same percentages and are registered as an investment adviser with the U.S. Securities and Exchange Commission under the same Form ADV.

Recommendation: A full redemption request for Meridian Diversified ERISA Fund was submitted. Liquidity of the MDF Special Investments is at the discretion of the manager. (Status : In process)

Compliance Summary

Commingled Fund: Due to the commingled fund structures, 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.

Items of Interest: In an email dated September 25, 2018 manager stated as previously explained, IPS clients no longer own shares of Meridian Diversified ERISA Fund. They have all fully redeemed from that fund and as a result they own shares of MDF Special Investments, which are side pocket liquidating funds that are in wind down mode. As the managers are able to liquidate their holdings, cash distributions will be made to the shareholders until the entire position is realized in full. Manager noted that due to this they do not complete checklists.

Commission Recapture Provider

- Cowen Execution Services, LLC.
- On April 3, 2017, Cowen Group announced the signing of a definitive agreement to acquire ConvergeEx Group. IPS contacted John Seyler at ConvergeEx to discuss the transaction. Per ConvergeEx, there will be no impact to existing ConvergeEx clients and a consent to assignment is not required. The transaction closed on June 1, 2017. Following the acquisition, the name changed to Cowen Execution Services, LLC.
- As a result of this transaction, CovergeEx's Plan Sponsor Division, renamed Cowen Execution Services, LLC, will be moved into Cowen and Company, LLC. You may have received correspondence from Cowen regarding "assignment" of your current agreement with Cowen Execution Services to Cowen and Company. IPS has been in contact with Cowen and recommends that you agree to the assignment. The notice sent by Cowen is structured as a negative consent; therefore, agreeing to the assignment requires no action.
- IPS evaluated the benefits of ongoing participation in a commission recapture program and suggests Funds continue to participate in them. To potentially enhance the manager's utilization of your commission recapture program, IPS will work with your Fund Administrator to send reminder letters to investment managers in early 2019.

Custody Bank

- The current custodian is PNC Bank.

Investment Policy Statement

- Investment policy statement was adopted in August 2014.

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.

Proxy Voting

- Pursuant to its Agreement with the Fund, responsibility for the exercise of ownership rights including the right to vote proxies is delegated to Marco Consulting Group, which is expected to vote all proxies in accordance with applicable law and the fiduciary responsibility provisions of ERISA. To enable the Trustees to monitor proxy voting, the Investment Managers shall submit to Marco any proxies for the Fund, on a monthly basis.



