

Investment Performance Review
Period Ending March 31, 2019

Killeen Firefighters' Relief & Retirement Fund

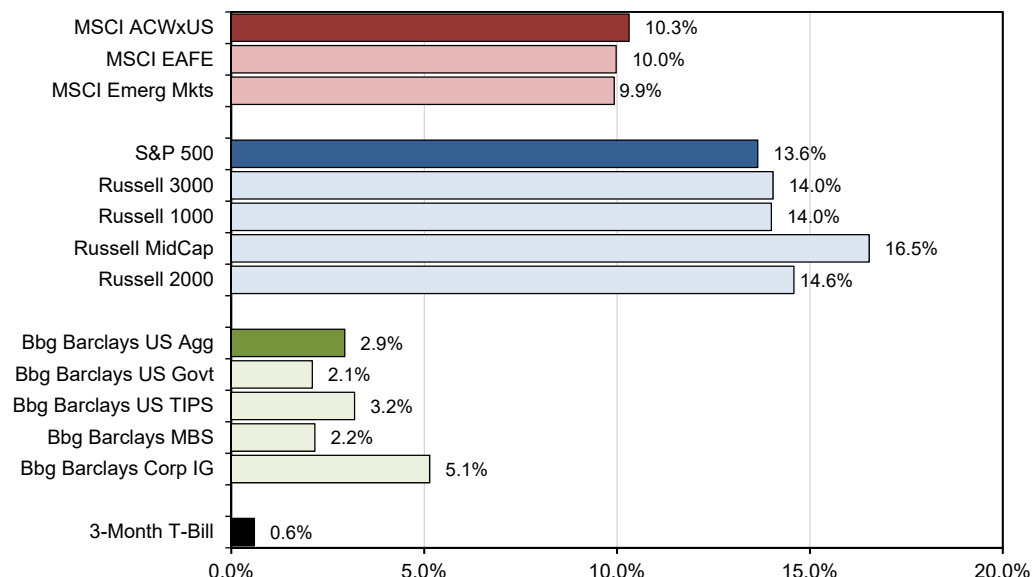


1st Quarter 2019 Market Environment

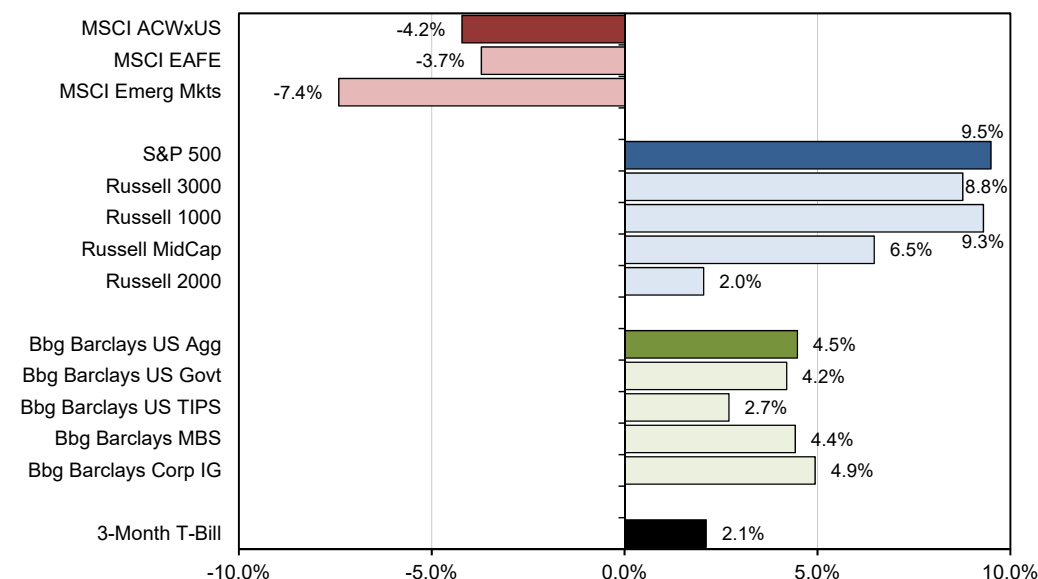


- After a difficult end to 2018, markets rebounded strongly during the 1st quarter of 2019 with higher risk assets posting the greatest returns. Broad international and domestic equity markets had double-digit gains during the period as investors overlooked signs of weakening global growth in favor of increased accommodation in global monetary policy and progress in global trade negotiations. While muted relative to equities, fixed income returns were also positive during the quarter. Within equities, domestic stocks outperformed international markets. US markets pushed higher as the US Federal Reserve (Fed) shifted their stance on monetary policy toward a more accommodative posture, the US and China moved closer to a resolution of their ongoing trade dispute and the partial government shutdown that began in December came to an end. The large cap S&P 500 Index returned 13.6% during the quarter while the small cap Russell 2000 Index gained 14.6% for the period. US equity returns over the 1-year period are positive with the S&P 500 appreciating 9.5% while the Russell 2000 posted a more modest gain of 2.0%.
- Similar to US markets, international equity investors were encouraged by a general easing in central bank monetary policy, including new stimulus measures in Europe and China, as well as the de-escalation of trade tensions with the US. Despite the continued softening in global macroeconomic data and the lack of certainty around Brexit, international equity index returns finished the quarter in positive territory with the MSCI ACWI ex US Index returning 10.3%. The developed market MSCI EAFE Index and the MSCI Emerging Markets Index had similar performance during the 1st quarter returning 10.0% and 9.9% respectively. Despite the strong quarter, returns over the 1-year period remain negative with developed markets falling -3.7%, outperforming emerging markets which fell -7.4%.
- Fixed income securities underperformed equities to start 2019 with the broad market Bloomberg Barclays Aggregate Index returning 2.9%. Interest rates fell for all maturities across the US Treasury Yield Curve as Fed guidance signaled a pause in monetary policy tightening through 2019. Interest rates in the middle of the curve saw the greatest declines causing the curve to invert with shorter-term maturities paying higher interest rates than those in the middle of the curve. This has historically preceded a recession by 6-24 months. Investment grade corporate issues were the best performing securities this quarter, outperforming Treasury and securitized issues. The Bloomberg Barclays Corporate IG Index returned 5.1% for the period, as corporate credit had tailwinds due to its greater interest rate sensitivity, higher yields and tightening credit spreads. Corporate issues also outperformed the other major fixed income sectors over the 1-year period, returning 4.9% versus a 4.5% return for the Bloomberg Barclays Aggregate Index.

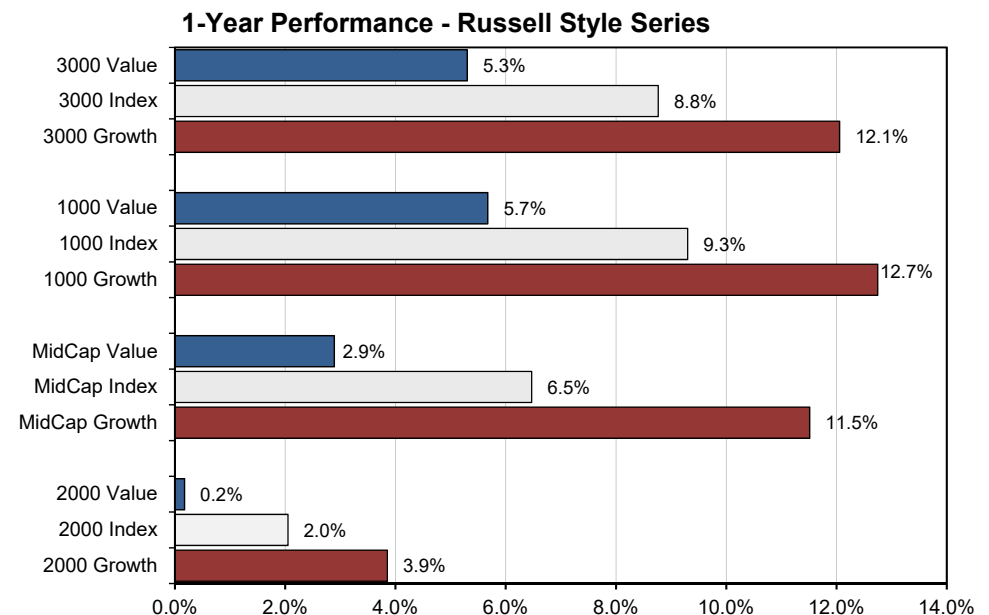
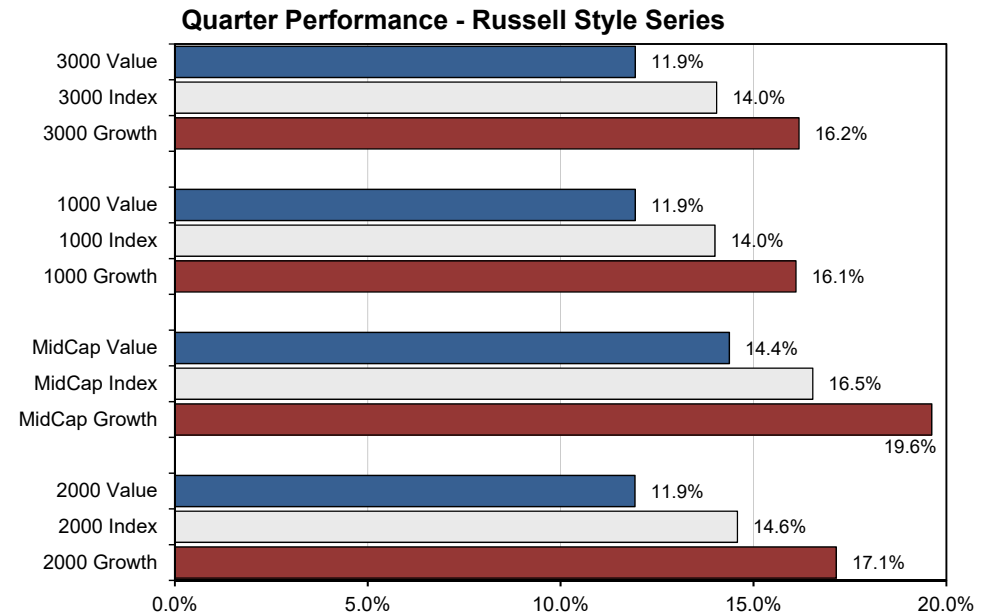
Quarter Performance



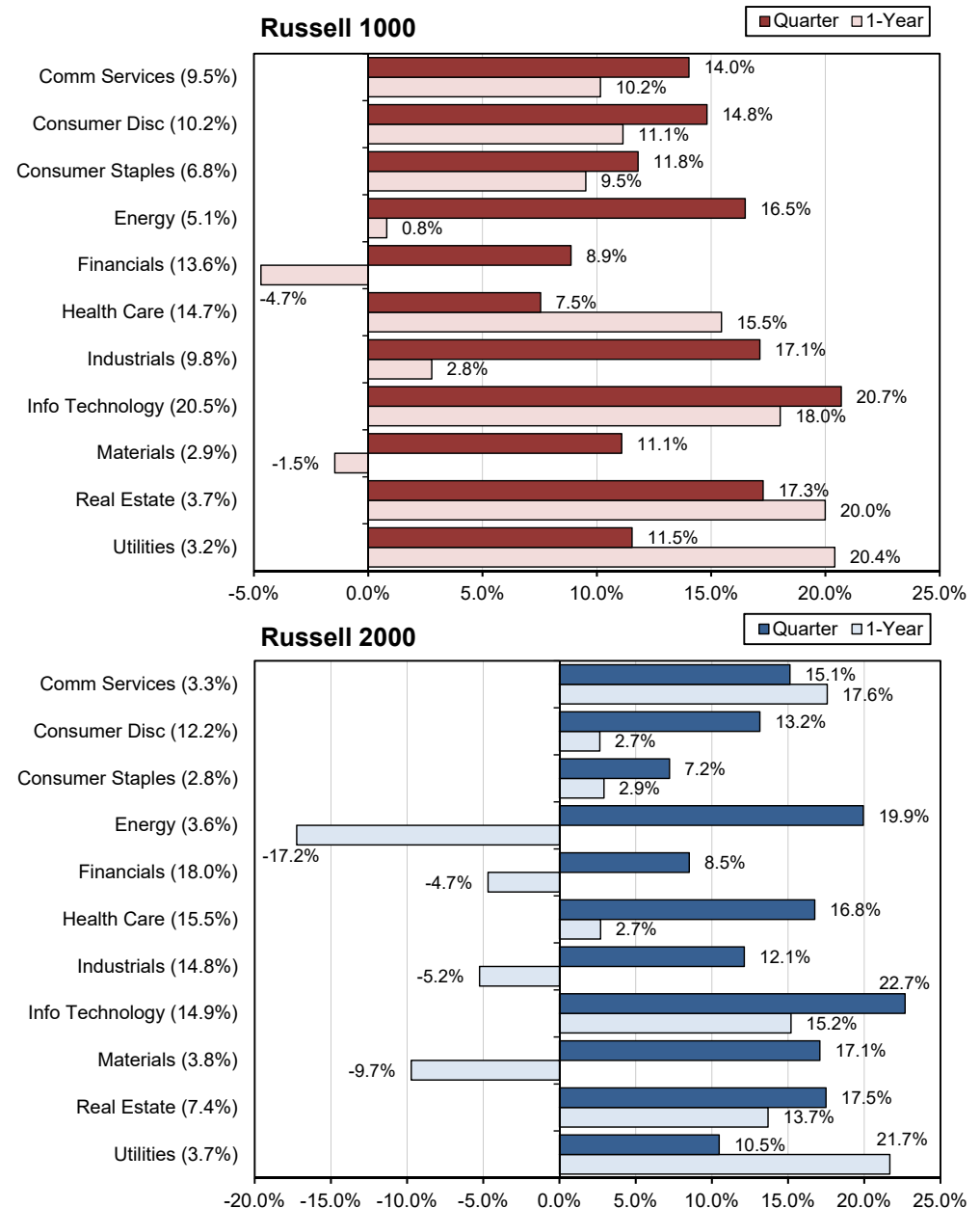
1-Year Performance



- US equity index returns were strongly positive across the style and capitalization spectrum to start the year with all indices posting double digit returns. Macroeconomic data released during the quarter was mixed with disappointing data released late in the quarter for GDP and employment being particularly notable. Even though earnings reported during the period were viewed favorably, many companies provided negative forward earnings guidance due to slowing global growth, trade concerns and the fading effects of US tax reform. However, investor concerns over the economy were overshadowed by positive developments in trade negotiations with China and an accommodative shift in Fed monetary policy. With regards to trade, President Trump delayed the implementation of new Chinese tariffs scheduled for March 1st citing substantial progress in ongoing discussions. Stocks also rallied on Fed guidance to put further monetary policy tightening on hold as they lowered projections for growth and inflation. Lastly, we saw the end of the partial government shutdown that began in December due to a partisan disagreement over funds for the construction of a border wall with Mexico. While the spending bill that passed did not budget for the wall, President Trump declared a national state of emergency later in the quarter in order to secure the needed funding.
- During the quarter, mid cap stocks were the best performers while small cap stocks outperformed large cap equities across growth, value and core indices. The Russell MidCap Index gained 16.5% during the period versus a 14.6% return for the small cap Russell 2000 Index and a 14.0% gain on the large cap Russell 1000 Index. Part of the reason for strength in small cap names is the projected hold on interest rate increases that occurred over 2018 as small and mid-cap companies typically maintain higher percentages of debt than their large cap peers. Small and mid-cap companies are usually more domestically focused which will serve as a tailwind in periods where the US economy is on stronger footing than international markets. It is also not unusual for smaller market cap stocks to outperform in risk-on market environments. When viewed over the most recent 1-year period, large cap stocks outperformed relative to small cap stocks. The Russell 1000 returned 9.3% for the year while the Russell 2000 gained only 2.0%.
- Growth indices outperformed value indices across the market cap spectrum during the 1st quarter. Growth stocks have outperformed value in all but one quarter over the last two years. The Russell MidCap Growth Index was the best performing style index for the period, returning 19.6% for the quarter. The large cap and small cap value indices had the lowest relative returns, both gaining 11.9%. The trend of growth outperformance is also visible over the 1-year period as growth indices have benefitted from larger exposures to technology which has been a large driver of index performance over the last year, as well as a meaningful underweight to financials which has been a relative detractor.



