Investment Performance Review Period Ending December 31, 2020

# **City of Key West General Employees' Pension Fund**



As we start this new year, and on behalf of our entire AndCo family, Thank You for the opportunity to continue to serve you! I'm sure most of us are ready to turn the page on 2020 and all of the unique "firsts" we had to deal with – social distancing, masks, quarantining, and virtual meetings just to name a few. While 2020 definitely introduced new features into our daily routines, one constant remained the same at AndCo, our unwavering commitment to serve you within a model that is independent, singularly focused, customized, and passionately delivered. We take our role as your consultant and trusted advisor earnestly and will continue to work hard to maintain your trust and confidence in this unique and dynamic time. We are honored and privileged you have chosen AndCo as your consultant and we wanted to provide a brief update on the firm.

As we start 2021, we are 91 team members strong advising approximately \$100 billion in client assets – both around record highs. All departments within AndCo have grown over the years as we thoughtfully invest in our firm to provide the services you expect and we demand from our team.

Looking back at 2020, it represented another year of significant investment in the organization. We made personnel and technology investments within consulting, research, client solutions, compliance, finance, IT and marketing. We created an intranet for our team members to efficiently and effectively stay connected within the organization to collectively serve you, our valued clients, and our team members better. We continued enhancing our research team with two new hires in the department who have significant experience and tailored skillsets in certain asset classes. We added additional management within our client solutions department to provide more support and structure to the team. We also restructured our marketing department to enhance the quality of our deliverables and further promote the AndCo brand. While 2020 was a busy year for AndCo in terms of reinvesting and enhancing our structure, please know we are not done. We are strong believers that if you are not evolving, adapting and moving forward, you will get left behind. In the service business, that would mean our clients would not get the service they expect or deserve and that does not work for AndCo. As we budget for 2021 and continue to reinvest in our organization, you'll likely see additional hires made firmwide along with continued investments in technologies. All of these efforts are to better serve you!

Every January our firm hosts our firmwide retreat in Central Florida. It is a great time for everyone in the firm to spend time with one another. Along with this valuable time together we also review how the firm did strategically the previous year, renew our goals and initiatives for the upcoming year, and conduct activities and discussions to strengthen our culture. Due to the pandemic, we did not hold our firmwide retreat in person this year.

However, we did utilize our new intranet to provide a series of virtual firm updates where we covered many of the topics we normally present in person. While we cannot replace being physically together for several days, we were thrilled to have a virtual venue to provide this valuable information to our team and demonstrate new ways for us to stay connected during this unique time.

At the beginning of each year we also discuss the AndCo partnership, and when earned, announce new partners. This year I am happy to report two new team members made partner at AndCo - Jacob Peacock and Dan Osika. Jacob has been with the firm for almost 9 years and is currently a Consulting Director. Dan has been with AndCo for 6 years and has held multiple roles at the firm. Today Dan serves as a Marketing Consultant in our marketing department. We are extremely happy for both Jacob and Dan and are very lucky to have them as valuable team members. With the additions of Jacob and Dan, we now have 11 partners at AndCo with the majority of departments represented. We are looking to create a multigeneration employee-owned and employee-managed organization with our equity program. This will allow us to protect our mission, vision and values going forward as well as our commitment to serve you the best we possibly can.

In closing, our name, AndCo, reminds us who we work for every day - "Our Client" &Co. You, our clients, will always be our first priority. As we continue to discuss strategic decisions and reinvestments regarding our firm, please know that our decisions are filtered through the following question: "How does this benefit our clients?" If it doesn't benefit you, we don't do it, it's that simple. We said this last year and we'll say it again next year. If this commitment ever falters, you need to find a new consultant.

We know that each of our clients is facing many challenges and we will be there to help support you through all environments. We are honored and humbled that you have chosen AndCo as your partner. We do not take that relationship for granted and will continue to work tirelessly to exceed your expectations.

Thank you again for your valued partnership and the opportunity to serve you. Happy New Year!