FELRA And UFCW Pension Fund

Appendix

FELRA and UFCW Pension Fund - Cash Flow Analysis

Quarter Ending	Beginning Market Value	Net Contributions / Withdrawals	Appreciation / Depreciation	Ending Market Value
Jun-07	\$1,022,480,857	(\$23,258,483)	\$46,321,283	\$1,045,543,657
Sep-07	\$1,045,543,657	(\$22,459,914)	\$11,331,636	\$1,034,415,379
Dec-07	\$1,034,415,379	(\$25,451,080)	(\$2,120,738)	\$1,006,843,561
Mar-08	\$1,006,843,561	(\$22,535,849)	(\$56,423,714)	\$927,883,998
Jun-08	\$927,883,998	(\$22,279,057)	\$3,761,688	\$909,366,629
Sep-08	\$909,366,629	(\$20,509,818)	(\$80,014,998)	\$808,841,813
Dec-08	\$808,841,813	(\$20,711,188)	(\$113,094,795)	\$675,035,830
Mar-09	\$675,035,830	(\$20,585,950)	(\$39,228,598)	\$615,221,281
Jun-09	\$615,221,281	(\$20,646,824)	\$46,554,642	\$641,129,099
Sep-09	\$641,129,099	(\$15,477,240)	\$51,866,729	\$677,518,587
Dec-09	\$677,518,587	(\$20,301,671)	\$16,291,888	\$673,508,804
Mar-10	\$673,508,804	(\$23,964,727)	\$24,806,670	\$674,350,747
Jun-10	\$674,350,747	(\$14,607,147)	(\$28,805,278)	\$630,938,322
Sep-10	\$630,938,322	(\$18,531,935)	\$48,030,080	\$660,436,468
Dec-10	\$660,436,468	(\$19,020,364)	\$39,663,596	\$681,079,700
Mar-11	\$681,079,700	(\$19,226,978)	\$23,472,595	\$685,325,318
Jun-11	\$685,325,317	(\$19,226,221)	\$7,939,126	\$674,038,223
Sep-11	\$674,038,223	(\$17,543,142)	(\$54,950,333)	\$601,544,748
Dec-11	\$601,544,748	(\$17,996,347)	\$26,652,623	\$610,201,024
Mar-12	\$610,201,024	(\$18,424,045)	\$41,651,407	\$633,428,386
Jun-12	\$633,428,386	(\$19,565,191)	(\$12,196,300)	\$601,666,895
Sep-12	\$601,666,895	(\$19,502,528)	\$27,990,815	\$610,155,182
Dec-12	\$610,155,182	(\$19,736,735)	\$13,322,360	\$603,740,808
Mar-13	\$603,740,808	(\$21,331,110)	\$25,836,469	\$608,246,166
Jun-13	\$608,246,166	(\$22,971,241)	(\$3,558,977)	\$581,715,949
Sep-13	\$581,715,949	(\$22,792,009)	\$29,121,566	\$588,045,505
Dec-13	\$588,045,505	(\$23,020,041)	\$29,768,336	\$594,793,801
Mar-14	\$594,793,801	(\$22,948,172)	\$11,617,817	\$583,463,445
Jun-14	\$583,463,445	(\$23,781,419)	\$20,935,774	\$580,617,800
Sep-14	\$580,617,800	(\$23,973,486)	(\$7,324,690)	\$549,319,624
Dec-14	\$549,319,624	(\$24,616,981)	\$6,603,834	\$531,306,478
Mar-15	\$531,306,478	(\$23,458,617)	\$17,197,180	\$525,045,041
Jun-15	\$525,045,041	(\$24,143,915)	\$5,472,944	\$506,374,069
Sep-15	\$506,374,069	(\$24,112,722)	(\$22,853,704)	\$459,407,643
Dec-15	\$459,407,643	(\$27,542,185)	\$12,993,637	\$444,859,095
Mar-16	\$444,859,095	(\$26,773,145)	\$1,631,135	\$419,717,085
Jun-16	\$419,717,085	(\$26,381,540)	\$6,603,058	\$399,938,603
Sep-16	\$399,938,603	(\$36,893,297)	\$12,191,625	\$375,236,931
Dec-16	\$375,236,931	(\$16,095,723)	\$8,021,326	\$367,162,534
Mar-17	\$367,162,534	(\$26,515,622)	\$12,883,529	\$353,530,441
Jun-17	\$353,530,441	(\$26,489,842)	\$5,533,760	\$332,574,360
Sep-17	\$332,574,360	(\$26,197,063)	\$8,419,541	\$314,796,838
Dec-17	\$314,796,838	(\$25,843,977)	\$9,214,416	\$298,167,277
Mar-18	\$298,167,277	(\$25,673,057)	(\$709,162)	\$271,785,057
Jun-18	\$271,785,057	(\$23,495,940)	\$2,668,486	\$250,957,604
Sep-18	\$250,957,604	(\$27,227,771)	\$7,572,457	\$231,302,290
		(\$1,033,841,309)	\$242,662,739	