- Sector performance was broadly positive across large cap sectors for the 1st quarter. There were strong gains for all sectors within the Russell 1000 Index during for the period with five sectors outpacing the return of the index. While the rally was broad with nine of eleven sectors posting double digit returns, cyclical sectors such as technology, industrials and energy were some of the best performers through the quarter returning 20.7%, 17.1% and 16.5% respectively. Technology stocks rose on strong earnings and attractive valuations following their 4th quarter 2018 sell off. Energy companies benefitted from a large rebound in oil prices which increased by over 30% during the quarter following an OPEC led supply cut and US sanctions against Iran and Venezuela. Industrial stocks, among others, gained on hopes that trade tensions between the US and China would continue to abate. REITs also had a particularly strong quarter, returning 17.3% as the prospect of lower interest rates acted as a tailwind. Financials and health care stocks were the worst performers during the period returning 8.9% and 7.5% respectively. Health care stocks faced uncertainty around the potential for future regulation following congressional hearings on drug pricing while the prospect of lower earnings due to a muted interest rate environment weighed on financial stocks. Returns over the 1-year period were positive with nine out of eleven sectors posting gains, six of which were over 10%. Utilities, REITs and information technology were the best performers returning 20.4%, 20.0% and 18.0% respectively. Financials and materials posted negative results at -4.7% and -1.5% while energy was only slightly positive at 0.8%.
- Quarterly results for small cap sectors were mixed relative to their large capitalization counterparts with six of eleven sectors outperforming their corresponding large cap equivalents. Like large caps, all eleven sectors produced gains during the period with six of eleven economic sectors outpacing the Russell 2000 Index return for the quarter and nine returning over 10.0%. Similar to large caps, cyclical sectors performed well with technology, energy and materials returning 22.7%, 19.9% and 17.1% respectively. Real estate also did well returning 17.5%. The largest detractors over the period were consumer staples, financials and utilities which still produced gains of 7.2%, 8.5% and 10.5%. Over the trailing 1-year period, returns varied significantly with four sectors posting double digit gains and four losing value. Despite a very strong quarter, energy stocks were the worst performers over the 1-year period, falling a considerable -17.2%, while the defensive utilities sector produced the greatest gains, appreciating 21.7%.



The Market Environment
Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000
As of March 31, 2019

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	3.42%	20.9%	14.9%	Information Technology
Microsoft Corp	3.39%	16.6%	30.8%	Information Technology
Amazon.com Inc	2.78%	18.6%	23.0%	Consumer Discretionary
Facebook Inc A	1.50%	27.2%	4.3%	Communication Services
Berkshire Hathaway Inc B	1.48%	-1.6%	0.7%	Financials
Johnson & Johnson	1.42%	9.0%	12.1%	Health Care
Alphabet Inc C	1.36%	13.3%	13.7%	Communication Services
Alphabet Inc A	1.33%	12.6%	13.5%	Communication Services
Exxon Mobil Corp	1.30%	19.8%	12.9%	Energy
JPMorgan Chase & Co	1.27%	4.6%	-5.6%	Financials

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Versum Materials Inc	0.02%	81.9%	34.7%	Information Technology
Coty Inc Class A	0.02%	77.3%	-34.3%	Consumer Staples
Nabors Industries Ltd	0.00%	72.5%	-48.7%	Energy
Sage Therapeutics Inc	0.03%	66.0%	-1.3%	Health Care
Wayfair Inc Class A	0.03%	64.8%	119.8%	Consumer Discretionary
Chipotle Mexican Grill Inc Class A	0.07%	64.5%	119.8%	Consumer Discretionary
Universal Display Corp	0.02%	63.5%	51.7%	Information Technology
Xerox Corp	0.02%	63.1%	15.7%	Information Technology
Floor & Decor Holdings Inc	0.01%	59.2%	-20.9%	Consumer Discretionary
bluebird bio Inc	0.03%	58.6%	-7.9%	Health Care

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Uniti Group Inc	0.01%	-27.8%	-23.8%	Real Estate
PG&E Corp	0.03%	-25.1%	-59.5%	Utilities
The Kraft Heinz Co	0.07%	-23.2%	-45.1%	Consumer Staples
Realogy Holdings Corp	0.01%	-21.8%	-57.3%	Real Estate
Nu Skin Enterprises Inc Class A	0.01%	-21.5%	-33.7%	Consumer Staples
Biogen Inc	0.18%	-21.4%	-13.7%	Health Care
Centennial Resource Development A	0.01%	-20.2%	-52.1%	Energy
CenturyLink Inc	0.04%	-19.3%	-19.0%	Communication Services
Qurate Retail Inc Class A	0.03%	-18.1%	-36.5%	Consumer Discretionary
Macy's Inc	0.03%	-18.0%	-15.2%	Consumer Discretionary

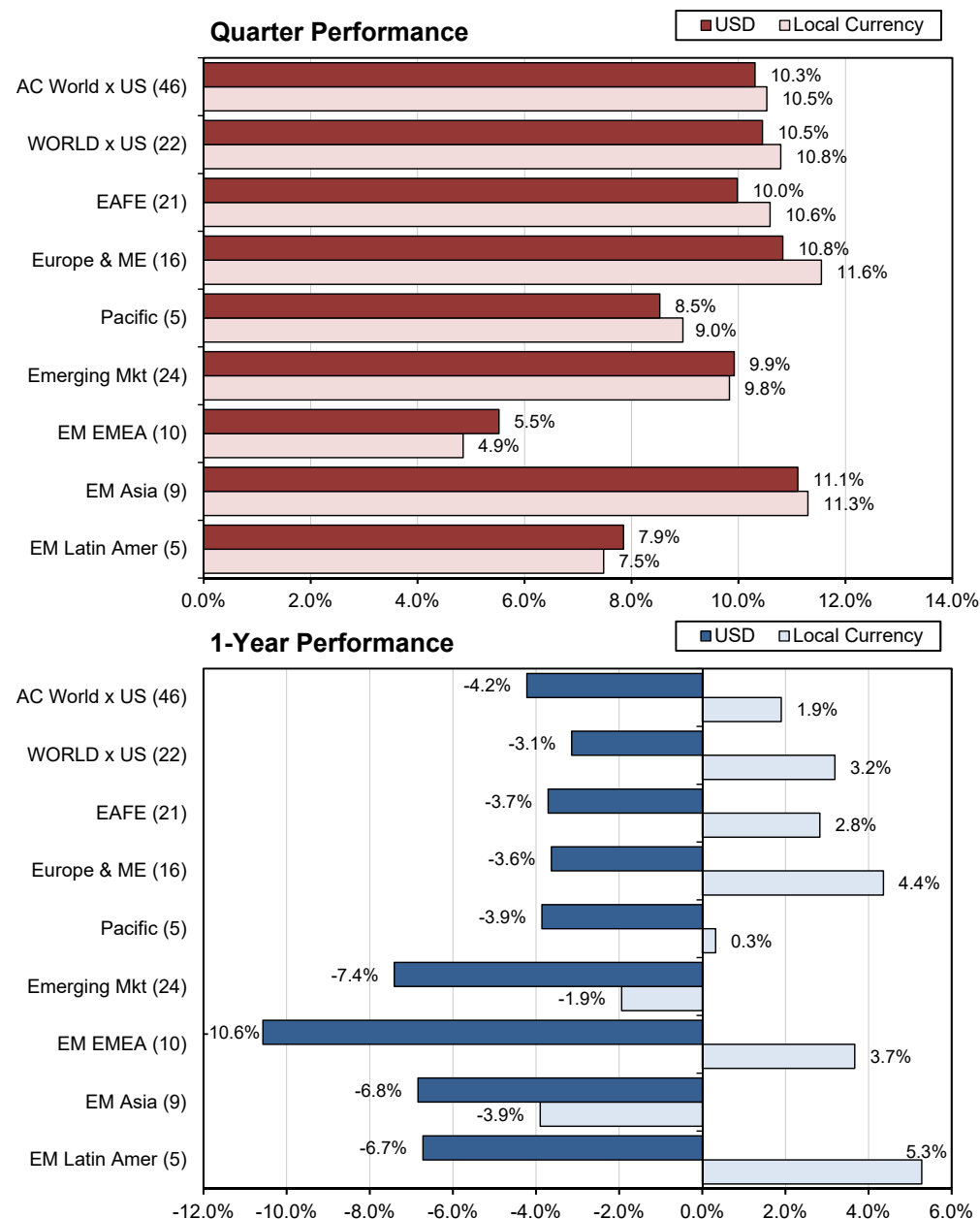
Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Etsy Inc	0.40%	41.3%	139.6%	Consumer Discretionary
Five Below Inc	0.33%	21.4%	69.4%	Consumer Discretionary
The Trade Desk Inc A	0.32%	70.6%	298.9%	Information Technology
Integrated Device Technology Inc	0.31%	1.2%	60.3%	Information Technology
HubSpot Inc	0.30%	32.2%	53.5%	Information Technology
Planet Fitness Inc A	0.30%	28.2%	81.9%	Consumer Discretionary
Cree Inc	0.29%	33.8%	41.9%	Information Technology
Ciena Corp	0.26%	10.1%	44.2%	Information Technology
Primerica Inc	0.26%	25.4%	27.7%	Financials
Array BioPharma Inc	0.25%	71.1%	49.4%	Health Care

Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Immune Design Corp	0.01%	350.0%	77.3%	Health Care
Diebold Nixdorf Inc	0.04%	344.6%	-28.1%	Information Technology
Constellation Pharmaceuticals Inc	0.01%	237.9%	N/A	Health Care
Flotek Industries Inc	0.01%	197.2%	-46.9%	Materials
Spark Therapeutics Inc	0.18%	191.0%	71.0%	Health Care
Magenta Therapeutics Inc	0.01%	188.9%	N/A	Health Care
ION Geophysical Corp	0.01%	178.8%	-46.7%	Energy
Catalyst Pharmaceuticals Inc	0.02%	165.6%	113.4%	Health Care
VirnetX Holding Corp	0.02%	163.8%	60.3%	Information Technology
Rockwell Medical Inc	0.01%	151.8%	9.2%	Health Care

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Zomedica Pharmaceuticals Corp	0.00%	-77.0%	-84.2%	Health Care
Aptinyx Inc	0.00%	-75.5%	N/A	Health Care
Alta Mesa Resources Inc Class A	0.00%	-73.5%	-96.7%	Energy
Novavax Inc	0.01%	-70.1%	-73.8%	Health Care
Maxar Technologies Inc	0.01%	-66.3%	-91.0%	Industrials
Solid Biosciences Inc	0.01%	-65.7%	22.7%	Health Care
Achaogen Inc	0.00%	-62.9%	-96.5%	Health Care
EP Energy Corp A	0.00%	-62.9%	-80.6%	Energy
Proteostasis Therapeutics Inc	0.00%	-61.1%	-73.5%	Health Care
Approach Resources Inc	0.00%	-59.4%	-86.4%	Energy



- Broad international equity returns were positive for the quarter in both local currency and USD terms. The MSCI ACWI ex US Index gained 10.5% in local currency terms and 10.3% in USD terms during the 1st quarter. Similar to US markets, international equity investors were encouraged by central bank responses to slowing global growth as they shifted towards more accommodative policies and the improvement in dialogue around global trade. Returns in local currency typically outperformed USD returns in the developed markets, as the USD continued to strengthen against most major developed currencies. While the currency effect was detrimental in developed markets, it acted as a slight tailwind in emerging markets. The USD strength is particularly noticeable over the 1-year period where local currency returns on the MSCI ACWI ex US Index were 1.9%, but after accounting for foreign exchange, translated to a loss of -4.2% for a USD investor.
- Fourth quarter results for developed market international indices were positive in both local currency and USD terms with the MSCI EAFE Index returning 10.6% and 10.0% respectively. Ongoing weakness in global economic reporting pushed major central banks to move toward less restrictive postures around monetary policy. In Europe, the European Central Bank (ECB) announced plans for additional stimulus while putting any future interest rate increases on hold until 2020. The Bank of England (BoE) left policy unchanged as uncertainties around Brexit coincided with a slowing economy. Prime Minister Theresa May held two votes on her withdrawal plan, both of which failed, forcing her to request an extension to the March 29th withdrawal deadline. Data from Japan drew concerns that the country's economy is contracting as corporate earnings, exports, manufacturing, retail sales and inflation all hinted at an economic slowdown. The MSCI EAFE Index returned 2.8% and -3.7% for the last twelve months in local currency and USD terms respectively.
- Emerging markets slightly underperformed relative to developed markets for the 1st quarter, but still appreciated in both local currency and USD terms with the MSCI Emerging Markets Index returning 9.8% and 9.9% respectively. A major tailwind for equity markets was the improvement in trade relations between the US and China. As Chinese economic data appeared to be slowing, the Chinese government also announced continued stimulus in the form of tax cuts, infrastructure investment and lowered the reserve requirement for banks in order to encourage lending. We also saw commodity prices rise over the quarter which is generally beneficial to emerging market countries with rising oil prices helping Russian and Colombian equity returns. In Brazil, President Jair Bolsonaro officially took office. Bolsonaro announced his plan to reform the country's debt laden pension system and promised market friendly economic reforms. One year returns for the MSCI Emerging Market Index were -1.9% in local currency terms and -7.4% in USD terms.



The Market Environment
US Dollar International Index Attribution & Country Detail
As of March 31, 2019

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.4%	4.3%	-4.5%
Consumer Discretionary	11.0%	7.5%	-10.4%
Consumer Staples	11.8%	12.4%	3.3%
Energy	5.9%	10.4%	4.6%
Financials	18.9%	6.9%	-12.7%
Health Care	11.3%	11.2%	7.4%
Industrials	14.4%	10.6%	-5.4%
Information Technology	6.3%	15.3%	-3.8%
Materials	7.5%	13.2%	-3.0%
Real Estate	3.9%	14.0%	4.2%
Utilities	3.7%	9.0%	8.7%
Total	100.0%	10.0%	-3.7%

MSCI - ACWIxUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	7.1%	6.9%	-1.8%
Consumer Discretionary	11.1%	11.2%	-10.3%
Consumer Staples	9.9%	11.2%	1.6%
Energy	7.4%	12.4%	5.2%
Financials	21.6%	7.7%	-9.4%
Health Care	8.4%	11.0%	4.4%
Industrials	11.7%	10.2%	-4.9%
Information Technology	8.4%	14.7%	-7.3%
Materials	7.6%	11.3%	-3.6%
Real Estate	3.5%	14.4%	2.8%
Utilities	3.3%	8.2%	6.1%
Total	100.0%	10.3%	-4.2%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	12.3%	9.5%	-3.3%
Consumer Discretionary	13.4%	20.8%	-13.2%
Consumer Staples	6.4%	5.3%	-8.4%
Energy	8.1%	12.2%	9.4%
Financials	24.2%	7.2%	-6.0%
Health Care	2.6%	3.6%	-23.4%
Industrials	5.4%	4.8%	-7.6%
Information Technology	14.6%	12.8%	-10.8%
Materials	7.4%	6.9%	-6.2%
Real Estate	3.2%	15.6%	-2.1%
Utilities	2.5%	4.2%	-2.7%
Total	100.0%	9.9%	-7.4%