Mike Welker, CFA

CEO



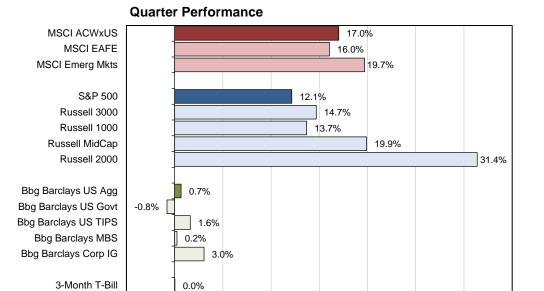
**Page Intentionally Left Blank** 



4th Quarter 2020 Market Environment



- Investment market index returns were broadly positive during the 4th quarter of 2020 except for the US Government bond benchmark. Performance during the period was largely driven by expectations related to the rollout of vaccines to treat the pandemic, the resolution of the US Presidential election, and the potential for additional government stimulus. Within domestic equity markets, there was a reversal in a recent trend with small cap stocks outperforming large cap issues. The Russell 2000 returned 31.4% compared to a 12.1% return for the S&P 500. This was the small cap benchmark's single strongest quarterly return since its inception in 1979. US equity markets ended 2020 with robust positive performance despite continued uncertainty associated with pandemic and slower than expected vaccine rollouts. For the full year, performance for domestic equities was strong across the capitalization spectrum with large cap stocks returning 18.4%, mid-caps 17.1%, and small caps 20.0%.
- Similar to domestic stocks, international equity returns were strong during the 4<sup>th</sup> quarter of 2020. International markets also benefited from the release of vaccines in addition to monetary policy relief from the European Central Bank. International returns were also amplified by a weakening US dollar which continued its decline against most major currencies. Emerging markets outperformed developed markets for the period with the MSCI Emerging Markets Index returning 19.7% compared to a return of 16.0% for the MSCI EAFE Index. Developed markets posted a modest return of 7.8% over the 1-year period while emerging markets returned a stronger 18.3%.
- Fixed income index performance was disparate during the 4<sup>th</sup> quarter. Corporate bonds performed well during the period as evidenced by the 3.0% return of the Bloomberg Barclays Corporate Investment Grade Index. In contrast, the Bloomberg Barclays US Government Bond Index returned -0.8% and was negatively affected by rising US interest rates. TIPS continued to outpace nominal bonds over concerns about rising US inflation and posted a return of 1.6% for the period. For the year, bonds posted solid returns across most sectors led by TIPS and Corporate bonds which returned 11.0% and 9.9%, respectively. For the year, the benchmark Bloomberg Barclays US Aggregate Bond Index returned a solid 7.5%.



