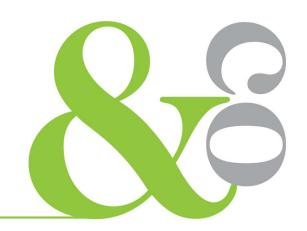
Investment Performance Review Period Ending December 31, 2018

City of Key West General Employees' Pension Fund



AndCo Consulting | (844) 44-ANDCO | AndCoConsulting.com

As we start 2019, we first want to say "Thank you" for giving AndCo the opportunity to serve you. On behalf of our entire organization, we are extremely grateful for our client partnerships and we will continue working hard to maintain your trust and confidence. Our mission statement reads – "To represent the sole interest of our clients by redefining independence". We're happy to report we remain steadfast in this core belief and continue to build an organization and service model that is singularly focused and independent. This helps ensure all recommendations are truly in the best interest of our valued clients. We believe this approach will drive value for our client partnerships long into the future.

AndCo also remains committed to delivering high quality, customized services. As we start 2019, we are 89 employees strong advising approximately \$90 billion in client assets - both record highs for AndCo. In 2018 we hired 7 new team members including one consultant, two research professionals, one additional compliance officer, one technology administrator and two team members within our client solutions group. All hires were made to better service our clients.

2019 will represent another year of reinvestment in the organization to better serve our clients and make AndCo stronger. For example, we have already hired a new Senior Research Analyst bringing our dedicated research team to 15 professionals. As 2019 progresses, we are targeting additional hires in research, software development, content creation and our client solutions group. We will also be partnering with an external firm this year to conduct an in-depth client assessment to help ensure we are meeting the evolving needs of our clients and exceeding their service expectations. There will be more information regarding this survey from the firm and your consultant over the coming months. Finally, we just completed our annual Firmwide retreat. This retreat was a great opportunity for our firm to spend time together with colleagues and get a clear understanding of where the company is going, and more importantly, why we're headed in that direction. Since the inception of AndCo, the idea has been to make the firm a multigenerational organization owned and managed by its employees. As a result, since 2015, along with the strategic elements of our annual retreat, we also started the process of announcing new partners of the firm to foster this succession plan and today we have 8 partners controlling 100% of the company.

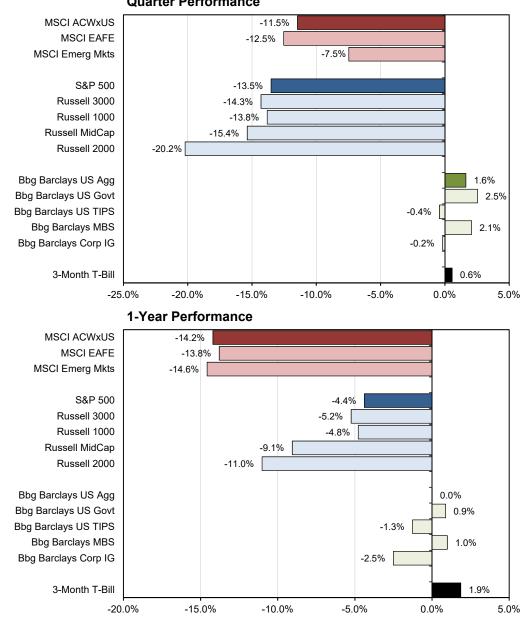
The evolution of our firm would not be possible without great partners like you. Our name reminds us who we work for every day: "Our Client" &Co. You will always be first in our service approach. As we continue to discuss updates with our firm, please know every decision is made by asking "How does this benefit our clients?" If it doesn't benefit you, we don't do it, it's that simple. We know our clients are facing many challenges and we want to be there to help get you through all environments. We are honored and humbled you have chosen AndCo as your partner. We don't take that relationship for granted and will continue to work tirelessly to exceed your expectations.

On behalf of AndCo, thank you for your valued partnership and the opportunity to serve you.

Mike Welker, CFA[®] President/CEO

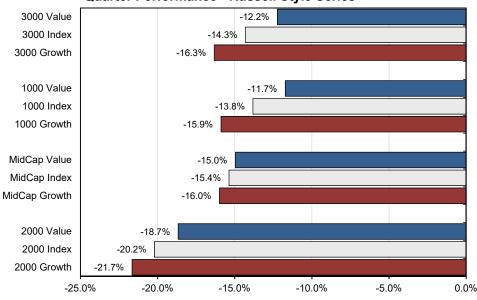


- Markets were volatile to end the 2018 calendar year. Both international and domestic equity markets had considerable losses during the 4th quarter while fixed income returns were muted, but outperformed relative to equities. Within equities, domestic stocks trailed international markets, reversing the 2018 trend of US market strength. Trade tensions between the US and China, midterm elections in US Congress, the effects of ongoing monetary policy tightening by the Federal Reserve (Fed), federal debt ceiling negotiations and the subsequent partial government shutdown outweighed generally positive corporate earnings and macroeconomic data reported during the quarter. The large cap S&P 500 Index returned -13.5% during the quarter while the small cap Russell 2000 Index fell by over 20% for the period. The drop in equity prices over the last three months was enough to take the returns for major US equity indices into negative territory for the 2018 calendar year. Returns over the 1-year period were -4.4% and -11.0% for the S&P 500 and Russell 2000 respectively.
- Similar to US equities, international equity index returns finished the quarter in negative territory with the MSCI ACWI ex US Index returning -11.5%. International markets faced headwinds from softening global macroeconomic data, tightening global monetary policy, uncertainty around Brexit negotiations, turmoil surrounding global trade relations, falling commodity prices and continued US Dollar (USD) strength. The developed market MSCI EAFE Index fell -12.5% during the 4th quarter, ending the year down -13.8%. Emerging markets performed well by comparison, only losing -7.5% during the quarter. Despite the 4th quarter outperformance, returns for emerging market equities trailed developed markets over the 1-year period with the MSCI EAFE Index.
- Fixed income securities outperformed equities through both the 4th quarter and calendar year 2018 with the broad market Bloomberg Barclays Aggregate Index returning 1.6% and 0.0% respectively. Interest rates on the US Treasury Yield Curve continued their 2018 flattening trend as short-term rates increased to near-term highs while long- term rates fell during the quarter. Some of the increase in short-term rates can be attributed to the late December Fed interest rate hike. This marked the fourth Fed interest rate increase of 2018. This movement in rates did lead to some short-term rates being higher than those of longer dated maturities. More conservative fixed income sectors such as Treasuries and mortgage backed securities outperformed during the quarter and for the year as investors moved toward the relative safety these securities provide while widening credit spreads acted as a headwind to corporate issues.

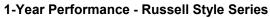


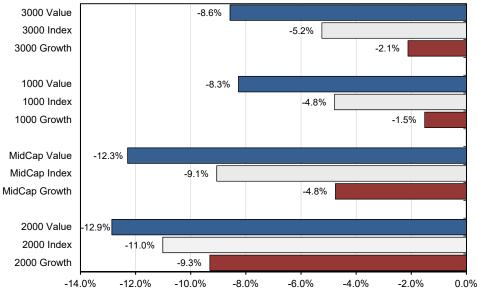
Quarter Performance

- US equity index returns were strongly negative across the style and capitalization spectrum during the 4th quarter of 2018. Despite these negative results, there was positive data in GDP, unemployment, wage growth, retail sales, and corporate earnings during the period. These positive economic factors were offset by softening data in housing, consumer confidence and manufacturing, tightening monetary policy, negative guidance for future corporate earnings and signs of slowing global growth which all contributed to the heavy selling in equities. Investors also considered the effects of ongoing trade negotiations, especially between the US and China, and the results of the US congressional midterm elections which likely reduced the chances of any major policy changes or new fiscal stimulus measures. The effects of partisan politics was particularly evident at the end of the quarter as budget negotiations between Democrats and Republicans collapsed over disagreement around the inclusion of funds for a border wall with Mexico, leading to a partial government shutdown to end the year.
- During the quarter, large cap stocks outperformed mid and small cap equities across growth, value and core indices. The large cap Russell 1000 Index fell 13.8% during the 4th quarter versus a -20.2% drop for the Russell 2000 Index. Part of the reason for weakness in small cap names is the steady increase in interest rates that occurred over 2018 as small cap companies typically maintain a higher percentage of debt than their large cap peers. Small cap names are also typically more volatile than larger companies and they have historically underperformed during market downturns. Similar to the most recent quarter, large cap stocks outperformed relative to small caps through calendar year 2018. The Russell 1000 returned -4.8% for the 1-year periods compared to a -11.0% return for the Russell 2000.
- Value indices outperformed growth indices across the market cap spectrum during the 4th quarter, reversing a year-to-date trend of growth stock outperformance. The large cap Russell 1000 Value Index was the best performing style index for the period, returning -11.7% for the quarter, while the Russell 2000 Growth Index was the worst performer, returning -21.7%. Value benchmarks tend to outperform in down markets as they benefit from their relative safety and higher dividend yields. Despite the short-term underperformance, growth benchmarks continue to outperform over the 1-year period, however, many of the sector exposures that drove growth stock outperformance during the first three quarters of the year, such as technology and consumer discretionary, were relative detractors during the 4th quarter.