Performance Summary (Net of Fees) - Annualized

			Ending September 30, 2018								
	Market Value	% of Portfolio	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Total Fund	\$231,312,290	100.0%	3.0%	3.5%	6.6%	8.3%	6.9%	8.5%	6.4%	6.1%	Jan-97
Total Fund Domestic Equity	\$80,678,385	34.9%	6.8%	8.6%	15.8%	16.0%	12.4%	15.5%	11.1%	7.7%	Jul-97
S&P 500			7.7%	10.6%	17.9%	17.3%	13.9%	16.9%	12.0%	7.8%	Jul-97
Russell 2000			3.6%	11.5%	15.2%	17.1%	11.1%	16.4%	11.1%	8.5%	Jul-97
Wedge Capital Management	\$32,865,727	14.2%	6.3%	4.8%	12.3%	14.8%	12.2%	15.6%	11.2%	8.7%	Jan-05
Russell 1000 Value			5.7%	3.9%	9.5%	13.6%	10.7%	15.0%	9.8%	7.5%	Jan-05
Vanguard Total Stock Mkt Idx Fund	\$47,812,658	20.7%	7.1%	10.6%	17.6%	17.1%	--	--	--	12.0%	May-14
CRSP US Total Market TR USD			7.1%	10.6%	17.6%	17.1%	--	--	--	12.0%	May-14
Total Investment Grade Fixed Income	\$69,692,973	30.1%	0.5%	0.1%	-0.1%	1.4%	1.9%	2.2%	3.9%	3.1%	Jun-07
Custom Benchmark Fixed Income			0.3%	-0.4%	-0.6%	1.0%	1.6%	1.6%	3.5%	3.6%	Jun-07
Segall Bryant & Hamill	\$69,692,973	30.1%	0.5%	0.1%	-0.1%	1.4%	1.9%	1.8%	--	3.6%	Jan-09
Custom Benchmark Segall			0.3%	-0.4%	-0.6%	1.0%	1.6%	1.6%	--	3.1%	Jan-09
Total Short Duration High Yield Fixed Income	\$4,258,971	1.8%	1.4%	1.5%	1.5%	3.8%	3.0%	5.2%	6.9%	5.6%	Jun-07
Custom Benchmark			1.6%	2.1%	2.2%	4.7%	3.8%	6.0%	7.8%	5.8%	Jun-07
Chartwell Short Duration High Yield	\$4,258,971	1.8%	1.4%	1.5%	1.5%	3.8%	3.0%	--	--	3.0%	Oct-13
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			1.6%	2.1%	2.2%	4.7%	3.8%	--	--	3.8%	Oct-13
BBgBarc 1-3 Yr BB U.S. Constrained Index			1.4%	2.1%	2.3%	5.0%	3.8%	--	--	3.8%	Oct-13
Total Fund Global Bond	\$28,216,383	12.2%	1.1%	0.0%	-1.7%	3.2%	--	--	--	1.1%	Jun-15
Franklin Templeton Global Bond Plus Trust	\$28,216,383	12.2%	1.1%	0.0%	-1.7%	3.2%	--	--	--	1.1%	Jun-15

Performance Summary (Net of Fees) - Annualized

			Ending September 30, 2018								
	Market Value	% of Portfolio	2018 Q3	YTD	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	Inception	Inception Date
Total Fund Real Estate	\$14,339,240	6.2%	1.3%	4.6%	5.9%	7.0%	9.1%	10.1%	4.9%	7.7%	Oct-03
NCREIF ODCE Equal Weighted Index			2.1%	6.5%	8.7%	9.1%	10.9%	11.2%	5.4%	8.0%	Oct-03
JP Morgan Real Estate Strategic Property - Core Investments	\$14,339,240	6.2%	1.3%	4.6%	5.9%	7.0%	9.1%	10.1%	5.0%	7.8%	Oct-03
NCREIF ODCE Equal Weighted Index			2.1%	6.5%	8.7%	9.1%	10.9%	11.2%	5.4%	8.0%	Oct-03
Total Fund Hedge Fund of Funds	\$2,273,147	1.0%									
LumX Asset Management	\$175,840	0.1%									
EnTrust Capital Diversified Peru Class X	\$2,097,307	0.9%									
Total Fund GTAA	\$28,824,200	12.5%	1.2%	0.0%	3.4%	8.6%	5.8%	6.9%	--	5.6%	Apr-10
65% MSCI World Index/35% CitigroupWGBI			2.6%	2.6%	6.7%	9.4%	6.2%	8.1%	--	6.8%	Apr-10
First Eagle Global Value	\$28,824,200	12.5%	1.2%	0.0%	3.4%	9.5%	--	--	--	4.8%	Sep-14
65% MSCI World Index/35% CitigroupWGBI			2.6%	2.6%	6.7%	9.4%	--	--	--	4.9%	Sep-14
Total Fund Cash	\$2,827,196	1.2%	0.5%	1.0%	1.2%	0.6%	0.4%	0.3%	0.3%	--	Jul-06
PNC STIF	\$2,827,196	1.2%	0.5%	1.0%	1.2%	0.6%	0.4%	0.3%	0.7%	1.6%	Jul-06
91 Day T-Bills			0.5%	1.3%	1.6%	0.9%	0.5%	0.4%	0.3%	0.9%	Jul-06
Total Fund Other	\$201,795	0.1%									
MDF Special Investments SPC, Ltd. / MDEF June 2011 / Pool 12/11											