Country	MSCI-EAFE Weight	MSCI-ACWIxUS Weight	Quarter Return	1- Year Return
Japan	24.0%	16.1%	6.7%	-7.8%
United Kingdom	17.1%	11.5%	11.9%	-0.1%
France	11.3%	7.6%	10.7%	-3.7%
Switzerland	8.9%	6.0%	13.1%	7.5%
Germany	8.6%	5.8%	6.9%	-13.7%
Australia	6.9%	4.7%	11.4%	4.5%
Hong Kong	4.1%	2.8%	15.6%	8.0%
Netherlands	3.6%	2.4%	13.6%	-2.3%
Spain	3.0%	2.0%	7.0%	-8.8%
Sweden	2.6%	1.8%	7.4%	-5.1%
Italy	2.4%	1.6%	14.6%	-10.6%
Denmark	1.8%	1.2%	12.8%	-3.2%
Singapore	1.3%	0.9%	6.2%	-6.4%
Finland	1.0%	0.7%	8.0%	-3.6%
Belgium	1.0%	0.7%	16.2%	-15.5%
Norway	0.7%	0.5%	7.0%	-4.4%
Ireland	0.5%	0.4%	11.4%	-11.6%
Israel	0.5%	0.4%	10.1%	9.9%
Austria	0.2%	0.2%	8.4%	-23.0%
New Zealand	0.2%	0.2%	16.7%	18.1%
Portugal	0.2%	0.1%	10.2%	-4.9%
Total EAFE Countries	100.0%	67.1%	10.0%	-3.7%
Canada		6.8%	15.4%	3.1%
Total Developed Countries		73.9%	10.5%	-3.1%
China		8.6%	17.7%	-6.2%
Korea		3.4%	4.9%	-16.7%
Taiwan		3.0%	9.0%	-6.1%
India		2.4%	7.2%	6.8%
Brazil		1.9%	8.1%	-4.2%
South Africa		1.5%	4.4%	-18.0%
Russia		1.0%	12.2%	2.2%
Mexico		0.7%	5.5%	-11.7%
Thailand		0.6%	7.4%	-6.9%
Indonesia		0.6%	4.3%	2.0%
Malaysia		0.6%	0.3%	-13.1%
Poland		0.3%	-0.6%	-5.7%
Philippines		0.3%	7.9%	1.8%
Chile		0.3%	4.1%	-17.5%
Qatar		0.2%	-3.5%	22.2%
United Arab Emirates		0.2%	8.7%	1.3%
Turkey		0.1%	-3.2%	-40.3%
Colombia		0.1%	24.8%	5.3%
Peru		0.1%	11.0%	2.2%
Hungary		0.1%	6.0%	0.5%
Greece		0.1%	12.8%	-23.6%
Czech Republic		0.0%	3.8%	-6.8%
Egypt		0.0%	15.8%	-10.2%
Pakistan		0.0%	8.3%	-36.6%
Total Emerging Countries		26.1%	9.9%	-7.4%
Total ACWIxUS Countries		100.0%	10.3%	-4.2%

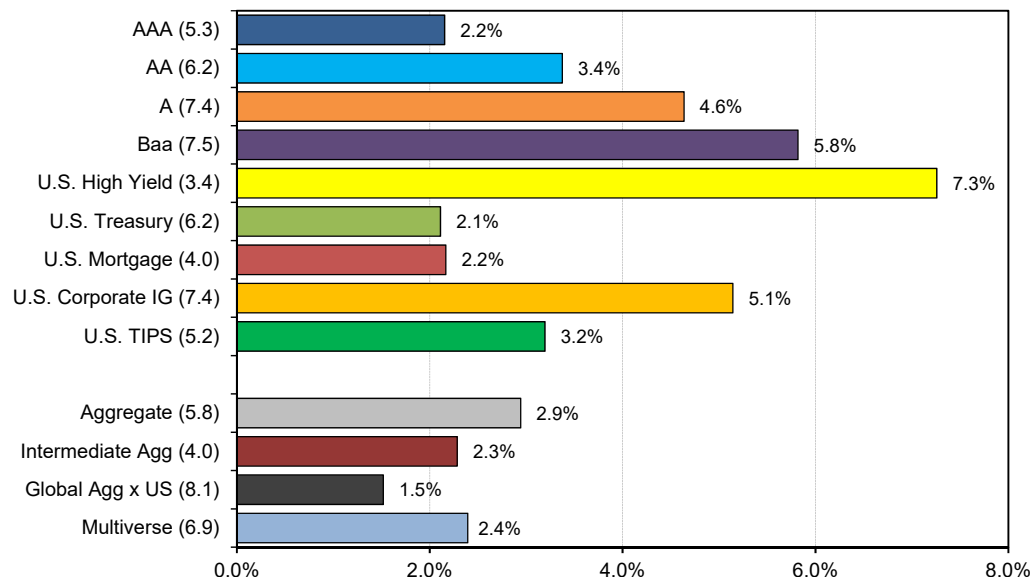
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

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

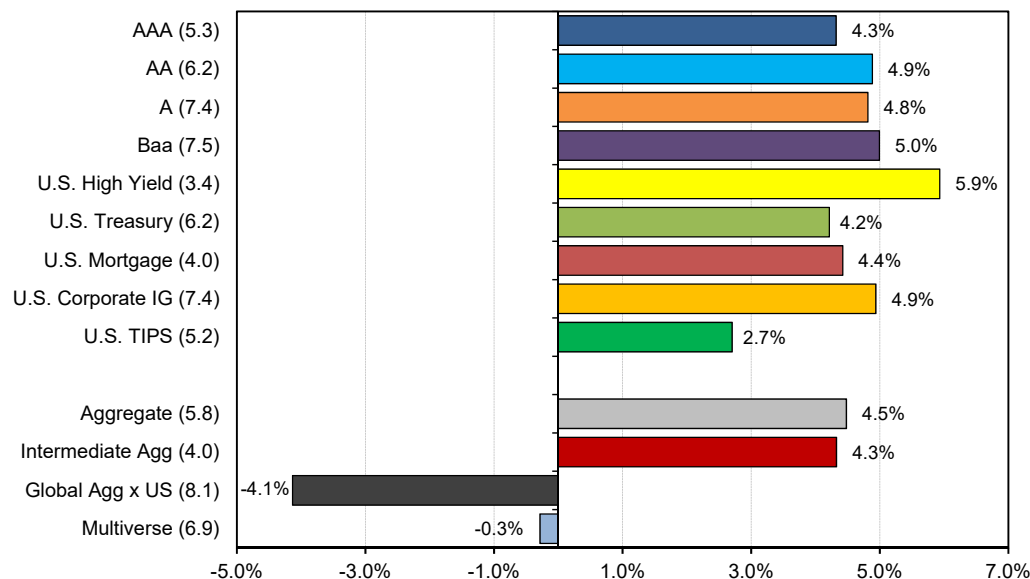


- Broad fixed income benchmarks were positive to start 2019. Following the late 2018 market volatility, the Federal Open Market Committee (FOMC) issued dovish guidance after their January meeting stating that they would be patient in determining future interest rate adjustments. The FOMC also commented on the ongoing balance sheet reduction program, stating that they would be open to changes to the program if market conditions warranted them. Later in March, Fed Chair Jerome Powell communicated that the FOMC is no longer projecting any further interest rate increases through 2019. He also stated that they would begin tapering the roll off from the balance sheet reduction program in May with a plan to halt the program entirely in September. The stoppage of the balance sheet reduction program represents an easing of monetary policy. Interest rates fell across all maturities on the US Treasury Yield Curve with the greatest declines occurring in the mid- and long-term issues. This caused continued inversion in the yield curve with short-term maturities paying higher interest rates than issues in the mid- to long-end of the curve. The difference in yields between the 2-year and 10-year Treasury now sits at just 0.14% with the 30-day T-Bill yielding more than the 10-year bond by 0.02%. Historically, an inverted yield curve has been a leading indicator of a recession in the next 6-24 months. The bellwether Bloomberg Barclays US Aggregate Index posted positive returns for both the 1st quarter and the 1-year period, returning 2.9% and 4.5% respectively.
- Within investment grade credit, lower quality issues outperformed higher quality issues as investors gravitated toward higher risk securities during the quarter. Lower quality issues also benefitted from their higher durations. On an absolute basis, without negating the duration differences in the sub-indices, Baa rated credit was the best performing investment grade credit quality segment returning 5.8% for the quarter, while AAA was the worst performing, returning 2.2%. Despite their relatively low durations, high yield securities posted very strong returns for the quarter, gaining 7.3%, as spreads tightened by 135 basis points on these issues. When viewed over the 1-year period, returns for the various quality segments generally show lower quality securities outperforming higher quality issues by a small margin.
- During the 1st quarter, investment grade corporates outperformed the more defensive Treasury and mortgage backed sectors of the Bloomberg Barclays US Aggregate Index's three broad sectors. Investment grade corporate credit returned 5.1%, as the drop in interest rates benefitted these securities to a greater degree and credit spreads tightened considerably since the end of 2018. This quarter's performance carried through to the 1-year period as corporate credit outperformed both Treasuries and mortgage backed securities. Corporate issues returned 4.9% versus a 4.4% return for mortgages and 4.2% gain on Treasury securities.

Quarter Performance

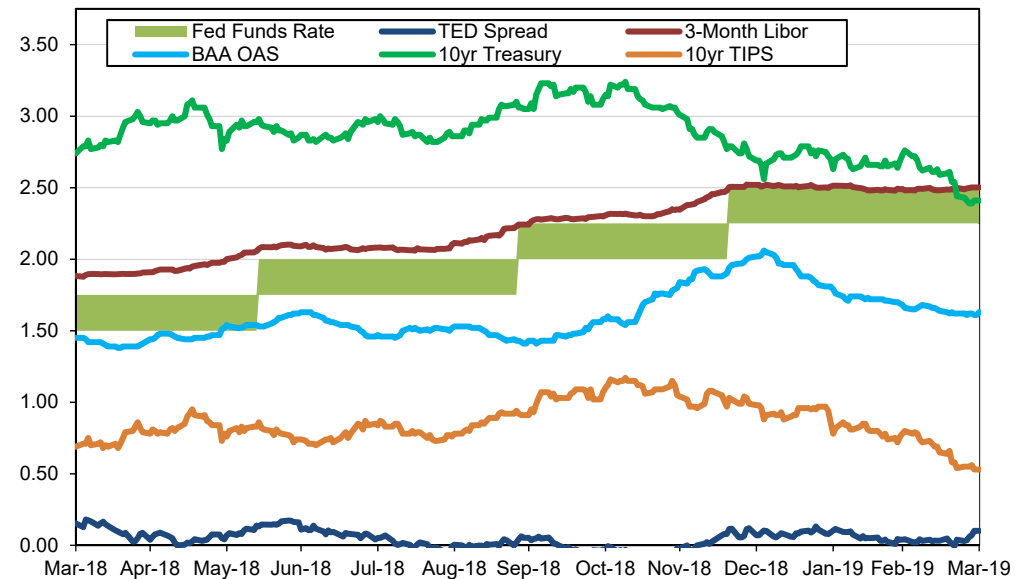


1-Year Performance

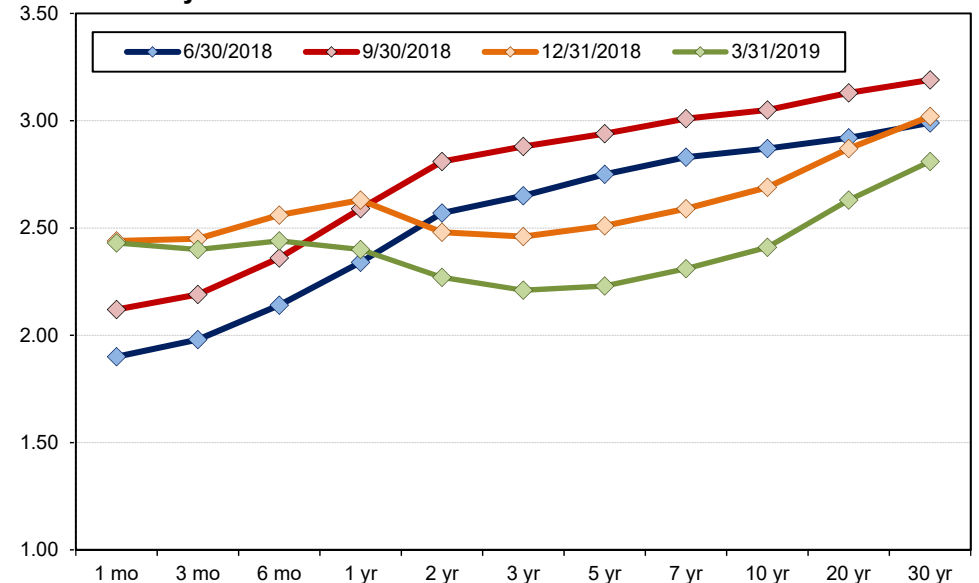


- Global fixed income indices continue to struggle relative to their domestic counterparts, underperforming during the 1st quarter. These indices have lower, or in some cases (Germany, Japan), negative yields and the returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. The USD has appreciated against most other developed currencies, negatively impacting the returns on global bond indices. The return on global bonds, as represented by the Bloomberg Barclays Global Aggregate ex US Index, was 1.5% and -4.1% for the quarter and 1-year period respectively. As global growth has shown signs of stalling, several international central banks have started to step back from more restrictive postures. Notably, the ECB announced a program to extend loans to European banks in an effort to increase lending and pledged to keep interest rates steady through the end of 2019. China also announced new stimulus to help spur its economy. The Bank of England and the Bank of Japan made no major policy changes during the quarter as they continue to review macroeconomic data within their respective countries.
- Much of the index performance detailed in the bar graphs on the previous page is visible on a time series basis by reviewing the line graphs to the right. The '1-Year Trailing Market Rates' chart illustrates that the 10-year Treasury yield (green line) fell from recent high's greater than 3.0%, to yields below 2.5% to end the first quarter. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional yield premium that investors require to purchase and hold non-Treasury issues. This line illustrates a relatively tight range in credit spreads throughout most of 2018, but highlights an abrupt increase during the 4th quarter of 2018 as investors moved to higher quality assets during the quarter's risk-off environment. Subsequently, spreads dropped steadily over the 1st quarter of 2019. This spread tightening is equivalent to an interest rate decrease on corporate bonds, which produces an additional tailwind for corporate bond index returns. These credit spreads have tightened by about 34 basis points over the last three months. The green band across the graph illustrates the gradual increase in the Federal Funds Rate due to the tightening of US monetary policy during 2018. As mentioned, the Fed's current guidance is for zero rate increases in 2019.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four calendar quarters. The downward shift of interest rates as well as a general flattening of the yield curve are clearly visible over the last quarter. As mentioned, the yield curve continues to invert as yields on shorter-term maturities fell less than interest rates in the middle- to long-end of the curve.