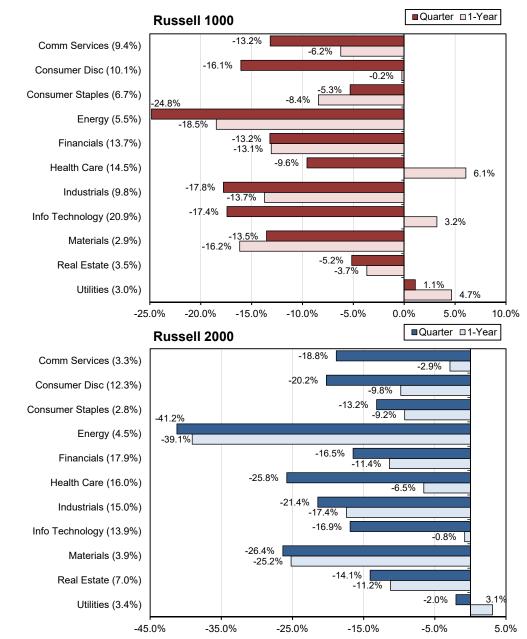
Quarter Performance - Russell Style Series







- Both S&P Dow Jones Indices and MSCI made changes to the Global Industry Classification Standard (GICS) sector configurations of their indices, creating a new GICS sector classification called Communication Services which replaced the Telecommunications sector on September 28, 2018. The Communication Services sector is comprised of companies in the Telecommunications sector, as well as certain companies formerly classified as Consumer Discretionary and Information Technology. As a result, the sector, went from a weighting of about 2% of the Russell 1000 Index to almost 10% post reclassification. Notable names now classified under Communication Services include Netflix, Alphabet, Facebook and Disney. This is just the second change to the GICS classifications since 1999.
- Sector performance was broadly negative across large cap sectors for the 4th quarter. All sectors within the Russell 1000 Index with the exception of the utilities sector posted negative returns for the period with seven sectors outpacing the return on the index. Cyclical sectors such as energy, industrials and technology were the worst performers through the quarter returning -24.8%, -17.8% and -17.4% respectively. Energy companies were hurt by a steep decline in oil prices during the quarter while technology and industrial companies fell on negative guidance for future earnings. More defensive, higher dividend paying sectors such as utilities, REITs and consumer staples were the strongest performing sectors with returns of 1.1%, -5.2% and -5.3% respectively. Only three sectors (health care, utilities, technology) posted positive results over the 1-year period with the remaining sectors losing ground during the calendar year.
- Quarterly results for small cap sectors were generally lower relative to their large capitalization counterparts. All eleven sectors had negative returns during the period with six of eleven economic sectors outpacing the Russell 2000 Index return for the quarter. Energy, materials and healthcare posted the worst returns for the period returning -41.2%, -26.4% and -25.8% respectively. Similar to large caps, defensive sectors performed well with utilities, consumer staples and real estate detracting the least returning -2.0%, -13.2% and -14.1% respectively. Over the trailing 1-year period, only utilities posted a gain returning 3.1%. Energy stocks were the worst performers in 2018, falling a considerable -41.2%.
- Using S&P 500 sector valuations as a proxy for the market, forward P/E ratios for three of the eleven GICS sectors were higher than their long-term averages at quarter-end. Using these historical P/E measures, the utilities, consumer discretionary and real estate sectors appear the most extended. In contrast the financials, technology and energy sectors were trading at a discount to their long-term average P/E ratios.



Source: Morningstar Direct

The Market Environment Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000 As of December 31, 2018

Top 10 Weighted Stocks						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Microsoft Corp	3.27%	-11.2%	20.3%	Information Technology		
Apple Inc	3.24%	-29.9%	-5.4%	Information Technology		
Amazon.com Inc	2.59%	-25.0%	28.4%	Consumer Discretionary		
Berkshire Hathaway Inc B	1.68%	-4.6%	3.0%	Financials		
Johnson & Johnson	1.47%	-6.0%	-5.1%	Health Care		
JPMorgan Chase & Co	1.39%	-12.9%	-6.6%	Financials		
Alphabet Inc Class C	1.34%	-13.2%	-1.0%	Communication Services		
Alphabet Inc A	1.32%	-13.4%	-0.8%	Communication Services		
Facebook Inc A	1.32%	-20.3%	-25.7%	Communication Services		
Exxon Mobil Corp	1.23%	-19.0%	-15.1%	Energy		

Top 10 Performing Stocks (by Quarter)							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector			
Tesaro Inc	0.01%	90.3%	-10.4%	Health Care			
Red Hat Inc	0.13%	28.9%	46.2%	Information Technology			
Virtu Financial Inc A	0.00%	27.1%	45.9%	Financials			
Tesla Inc	0.19%	25.7%	6.9%	Consumer Discretionary			
SCANA Corp	0.03%	23.2%	23.1%	Utilities			
Tribune Media Co A	0.02%	18.9%	9.7%	Communication Services			
MarketAxess Holdings Inc	0.03%	18.6%	5.6%	Financials			
ARRIS International PLC	0.02%	17.6%	19.0%	Information Technology			
United States Cellular Corp	0.00%	16.1%	38.1%	Communication Services			
Newmont Mining Corp	0.08%	15.2%	-6.2%	Materials			

Top 10 Weighted Stocks							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
Integrated Device Technology Inc	0.35%	3.0%	62.9%	Information Technology			
Etsy Inc	0.32%	-7.4%	132.6%	Consumer Discretionary			
Five Below Inc	0.31%	-21.3%	54.3%	Consumer Discretionary			
Haemonetics Corp	0.29%	-12.7%	72.3%	Health Care			
Ciena Corp	0.27%	8.5%	62.0%	Information Technology			
Planet Fitness Inc A	0.26%	-0.8%	54.8%	Consumer Discretionary			
Idacorp Inc	0.26%	-5.6%	4.6%	Utilities			
HubSpot Inc	0.26%	-16.7%	42.2%	Information Technology			
LivaNova PLC	0.25%	-26.2%	14.5%	Health Care			
Cree Inc	0.24%	13.0%	15.2%	Information Technology			

Top 10 Performing Stocks (by Quarter)								
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector				
Electro Scientific Industries Inc	0.05%	71.7%	39.8%	Information Technology				
Fluent Inc	0.01%	67.4%	3.4%	Communication Services				
Mitek Systems Inc	0.02%	53.3%	20.8%	Information Technology				
Arsanis Inc	0.00%	43.2%	-81.8%	Health Care				
Inovalon Holdings Inc	0.05%	41.1%	-5.5%	Health Care				
K12 Inc	0.05%	40.1%	55.9%	Consumer Discretionary				
Investment Technology Group Inc	0.05%	39.9%	59.0%	Financials				
Eidos Therapeutics Inc	0.01%	37.9%	N/A	Health Care				
Belmond Ltd Class A	0.13%	37.2%	104.3%	Consumer Discretionary				
Pacific Biosciences of California Inc	0.06%	36.8%	180.3%	Health Care				

Bottom 10 Performing Stocks (by Quarter) 1-Qtr

Return

-93.3%

-88.3%

-84.3%

-84.1%

-82.9%

-82.6%

-81.9%

-81.7%

-80.2%

-80.0%

Weight

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

1-Year

Return

-94.9%

-94.9%

-87.2%

-91.8%

-72.9%

-84.7%

-82.4%

-84.4%

-84.0%

-82.0%

Sector

Energy

Energy

Energy

Energy

Energy

Health Care

Health Care

Health Care

Health Care

Health Care

Во	ttom 10 Perform	ning Stocks			
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	Russell 2000
Weatherford International PLC	0.00%	-79.4%	-86.6%	Energy	Synergy Pharmaceuticals Inc
Nabors Industries Ltd	0.00%	-66.8%	-69.3%	Energy	Sanchez Energy Corp
Extraction Oil & Gas Inc	0.00%	-62.0%	-70.0%	Energy	Sienna Biopharmaceuticals In
Adient PLC	0.01%	-61.4%	-80.4%	Consumer Discretionary	Cloud Peak Energy Inc
Whiting Petroleum Corp	0.01%	-57.2%	-14.3%	Energy	Selecta Biosciences Inc
Kosmos Energy Ltd	0.00%	-56.5%	-40.6%	Energy	Clearside Biomedical Inc
Chesapeake Energy Corp	0.01%	-53.2%	-47.0%	Energy	Key Energy Services Inc
Conduent Inc	0.01%	-52.8%	-34.2%	Information Technology	AAC Holdings Inc
NVIDIA Corp	0.33%	-52.4%	-30.8%	Information Technology	PHI Inc Non-Voting Shares
SM Energy Co	0.01%	-50.8%	-29.6%	Energy	Bristow Group Inc