Benchmark History
As of September 30, 2018

Total Investment Grade Fixed Income

4/1/2018	Present	BBgBarc US Govt/Credit 1-3 Yr. TR 100%
9/1/2013	3/31/2018	BBgBarc US Govt/Credit Int TR 100%
6/1/2007	8/31/2013	BBgBarc US Aggregate TR 100%

Benchmark History
As of September 30, 2018

Total Short Duration High Yield Fixed Income

9/1/2013	Present	BofA ML - U.S. HY Cash Pay 1-3 Yr BB 100%
6/1/2007	8/31/2013	ICE BofAML BB-B US High Yield Cash Pay TR 100%

Footnotes

- Montag & Caldwell was terminated on 8/1/2006 and funds were transferred to Capital Management Associates.
- Fountain was terminated and assets moved to Lazard High Yield on 7/2/07.
- Ark was terminated and assets moved to Westwood on 8/1/07.
- 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.
- Net of fee returns are net of investment manager fees and are estimated. NOF calculations began 3rd. Quarter 2004 and cannot be calculated for prior time periods.
- Gottex Fund Management Holdings Ltd. values, flows, and returns are provided by Gottex and cannot be independently verified.
- Segall Bryant & Hamill hired with initial funding from Logan Circle Partners on 11/14/08 in the amount of \$39,669,926.
- On 12/16/16 Tremont Recovery amount of \$215,947 was transferred to the cash account. The Tremont Recovery payment is reflected as a gain in the Hedge Fund of Funds group.
- The following composite returns prior to 1st quarter 2010 do not include cash in the calculation of returns.
 - Total Fund Domestic Equity
 - Total Fund International Equity
 - Total Domestic Fixed Investment Grade
 - Total Fixed High Yield
 - Total Fund Real Estate
 - Total Fund Hedge Fund of Fund
 - Total Fund GTAA/Risk Parity
- Separately managed account returns are calculated by IPS using custodian data.
- Hedge Fund of Funds returns are based on the manager provided estimated value.
- Values, flows and returns for all commingled funds, mutual funds, and partnerships are provided by the firm managing the assets and cannot be verified by IPS.

Index Disclosure

- Barclays 1-3 Yr BB U.S. Constrained Index - listed for illustrative purposes only.
- NCREIF ODCE Equal Weighted Index – During 2nd Quarter 2014 IPS changed the NCREIF ODCE index to the NCREIF ODCE Equal Weighted Index. The NCREIF ODCE equal weighted index is a better benchmark for comparison in client reports and more representative of the investment opportunities in the real estate class. The cap weighted index is biased and returns are influenced by several large contributors.

ERISA Pension Investment Conference

April 24 – 27, 2018

- The following investment managers and providers attended and helped to defray the cost of IPS' annual ERISA Pension Investment 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 who may pay to attend EPIC.

Aberdeen Asset Management
Amalgamated Bank of Chicago
American Realty Advisors
ASB Capital Management
Atlanta Capital Management
BlackRock
Boyd Watterson
Brown Advisory
Chartwell Investment Partners
Christenson Investment Partners
Corbin Capital Partners
Corry Capital Advisors
Earnest Partners
Eaton Vance Management
EnTrustPermal
First Eagle Investment Mgmt.
Foundry Partners
Fred Alger Management
GAMCO Asset Management
GCM Grosvenor

Glouston Capital Partners
GoldenTree Asset Management
Great Lakes Advisors
Hach Rose Schirripa & Cheverie
Hamilton Lane Advisors
Hardman Johnston Global Advisors
HPS Investment Partners
Intercontinental Real Estate Corp.
Invesco Advisers, Inc.
Janus Henderson Investors
JP Morgan Asset Management
Kearney Capital LLC
Lord Abbett & Co.
LSV Asset Management
MacKay Shields
McMorgan & Company
MEPT/Bentall Kennedy
National Investment Services
Neuberger Berman
Patriot Financial Partners

PENN Capital Management
PNC Capital Advisors
Post Advisory Group
Principal Global Investors
Quantitative Management Associates
Rothschild Asset Management
Ryan Labs Asset Management
Schroders Investment Management
Segall Bryant & Hamill
Sierra Investment Partners
Smith Graham & Co.
The Boston Company
BNY Mellon Asset Management
Ullico Investment Company
Vista Underwriting Partners
Victory Capital Management
Washington Capital Management
WEDGE Capital Management
Wellington Management Company
Westfield Capital Management
William Blair & Company