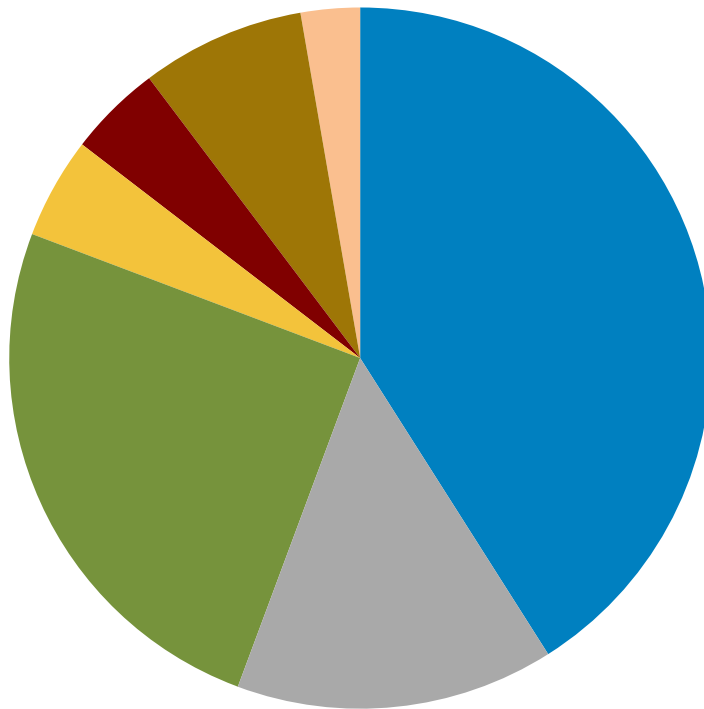
1-Year Trailing Market Rates



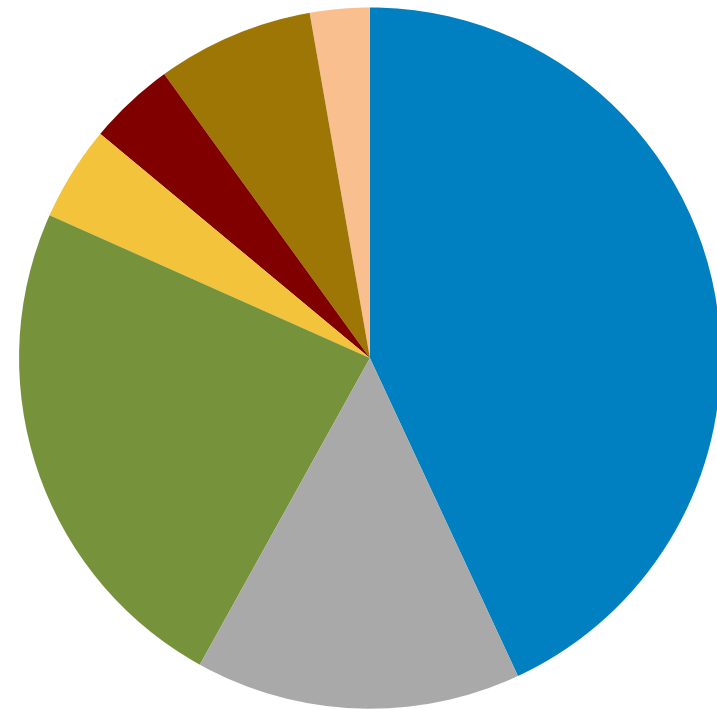
Treasury Yield Curve



Asset Allocation By Segment as of
December 31, 2018 : \$39,397,769

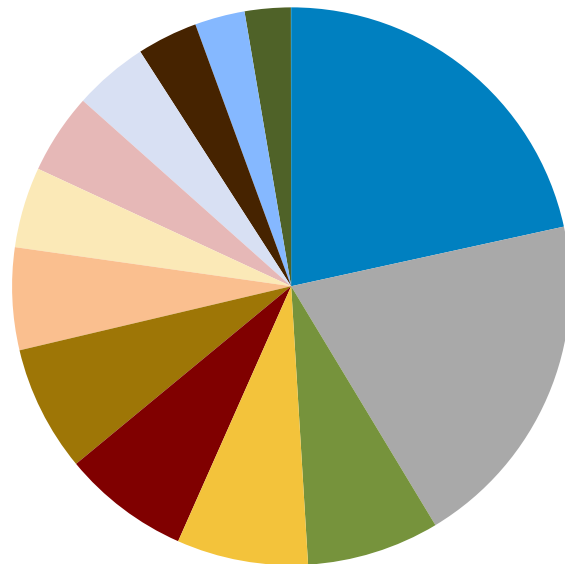


Asset Allocation By Segment as of
March 31, 2019 : \$42,933,557

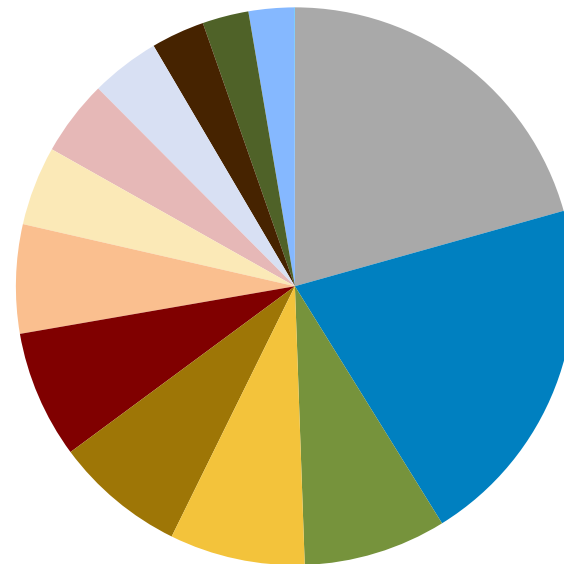


Allocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
Domestic Equity	16,153,657	41.0	Domestic Equity	18,491,914	43.1
International Equity	5,779,897	14.7	International Equity	6,433,764	15.0
Domestic Fixed Income	9,883,557	25.1	Domestic Fixed Income	10,141,120	23.6
Global Fixed Income	1,841,261	4.7	Global Fixed Income	1,877,048	4.4
Real Estate	1,689,778	4.3	Real Estate	1,708,664	4.0
Tactical Strategies	2,974,059	7.5	Tactical Strategies	3,098,758	7.2
Cash Equivalent	1,075,560	2.7	Cash Equivalent	1,182,290	2.8

Asset Allocation By Manager as of
December 31, 2018 : \$39,397,769



Asset Allocation By Manager as of
March 31, 2019 : \$42,933,557

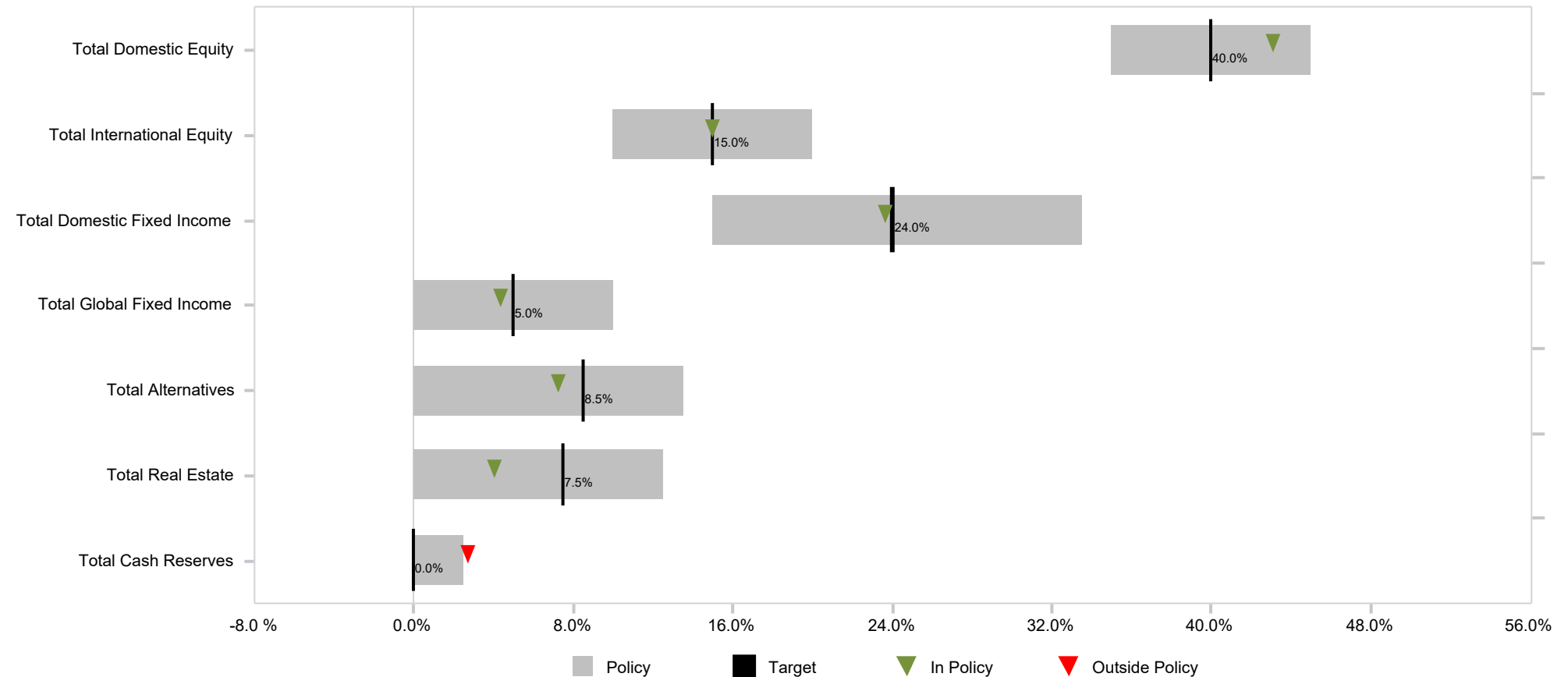


Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Dodge & Cox Income Fund (DODIX)	8,498,100	21.6	Vanguard Index 500 (VFIAX)	8,861,237	20.6
Vanguard Index 500 (VFIAX)	7,797,237	19.8	Dodge & Cox Income Fund (DODIX)	8,812,184	20.5
Harbor Capital Appreciation (HNACX)	3,022,660	7.7	Harbor Capital Appreciation (HNACX)	3,554,262	8.3
Brandywine Global Dynamic US LCV (LMBGX)	2,997,184	7.6	Brandywine Global Dynamic US LCV (LMBGX)	3,366,660	7.8
Vanguard International Value (VTRIX)	2,902,713	7.4	American Funds EuroPacific Gr R6 (RERGX)	3,257,057	7.6
American Funds EuroPacific Gr R6 (RERGX)	2,877,184	7.3	Vanguard International Value (VTRIX)	3,176,707	7.4
Vanguard Extended Market (VEXAX)	2,336,575	5.9	Vanguard Extended Market (VEXAX)	2,709,756	6.3
Blackrock Multi-Asset Income (BKMIX)	1,842,174	4.7	Blackrock Multi-Asset Income (BKMIX)	1,971,010	4.6
Templeton Global Total Return (FTTRX)	1,841,261	4.7	Templeton Global Total Return (FTTRX)	1,877,048	4.4
ASB (Real Estate)	1,699,590	4.3	ASB (Real Estate)	1,718,417	4.0
Crescent Direct Lending Fund	1,385,457	3.5	Crescent Direct Lending Fund	1,328,936	3.1
PIMCO TacOps Fund (TS)	1,140,591	2.9	Portfolio Cash Position	1,151,091	2.7
Portfolio Cash Position	1,051,289	2.7	PIMCO TacOps Fund (TS)	1,136,440	2.6
Frost Bank Cash	5,138	0.0	Frost Bank Cash	12,137	0.0
First National Cash	616	0.0	First National Cash	616	0.0

Asset Allocation Compliance

	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Total Fund	42,933,557	100.0		100.0		-	0.0
Total Domestic Equity	18,491,914	43.1	35.0	40.0	45.0	-1,318,491	3.1
Total International Equity	6,433,764	15.0	10.0	15.0	20.0	6,270	0.0
Total Domestic Fixed Income	10,141,120	23.6	15.0	24.0	33.5	162,934	-0.4
Total Global Fixed Income	1,877,048	4.4	0.0	5.0	10.0	269,630	-0.6
Total Alternatives	3,107,451	7.2	0.0	8.5	13.5	541,902	-1.3
Total Real Estate	1,718,417	4.0	0.0	7.5	12.5	1,501,600	-3.5
Total Cash Reserves	1,163,844	2.7	0.0	0.0	2.5	-1,163,844	2.7

Allocation Summary



Killeen Firefighters' Relief and Retirement Fund

Financial Reconciliation

1 Quarter Ending March 31, 2019

Financial Reconciliation Quarter to Date

	Market Value 01/01/2019	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 03/31/2019
Total Equity	21,933,554	-	-	-	-	-	56,375	2,935,749	24,925,678
Total Domestic Equity	16,153,657	-	-	-	-	-	56,375	2,281,882	18,491,914
Vanguard Index 500 (VFIAX)	7,797,237	-	-	-	-	-	49,056	1,014,944	8,861,237
Harbor Capital Appreciation (HNACX)	3,022,660	-	-	-	-	-	-	531,602	3,554,262
Brandywine Global Dynamic US LCV (LMBGX)	2,997,184	-	-	-	-	-	-	369,475	3,366,660
Delaware Value Fund (DDVIX)	-	-	-	-	-	-	-	-	-
Vanguard Extended Market (VEXAX)	2,336,575	-	-	-	-	-	7,318	365,862	2,709,756
Total International Equity	5,779,897	-	-	-	-	-	-	653,867	6,433,764
Vanguard International Value (VTRIX)	2,902,713	-	-	-	-	-	-	273,994	3,176,707
American Funds EuroPacific Gr R6 (RERGX)	2,877,184	-	-	-	-	-	-	379,873	3,257,057
Total Fixed Income	11,724,818	-56,521	-	-	-	-	101,987	247,883	12,018,168
Total Domestic Fixed Income	9,883,557	-56,521	-	-	-	-	70,497	243,587	10,141,120
Dodge & Cox Income Fund (DODIX)	8,498,100	-	-	-	-	-	70,497	243,587	8,812,184
*Crescent Direct Lending Fund	1,385,457	-56,521	-	-	-	-	-	-	1,328,936
Total Global Fixed Income	1,841,261	-	-	-	-	-	31,490	4,296	1,877,048
Templeton Global Total Return (FTTRX)	1,841,261	-	-	-	-	-	31,490	4,296	1,877,048
Total Alternatives	2,982,764	-28,472	-	-	-2,755	-581	32,217	124,278	3,107,451
Total Private Equity	-	-	-	-	-	-	-	-	-
Franchise Capital Partners III (PE)	-	-	-	-	-	-	-	-	-
Total Tactical Strategies	2,982,764	-28,472	-	-	-2,755	-581	32,217	124,278	3,107,451
PIMCO TacOps Fund (TS)	1,140,591	-28,472	-	-	-2,755	-581	7,251	20,406	1,136,440
Westwood Income Opportunity Fund (WHGIX)	-	-	-	-	-	-	-	-	-
Blackrock Multi-Asset Income (BKMIX)	1,842,174	-	-	-	-	-	24,965	103,872	1,971,010
Total Real Estate	1,699,590	-9,812	-	-	-5,387	-	-	34,025	1,718,417
ASB (Real Estate)	1,699,590	-9,812	-	-	-5,387	-	-	34,025	1,718,417
Total Cash Reserves	1,057,042	94,805	20,000	-	-	-13,997	5,990	3	1,163,844
Portfolio Cash Position	1,051,289	94,805	-	-	-	-993	5,990	-	1,151,091
First National Cash	616	-	-	-	-	-	-	-	616
Frost Bank Cash	5,138	-	20,000	-	-	-13,004	-	3	12,137
Total Fund	39,397,769	-	20,000	-	-8,142	-14,577	196,569	3,341,939	42,933,557

*Market Value information for Crescent Direct Lending Fund is provided quarterly and reflects data as of the prior quarter end.