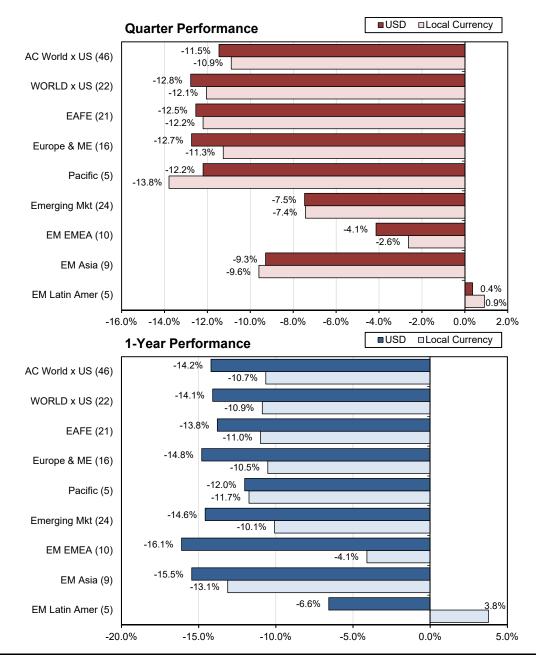
Source: Morningstar Direct



Page 6

- Broad international equity returns were negative for the quarter in both local currency and USD terms. Geopolitical concerns, weakening economic data and the tightening of global monetary policy drove most of the negative performance. The USD also continued to strengthen against most currencies for the period which provided a headwind for USD based investors. The MSCI ACWI ex US Index fell -10.9% in local currency terms and -11.5% in USD terms during the 4th quarter. Returns for international indices were also broadly negative over the 1-year period in both local currency and USD terms with the MSCI ACWI ex US returning -10.7% and -14.2% respectively.
- Fourth guarter results for developed market international indices were negative in both local currency and USD terms with the MSCI EAFE Index returning -12.2% and -12.5% respectively. Returns were dampened for US investors as the USD continued to appreciate against most currencies, pushing returns lower. Global economic reporting during the guarter fueled concerns that global growth was beginning to slow. Japanese economic data faced headwinds from several natural disasters and data out of Europe was generally disappointing. Investors also weighed the effects of several significant political events in Europe including riots in France, ongoing budget negotiations between Italy and the EU and uncertainty around Brexit. Concerns over a "no deal" Brexit grew during the guarter as the draft withdrawal agreement presented by UK Prime Minister Theresa May was poorly received leading to a wave of cabinet resignations, a delay in the parliamentary vote and a "no confidence" vote which she ultimately won. The MSCI EAFE Index returned -11.0% and -13.8% for the last twelve months in local currency and USD terms respectively.
- Emerging markets outperformed relative to developed markets for the 4th guarter, but still declined in both local currency and USD terms with the MSCI Emerging Markets Index returning -7.4% and -7.5% respectively. Returns in emerging markets were hurt by the continued uncertainty surrounding trade relations between the US and China as both countries agreed to a 90-day hold on any new tariffs to allow for continued negotiations. Chinese economic data also appeared to be slowing during the quarter prompting the announcement of additional monetary and fiscal stimulus. The election of President Andres Manuel Lopez Obrador hurt returns in Mexico as investors feared the potential ramifications of his nationalist campaign promises. In contrast, Brazil was one of the few bright spots during the guarter as market participants looked favorably on the election of President Jair Bolsonaro in anticipation of market friendly economic reforms, including reforms associated with the countries bloated state pension system which has weighed heavily on the country's debt load. One year returns for the MSCI Emerging Market Index were -10.1% in local currency terms and -14.6% in USD terms.

The Market Environment International and Regional Market Index Performance (Country Count) As December 31, 2018





	The Market Environment
US Dollar International Index A	ttribution & Country Detail
	As of December 31, 2018

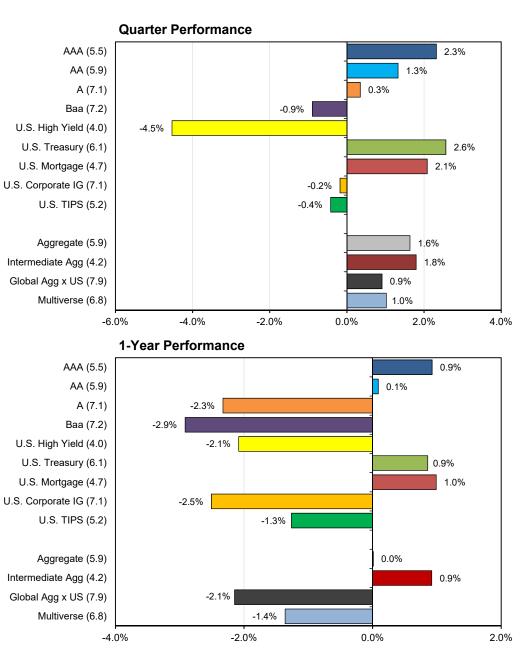
MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.6%	-7.7%	-12.1%
Consumer Discretionary	11.2%	-14.2%	-16.1%
Consumer Staples	11.6%	-8.4%	-10.8%
Energy	5.9%	-17.5%	-7.2%
Financials	19.5%	-13.7%	-20.1%
Health Care	11.2%	-10.3%	-4.3%
Industrials	14.3%	-14.6%	-15.7%
Information Technology	6.0%	-16.7%	-15.6%
Materials	7.4%	-15.2%	-17.5%
Real Estate	3.7%	-5.4%	-9.9%
Utilities	3.8%	-0.1%	1.1%
Total	100.0%	-12.5%	-13.8%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	7.6%	-5.5%	-11.9%
Consumer Discretionary	10.6%	-14.1%	-20.2%
Consumer Staples	9.9%	-7.4%	-11.2%
Energy	7.3%	-16.3%	-8.1%
Financials	22.2%	-10.7%	-16.8%
Health Care	8.4%	-11.2%	-6.2%
Industrials	11.7%	-13.7%	-15.1%
Information Technology	8.0%	-14.6%	-17.6%
Materials	7.7%	-13.4%	-15.9%
Real Estate	3.4%	-3.8%	-11.6%
Utilities	3.4%	0.5%	-0.9%
Total	100.0%	-11.5%	-14.2%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	14.1%	-3.7%	-14.9%
Consumer Discretionary	10.4%	-13.5%	-32.5%
Consumer Staples	6.7%	-4.6%	-13.7%
Energy	8.0%	-10.6%	4.7%
Financials	24.8%	-0.9%	-8.7%
Health Care	2.8%	-16.2%	-20.9%
Industrials	5.5%	-3.8%	-12.6%
Information Technology	14.2%	-12.7%	-19.3%
Materials	7.7%	-10.8%	-11.6%
Real Estate	3.0%	1.4%	-17.2%
Utilities	2.7%	3.6%	-3.8%
Total	100.0%	-7.5%	-14.6%

	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	24.6%	16.6%	-14.2%	-12.9%
United Kingdom	16.9%	11.4%	-11.8%	-14.2%
France	11.1%	7.5%	-15.1%	-12.8%
Germany	8.8%	6.0%	-15.5%	-22.2%
Switzerland	8.7%	5.8%	-8.9%	-9.1%
Australia	6.9%	4.7%	-10.0%	-12.0%
Hong Kong	3.9%	2.6%	-4.5%	-7.8%
Netherlands	3.4%	2.3%	-11.0%	-13.1%
Spain	3.1%	2.1%	-8.7%	-16.2%
Sweden	2.7%	1.8%	-14.2%	-13.7%
Italy	2.3%	1.5%	-11.8%	-17.8%
Denmark	1.8%	1.2%	-9.8%	-15.4%
Singapore	1.4%	0.9%	-6.7%	-9.4%
Finland	1.0%	0.7%	-14.7%	-3.4%
Belgium	1.0%	0.6%	-18.5%	-26.9%
Norway	0.7%	0.5%	-18.1%	-8.6%
Ireland	0.5%	0.4%	-17.7%	-25.3%
Israel	0.5%	0.4%	-14.4%	-5.5%
Austria	0.2%	0.2%	-20.7%	-27.4%
New Zealand	0.2%	0.2%	-6.6%	-27.478
Portugal	0.2%	0.1%	-14.3%	-4.0 %
Total EAFE Countries	100.0%	67.5%	-12.5%	-13.8%
Canada	100.076	6.5%	-15.3%	-17.2%
Total Developed Countries		74.0%	-12.8%	-17.2%
China		7.9%	-10.7%	-14.1%
Korea		3.6%	-13.1%	-10.9%
Taiwan		3.0%	-13.7%	-20.9%
India		2.4%	2.5%	-7.3%
Brazil		2.0%	13.4%	-0.5%
South Africa Russia		1.6%	-3.8%	-24.8%
		1.0%	-9.0%	-0.7%
Mexico		0.7%	-18.8%	-15.5%
Malaysia	_	0.6%	-5.8%	-6.0%
Thailand		0.6%	-10.2%	-5.5%
Indonesia		0.6%	9.7%	-9.2%
Poland		0.3%	-3.0%	-12.9%
Philippines		0.3%	5.3%	-16.5%
Qatar		0.3%	8.4%	29.8%
Chile		0.3%	-8.7%	-19.7%
United Arab Emirates		0.2%	-5.5%	-7.7%
Turkey		0.2%	4.8%	-41.4%
Colombia		0.1%	-19.0%	-11.5%
Peru		0.1%	-2.9%	1.6%
Hungary		0.1%	5.9%	-6.1%
Greece		0.1%	-16.0%	-36.8%
Czech Republic		0.0%	-8.7%	-4.5%
Egypt		0.0%	-9.4%	-14.0%
Pakistan		0.0%	-22.4%	-34.8%
Total Emerging Countries		26.0%	-7.5%	-14.6%
Total ACWIxUS Countries		100.0%	-11.5%	-14.2%