10.0%

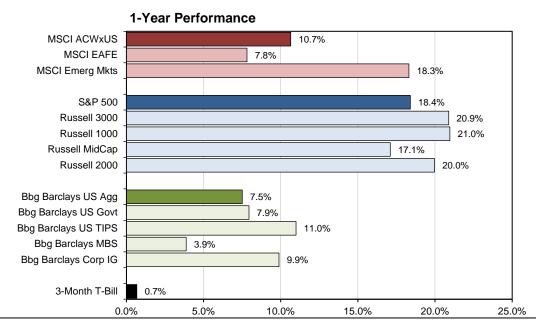
15.0%

20.0%

25.0%

30.0%

35.0%



5.0%

0.0%

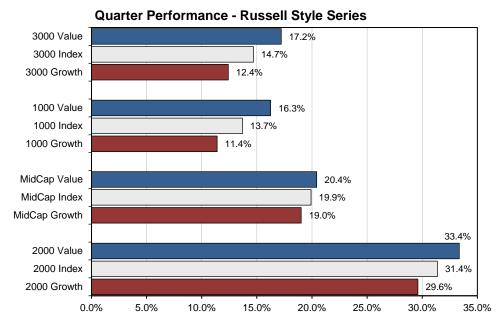
-5.0%

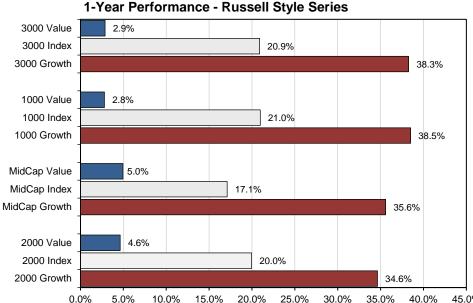
Source: Investment Metrics



Despite 2020 experiencing one of the most dramatic drawdowns in history, US equities managed to recover all of their losses and closed the year delivering three straight quarters of strong gains across the capitalization and style spectrum. During the 4<sup>th</sup> quarter, value stocks reversed the recent trend and outperformed growth stocks across the full capitalization spectrum. It is important to note, value indexes contain large exposures to sectors like energy and financials which performed well during the 4<sup>th</sup> quarter. For the period, the Russell 2000 Value Index was the best performing style index with a return of 33.4% (also a record for the index). This performance was followed by mid and large cap value index returns of 20.4% and 16.3%, respectively. While slightly lower relative to their value counterparts, growth style benchmarks were also strong for the quarter with the small cap growth index returning 29.6% while mid and large cap growth stocks posted returns of 19.0% and 11.4%, respectively.

Despite the 4<sup>th</sup> quarter's trend reversal, for the full year, growth-oriented stocks significantly outperformed value stocks across all market capitalizations with each growth benchmark posting returns in excess of 30.0%. The widest performance dispersion between growth and value for the year was in the large cap space with the Russell 1000 Growth Index returning 38.5%, which outpaced the large cap value benchmark by more than 35.0%. A combination of factors drove the performance of growth stocks during the year including investors seeking companies with the ability to growth revenues, structural shifts in the economy related to technologies, and momentum.

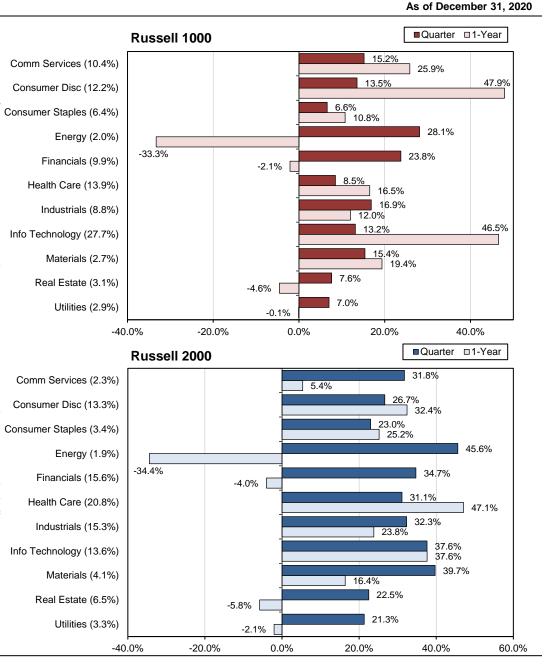


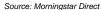


Source: Investment Metrics



- Sector performance was positive across all eleven large cap economic sectors for the 4<sup>th</sup> quarter. However, only five sectors outpaced the return of the broader Russell 1000 Index. The positive news surrounding the release of COVID-19 vaccines provided the catalyst for cyclical sectors to rebound as expectations for economic growth improved. The best performing sectors for the quarter were energy, financials, and industrials with returns of 28.1%, 23.8%, and 16.9%, respectively.
- Over the trailing 1-year period, seven of the eleven large cap sectors produced positive results. Performance was led by the consumer discretionary and technology sectors which delivered returns of 47.9% and 46.5%, respectively. In a sign of narrow leadership, only three of the eleven sectors exceeded the return of the broad benchmark over the full year. In contrast to the strong positive performance in some sectors, four sectors that disappointed for the year were energy (-33.3%), real estate (-4.6%), financials (-2.1%), and utilities (-0.1%). The significant drawdown in energy prices earlier in the year combined with declining commercial real estate prices put downward pressure on these sectors. Finally, the staggering dispersion between the best performing (consumer discretionary) and worst-performing (energy) sectors in the large cap benchmark was in excess of 81.0% for the year.
- Quarterly results for small cap sectors were higher than their respective large capitalization counterparts. All eleven sectors posted positive returns for the period with six of eleven outpacing the Russell 2000 Index return. Similar to large caps, economically sensitive sectors such as energy (45.6%), materials (39.7%), technology (37.6%), and financials (34.7%) drove results. Sector performance was largely attributable to rising commodity prices, a continued Consumer Staples (3.4%) decline in the US dollar, and expectations that global economic growth would accelerate following the rollout of vaccines.
- Over the trailing 1-year period, despite the strong broad market results, sector returns were more mixed. Negative sector performance was realized in energy (-34.4%), real estate (-5.8%), financials (-4.0%), and utilities (-2.1%). Much of the year's negative results were seen following the drawdown experienced during the 1<sup>st</sup> quarter in the initial reaction to the pandemic. In contrast, the healthcare sector delivered strong results (47.1%) for the period as investors looked for opportunities to invest in companies with the potential to develop therapeutics and treatments for COVID-19.