Killeen Firefighters' Relief and Retirement Fund

Financial Reconciliation

October 1, 2018 To March 31, 2019

Financial Reconciliation Fiscal Year to Date

	Market Value 10/01/2018	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 03/31/2019
Total Equity	25,557,730	-	-	-	-	-	310,478	-942,531	24,925,678
Total Domestic Equity	18,967,213	-	-	-	-	-	173,643	-648,942	18,491,914
Vanguard Index 500 (VFIAX)	9,017,509	-	-	-	-	-	91,987	-248,259	8,861,237
Harbor Capital Appreciation (HNACX)	3,615,269	-	-	-	-	-	9,118	-70,125	3,554,262
Brandywine Global Dynamic US LCV (LMBGX)	3,478,659	-	-	-	-	-	53,765	-165,764	3,366,660
Delaware Value Fund (DDVIX)	-	-	-	-	-	-	-	-	-
Vanguard Extended Market (VEXAX)	2,855,777	-	-	-	-	-	18,773	-164,794	2,709,756
Total International Equity	6,590,517	-	-	-	-	-	136,835	-293,589	6,433,764
Vanguard International Value (VTRIX)	3,298,784	-	-	-	-	-	90,338	-212,414	3,176,707
American Funds EuroPacific Gr R6 (RERGX)	3,291,734	-	-	-	-	-	46,497	-81,174	3,257,057
Total Fixed Income	11,846,658	-269,307	-	-	-	-	205,116	235,701	12,018,168
Total Domestic Fixed Income	10,046,027	-269,307	-	-	-	-	142,165	222,236	10,141,120
Dodge & Cox Income Fund (DODIX)	8,473,299	-	-	-	-	-	142,165	196,721	8,812,184
*Crescent Direct Lending Fund	1,572,728	-269,307	-	-	-	-	-	25,515	1,328,936
Total Global Fixed Income	1,800,631	-	-	-	-	-	62,951	13,466	1,877,048
Templeton Global Total Return (FTTRX)	1,800,631	-	-	-	-	-	62,951	13,466	1,877,048
Total Alternatives	3,082,236	-31,786	-	-	-6,409	-1,251	61,879	2,781	3,107,451
Total Private Equity	-	-	-	-	-	-	-	-	-
*Franchise Capital Partners III (PE)	-	-	-	-	-	-	-	-	-
Total Tactical Strategies	3,082,236	-31,786	-	-	-6,409	-1,251	61,879	2,781	3,107,451
PIMCO TacOps Fund (TS)	1,148,782	-28,472	-	-	-6,409	-1,251	27,679	-3,889	1,136,440
Westwood Income Opportunity Fund (WHGIX)	1,933,455	-1,883,314	-	-	-	-	-	-50,140	-
Blackrock Multi-Asset Income (BKMIX)	-	1,880,000	-	-	-	-	34,200	56,810	1,971,010
Total Real Estate	1,690,424	-19,653	-	-	-10,715	-	-	58,360	1,718,417
ASB (Real Estate)	1,690,424	-19,653	-	-	-10,715	-	-	58,360	1,718,417
Total Cash Reserves	831,740	320,746	20,000	-	-	-18,791	10,479	-329	1,163,844
Portfolio Cash Position	821,865	320,746	-	-	-	-1,666	10,479	-332	1,151,091
First National Cash	616	-	-	-	-	-	-	-	616
Frost Bank Cash	9,260	-	20,000	-	-	-17,125	-	3	12,137
Total Fund	43,008,789	-	20,000	-	-17,124	-20,042	587,952	-646,018	42,933,557

*Market Value information for Crescent Direct Lending Fund is provided quarterly and reflects data as of the prior quarter end.



Asset Allocation & Performance
Total Fund (Gross of Fees) Trailing
As of March 31, 2019

Asset Allocation & Performance												
	Allocation		Performance(%)									
	Market Value \$	%	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR	7 YR	Inception	Inception Date
Total Fund (Gross of Fees)	42,933,557	100.0	8.98	-0.13	4.80	8.26	9.70	6.73	6.12	6.07	6.47	01/01/2010
Total Fund IPS Benchmark			8.45	0.52	5.04	7.39	8.40	6.13	6.23	7.05	7.47	
Difference			0.53	-0.65	-0.24	0.87	1.30	0.60	-0.11	-0.98	-1.00	
Total Fund (Net of Fees)	42,933,557	100.0	8.96 (45)	-0.18 (60)	4.71 (46)	8.16 (19)	9.60 (12)	6.64 (18)	6.01 (56)	5.91 (93)	6.27 (95)	01/01/2010
Total Fund IPS Benchmark			8.45 (63)	0.52 (28)	5.04 (38)	7.39 (41)	8.40 (47)	6.13 (35)	6.23 (45)	7.05 (68)	7.47 (72)	
Difference			0.51	-0.70	-0.33	0.77	1.20	0.51	-0.22	-1.14	-1.20	
All Public Plans-Total Fund (Net of Fees)			8.83	0.01	4.54	7.11	8.33	5.78	6.13	7.51	7.98	
Total Equity	24,925,678	58.1	13.64	-2.47	4.69	10.53	12.44	8.17	7.40	8.11	8.42	01/01/2010
Total Equity Benchmark			13.06	-2.21	5.34	9.92	12.22	8.30	8.40	10.64	10.69	
Difference			0.58	-0.26	-0.65	0.61	0.22	-0.13	-1.00	-2.53	-2.27	
Total Domestic Equity	18,491,914	43.1	14.48	-2.51	8.65	12.13	13.89	10.20	9.50	10.96	11.68	01/01/2010
Total Domestic Equity Benchmark			14.04	-2.27	8.77	11.26	13.49	9.86	10.36	12.63	12.87	
Difference			0.44	-0.24	-0.12	0.87	0.40	0.34	-0.86	-1.67	-1.19	
Vanguard Index 500 (VFIAX)	8,861,237	20.6	13.65 (32)	-1.73 (38)	9.46 (22)	11.68 (27)	13.47 (23)	10.42 (12)	10.87 (13)	N/A	10.69 (16)	03/01/2014
S&P 500 Index			13.65 (32)	-1.72 (38)	9.50 (21)	11.72 (27)	13.51 (22)	10.46 (11)	10.91 (12)	12.85 (12)	10.90 (12)	
Difference			0.00	-0.01	-0.04	-0.04	-0.04	-0.04	-0.04	N/A	-0.21	
IM U.S. Large Cap Core Equity (MF) Median			13.12	-2.35	7.74	10.47	12.37	8.88	9.37	11.58	9.33	
Harbor Capital Appreciation (HNACX)	3,554,262	8.3	17.59 (16)	-1.69 (47)	11.60 (57)	19.93 (18)	18.57 (16)	13.45 (16)	13.99 (15)	14.44 (16)	14.28 (19)	01/01/2010
Russell 1000 Growth Index			16.10 (55)	-2.34 (60)	12.75 (41)	16.92 (48)	16.53 (42)	12.86 (28)	13.50 (24)	14.34 (19)	14.54 (14)	
Difference			1.49	0.65	-1.15	3.01	2.04	0.59	0.49	0.10	-0.26	
IM U.S. Large Cap Growth Equity (MF) Median			16.26	-1.85	12.03	16.72	16.08	11.75	12.46	13.28	13.29	
Brandywine Global Dynamic US LCV (LMBGX)	3,366,660	7.8	12.33 (30)	-3.22 (54)	N/A	N/A	N/A	N/A	N/A	N/A	-3.22 (54)	10/01/2018
Russell 1000 Value Index			11.93 (40)	-1.19 (22)	5.67 (33)	6.31 (54)	10.45 (47)	7.32 (36)	7.72 (32)	11.14 (18)	-1.19 (22)	
Difference			0.40	-2.03	N/A	N/A	N/A	N/A	N/A	N/A	-2.03	
IM U.S. Large Cap Value Equity (MF) Median			11.56	-2.83	4.23	6.51	10.28	6.73	7.12	10.23	-2.83	
Vanguard Extended Market (VEXAX)	2,709,756	6.3	15.97 (13)	-5.11 (15)	4.95 (13)	8.96 (9)	13.29 (9)	7.28 (18)	N/A	N/A	7.28 (18)	04/01/2015
S&P Completion Index			15.99 (13)	-5.22 (17)	4.76 (14)	8.84 (11)	13.17 (10)	7.15 (20)	7.75 (18)	11.45 (10)	7.15 (20)	
Difference			-0.02	0.11	0.19	0.12	0.12	0.13	N/A	N/A	0.13	
IM U.S. SMID Cap Core Equity (MF) Median			14.01	-8.08	0.38	4.78	9.97	5.57	6.01	9.74	5.57	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

*Return information for Crescent Direct Lending Fund is provided quarterly and reflects data as of the prior quarter end.



Asset Allocation & Performance
Total Fund (Gross of Fees) Trailing
As of March 31, 2019

	Allocation		Performance(%)									
	Market Value \$	%	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR	7 YR	Inception	Inception Date
Total International Equity	6,433,764	15.0	11.31 (38)	-2.38 (49)	-5.26 (35)	6.36 (32)	8.62 (33)	2.59 (63)	1.86 (63)	2.63 (82)	2.20(89)	01/01/2010
Total International Equity Benchmark			10.44 (52)	-2.16 (47)	-3.74 (23)	6.15 (35)	8.61 (33)	3.97 (39)	3.05 (40)	5.21 (43)	4.76(45)	
Difference			0.87	-0.22	-1.52	0.21	0.01	-1.38	-1.19	-2.58	-2.56	
IM International Equity (MF) Median			10.53	-2.60	-7.09	4.99	7.21	3.25	2.55	4.88	4.55	
Vanguard International Value (VTRIX)	3,176,707	7.4	9.44 (71)	-3.70 (60)	-5.86 (40)	5.25 (47)	7.92 (41)	2.94 (57)	1.78 (65)	5.22 (43)	4.24(58)	01/01/2010
Vanguard International Value Hybrid			10.44 (52)	-2.16 (47)	-3.74 (23)	6.15 (35)	8.61 (33)	3.97 (39)	3.05 (40)	5.21 (43)	4.45(53)	
Difference			-1.00	-1.54	-2.12	-0.90	-0.69	-1.03	-1.27	0.01	-0.21	
IM International Equity (MF) Median			10.53	-2.60	-7.09	4.99	7.21	3.25	2.55	4.88	4.55	
American Funds EuroPacific Gr R6 (RERGX)	3,257,057	7.6	13.20 (27)	-1.05 (34)	-4.66 (52)	7.49 (34)	9.33 (19)	N/A	N/A	N/A	8.12(24)	10/01/2015
MSCI AC World ex USA			10.44 (92)	-2.16 (50)	-3.74 (44)	6.15 (52)	8.61 (32)	3.97 (39)	3.05 (48)	5.21 (55)	8.25(22)	
Difference			2.76	1.11	-0.92	1.34	0.72	N/A	N/A	N/A	-0.13	
IM International Large Cap Growth Equity (MF) Median			12.38	-2.16	-4.57	6.29	7.33	3.20	2.93	5.33	6.81	
Total Fixed Income	12,018,168	28.0	2.99	3.80	4.68	4.20	5.30	4.15	4.03	3.63	4.39	01/01/2010
Total Fixed Income Benchmark			2.82	4.42	3.64	2.90	1.94	2.06	2.46	2.26	3.24	
Difference			0.17	-0.62	1.04	1.30	3.36	2.09	1.57	1.37	1.15	
Total Domestic Fixed Income	10,141,120	23.6	3.19	3.73	5.12	4.80	5.29	4.39	4.29	3.75	4.28	01/01/2010
Total Domestic Fixed Income Benchmark			2.94	4.63	4.48	2.83	2.03	2.01	2.74	2.48	3.44	
Difference			0.25	-0.90	0.64	1.97	3.26	2.38	1.55	1.27	0.84	
Dodge & Cox Income Fund (DODIX)	8,812,184	20.5	3.70 (15)	4.00 (69)	4.31 (34)	3.26 (10)	3.64 (3)	2.83 (2)	N/A	N/A	3.01(7)	10/01/2014
Blmbg. Barc. U.S. Aggregate Index			2.94 (72)	4.63 (20)	4.48 (20)	2.83 (30)	2.03 (57)	2.01 (35)	2.74 (28)	2.48 (48)	2.55(28)	
Difference			0.76	-0.63	-0.17	0.43	1.61	0.82	N/A	N/A	0.46	
IM U.S. Broad Market Core Fixed Income (MF) Median			3.23	4.28	4.09	2.63	2.13	1.86	2.49	2.45	2.30	
*Crescent Direct Lending Fund	1,328,936	3.1	0.00	1.88	9.09	12.34	13.39	13.37	N/A	N/A	12.05	10/01/2014
Total Global Fixed Income	1,877,048	4.4	1.94	4.24	2.36	1.35	5.25	2.70	N/A	N/A	N/A	11/01/2013
Total Global Fixed Income Benchmark			2.20	3.43	-0.38	3.23	1.49	2.25	1.04	1.19	1.14	
Difference			-0.26	0.81	2.74	-1.88	3.76	0.45	N/A	N/A	N/A	
Templeton Global Total Return (FTTRX)	1,877,048	4.4	1.94 (87)	4.24 (18)	2.36 (39)	1.35 (97)	5.25 (3)	2.70 (18)	N/A	N/A	2.14(29)	12/01/2014
Blmbg.Barc. Global Multiverse			2.39 (76)	3.44 (45)	-0.29 (56)	3.32 (25)	1.85 (67)	2.47 (28)	1.20 (58)	1.41 (69)	1.64(49)	
Difference			-0.45	0.80	2.65	-1.97	3.40	0.23	N/A	N/A	0.50	
IM Global Fixed Income (MF) Median			3.10	3.22	0.24	2.78	2.25	1.96	1.31	1.70	1.56	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

*Return information for Crescent Direct Lending Fund is provided quarterly and reflects data as of the prior quarter end.



Asset Allocation & Performance
Total Fund (Gross of Fees) Trailing
As of March 31, 2019

	Allocation		Performance(%)									Inception Date
	Market Value \$	%	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR	7 YR	Inception	
Total Alternatives	3,107,451	7.2	5.18	1.91	5.47	6.19	7.55	5.50	4.83	4.48	4.43	01/01/2010
Total Alternatives Benchmark			2.12	0.74	2.76	4.25	5.16	3.95	3.79	4.31	4.29	
Difference			3.06	1.17	2.71	1.94	2.39	1.55	1.04	0.17	0.14	
PIMCO TacOps Fund (TS)	1,136,440	2.6	2.46	2.11	5.81	9.19	11.23	9.70	N/A	N/A	9.37	07/01/2014
CPI + 5%			1.80	3.34	6.96	7.22	7.32	6.96	6.56	6.59	6.53	
Difference			0.66	-1.23	-1.15	1.97	3.91	2.74	N/A	N/A	2.84	
Blackrock Multi-Asset Income (BKMIX)	1,971,010	4.6	6.99 (63)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.24 (37)	12/01/2018
50% ACWI/50% Barclays Agg			7.60 (53)	1.55 (25)	4.08 (19)	6.12 (13)	6.70 (29)	4.81 (17)	5.03 (18)	5.87 (34)	4.82 (23)	
Difference			-0.61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-0.58	
IM Flexible Portfolio (MF) Median			7.77	-0.38	1.38	3.94	5.78	3.50	3.68	5.19	3.77	
Total Real Estate	1,718,417	4.0	2.01 (37)	3.49 (69)	7.63 (81)	6.61 (96)	N/A	N/A	N/A	N/A	6.06 (N/A)	06/01/2016
Total Real Estate Benchmark			1.69 (78)	3.33 (81)	7.74 (76)	7.95 (71)	N/A	N/A	N/A	N/A	8.67 (N/A)	
Difference			0.32	0.16	-0.11	-1.34	N/A	N/A	N/A	N/A	-2.61	
IM U.S. Open End Private Real Estate (SA+CF) Median			1.99	3.72	8.37	8.27	8.68	9.75	10.64	11.43	N/A	
ASB (Real Estate)	1,718,417	4.0	2.01 (37)	3.49 (69)	7.63 (81)	6.61 (96)	N/A	N/A	N/A	N/A	6.06 (N/A)	06/01/2016
NCREIF Fund Index-Open End Diversified Core (EW)			1.69 (78)	3.33 (81)	7.74 (76)	7.95 (71)	8.17 (67)	9.62 (63)	10.34 (62)	10.81 (65)	8.67 (N/A)	
Difference			0.32	0.16	-0.11	-1.34	N/A	N/A	N/A	N/A	-2.61	
IM U.S. Open End Private Real Estate (SA+CF) Median			1.99	3.72	8.37	8.27	8.68	9.75	10.64	11.43	N/A	

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Asset Allocation & Performance
Total Fund (Gross of Fees) Calendar
As of March 31, 2019