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 Page 7 Services sector.

- Broad fixed income benchmarks had mixed results during the 4th guarter. Interest rates rose across short-term maturities, but fell on those on the middle and long end of the US Treasury Yield Curve. The Federal Open Market Committee (FOMC), decided to increase short-term interest rates by 25 basis points at their December meeting citing the strength of the US economy which caused an increase in short-term interest rates, but equity market volatility led market participants toward less volatile assets, pushing rates lower on maturities greater than 1-year. This was the fourth rate hike of 2018. The current Fed Funds Rate target range sits at 2.25%-2.50%. This caused continued flattening in the yield curve with some moderate inversion, which happens when short-term maturities have greater yields than long-term securities, in the middle of curve. The difference in yields between the 2-year and 10-year Treasury now sits at just 0.21%. Historically, an inverted yield curve has signaled a greater probability of a recession. The Fed is also continuing the reduction of the size of its balance sheet by slowing its pace of reinvestment as the securities it holds mature. However, the Fed did lower its guidance for future rate increases in 2019 following a reduction in expectations for GDP and inflation. The Fed is now projecting just two additional interest rate increases in 2019. The Bloomberg Barclays US Aggregate Index was positive during the quarter, posting a 1.6% return, but was flat, returning 0.0% over the 1-year period.
- Within investment grade credit, higher quality issues outperformed lower quality issues as investors preferred more conservative securities. On an absolute basis, without negating the duration differences in the sub-indices, AAA rated credit was the best performing investment grade credit quality segment returning 2.3% for the quarter, while Baa was the worst performing, falling -0.9%. High yield debt trailed investment grade credit as spreads widened the most for these issues, returning -4.5%. Returns are mixed for the investment grade quality segments when viewed over the 1-year period with higher quality issues outperforming lower quality securities. High yield performed well relative to lower quality investment grade debt due to the relatively strong returns experienced during the first three quarters of 2018.
- During the 4th quarter, the more defensive Treasury and mortgage backed sectors of the Bloomberg Barclays US Aggregate Index's three broad sectors were the best performers returning 2.6% and 2.1% respectively. Investment grade corporate credit underperformed, returning -0.2%, as credit spreads widened considerably during the period. This trend carried through to the 1-year period as both Treasuries and mortgage backed securities outperformed both investment grade and high yield corporate debt. Calendar year 2018 performance for the Treasury, mortgage backed and investment grade corporate issues was 0.9%, 1.0% and -2.5% respectively. US TIPS returned 0.4% and -1.3% for the 4th quarter and 1-year period.

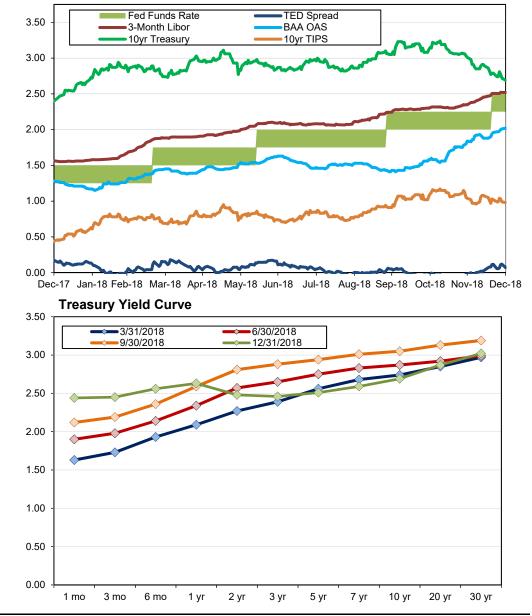


88

Source: Bloomberg

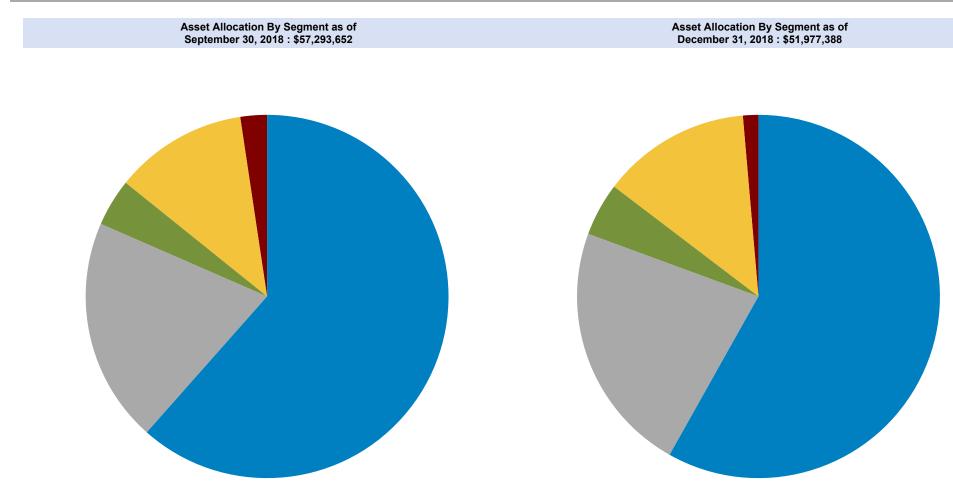
- Global fixed income indices continue to struggle relative to their domestic counterparts, underperforming during the 4th guarter. These indices have lower vields and the returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. During the 4th quarter the USD strengthened against most other 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 0.9% and -2.1% for the guarter and 1-year period respectively. As the global economy continues to recover, several international central banks have started to move toward less accommodative postures. Notably, the ECB, began to slow its monthly bond purchase program in September, reducing new purchases to 15 billion euro per month from 30 billion euro per month and ended the program entirely at year end. However, they have indicated a continuation of reinvestment in maturing securities and would likely not raise interest rates from current levels until summer 2019. The Bank of England and the Bank of Japan made no major policy changes during the guarter 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 during the 4th guarter after rising steadily through most of the year as investors moved to safe haven assets during the period, ending the year at 2.69%. 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 guarter as investors moved to higher quality assets. This increase is equivalent to an interest rate increase on corporate bonds, which produces an additional headwind for corporate bond index returns. These credit spreads have widened by about 59 basis points over the last 3-months. The green band across the graph illustrates the gradual increase in the Federal Funds Rate (four increases in the last twelve months) due to the continued tightening of US monetary policy.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four calendar quarters. As mentioned, the yield curve continues to flatten as yields on shorter-term maturities have risen more than interest rates on the long end of the curve. The upward momentum of interest rates as well as a general flattening of the yield curve are clearly visible over the last twelve months with some minor inversion visible in the middle of the yield curve.