FELRA And UFCW Pension Fund

Preliminary Monthly Performance Analysis

Period Ended

October 31, 2018

FELRA and UFCW Pension Fund

Preliminary Monthly Performance Analysis as of October 31, 2018

Total Plan Growth of Assets

Summary of Cash Flows

	Last Month	Year-To-Date
Beginning Market Value	\$231,312,290	\$298,167,277
Net Cash Flow	-\$10,218,846	-\$86,615,614
Net Investment Change	-\$6,808,834	\$2,732,947
Ending Market Value	\$214,284,610	\$214,284,610

Note: The Fund's fiscal year end is 12/31.

FELRA and UFCW Pension Fund

Preliminary Monthly Performance Analysis as of October 31, 2018

Allocation vs. Policy

	Current Balance	Current Allocation	Policy	Policy Range	Difference	Difference
Domestic Equity	\$70,688,110	33.0%	30.0%	20.0% - 40.0%	3.0%	\$6,402,727
Investment Grade Bonds	\$69,744,402	32.5%	25.0%	10.0% - 40.0%	7.5%	\$16,173,250
Opportunistic Fixed Income	\$28,672,648	13.4%	10.0%	0.0% - 20.0%	3.4%	\$7,244,187
Short Duration High Yield Bonds	\$4,243,027	2.0%	5.0%	0.0% - 10.0%	-3.0%	-\$6,471,203
Real Estate	\$7,251,933	3.4%	10.0%	0.0% - 30.0%	-6.6%	-\$14,176,528
Global Tactical Asset Allocation	\$27,523,794	12.8%	15.0%	0.0% - 30.0%	-2.2%	-\$4,618,898
Cash Equivalents / Other	\$3,895,564	1.8%	5.0%	0.0% - 20.0%	-3.2%	-\$6,818,666
Hedge Fund of Funds	\$2,265,132	1.1%	0.0%	0.0% - 0.0%	1.1%	\$2,265,132
International Equity	--	--	0.0%	0.0% - 0.0%	0.0%	\$0
Emerging Markets Equity	--	--	0.0%	0.0% - 0.0%	0.0%	\$0
Total	\$214,284,610	100.0%	100.0%			

FELRA and UFCW Pension Fund

Preliminary Monthly Performance Analysis as of October 31, 2018

Performance Summary (Gross of Fees) - Annualized

	Market Value	% of Portfolio	Ending October 31, 2018	
			1 Mo	YTD
Total Fund	\$214,284,610	100.0%	-3.0%	0.7%
Total Fund Domestic Equity	\$70,688,110	33.0%	-7.8%	0.3%
S&P 500			-6.8%	3.0%
Russell 2000			-10.9%	-0.6%
Wedge Capital Management	\$30,111,017	14.1%	-8.4%	-3.6%
Russell 1000 Value			-5.2%	-1.5%
Vanguard Total Stock Mkt Idx Fund	\$40,577,093	18.9%	-7.4%	2.5%
CRSP US Total Market TR USD			-7.4%	2.4%
Total Investment Grade Fixed Income	\$69,744,402	32.5%	0.1%	0.3%
Custom Benchmark Fixed Income			0.1%	-0.3%
Segall Bryant & Hamill	\$69,744,402	32.5%	0.1%	0.3%
Custom Benchmark Segall			0.1%	-0.3%
Total Short Duration High Yield Fixed Income	\$4,243,027	2.0%	-0.4%	1.5%
Custom Benchmark			-0.3%	1.9%
Chartwell Short Duration High Yield	\$4,243,027	2.0%	-0.4%	1.5%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			-0.3%	1.9%
Total Fund Global Bond	\$28,672,648	13.4%	1.6%	2.1%
Franklin Templeton Global Bond Plus Trust	\$28,672,648	13.4%	1.6%	2.1%