Asset Allocation & Performance																
	Allocation			Performance(%)												
	Market Value \$	%	FYTD	Oct-2017 To Sep-2018		Oct-2016 To Sep-2017		Oct-2015 To Sep-2016		Oct-2014 To Sep-2015		Oct-2013 To Sep-2014		Oct-2012 To Sep-2013		
Total Fund (Gross of Fees)	42,933,557	100.0	-0.13		9.57		13.78		10.32		-4.12		7.12		5.23	
Total Fund IPS Benchmark			0.52		7.91		11.46		10.28		-1.11		8.71		9.26	
Difference			-0.65		1.66		2.32		0.04		-3.01		-1.59		-4.03	
Total Fund (Net of Fees)	42,933,557	100.0	-0.18	(60)	9.48	(27)	13.66	(16)	10.23	(27)	-4.23	(96)	6.97	(97)	4.89	(98)
Total Fund IPS Benchmark			0.52	(28)	7.91	(56)	11.46	(68)	10.28	(25)	-1.11	(74)	8.71	(85)	9.26	(89)
Difference			-0.70		1.57		2.20		-0.05		-3.12		-1.74		-4.37	
All Public Plans-Total Fund (Net of Fees)			0.01		8.15		11.79		9.64		-0.44		10.02		12.15	
Total Equity	24,925,678	58.1	-2.47		13.94		19.12		12.93		-7.52		11.38		13.63	
Total Equity Benchmark			-2.21		13.31		19.18		13.58		-3.60		14.27		20.43	
Difference			-0.26		0.63		-0.06		-0.65		-3.92		-2.89		-6.80	
Total Domestic Equity	18,491,914	43.1	-2.51		18.85		18.56		14.49		-3.96		15.12		20.15	
Total Domestic Equity Benchmark			-2.27		17.58		18.71		14.96		-0.49		17.76		21.60	
Difference			-0.24		1.27		-0.15		-0.47		-3.47		-2.64		-1.45	
Vanguard Index 500 (VFIAX)	8,861,237	20.6	-1.73	(38)	17.87	(28)	18.57	(47)	15.39	(17)	-0.64	(30)	N/A		N/A	
S&P 500 Index			-1.72	(38)	17.91	(28)	18.61	(46)	15.43	(17)	-0.61	(30)	19.73	(18)	19.34	(60)
Difference			-0.01		-0.04		-0.04		-0.04		-0.03		N/A		N/A	
IM U.S. Large Cap Core Equity (MF) Median			-2.35		16.08		18.36		12.98		-1.62		17.38		19.98	
Harbor Capital Appreciation (HNACX)	3,554,262	8.3	-1.69	(47)	27.03	(33)	25.01	(7)	9.07	(80)	6.03	(10)	19.17	(22)	21.47	(27)
Russell 1000 Growth Index			-2.34	(60)	26.30	(39)	21.94	(28)	13.76	(18)	3.17	(45)	19.15	(23)	19.27	(52)
Difference			0.65		0.73		3.07		-4.69		2.86		0.02		2.20	
IM U.S. Large Cap Growth Equity (MF) Median			-1.85		25.08		20.13		10.96		2.85		16.89		19.35	
Brandywine Global Dynamic US LCV (LMBGX)	3,366,660	7.8	-3.22	(54)	N/A		N/A		N/A		N/A		N/A		N/A	
Russell 1000 Value Index			-1.19	(22)	9.45	(60)	15.12	(73)	16.19	(18)	-4.42	(40)	18.89	(20)	22.30	(52)
Difference			-2.03		N/A		N/A		N/A		N/A		N/A		N/A	
IM U.S. Large Cap Value Equity (MF) Median			-2.83		10.41		16.79		12.58		-4.96		17.27		22.42	
Vanguard Extended Market (VEXAX)	2,709,756	6.3	-5.11	(15)	16.12	(17)	19.00	(42)	13.44	(53)	N/A		N/A		N/A	
S&P Completion Index			-5.22	(17)	16.02	(18)	18.91	(44)	13.26	(55)	-0.27	(61)	9.66	(23)	31.34	(29)
Difference			0.11		0.10		0.09		0.18		N/A		N/A		N/A	
IM U.S. SMID Cap Core Equity (MF) Median			-8.08		12.30		18.42		13.75		0.75		6.73		29.25	

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Asset Allocation & Performance
Total Fund (Gross of Fees) Calendar
As of March 31, 2019

	Allocation		Performance(%)													
	Market Value \$	%	FYTD		Oct-2017 To Sep-2018		Oct-2016 To Sep-2017		Oct-2015 To Sep-2016		Oct-2014 To Sep-2015		Oct-2013 To Sep-2014		Oct-2012 To Sep-2013	
Total International Equity	6,433,764	15.0	-2.38	(49)	1.69	(34)	20.63	(39)	8.37	(57)	-16.82	(77)	4.06	(53)	8.13	(73)
Total International Equity Benchmark			-2.16	(47)	2.25	(29)	20.15	(43)	9.80	(47)	-11.78	(62)	5.22	(37)	16.98	(54)
Difference			-0.22		-0.56		0.48		-1.43		-5.04		-1.16		-8.85	
IM International Equity (MF) Median			-2.60		0.08		19.36		9.33		-8.76		4.27		17.81	
Vanguard International Value (VTRIX)	3,176,707	7.4	-3.70	(60)	1.90	(32)	20.63	(39)	8.26	(57)	-13.90	(70)	5.84	(30)	23.65	(22)
Vanguard International Value Hybrid			-2.16	(47)	2.25	(29)	20.15	(43)	9.80	(47)	-11.78	(62)	5.22	(37)	16.98	(54)
Difference			-1.54		-0.35		0.48		-1.54		-2.12		0.62		6.67	
IM International Equity (MF) Median			-2.60		0.08		19.36		9.33		-8.76		4.27		17.81	
American Funds EuroPacific Gr R6 (RERGX)	3,257,057	7.6	-1.05	(34)	1.47	(57)	20.63	(9)	8.52	(40)	N/A		N/A		N/A	
MSCI AC World ex USA			-2.16	(50)	2.25	(47)	20.15	(20)	9.80	(28)	-11.78	(87)	5.22	(30)	16.98	(60)
Difference			1.11		-0.78		0.48		-1.28		N/A		N/A		N/A	
IM International Large Cap Growth Equity (MF) Median			-2.16		2.00		17.83		7.87		-5.67		4.38		18.00	
Total Fixed Income	12,018,168	28.0	3.80		1.61		6.20		7.33		-0.77		4.41		-1.89	
Total Fixed Income Benchmark			4.42		-1.22		-0.15		5.81		1.87		3.49		-1.84	
Difference			-0.62		2.83		6.35		1.52		-2.64		0.92		-0.05	
Total Domestic Fixed Income	10,141,120	23.6	3.73		2.31		4.71		8.25		0.75		4.68		-1.37	
Total Domestic Fixed Income Benchmark			4.63		-1.22		0.07		5.19		2.94		3.96		-1.68	
Difference			-0.90		3.53		4.64		3.06		-2.19		0.72		0.31	
Dodge & Cox Income Fund (DODIX)	8,812,184	20.5	4.00	(69)	-0.12	(7)	2.57	(3)	7.09	(3)	0.16	(94)	N/A		N/A	
Blmbg. Barc. U.S. Aggregate Index			4.63	(20)	-1.22	(41)	0.07	(64)	5.19	(52)	2.94	(9)	3.96	(59)	-1.68	(53)
Difference			-0.63		1.10		2.50		1.90		-2.78		N/A		N/A	
IM U.S. Broad Market Core Fixed Income (MF) Median			4.28		-1.35		0.48		5.21		1.98		4.19		-1.62	
*Crescent Direct Lending Fund	1,328,936	3.1	1.88		14.83		15.64		15.52		6.78		N/A		N/A	
Total Global Fixed Income	1,877,048	4.4	4.24		-1.92		13.82		2.68		-8.51		N/A		N/A	
Total Global Fixed Income Benchmark			3.43		-1.31		-1.26		8.83		-3.26		1.19		-2.64	
Difference			0.81		-0.61		15.08		-6.15		-5.25		N/A		N/A	
Templeton Global Total Return (FTTRX)	1,877,048	4.4	4.24	(18)	-1.92	(66)	13.82	(1)	2.68	(94)	N/A		N/A		N/A	
Blmbg.Barc. Global Multiverse			3.44	(45)	-1.32	(51)	-0.56	(77)	9.23	(25)	-3.56	(42)	1.40	(79)	-2.22	(56)
Difference			0.80		-0.60		14.38		-6.55		N/A		N/A		N/A	
IM Global Fixed Income (MF) Median			3.22		-1.29		1.02		7.42		-3.85		3.37		-1.81	

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Asset Allocation & Performance
Total Fund (Gross of Fees) Calendar
As of March 31, 2019

	Allocation		Performance(%)							
	Market Value \$	%	FYTD	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	
Total Alternatives	3,107,451	7.2	1.91	5.95	9.36	8.00	1.62	1.34	-0.75	
Total Alternatives Benchmark			0.74	4.49	6.66	4.21	1.03	5.48	5.75	
Difference			1.17	1.46	2.70	3.79	0.59	-4.14	-6.50	
PIMCO TacOps Fund (TS)	1,136,440	2.6	2.11	9.25	13.09	9.05	8.10	N/A	N/A	
CPI + 5%			3.34	7.38	7.34	6.57	5.01	6.77	6.15	
Difference			-1.23	1.87	5.75	2.48	3.09	N/A	N/A	
Blackrock Multi-Asset Income (BKMIX)	1,971,010	4.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
50% ACWI/50% Barclays Agg			1.55 (25)	4.52 (39)	9.32 (48)	9.08 (42)	-1.54 (21)	7.96 (51)	8.00 (52)	
Difference			N/A	N/A	N/A	N/A	N/A	N/A	N/A	
IM Flexible Portfolio (MF) Median			-0.38	3.38	9.03	8.56	-4.23	8.00	8.24	
Total Real Estate	1,718,417	4.0	3.49 (69)	8.26 (70)	3.61 (100)	N/A	N/A	N/A	N/A	
Total Real Estate Benchmark			3.33 (81)	8.82 (59)	7.81 (60)	N/A	N/A	N/A	N/A	
Difference			0.16	-0.56	-4.20	N/A	N/A	N/A	N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median			3.72	9.04	8.29	11.32	15.45	12.78	13.18	
ASB (Real Estate)	1,718,417	4.0	3.49 (69)	8.26 (70)	3.61 (100)	N/A	N/A	N/A	N/A	
NCREIF Fund Index-Open End Diversified Core (EW)			3.33 (81)	8.82 (59)	7.81 (60)	10.62 (69)	14.71 (62)	12.39 (68)	12.47 (67)	
Difference			0.16	-0.56	-4.20	N/A	N/A	N/A	N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median			3.72	9.04	8.29	11.32	15.45	12.78	13.18	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

*Return information for Crescent Direct Lending Fund is provided quarterly and reflects data as of the prior quarter end.



Comparative Performance - IRR						
	QTR	1 YR	2 YR	3 YR	Inception	Inception Date
Crescent Direct Lending Fund	0.00	5.69	7.31	8.05	7.63	10/09/2014

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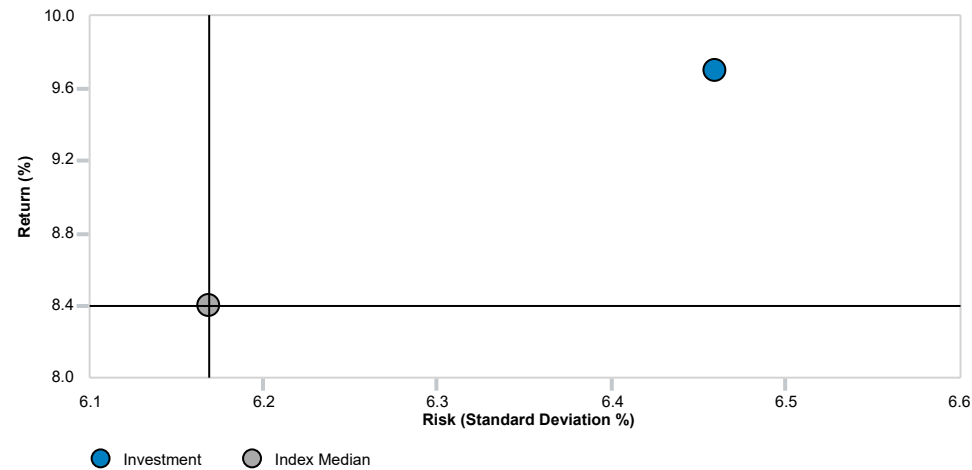
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.70	6.46	1.29	N/A	11	N/A	1
Index Median	8.40	6.17	1.12	N/A	N/A	N/A	N/A

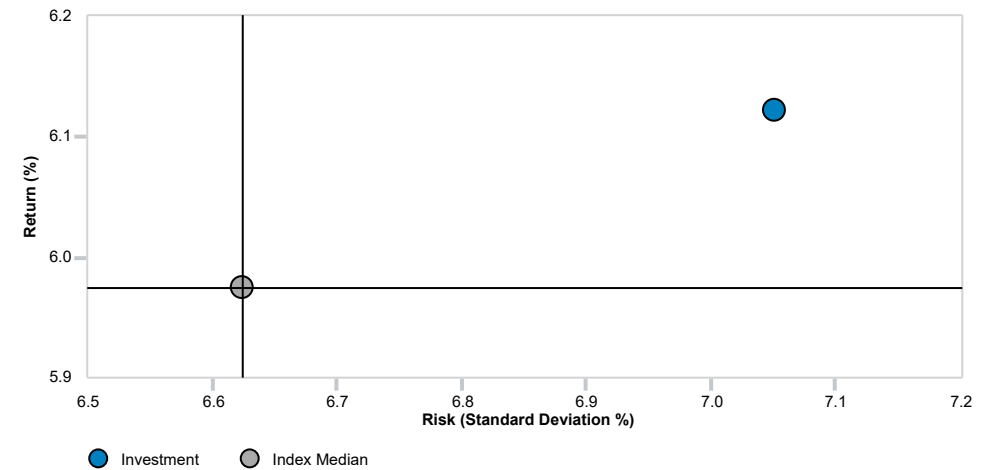
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.12	7.05	0.78	N/A	15	N/A	5
Index Median	5.97	6.62	0.82	N/A	N/A	N/A	N/A