1-Year Trailing Market Rates





Asset Allocation Summary Total Fund As of December 31, 2018



llocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
Equity	35,260,748	61.5	Equity	30,222,620	58.1
Domestic Fixed Income	11,458,629	20.0	Domestic Fixed Income	11,671,443	22.5
Global Fixed Income	2,422,587	4.2	Global Fixed Income	2,464,113	4.7
Real Estate	6,792,782	11.9	Real Estate	6,905,310	13.3
Cash Equivalent	1,358,906	2.4	Cash Equivalent	713,902	1.4



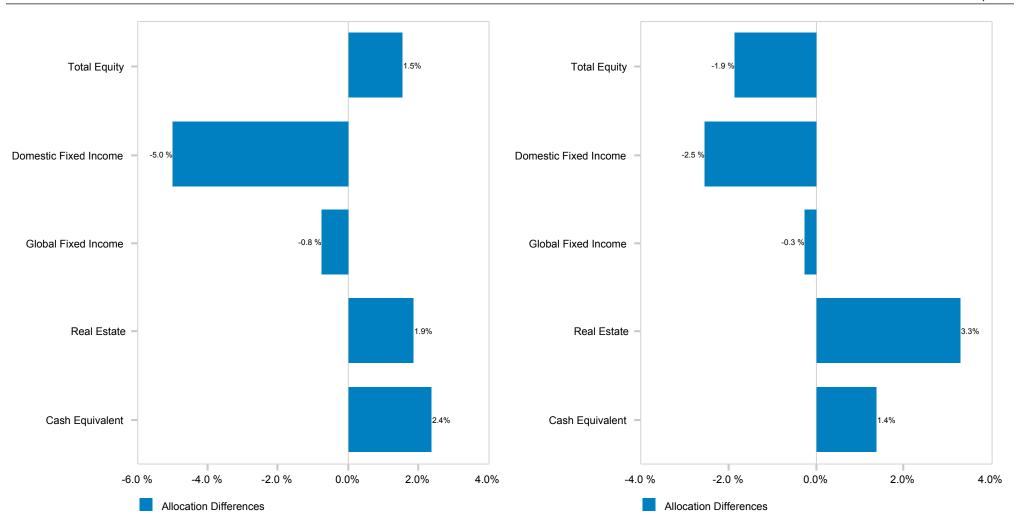
Page 10

Asset Allocation Summary Total Fund As of December 31, 2018

Asset Allocation By Manager as of September 30, 2018 : \$57,293,652 Asset Allocation By Manager as of December 31, 2018 : \$51,977,388

Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Highland Capital	48,066,676	83.9	Highland Capital	42,607,965	82.0
American Core Realty Fund	6,792,782	11.9	American Core Realty Fund	6,905,310	13.3
Templeton Global	2,434,194	4.2	Templeton Global	2,464,113	4.7

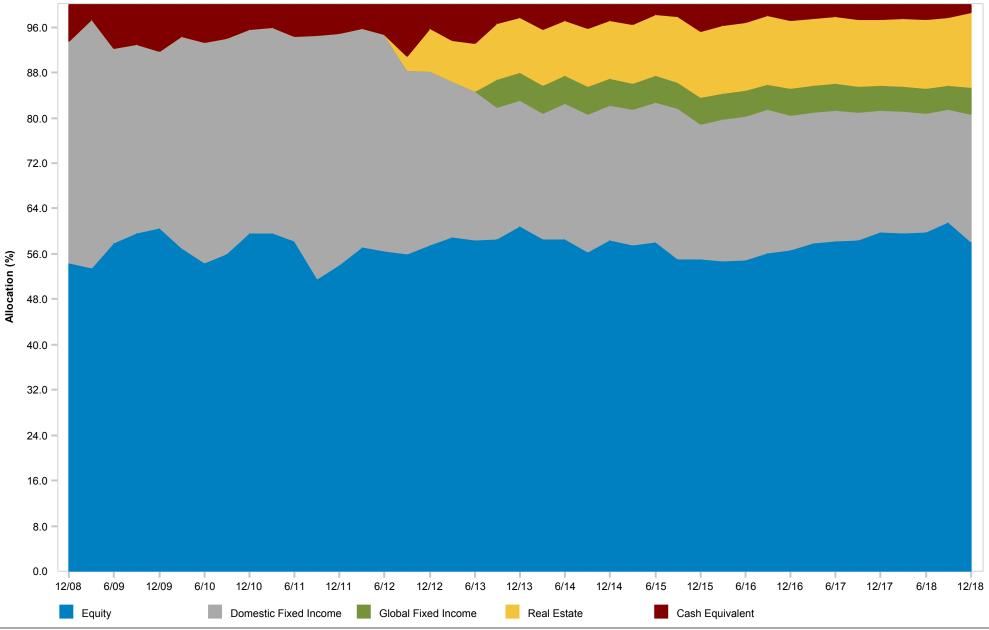




	As of Septe	mber 30, 2018		As of December 31, 2018			
	Market Value \$	Allocation (%)	Target (%)		Market Value \$	Allocation (%)	Target (%)
Total Equity	35,260,748	61.5	60.0	Total Equity	30,222,620	58.1	60.0
Domestic Fixed Income	11,458,629	20.0	25.0	Domestic Fixed Income	11,671,443	22.5	25.0
Global Fixed Income	2,422,587	4.2	5.0	Global Fixed Income	2,464,113	4.7	5.0
Real Estate	6,792,782	11.9	10.0	Real Estate	6,905,310	13.3	10.0
Cash Equivalent	1,358,906	2.4	0.0	Cash Equivalent	713,902	1.4	0.0
Total Fund	57,293,652	100.0	100.0	Total Fund	51,977,388	100.0	100.0



Historical Asset Allocation by Segment





Financial Reconciliation Qua	inancial Reconciliation Quarter to Date												
	Market Value 10/01/2018	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2018				
Highland Capital	48,066,676	-	477,493	-725,683	-	-31,829	326,538	-5,505,230	42,607,965				
Templeton Global	2,434,194	-	-	-	-	-	68,905	-38,986	2,464,113				
American Core Realty Fund	6,792,782	-	-	-	-19,042	-	82,850	48,720	6,905,310				
Mutual Fund Cash	-	-	-	-	-	-	-	-	-				
Total Fund	57,293,652	-	477,493	-725,683	-19,042	-31,829	478,293	-5,495,496	51,977,388				

Financial Reconciliation Fisc	Financial Reconciliation Fiscal Year to Date											
	Market Value 10/01/2018	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2018			
Highland Capital	48,066,676	-	477,493	-725,683	-	-31,829	326,538	-5,505,230	42,607,965			
Templeton Global	2,434,194	-	-	-	-	-	68,905	-38,986	2,464,113			
American Core Realty Fund	6,792,782	-	-	-	-19,042	-	82,850	48,720	6,905,310			
Mutual Fund Cash	-	-	-	-	-	-	-	-	-			
Total Fund	57,293,652	-	477,493	-725,683	-19,042	-31,829	478,293	-5,495,496	51,977,388			



Comparative Performance Trailing Returns													
	QT	R	FY1	D	1 Y	′R	3 Y	R	5 Y	R	Incep	tion	Inception Date
Total Fund (Net)	-8.82		-8.82		-4.01		5.54		4.93		6.39		01/01/1998
Total Fund Policy	-7.60		-7.60		-3.49		6.45		5.62		6.17		
Total Fund (Gross)	-8.79	(64)	-8.79	(64)	-3.65	(37)	6.01	(40)	5.42	(21)	6.79	(12)	01/01/1998
Total Fund Policy	-7.60	(34)	-7.60	(34)	-3.49	(34)	6.45	(25)	5.62	(15)	6.17	(46)	
All Public Plans-Total Fund Median	-8.32		-8.32		-4.35		5.77		4.78		6.13		
Highland Capital Equity (Gross)	-15.12	(57)	-15.12	(57)	-7.75	(70)	7.38	(65)	6.22	(69)	7.79	(67)	01/01/1998
Total Equity Policy	-13.56		-13.56	(28)	-7.37	(69)	8.02	(53)	6.24	(69)		(96)	
IM U.S. All Cap Core Equity (SA+CF) Median	-14.85		-14.85		-5.43		8.24		7.29		7.88		
Highland Capital Fixed (Gross)	1.43	(47)	1.43	(47)	-0.21	(84)	2.90	(20)	2.81	(55)	4.56	(99)	01/01/1998
Total Fixed Policy	1.64	(24)	1.64	(24)	0.01	(62)	2.06	(85)	2.52	(84)	4.80	(87)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.40		1.40		0.07		2.48		2.86		5.16		
Templeton Global	1.23	(11)	1.23	(11)	1.44	(7)	3.53	(23)	1.64	(40)	2.20	(25)	08/01/2013
FTSE World Government Bond Index	1.75	(10)	1.75	(10)	-0.84	(34)	2.69	(49)	0.77	(70)	0.79	(76)	
IM Global Fixed Income (MF) Median	0.33		0.33		-1.76		2.68		1.27		1.43		
American Core Realty Fund	1.94	(35)	1.94	(35)	8.72	(50)	7.96	(74)	10.14	(69)	10.51	(74)	07/01/2012
NCREIF Fund Index-Open End Diversified Core (EW)	1.62	(76)	1.62	(76)	8.25	(66)	8.44	(52)	10.52	(63)	10.96	(70)	
IM U.S. Open End Private Real Estate (SA+CF) Median	1.80		1.80		8.71		8.66		10.82		11.55		