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.



Top 10 Weighted Stocks					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Apple Inc	6.03%	14.8%	82.3%	Information Technology	
Microsoft Corp	4.69%	6.0%	42.5%	Information Technology	
Amazon.com Inc	3.89%	3.4%	76.3%	Consumer Discretionary	
Facebook Inc A	1.85%	4.3%	33.1%	Communication Services	
Tesla Inc	1.50%	64.5%	743.4%	Consumer Discretionary	
Alphabet Inc A	1.48%	19.6%	30.9%	Communication Services	
Alphabet Inc Class C	1.43%	19.2%	31.0%	Communication Services	
Berkshire Hathaway Inc Class B	1.23%	8.9%	2.4%	Financials	
Johnson & Johnson	1.17%	6.5%	10.9%	Health Care	
JPMorgan Chase & Co	1.08%	33.2%	-5.5%	Financials	

Top 10 Weighted Stocks					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Penn National Gaming Inc	0.54%	18.8%	237.9%	Consumer Discretionary	
Caesars Entertainment Inc	0.54%	32.5%	24.5%	Consumer Discretionary	
Plug Power Inc	0.51%	152.9%	973.1%	Industrials	
Sunrun Inc	0.42%	-10.0%	402.4%	Industrials	
Mirati Therapeutics Inc	0.38%	32.3%	70.4%	Health Care	
Darling Ingredients Inc	0.37%	60.1%	105.4%	Consumer Staples	
Ultragenyx Pharmaceutical Inc	0.35%	68.4%	224.1%	Health Care	
Deckers Outdoor Corp	0.32%	30.3%	69.8%	Consumer Discretionary	
II-VI Inc	0.31%	87.3%	125.6%	Information Technology	
Arrowhead Pharmaceuticals Inc	0.31%	78.2%	21.0%	Health Care	

Тор	10 Performir	ng Stocks (by	/ Quarter)	
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Nordstrom Inc	0.01%	161.8%	-22.7%	Consumer Discretionary
Coty Inc Class A	0.01%	160.0%	-36.9%	Consumer Staples
Lemonade Inc Ordinary Shares	0.00%	146.4%	N/A	Financials
Capri Holdings Ltd	0.02%	133.3%	10.1%	Consumer Discretionary
Kohl's Corp	0.02%	119.6%	-16.8%	Consumer Discretionary
Enphase Energy Inc	0.05%	112.5%	571.5%	Information Technology
Spirit AeroSystems Hldgs Inc Class A	0.01%	106.8%	-46.3%	Industrials
Olin Corp	0.01%	100.3%	50.6%	Materials
Tapestry Inc	0.02%	98.8%	17.0%	Consumer Discretionary
Eaton Vance Corp	0.02%	90.9%	60.5%	Financials

Top 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
FuelCell Energy Inc	0.13%	422.0%	345.0%	Industrials	
Silvergate Capital Corp Class A	0.05%	416.0%	367.1%	Financials	
Magnite Inc	0.13%	342.2%	276.3%	Consumer Discretionary	
SM Energy Co	0.03%	287.3%	-44.9%	Energy	
Solid Biosciences Inc	0.01%	273.4%	70.3%	Health Care	
Five Prime Therapeutics Inc	0.02%	261.9%	270.6%	Health Care	
Arvinas Inc	0.12%	259.7%	106.7%	Health Care	
Beam Therapeutics Inc	0.13%	231.6%	N/A	Health Care	
Veru Inc	0.02%	230.2%	158.2%	Consumer Staples	
Clean Energy Fuels Corp	0.04%	216.9%	235.9%	Energy	