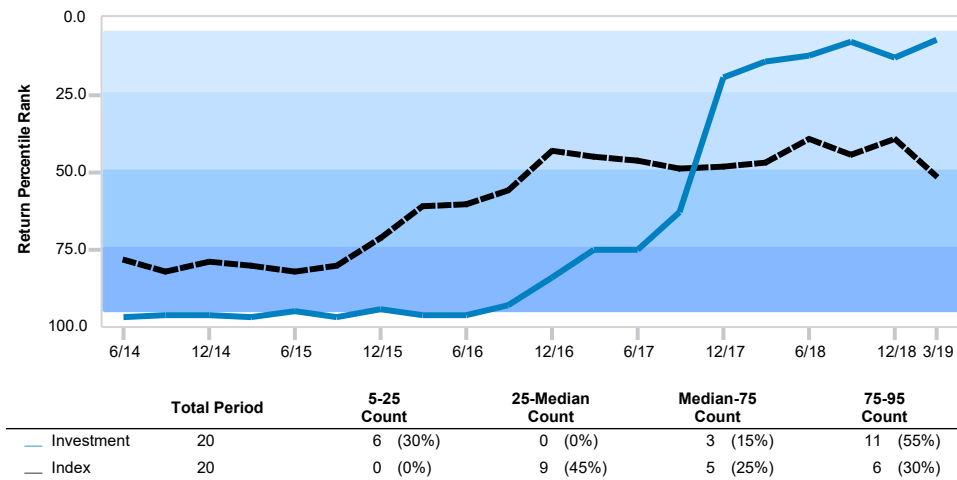
Risk and Return 3 Years



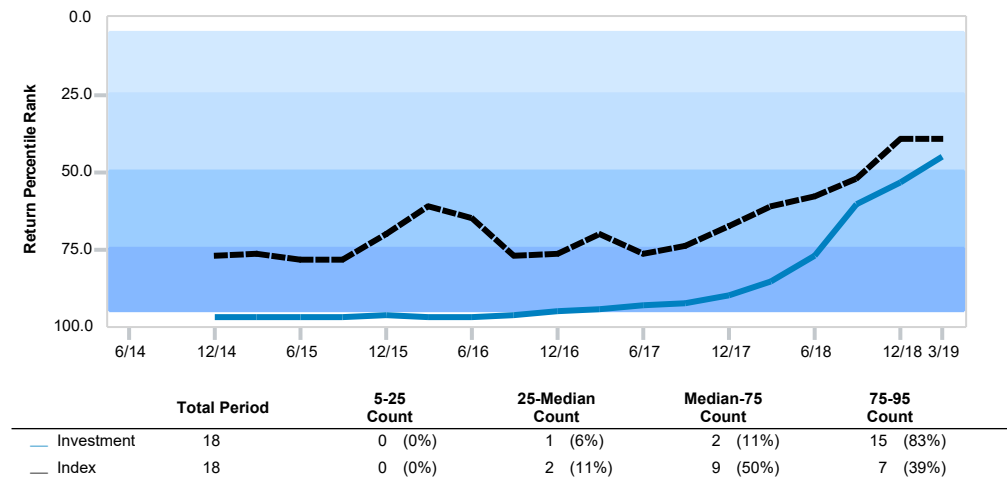
Risk and Return 5 Years



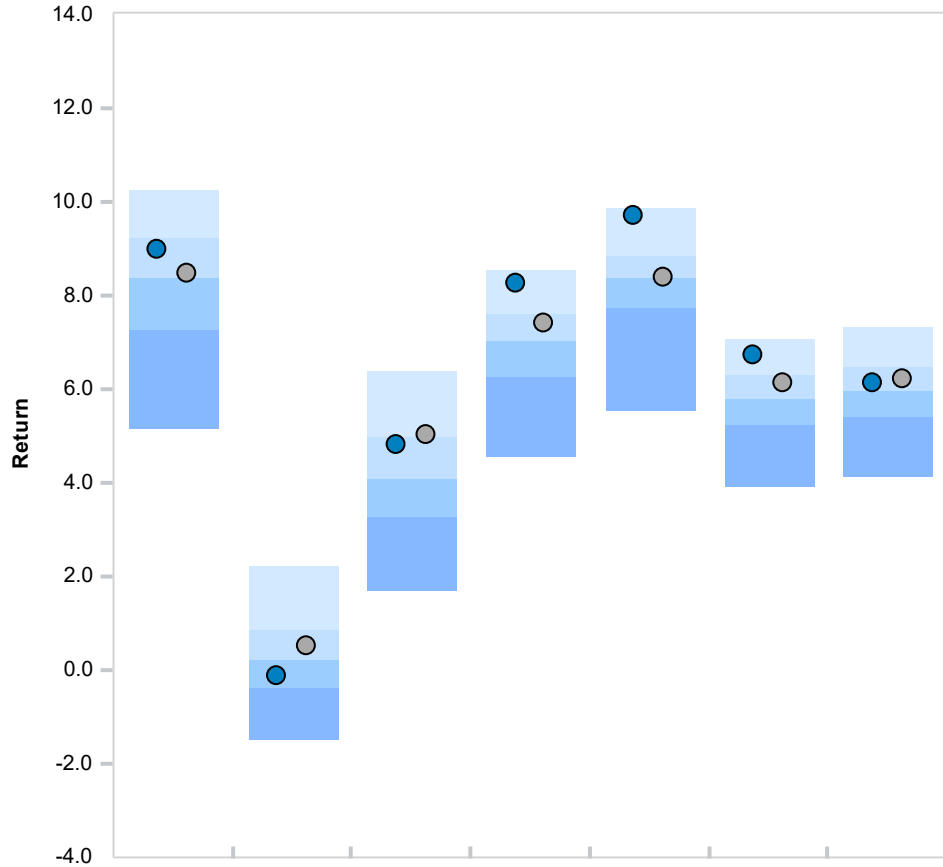
3 Year Rolling Percentile Rank All Public Plans-Total Fund



5 Year Rolling Percentile Rank All Public Plans-Total Fund

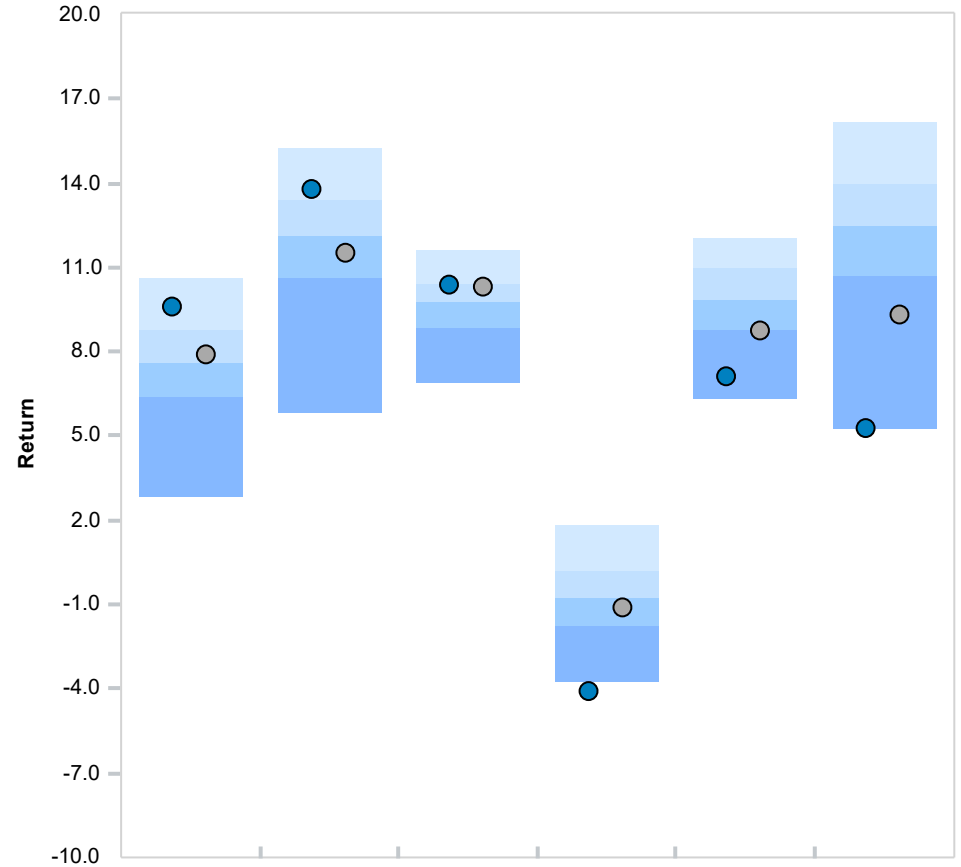


Peer Group Analysis - All Public Plans-Total Fund



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	8.98 (31)	-0.13 (66)	4.80 (31)	8.26 (8)	9.70 (7)	6.73 (12)	6.12 (45)
Index	8.45 (49)	0.52 (37)	5.04 (25)	7.39 (36)	8.40 (51)	6.13 (36)	6.23 (39)
Median	8.38	0.21	4.10	7.04	8.40	5.80	5.97

Peer Group Analysis - All Public Plans-Total Fund

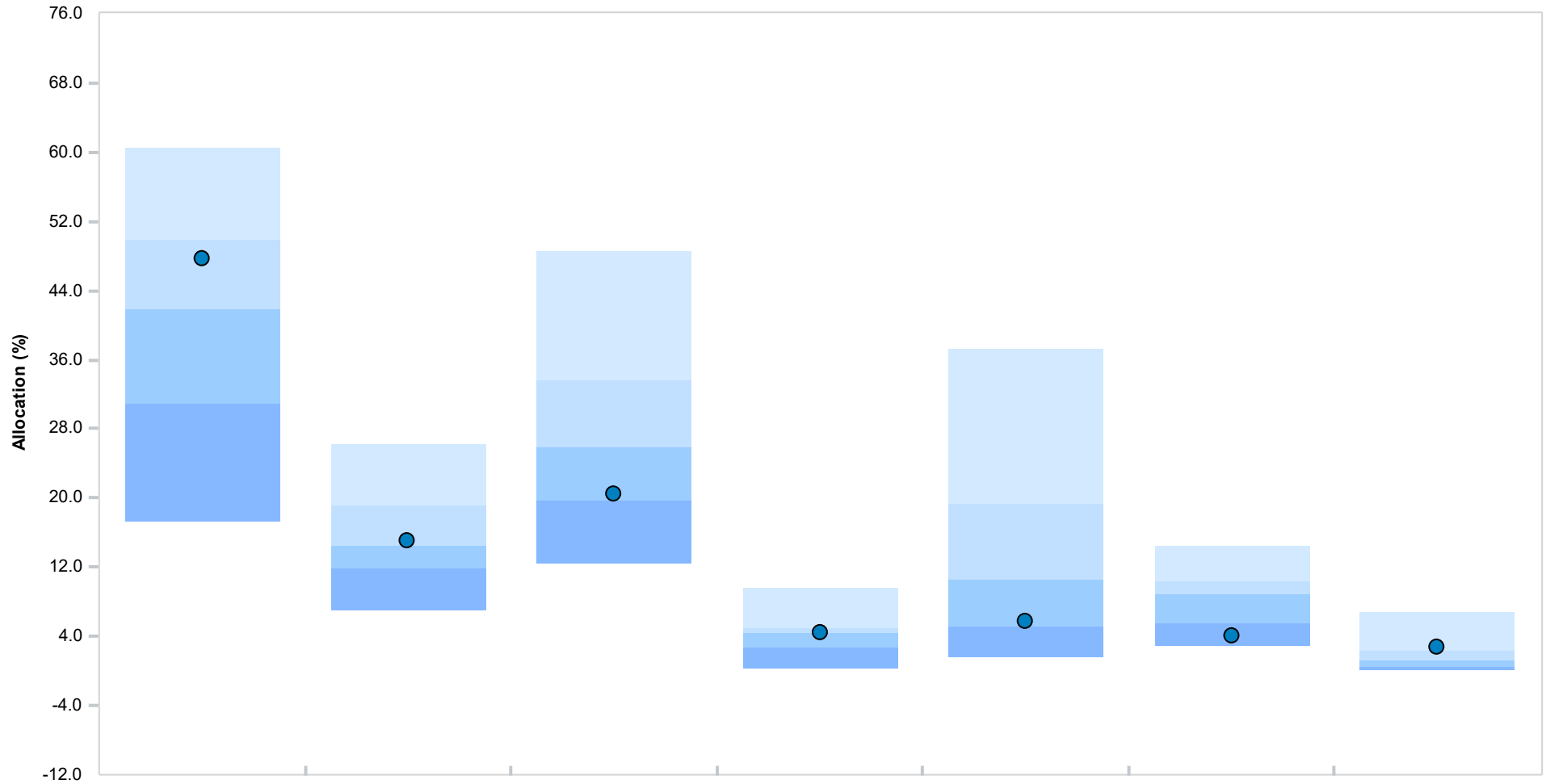


	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013
Investment	9.57 (14)	13.78 (17)	10.32 (28)	-4.12 (97)	7.12 (94)	5.23 (95)
Index	7.91 (43)	11.46 (60)	10.28 (30)	-1.11 (60)	8.71 (77)	9.26 (86)
Median	7.58	12.12	9.76	-0.78	9.89	12.46

Comparative Performance

	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018	1 Qtr Ending Dec-2017	1 Qtr Ending Sep-2017
Investment	-8.36 (64)	3.58 (13)	1.32 (44)	0.43 (13)	3.96 (29)	4.05 (15)
Index	-7.74	2.71	1.19	-0.28	3.64	3.45
Median	-7.32 (41)	3.18 (25)	1.28 (47)	-0.50 (67)	3.78 (40)	3.40 (54)

Plan Sponsor TF Asset Allocation vs. All Public Plans-Total Fund



	US Equity	Intl. Equity	US Fixed Income	Intl. Fixed Income	Alternative Inv.	Real Estate	Cash
● Total Fund	47.66 (33)	14.99 (46)	20.53 (71)	4.37 (49)	5.74 (71)	4.00 (91)	2.71 (21)
5th Percentile	60.56	26.26	48.60	9.58	37.16	14.39	6.87
1st Quartile	49.86	19.18	33.70	5.03	19.36	10.46	2.41
Median	41.90	14.55	25.86	4.37	10.55	8.97	1.21
3rd Quartile	30.88	11.86	19.61	2.77	5.14	5.45	0.57
95th Percentile	17.19	7.03	12.48	0.23	1.61	2.95	0.07
Population	652	599	592	226	192	365	457

Parentheses contain percentile rankings.
Calculation based on <Periodicity> periodicity.



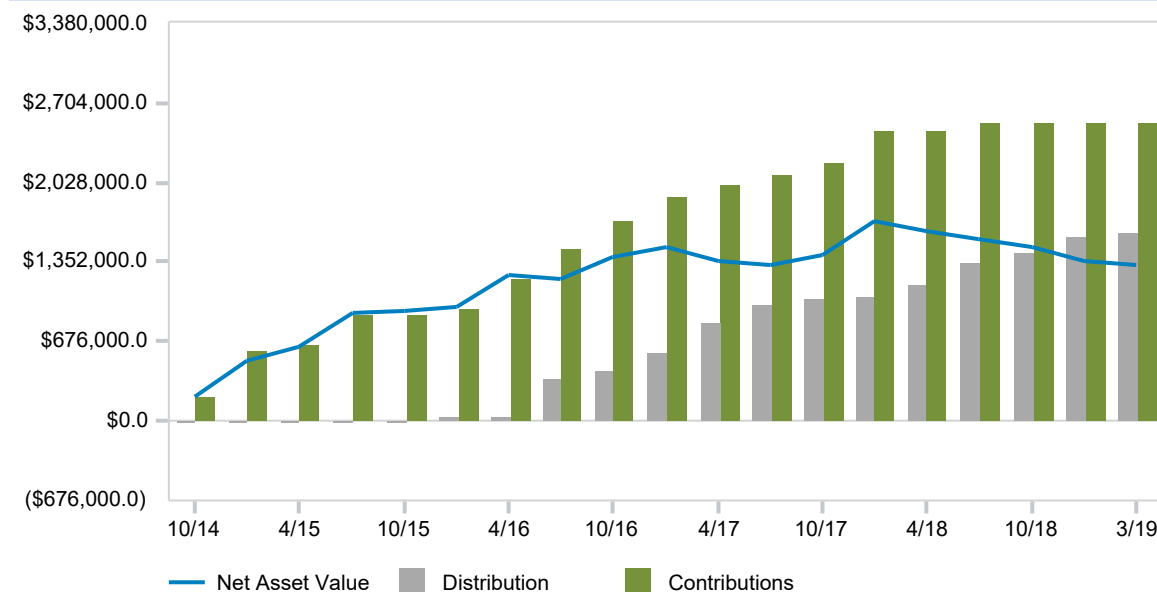
Fund Information

Type of Fund:	Direct	Vintage Year:	2013
Strategy Type:	Other	Management Fee:	1.0% on invested equity capital
Size of Fund:	-	Preferred Return:	
Inception:	09/04/2013	General Partner:	Crescent Direct Lending, LLC
Final Close:	09/04/2014	Number of Funds:	
Investment Strategy: High Current Income while focusing on preservation of capital through investment primarily in senior secured loans of private U.S. lower-middle-market companies.			