	Oct-2 To		Oct-2 To		Oct-2 To		Oct-2 To		Oct-2 To		Oct-2 To		Oct-2 To		Oct-2	
	Sep-2	2017	Sep-2	2016	Sep-2	2015	Sep-2	2014	Sep-2	2013	Sep-2	2012	Sep-2	2011	Sep-2	2010
Total Fund (Net)	12.52		7.49		1.11		10.06		12.76		14.76		-1.76		8.90	
Total Fund Policy	11.87		11.23		0.03		11.18		10.98		18.44		2.01		9.17	
Total Fund (Gross)	13.13	(30)	7.99	(84)	1.48	(13)	10.65	(41)	13.18	(39)	15.22	(86)	-1.21	(81)	9.23	(71)
Total Fund Policy	11.87	(56)	11.23	(10)	0.03	(38)	11.18	(28)	10.98	(76)	18.44	(37)	2.01	(17)	9.17	(72)
All Public Plans-Total Fund Median	12.19		9.66		-0.45		10.24		12.51		17.94		0.29		9.90	
Highland Capital Equity (Gross)	20.57	(29)	9.30	(74)	-0.41	(51)	14.17	(72)	23.16	(62)	23.08	(80)	-6.76	(98)	10.14	(61)
Total Equity Policy	19.14	(49)	13.68	(37)	-3.37	(81)	15.61	(62)	20.14	(83)	27.76	(48)	-0.40	(64)	9.23	(75)
IM U.S. All Cap Core Equity (SA+CF) Median	18.82		11.94		-0.31		16.38		24.50		27.38		1.04		11.05	
Highland Capital Fixed (Gross)	0.85	(39)	7.00	(10)	2.18	(88)	3.95	(81)	-2.75	(100)	7.18	(39)	5.29	(47)	8.31	(80)
Total Fixed Policy	0.07	(87)	5.19	(80)	2.94	(60)	3.85	(88)	-1.86	(89)	5.28	(88)	5.23	(53)	8.00	(90)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	0.62		5.67		3.02		4.52		-1.22		6.62		5.26		9.26	
Templeton Global	13.17	(1)	0.68	(100)	-7.69	(93)	6.34	(11)	N/A		N/A		N/A		N/A	
FTSE World Government Bond Index	-2.69	(94)	9.71	(20)	-3.83	(50)	-0.07	(96)	-4.60	(82)	3.29	(96)	4.61	(8)	4.99	(88)
IM Global Fixed Income (MF) Median	1.02		7.42		-3.85		3.37		-1.81		7.17		1.74		7.68	
American Core Realty Fund	7.52	(67)	9.04	(97)	13.98	(69)	12.49	(64)	12.27	(70)	N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	7.81	(60)	10.62	(69)	14.71	(62)	12.39	(68)	12.47	(67)	11.77	(66)	18.03	(44)	6.14	(55)
IM U.S. Open End Private Real Estate (SA+CF) Median	8.29		11.32		15.45		12.78		13.18		12.90		16.96		6.43	





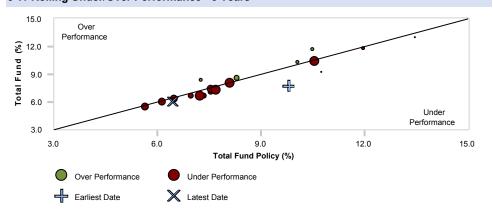
Standard

Deviation

6.63

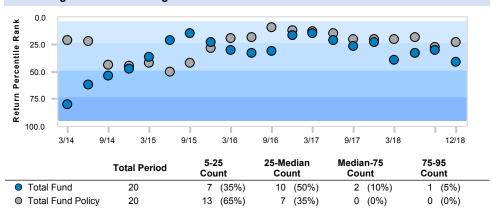
6.39

6.70

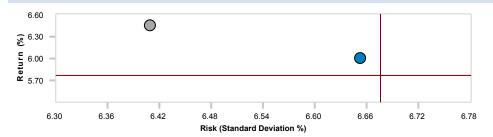


3 Yr Rolling Under/Over Performance - 5 Years

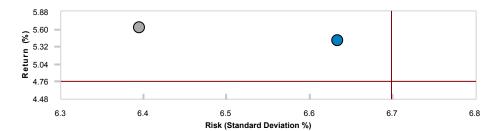
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Return

5.42

5.62

4.77

	Return	Standard Deviation	
Total Fund	6.01	6.65	Total Fund
Total Fund Policy	6.45	6.41	Total Fund Policy
Median	5.77	6.68	Median

Historical Statistics - 3 Years

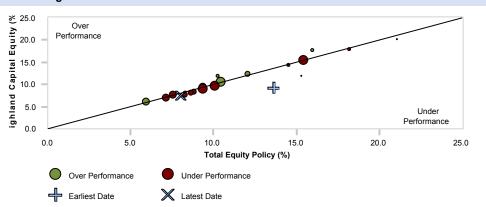
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.37	98.98	104.96	-0.51	-0.30	0.76	1.02	4.80
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.85	1.00	4.46
Historical Statistics	- 5 Years							
			-					

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.44	99.59	102.08	-0.25	-0.12	0.74	1.01	4.51
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.79	1.00	4.15



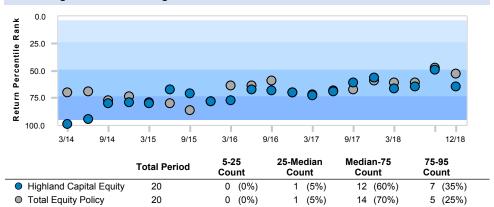




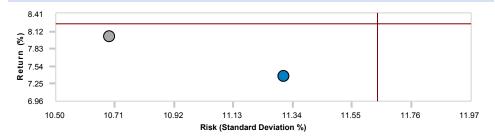


3 Yr Rolling Under/Over Performance - 5 Years

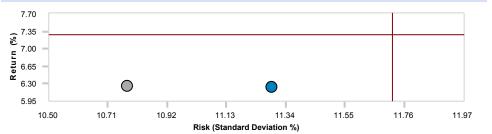
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years

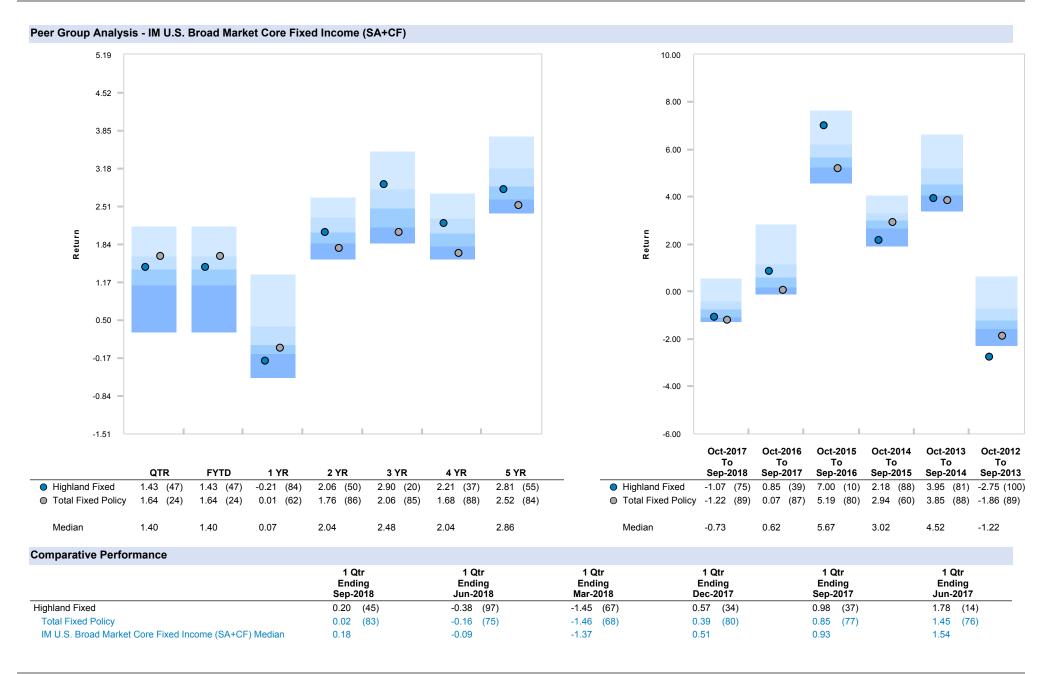


	Return	Standard Deviation		Return	Standard Deviation
Highland Capital Equity	7.38	11.31	Highland Capital Equity	6.22	11.29
Total Equity Policy	8.02	10.69	Total Equity Policy	6.24	10.78
Median	8.24	11.64	Median	7.29	11.72