FELRA and UFCW Pension Fund

Preliminary Monthly Performance Analysis as of October 31, 2018

Performance Summary (Gross of Fees) - Annualized

	Market Value	% of Portfolio	Ending October 31, 2018	
			1 Mo	YTD
Total Fund Real Estate	\$7,251,933	3.4%	0.3%	6.3%
JP Morgan Real Estate Strategic Property - Core Investments	\$7,251,933	3.4%	0.3%	6.3%
Total Fund Hedge Fund of Funds	\$2,265,132	1.1%		
LumX Asset Management	\$175,840	0.1%		
EnTrust Capital Diversified Peru Class X	\$2,089,292	1.0%		
Total Fund GTAA	\$27,523,794	12.8%	-4.4%	-3.8%
65% MSCI World Index/35% CitigroupWGBI			-5.2%	-2.6%
First Eagle Global Value	\$27,523,794	12.8%	-4.4%	-3.8%
65% MSCI World Index/35% CitigroupWGBI			-5.2%	-2.6%
Total Fund Cash	\$3,693,769	1.7%	0.1%	1.1%
PNC STIF	\$3,693,769	1.7%	0.1%	1.1%
91 Day T-Bills			0.2%	1.5%
Total Fund Other	\$201,795	0.1%		
MDF Special Investments SPC, Ltd. / MDEF June 2011 / Pool 12/11	\$201,795	0.1%		

FELRA and UFCW Pension Fund

Preliminary Monthly Performance Analysis as of October 31, 2018

Performance Summary (Net of Fees) - Annualized

	Market Value	% of Portfolio	Ending October 31, 2018	
			1 Mo	YTD
Total Fund	\$214,284,610	100.0%	-3.0%	0.2%
Total Fund Domestic Equity	\$70,688,110	33.0%	-7.8%	0.1%
S&P 500			-6.8%	3.0%
Russell 2000			-10.9%	-0.6%
Wedge Capital Management	\$30,111,017	14.1%	-8.4%	-4.0%
Russell 1000 Value			-5.2%	-1.5%
Vanguard Total Stock Mkt Idx Fund	\$40,577,093	18.9%	-7.4%	2.4%
CRSP US Total Market TR USD			-7.4%	2.4%
Total Investment Grade Fixed Income	\$69,744,402	32.5%	0.1%	0.1%
Custom Benchmark Fixed Income			0.1%	-0.3%
Segall Bryant & Hamill	\$69,744,402	32.5%	0.1%	0.1%
Custom Benchmark Segall			0.1%	-0.3%
Total Short Duration High Yield Fixed Income	\$4,243,027	2.0%	-0.4%	1.1%
Custom Benchmark			-0.3%	1.9%
Chartwell Short Duration High Yield	\$4,243,027	2.0%	-0.4%	1.1%
BofA ML - U.S. HY Cash Pay 1-3 Yr BB			-0.3%	1.9%
Total Fund Global Bond	\$28,672,648	13.4%	1.6%	1.6%
Franklin Templeton Global Bond Plus Trust	\$28,672,648	13.4%	1.6%	1.6%

FELRA and UFCW Pension Fund

Preliminary Monthly Performance Analysis as of October 31, 2018

Performance Summary (Net of Fees) - Annualized

	Market Value	% of Portfolio	Ending October 31, 2018	
			1 Mo	YTD
Total Fund Real Estate	\$7,251,933	3.4%	0.0%	4.5%
JP Morgan Real Estate Strategic Property - Core Investments	\$7,251,933	3.4%	0.0%	4.5%
Total Fund Hedge Fund of Funds	\$2,265,132	1.1%		
LumX Asset Management	\$175,840	0.1%		
EnTrust Capital Diversified Peru Class X	\$2,089,292	1.0%		
Total Fund GTAA	\$27,523,794	12.8%	-4.5%	-4.5%
65% MSCI World Index/35% CitigroupWGBI			-5.2%	-2.6%
First Eagle Global Value	\$27,523,794	12.8%	-4.5%	-4.5%
65% MSCI World Index/35% CitigroupWGBI			-5.2%	-2.6%
Total Fund Cash	\$3,693,769	1.7%	0.1%	1.1%
PNC STIF	\$3,693,769	1.7%	0.1%	1.1%
91 Day T-Bills			0.2%	1.5%
Total Fund Other	\$201,795	0.1%		
MDF Special Investments SPC, Ltd. / MDEF June 2011 / Pool 12/11	\$201,795	0.1%		

Footnotes

- In 10/18, \$7,081,736 was transferred from JPM Startegic Property to PNC STIFF.
- In 10/18, \$4,000,000 was transferred from Vanguard Total Stock Mkt Idx to PNC STIFF.

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