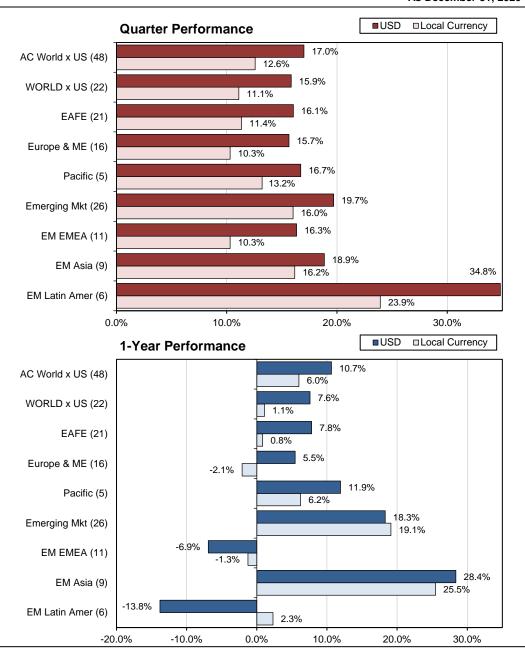
Botton	Bottom 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Zoom Video Communications Inc	0.16%	-28.2%	395.8%	Information Technology		
SolarWinds Corp Ordinary Shares	0.00%	-26.5%	-19.4%	Information Technology		
Beyond Meat Inc	0.02%	-24.7%	65.3%	Consumer Staples		
BigCommerce Hldgs Inc Ord. Series 1	0.00%	-23.0%	N/A	Information Technology		
Wayfair Inc Class A	0.04%	-22.4%	149.9%	Consumer Discretionary		
Global Blood Therapeutics Inc	0.01%	-21.5%	-45.5%	Health Care		
Vroom Inc Ordinary Shares	0.00%	-20.9%	N/A	Consumer Discretionary		
Jamf Holding Corp Ordinary Shares	0.00%	-20.4%	N/A	Information Technology		
bluebird bio Inc	0.01%	-19.8%	-50.7%	Health Care		
Quidel Corp	0.02%	-18.1%	139.4%	Health Care		

Bottom 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Aprea Therapeutics Inc	0.00%	-79.6%	-89.3%	Health Care	
Brainstorm Cell Therapeutics Inc	0.00%	-73.3%	5.7%	Health Care	
Catabasis Pharmaceuticals Inc	0.00%	-65.4%	-63.8%	Health Care	
Assembly Biosciences Inc	0.01%	-63.2%	-70.4%	Health Care	
Ovid Therapeutics Inc	0.00%	-59.8%	-44.3%	Health Care	
AMC Entertainment Hldgs Inc Class A	0.01%	-55.0%	-70.5%	Communication Services	
Aytu BioScience Inc	0.00%	-49.7%	-38.5%	Health Care	
Cyclerion Therapeutics Inc Ord. Shrs.	0.00%	-49.7%	12.5%	Health Care	
iBio Inc	0.01%	-48.3%	321.7%	Health Care	
Vaxcyte Inc Ordinary Shares	0.02%	-46.2%	N/A	Health Care	

Source: Morningstar Direct



- Broad international equity returns were positive in both local currency and USD terms for the 4<sup>th</sup> quarter. Much like US equity markets, the international markets were positively impacted by the announcement and release of COVID-19 vaccines and benefited from additional monetary stimulus. The US dollar continued its year-to-date decline against most major currencies through the period which acted as a tailwind for US investor returns.
- For the 4<sup>th</sup> quarter, developed market equities were positive in both USD and local currency terms with the MSCI EAFE Index returning 16.1% and 11.4%, respectively. Despite several European countries reporting rising infection rates, expectations for continued economic growth and continued coordinated central bank policies, drove markets higher. In particular, the European Union approved a 1.8 trillion-euro financial package while the European Central Bank increased its asset purchases from 500 billion euros to 1.85 trillion euros with the goal of providing support to the markets and stimulating growth.
- Relative to developed markets, emerging markets significantly outperformed during the quarter as investors anticipated future economic growth would benefit companies in these markets. The MSCI Emerging Market Index returned 19.7% in USD and 16.0% in local currency terms. The relative outperformance in emerging markets was largely driven by Latin American countries, specifically Colombia, which posted an outsized return of 48.7% during the quarter. The recovery in oil prices also contributed to the region's outperformance as several Latin American countries (Brazil, Mexico, and Columbia) are highly sensitive to commodity price fluctuations.
- The trailing 1-year returns for international developed market equities were broadly positive across regions and currencies. Returns were higher in US dollar terms as the currency weakened against most major developed market currencies on concerns surrounding monetary stimulus, growth in the US debt, and uncertainty regarding the contested US election. For the period, the MSCI EAFE Index returned 7.8% in US dollar terms and 0.8% in local currency terms.
- During the trailing 1-year period, emerging markets posted strong returns in both US dollar and local currency terms. The MSCI Emerging Markets Index rose 18.3% in US dollar and 19.1% in local currency terms. Within the index, Asian countries outperformed as evidenced by the EM Asia component, which rose 28.4% US dollar terms. These countries have excelled in containing the pandemic which has led to faster local recoveries.







MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.2%	16.4%	12.6%
Consumer Discretionary	12.5%	22.4%	15.8%
Consumer Staples	10.9%	6.9%	5.7%
Energy	3.1%	31.2%	-27.5%
Financials	16.3%	25.4%	-3.9%
Health Care	12.9%	4.0%	11.4%
Industrials	15.2%	15.8%	10.9%
Information Technology	8.9%	16.9%	28.4%
Materials	7.9%	20.1%	20.6%
Real Estate	3.1%	14.9%	-6.9%
Utilities	3.9%	13.6%	14.2%

100.0%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	7.1%	13.7%	18.9%
Consumer Discretionary	13.8%	15.9%	22.9%
Consumer Staples	8.9%	8.5%	6.7%
Energy	4.3%	22.5%	-23.5%
Financials	18.0%	24.7%	-4.5%
Health Care	9.6%	6.2%	15.4%
Industrials	11.6%	16.2%	10.8%
Information Technology	12.7%	24.7%	45.4%
Materials	8.1%	20.0%	21.2%
Real Estate	2.6%	12.6%	-9.8%
Utilities	3.3%	14.4%	9.4%
Total	100.0%	17.0%	10.7%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	11.6%	11.6%	27.5%
Consumer Discretionary	18.3%	7.6%	36.7%
Consumer Staples	5.9%	16.7%	10.7%
Energy	5.0%	14.9%	-15.4%
Financials	18.0%	24.4%	-8.2%
Health Care	4.7%	19.2%	52.8%
Industrials	4.3%	21.3%	5.0%
Information Technology	20.5%	34.2%	60.1%
Materials	7.6%	29.8%	24.8%
Real Estate	2.1%	6.1%	-16.9%
Utilities	2.0%	21.1%	-5.2%
Total	100.0%	19.7%	18.3%

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	25.3%	15.8%	15.3%	14.5%
United Kingdom	14.0%	8.8%	16.9%	-10.5%
France	11.1%	6.9%	20.4%	4.1%
Switzerland	9.7%	6.0%	8.2%	11.6%
Germany	9.4%	5.9%	11.5%	11.6%
Australia	7.1%	4.4%	22.9%	8.7%
Netherlands	3.9%	2.4%	18.4%	24.2%
Sweden	3.4%	2.1%	14.4%	23.9%
Hong Kong	3.3%	2.0%	15.5%	5.8%
Denmark	2.5%	1.6%	14.0%	43.7%
Spain	2.4%	1.5%	27.7%	-4.8%
Italy	2.4%	1.5%	22.4%	1.8%
Finland	1.1%	0.7%	10.1%	20.4%
Singapore	1.1%	0.7%	18.8%	-7.5%
Belgium	1.0%	0.6%	18.3%	-8.1%
Ireland	0.7%	0.6%	13.0%	15.1%
Israel	0.6%	0.4%	19.3%	15.0%
Norway	0.6%	0.4%	18.8%	-1.8%
New Zealand	0.3%	0.2%	13.2%	19.9%
Austria	0.2%	0.1%	47.3%	-3.3%
Portugal	0.2%	0.1%	21.6%	14.4%
Total EAFE Countries	100.0%	62.5%	16.1%	7.8%
Canada		6.3%	13.9%	5.3%
<b>Total Developed Countries</b>		68.8%	15.9%	7.6%
China		12.2%	11.2%	29.5%
Korea		4.2%	38.3%	44.6%
Taiwan		4.0%	23.2%	41.0%
India		2.9%	21.0%	15.6%
Brazil		1.6%	37.0%	-19.0%
South Africa		1.1%	22.1%	-4.0%
Russia		0.9%	21.6%	-12.5%
Saudi Arabia		0.8%	6.5%	0.7%
Thailand		0.6%	25.5%	-11.7%
Mexico		0.5%	31.0%	-1.9%
Malaysia		0.5%	10.1%	3.7%
Indonesia		0.4%	31.8%	-8.1%
Philippines		0.2%	22.2%	-3.4%
Qatar		0.2%	2.4%	-2.4%
Poland		0.2%	16.5%	-11.4%
Chile		0.2%	28.5%	-5.6%
United Arab Emirates		0.2%	10.6%	-0.9%
Turkey		0.1%	30.3%	-8.8%
Peru		0.1%	29.9%	-4.7%
Hungary		0.1%	39.2%	-11.7%
Colombia		0.1%	48.7%	-19.0%
Argentina		0.0%	21.2%	12.7%
Czech Republic		0.0%	34.1%	-4.0%
Greece		0.0%	16.4%	-26.9%
Egypt		0.0%	-5.0%	-22.5%
Pakistan Countries		0.0%	7.7%	-17.1%
Total Emerging Countries		31.0%	19.7%	18.3%