Historical Statistics - 3 Years

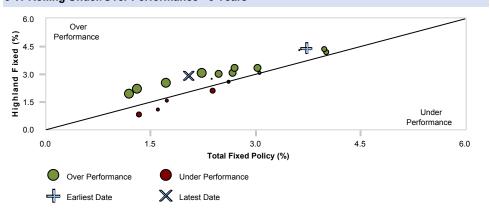
	rears							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highland Capital Equity	1.87	103.16	111.11	-0.90	-0.28	0.60	1.04	8.38
Total Equity Policy	0.00	100.00	100.00	0.00	N/A	0.68	1.00	7.77
Historical Statistics - 5	Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highland Capital Equity	2.06	103.07	104.50	-0.16	0.02	0.54	1.03	7.85
Total Equity Policy	0.00	100.00	100.00	0.00	N/A	0.56	1.00	7.36





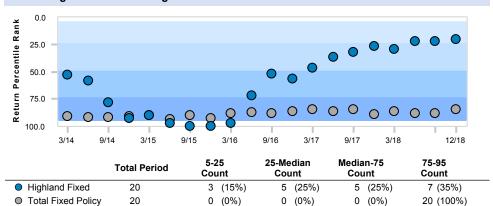


Performance Review Highland Capital Fixed Income As of December 31, 2018



3 Yr Rolling Under/Over Performance - 5 Years

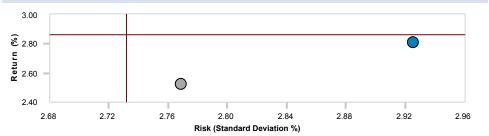
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years

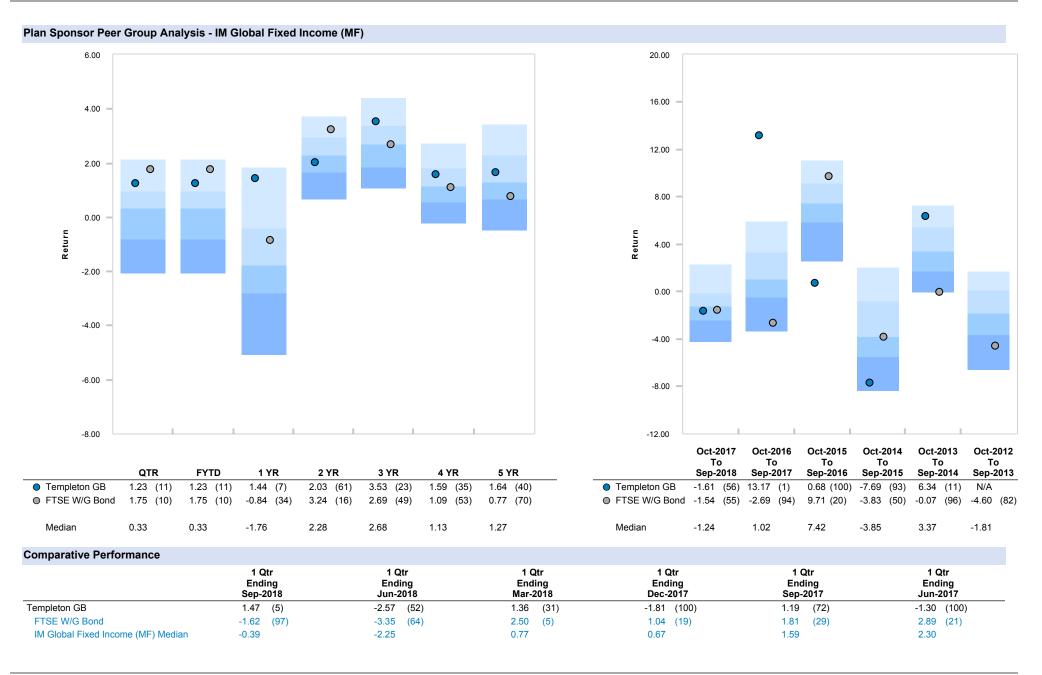


	Return	Standard Deviation		Return	Standard Deviation
Highland Fixed	2.90	2.92	Highland Fixed	2.81	2.93
Total Fixed Policy	2.06	2.84	Total Fixed Policy	2.52	2.77
Median	2.48	2.77	Median	2.86	2.73

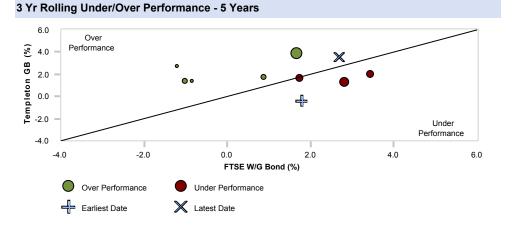
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highland Fixed	0.82	114.09	95.26	0.86	1.00	0.65	0.99	1.80
Total Fixed Policy	0.00	100.00	100.00	0.00	N/A	0.38	1.00	1.85
Historical Statistics	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highland Fixed	0.88	108.78	106.36	0.27	0.32	0.75	1.01	1.70
Total Fixed Policy	0.00	100.00	100.00	0.00	N/A	0.69	1.00	1.63

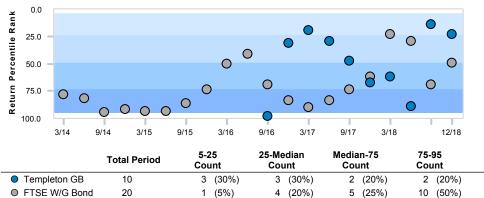




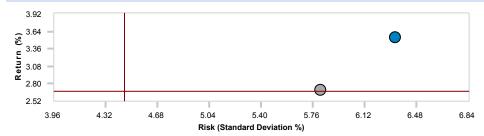




3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years

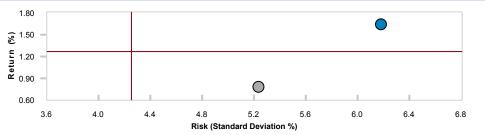


100.00

100.00

Peer Group Scattergram - 5 Years

N/A



0.06

1.00

	Return	Standard Deviation		Return	Standard Deviation
Templeton GB	3.53	6.34	Templeton GB	1.64	6.18
FTSE W/G Bond	2.69	5.82	FTSE W/G Bond	0.77	5.24
Median	2.68	4.45	Median	1.27	4.25

Historical Statistics - 3 Years

FTSE W/G Bond

0.00

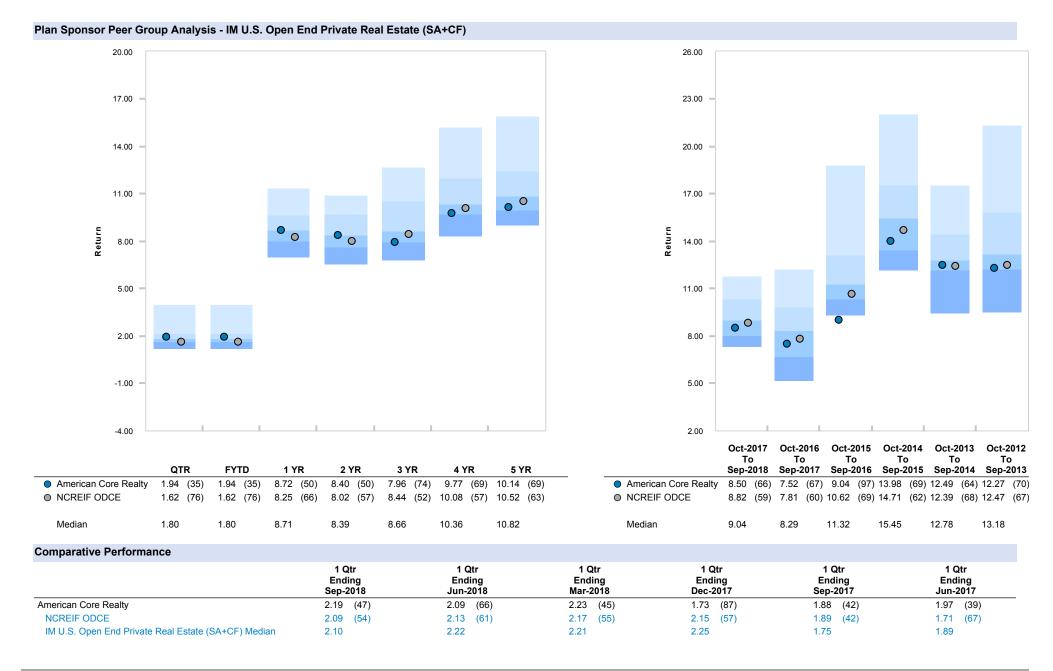
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Templeton GB	9.48	5.93	-47.26	4.43	0.09	0.42	-0.24	3.64
FTSE W/G Bond	0.00	100.00	100.00	0.00	N/A	0.32	1.00	3.94
Historical Statistics	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Templeton GB	8.75	-10.12	-39.11	2.01	0.10	0.20	-0.20	3.97