Cash Flow Summary

Capital Committed:	\$2,000,000
Capital Invested:	\$2,537,288
Management Fees:	\$2,147
Expenses:	\$176,185
Interest:	-
Total Contributions:	\$2,537,288
Remaining Capital Commitment:	\$282,673
Total Distributions:	\$1,605,489
Market Value:	\$1,328,936
Inception Date:	10/09/2014
Inception IRR:	7.6
TVPI:	1.2

Cash Flow Analysis



Comparative Performance
Manager Composite Performance Comparison
As of March 31, 2019

Comparative Performance Trailing Returns						
	1 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Vanguard 500 Idx;Adm (VFIAX)	9.46	13.47	10.87	12.81	15.90	8.55
S&P 500 Index	9.50	13.51	10.91	12.85	15.92	8.57
IM U.S. Large Cap Core Equity (MF) Median	7.74	12.37	9.37	11.58	14.58	7.92
Harbor:Cap Apprec;Inst (HACAX)	11.52	18.49	13.94	14.41	17.21	10.26
Russell 1000 Growth Index	12.75	16.53	13.50	14.34	17.52	9.71
IM U.S. Large Cap Growth Equity (MF) Median	12.03	16.08	12.46	13.28	16.16	9.01
BrndywnGLB Dyn US LCV;IS (LMBGX)	5.08	10.94	N/A	N/A	N/A	N/A
Russell 1000 Value Index	5.67	10.45	7.72	11.14	14.52	7.63
IM U.S. Large Cap Value Equity (MF) Median	4.23	10.28	7.12	10.23	13.41	6.99
Vanguard Ext MI;Adm (VEXAX)	4.95	13.29	7.86	11.55	16.59	9.28
S&P Completion Index	4.76	13.17	7.75	11.45	16.49	N/A
IM U.S. SMID Cap Core Equity (MF) Median	0.38	9.97	6.01	9.74	14.71	7.96
Vanguard Intl Val;Inv (VTRIX)	-5.86	7.92	1.78	5.22	8.47	5.48
Vanguard International Value Hybrid	-3.74	8.61	3.05	5.21	8.69	5.09
IM International Equity (MF) Median	-7.09	7.21	2.55	4.88	8.92	5.67
American Funds EuPc;A (AEPGX)	-4.97	8.95	3.91	6.51	9.57	6.81
MSCI AC World ex USA	-3.74	8.61	3.05	5.21	9.35	6.06
IM International Large Cap Growth Equity (MF) Median	-4.57	7.33	2.93	5.33	9.10	5.97
Dodge & Cox Income (DODIX)	4.31	3.64	3.15	3.36	5.37	4.48
Blmbg. Barc. U.S. Aggregate Index	4.48	2.03	2.74	2.48	3.77	3.89
IM U.S. Broad Market Core Fixed Income (MF) Median	4.09	2.13	2.49	2.45	4.50	3.72
Templeton GI Tot Rtn;Adv (TTRZX)	2.25	5.14	2.16	3.63	7.21	N/A
Blmbg.Barc. Global Multiverse	-0.29	1.85	1.20	1.41	3.33	3.50
IM Global Fixed Income (MF) Median	0.24	2.25	1.31	1.70	3.95	3.67
Blackrock Multi-Asset Income (BKMIX)	N/A	N/A	N/A	N/A	N/A	N/A
50% ACWI/50% Barclays Agg	4.08	6.70	5.03	5.87	8.37	5.92
IM Flexible Portfolio (MF) Median	1.38	5.78	3.68	5.19	8.54	5.31

Returns for periods greater than one year are annualized.
Returns are expressed as percentages.



Comparative Performance
Manager Composite Performance Comparison
As of March 31, 2019

Comparative Performance Calendar Year Returns

	YTD	2018	2017	2016	2015	2014	2013
Vanguard 500 Idx;Adm (VFIAX)	13.65	-4.43	21.79	11.93	1.36	13.64	32.33
S&P 500 Index	13.65	-4.38	21.83	11.96	1.38	13.69	32.39
IM U.S. Large Cap Core Equity (MF) Median	13.12	-5.60	21.17	10.06	0.14	11.36	31.77
Harbor:Cap Apprec;Inst (HACAX)	17.54	-1.03	36.59	-1.07	10.99	9.93	37.66
Russell 1000 Growth Index	16.10	-1.51	30.21	7.08	5.67	13.05	33.48
IM U.S. Large Cap Growth Equity (MF) Median	16.26	-0.85	29.47	2.17	6.01	10.46	33.91
BrndywnGLB Dyn US LCV;IS (LMBGX)	12.33	-9.17	21.95	10.56	-3.69	N/A	N/A
Russell 1000 Value Index	11.93	-8.27	13.66	17.34	-3.83	13.45	32.53
IM U.S. Large Cap Value Equity (MF) Median	11.56	-9.09	16.36	13.85	-3.58	10.82	32.40
Vanguard Ext MI;Adm (VEXAX)	15.97	-9.36	18.11	16.13	-3.27	7.56	38.37
S&P Completion Index	15.99	-9.57	18.11	15.95	-3.35	7.50	38.24
IM U.S. SMID Cap Core Equity (MF) Median	14.01	-12.53	13.42	20.42	-4.01	5.39	36.46
Vanguard Intl Val;Inv (VTRIX)	9.44	-14.52	27.96	4.46	-6.44	-6.69	22.15
Vanguard International Value Hybrid	10.44	-13.78	27.77	5.01	-5.25	-3.44	15.78
IM International Equity (MF) Median	10.53	-16.01	28.78	1.79	-2.35	-4.47	17.51
American Funds EuPc;A (AEPGX)	13.11	-15.19	30.73	0.66	-0.82	-2.64	20.15
MSCI AC World ex USA	10.44	-13.78	27.77	5.01	-5.25	-3.44	15.78
IM International Large Cap Growth Equity (MF) Median	12.38	-15.05	29.65	-0.58	-0.39	-4.76	18.69
Dodge & Cox Income (DODIX)	3.70	-0.31	4.36	5.61	-0.59	5.48	0.64
Blmbg. Barc. U.S. Aggregate Index	2.94	0.01	3.54	2.65	0.55	5.97	-2.02
IM U.S. Broad Market Core Fixed Income (MF) Median	3.23	-0.63	3.58	2.86	0.09	5.55	-1.98
Templeton GI Tot Rtn;Adv (TTRZX)	1.92	2.03	3.09	8.66	-4.64	0.62	3.81
Blmbg.Barc. Global Multiverse	2.39	-1.36	7.69	2.84	-3.29	0.48	-2.19
IM Global Fixed Income (MF) Median	3.10	-1.75	6.81	2.92	-3.83	1.91	-2.52
Blackrock Multi-Asset Income (BKMIX)	6.99	N/A	N/A	N/A	N/A	N/A	N/A
50% ACWI/50% Barclays Agg	7.60	-4.32	13.65	5.70	-0.41	5.42	10.11
IM Flexible Portfolio (MF) Median	7.77	-6.95	12.03	6.40	-3.42	3.46	11.04

Returns for periods greater than one year are annualized.
Returns are expressed as percentages.



Killeen Firefighters' Relief & Retirement Fund

Fee Analysis

As of March 31, 2019

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Vanguard Index 500 (VFIAX)	0.04	8,861,237	3,544	0.04 % of Assets
Harbor Capital Appreciation (HNACX)	0.65	3,554,262	23,103	0.65 % of Assets
Brandywine Global Dynamic US LCV (LMBGX)	0.65	3,366,660	21,883	0.65 % of Assets
Vanguard Extended Market (VEXAX)	0.10	2,709,756	2,710	0.10 % of Assets
Total Domestic Equity	0.28	18,491,914	51,240	
Vanguard International Value (VTRIX)	0.44	3,176,707	13,978	0.44 % of Assets
American Funds EuroPacific Gr R6 (RERGX)	0.49	3,257,057	15,960	0.49 % of Assets
Total International Equity	0.47	6,433,764	29,937	
Dodge & Cox Income Fund (DODIX)	0.43	8,812,184	37,892	0.43 % of Assets
Crescent Direct Lending Fund	1.35	1,328,936	17,941	1.35 % of Assets
Total Domestic Fixed Income	0.55	10,141,120	55,833	
Templeton Global Total Return (FTTRX)	0.66	1,877,048	12,389	0.66 % of Assets
Total Global Fixed Income	0.66	1,877,048	12,389	
PIMCO TacOps Fund (TS)	1.25	1,136,440	14,206	1.25 % of Assets
Blackrock Multi-Asset Income (BKMIX)	0.53	1,971,010	10,446	0.53 % of Assets
Total Tactical Strategies	0.79	3,107,451	24,652	
ASB (Real Estate)	1.25	1,718,417	21,480	1.25 % of First \$5 M 1.00 % Thereafter
Total Real Estate	1.25	1,718,417	21,480	
Total Cash Reserves		1,163,844	-	
Total Fund	0.46	42,933,557	195,531	

Total Fund Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-1990	
Russell 3000 Index	32.50
MSCI AC World ex USA	16.00
Blmbg. Barc. U.S. Aggregate Index	34.50
Bloomberg Barclays Global Aggregate	7.00
CPI + 5%	10.00

Jul-2014

Russell 3000 Index	41.50
MSCI AC World ex USA	15.00
Blmbg. Barc. U.S. Aggregate Index	30.00
Bloomberg Barclays Global Aggregate	5.00
HFRX Global Hedge Fund Index	3.50
CPI + 5%	5.00

Jul-2016

Russell 3000 Index	41.50
MSCI AC World ex USA	15.00
Blmbg. Barc. U.S. Aggregate Index	25.00
Bloomberg Barclays Global Aggregate	5.00
HFRX Global Hedge Fund Index	3.50
CPI + 5%	5.00
NCREIF Fund Index-Open End Diversified Core (EW)	5.00

Total Equity Portfolio Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
Russell 3000 Index	73.00
MSCI AC World ex USA	27.00

Total Fixed Income Portfolio Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
Blmbg. Barc. U.S. Aggregate Index	83.00
Bloomberg Barclays Global Aggregate	17.00

Total Alternative Investments Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
CPI + 5%	60.00
HFRX Global Hedge Fund Index	40.00

Vanguard International Value Fund Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-1970	
MSCI EAFE Index	100.00
Jun-2010	
MSCI AC World ex USA	100.00

Total Domestic Equity Historical Hybrid Composition

Allocation Mandate	Weight (%)
--------------------	------------

Jan-2010

Russell 3000 Index	100.00
--------------------	--------

Total Domestic Fixed Income Historical Hybrid Composition

Allocation Mandate	Weight (%)
--------------------	------------

Jan-2010

Blmbg. Barc. U.S. Aggregate Index	100.00
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Total International Equity Historical Hybrid Composition

Allocation Mandate	Weight (%)
--------------------	------------

Jan-2010

MSCI AC World ex USA	100.00
----------------------	--------

Total Global Fixed Income Historical Hybrid Composition

Allocation Mandate	Weight (%)
--------------------	------------

Jan-2010

Bloomberg Barclays Global Aggregate	100.00
-------------------------------------	--------

Total Real Estate Portfolio Historical Hybrid Composition

Allocation Mandate	Weight (%)
--------------------	------------

Jun-2016

NCREIF Fund Index-Open End Diversified Core (EW)	100.00
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Total Fund Compliance:			
	Yes	No	N/A
3. The Total Plan return equaled or exceeded the policy index return over the trailing three year period.	✓		
3. The Total Plan return equaled or exceeded the policy index return over the trailing five year period.		✓	
3. The Total Plan return equaled or exceeded the 7.75% actuarial rate of return over the trailing five year period.		✓	
4. The Total Plan return equaled or exceeded the 7.75% actuarial rate of return over the trailing ten year period.			✓
5. The Total Plan return equaled or exceeded the Consumer Price Index (CPI) plus 3.00% over the trailing three year period.	✓		
6. The Total Plan return equaled or exceeded the Consumer Price Index (CPI) plus 3.00% over the trailing five year period.	✓		
6. The Total Plan return equaled or exceeded the Consumer Price Index (CPI) plus 3.00% over the trailing ten year period.			✓
7. The Total Plan return ranked within the top 50th percentile of its peer group over the trailing three year period.	✓		
8. The Total Plan return ranked within the top 50th percentile of its peer group over the trailing five year period.		✓	
8. The Total Plan return ranked within the top 50th percentile of its peer group over the trailing ten year period.			✓
Equity Compliance:			
	Yes	No	N/A
1. The Total Equity return equaled or exceeded the total equity index over the trailing three year period.	✓		
2. The Total Equity return equaled or exceeded the total equity index over the trailing five year period.		✓	
4. No single equity holding accounts for more than 12% of the market value of any manager's portfolio.	✓		
5. The stock of no single corporation accounts for more than 5% of the market value of the total fund.	✓		
6. The total equity allocation was less than 70% of the total plan assets at market value.	✓		
Fixed Income Compliance:			
	Yes	No	N/A
1. The Total Fixed Income return equaled or exceeded the total fixed income index over the trailing three year period.	✓		
2. The Total Fixed Income return equaled or exceeded the total fixed income index over the trailing five year period.	✓		
4. Excluding US Government issues, no single bond holding accounts for more than 5% of the market value of any manager's portfolio.	✓		
5. The bond of no single corporation accounts for more than 5% of the market value of the total fund.	✓		
6. The total global fixed income allocation was less than 25% of the total plan assets at market value.	✓		



	VG 500			Harbor			Brandywine			VG Ext Mkt*			VG Int Value		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three and five year periods.		✓		✓					✓	✓				✓	
2. Manager ranked within the top 50%-tile over trailing three and five year periods.	✓			✓					✓	✓				✓	
3. Less than four consecutive quarters of under performance relative to the benchmark.	✓			✓			✓			✓			✓		
4. Three and five-year standard deviation is lower than the index		✓			✓				✓	✓			✓		
5. Manager maintained style consistency for the mandate	✓			✓			✓			✓			✓		
6. Manager maintained low turnover in portfolio team or senior management.	✓			✓			✓			✓			✓		
7. Benchmark and index remained the same for the portfolio.	✓			✓			✓			✓			✓		
8. Manager sustained compliance with IPS.	✓			✓			✓			✓			✓		
9. No investigation by SEC was conducted on the manager.	✓			✓			✓			✓			✓		
10. Manager did not experience a merger or sale of the firm	✓			✓			✓			✓			✓		
11. Manager did not experience significant asset flows into or out of the company.	✓			✓			✓			✓			✓		
12. Manager is charging the same fee.	✓			✓			✓			✓			✓		
13. No reported servicing issues with manager.	✓			✓			✓			✓			✓		
*Only 3 year data available															

	Am Euro*			Dodge & Cox*			Templeton*			PIMCO*			Blackrock		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three and five year periods.	✓			✓			✓			✓					✓
2. Manager ranked within the top 50%-tile over trailing three and five year periods.	✓			✓			✓			✓					✓
3. Less than four consecutive quarters of under performance relative to the benchmark.	✓			✓			✓			✓					✓
4. Three and five-year standard deviation is lower than the index		✓		✓				✓			✓				✓
5. Manager maintained style consistency for the mandate	✓			✓			✓			✓			✓		
6. Manager maintained low turnover in portfolio team or senior management.	✓			✓			✓			✓			✓		
7. Benchmark and index remained the same for the portfolio.	✓			✓			✓			✓			✓		
8. Manager sustained compliance with IPS.	✓			✓			✓			✓			✓		
9. No investigation by SEC was conducted on the manager.	✓			✓			✓			✓			✓		
10. Manager did not experience a merger or sale of the firm	✓			✓			✓			✓			✓		
11. Manager did not experience significant asset flows into or out of the company.	✓			✓			✓			✓			✓		
12. Manager is charging the same fee.	✓			✓			✓			✓			✓		
13. No reported servicing issues with manager.	✓			✓			✓			✓			✓		
*Only 3 year data available															



ASB				
	Yes	No	N/A	
1. Manager outperformed the index over the trailing three and five year periods.			✓	
2. Manager ranked within the top 50%-tile over trailing three and five year periods.			✓	
3. Less than four consecutive quarters of under performance relative to the benchmark.	✓			
4. Three and five-year standard deviation is lower than the index			✓	
5. Manager maintained style consistency for the mandate	✓			
6. Manager maintained low turnover in portfolio team or senior management.	✓			
7. Benchmark and index remained the same for the portfolio.	✓			
8. Manager sustained compliance with IPS.	✓			
9. No investigation by SEC was conducted on the manager.	✓			
10. Manager did not experience a merger or sale of the firm	✓			
11. Manager did not experience significant asset flows into or out of the company.	✓			
12. Manager is charging the same fee.	✓			
13. No reported servicing issues with manager.	✓			
*Only 3 year data available				

- Historical data has been recreated using monthly statements from Fidelity with an inception date of January 1, 2010.
- The Total Fund IPS Benchmark is constructed using the allocations in the new Investment Policy Statement approved June 20, 2014.

Active Return	- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.
Alpha	- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.
Beta	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.
Consistency	- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.
Distributed to Paid In (DPI)	- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.
Down Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance
Downside Risk	- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.
Excess Return	- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.
Excess Risk	- A measure of the standard deviation of a portfolio's performance relative to the risk free return.
Information Ratio	- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.
Public Market Equivalent (PME)	- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.
R-Squared	- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.
Return	- Compounded rate of return for the period.
Sharpe Ratio	- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.
Standard Deviation	- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.
Total Value to Paid In (TVPI)	- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life
Tracking Error	- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.
Treynor Ratio	- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.
Up Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.

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