0.00



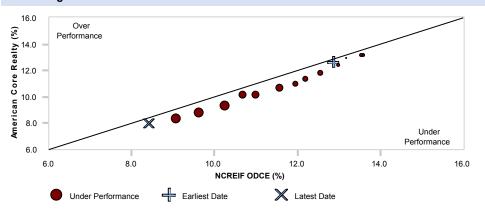
3.79

Performance Review American Core Realty As of December 31, 2018



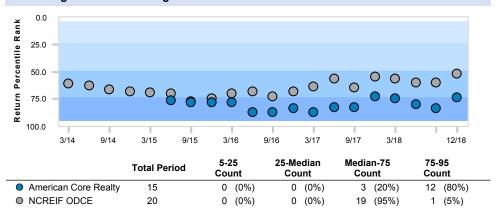


Page 25

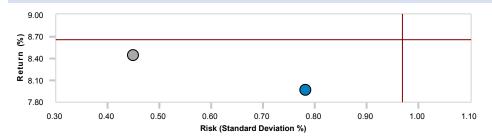


3 Yr Rolling Under/Over Performance - 5 Years

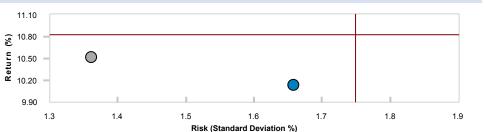
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



	Return	Standard Deviation		Return	Standard Deviation
American Core Realty	7.96	0.78	American Core Realty	10.14	1.66
NCREIF ODCE	8.44	0.45	NCREIF ODCE	10.52	1.36
Median	8.66	0.97	Median	10.82	1.75

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
American Core Realty	0.90	94.57	N/A	0.13	-0.49	2.09	0.93	0.00
NCREIF ODCE	0.00	100.00	N/A	0.00	N/A	2.14	1.00	0.00
Historical Statistics -	5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
American Core Realty	1.08	96.55	N/A	0.03	-0.32	2.12	0.96	0.00
NCREIF ODCE	0.00	100.00	N/A	0.00	N/A	2.18	1.00	0.00



City of Key West General Employees' Pension Fund Compliance Checklist As of December 31, 2018

Total Fund Compliance	YES NO
The total plan gross return equaled or exceeded the total plan benchmark over the trailing three year period.	Х
The total plan gross return equaled or exceeded the total plan benchmark over the trailing five year period.	x
The total plan gross return ranked within the top 40th percentile of its peer group over the trailing three year period.	x
The total plan gross return ranked within the top 40th percentile of its peer group over the trailing five year period.	x
The total plan gross return equaled or exceeded the 7.5% actuarial earnings assumption over the trailing three year period.	х
The total plan gross return equaled or exceeded the 7.5% actuarial earnings assumption over the trailing five year period.	x
Equity Compliance	YES NO
The total equity returns meet or exceed the benchmark over the trailing three year period.	x
The total equity returns meet or exceed the benchmark over the trailing five year period.	Х
The total equity returns ranked within the top 40th percentile of its peer group over the trailing three year period.	x
The total equity returns ranked within the top 40th percentile of its peer group over the trailing five year period.	x
The total equity allocation was less than 70% of the total plan assets at market.	x
The total foreign equity was less than 25% of the total plan assets at market.	x

Fixed Income Compliance	YES	NO
The total domestic fixed income returns meet or exceed the benchmark over the trailing three year period.	Х	
The total domestic fixed income returns meet or exceed the benchmark over the trailing five year period.	х	
The total domestic fixed income returns ranked within the top 40th percentile of its peer group over the trailing three year period.	х	
The total domestic fixed income returns ranked within the top 40th percentile of its peer group over the trailing five year period.		Х
The average weight of the fixed income portfolio was "AA" or better.	х	

Manager Compliance		Highland - Equity			Highland - Fixed			Templeton Global			American Realty		
		NO	N/A	YES	NO	N/A	YES	NO	N/A	YES	NO	N/A	
Manager outperformed the index over the trailing three and five year periods.		Х		х			х				Х		
Manager ranked within the top 40th percentile over trailing three and five year periods.		х			х		х				х		
Less than four consecutive quarters of under performance relative to the benchmark.				х			х			х			
Three and five year down-market capture ratio less than the index.		х			х		х					х	



Total Fund Policy		Total Equity Policy
Allocation Mandate	Weight (%)	Allocation Mandate
Dec-1975		Jan-1998
S&P 500 Index	50.00	S&P 500 Index
ICE BofAML Govt/ Corp Master	50.00	
		Oct-2004
Oct-2004		S&P 500 Index
S&P 500 Index	50.00	MSCI EAFE Index
ICE BofAML US Domestic Master	40.00	
MSCI EAFE Index	10.00	Jan-2014
		Russell 3000 Index
Jan-2014		MSCI AC World ex USA
Russell 3000 Index	45.00	
MSCI AC World ex USA	15.00	
Blmbg. Barc. U.S. Aggregate Index	25.00	
FTSE World Government Bond Index	5.00	
NCREIF Fund Index-Open End Diversified Core (EW)	10.00	

Total Equity Policy		
Allocation Mandate	Weight (%)	
Jan-1998		
S&P 500 Index	100.00	
Oct-2004		
S&P 500 Index	85.00	
MSCI EAFE Index	15.00	
Jan-2014		
Russell 3000 Index	75.00	
MSCI AC World ex USA	25.00	

Total Fixed Income Policy	
Allocation Mandate	Weight (%)
Jan-1998	
ICE BofAML Govt/ Corp Master	100.00
Oct-2004 ICE BofAML US Domestic Master	100.00
Jan-2014 Blmbg. Barc. U.S. Aggregate Index	100.00



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.



AndCo compiled this report for the sole use of the client for which it was prepared. AndCo is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. AndCo uses the results from this evaluation to make observations and recommendations to the client.

AndCo uses time-weighted calculations which are founded on standards recommended by the CFA Institute. The calculations and values shown are based on information that is received from custodians. AndCo analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides AndCo with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides AndCo with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause AndCo to believe that the information presented is significantly misstated.

This performance report is based on data obtained by the client's custodian(s), investment fund administrator, or other sources believed to be reliable. While these sources are believed to be reliable, the data providers are responsible for the accuracy and completeness of their statements. Clients are encouraged to compare the records of their custodian(s) to ensure this report fairly and accurately reflects their various asset positions.

The strategies listed may not be suitable for all investors. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. Past performance is not an indication of future performance. Any information contained in this report is for informational purposes only and should not be construed to be an offer to buy or sell any securities, investment consulting, or investment management services.

Additional information included in this document may contain data provided by from index databases, public economic sources and the managers themselves.

This document may contain data provided by Bloomberg Barclays. Bloomberg Barclays Index data provided by way of Barclays Live.

This document may contain data provided by Standard and Poor's. Nothing contained within any document, advertisement or presentation from S&P Indices constitutes an offer of services in jurisdictions where S&P Indices does not have the necessary licenses. All information provided by S&P Indices is impersonal and is not tailored to the needs of any person, entity or group of persons. Any returns or performance provided within any document is provided for illustrative purposes only and does not demonstrate actual performance. Past performance is not a guarantee of future investment results.

This document may contain data provided by MSCI, Inc. Copyright MSCI, 2017. Unpublished. All Rights Reserved. This information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used to create any financial instruments or products or any indices. This information is provided on an "as is" basis and the user of this information assumes the entire risk of any use it may make or permit to be made of this information. Neither MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information makes any express or implied warranties or representations with respect to such information or the results to be obtained by the use thereof, and MSCI, its affiliates and each such other person hereby expressly disclaim all warranties (including, without limitation, all warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information. Without limitation, lost profits) even if notified of, or if it might otherwise have anticipated, the possibility of such damages.

This document may contain data provided by Russell Investment Group. Russell Investment Group is the source owner of the data contained or reflected in this material and all trademarks and copyrights related thereto. The material may contain confidential information and unauthorized use, disclosure, copying, dissemination or redistribution is strictly prohibited. This is a user presentation of the data. Russell Investment Group is not responsible for the formatting or configuration of this material or for any inaccuracy in presentation thereof.

This document may contain data provided by Morningstar. All rights reserved. Use of this content requires expert knowledge. It is to be used by specialist institutions only. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied, adapted or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information, except where such damages or losses cannot be limited or excluded by law in your jurisdiction. Past financial performance is not guarantee of future results.





Putting clients first.

CHICAGO | CLEVELAND | DALLAS | DETROIT | ORLANDO | PITTSBURGH | RENO | TULSA

AndCo Consulting | (844) 44-ANDCO | AndCoConsulting.com