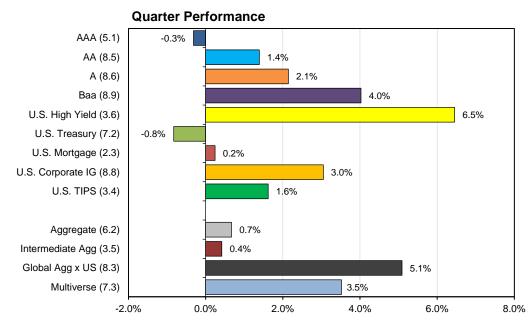
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

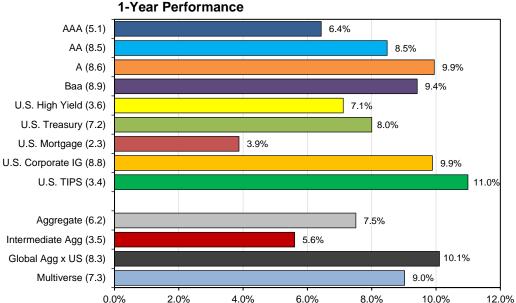
As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.



Total

- During the 4th quarter, lower-quality bonds significantly outpaced higherquality issues as investors continued to search for higher-vielding assets and became more comfortable accepting higher risk. For the quarter, the best performing category was high yield bonds which returned 6.5% and the laggard was US Treasury bonds which declined -0.8%. Returns of both US High Yield and Investment Grade Corporate bonds were driven by rising expectations of future US economic growth. Global bonds delivered a solid quarter returning 5.1% with results primarily attributable to a weakening US dollar. Finally, US TIPS increased 1.6% as inflation expectations rose during the period. During the quarter, the broad Blomberg Barclays US Aggregate Index returned a slim 0.7%. While the return of the index was positive for the period, the performance of both US Treasury and mortgage bonds were a drag on results. US interest rates also began to rise during the period which acted as a general headwind to bond performance. With the duration of the broad index now over six years, any meaningful rise in interest rates will likely have a negative impact on future performance.
- Similar to stocks, over the trailing 1-year period bond markets experienced strong results despite some indices suffering significant drawdowns during the 1<sup>st</sup> quarter. Generally, lower-quality bonds outperformed higher-quality issues for the period, US Corporate Investment Grade bonds still delivered an equity-like 9.9% return for the year and US Treasury bonds managed a solid return of 8.0%. While High Yield bonds also delivered positive results, the benchmark lagged higher-quality issues due to the 1<sup>st</sup> quarter's selloff. For the year, both Investment Grade and High Yield spreads relative to US Treasury bonds narrowed, which provided a boost to non-Treasury results. Finally, US TIPS were the best performing segment of the market rising 11.0% for the year on expectations of future inflation resulting from accelerating economic growth.
- For the year, global bonds also performed well. The Bloomberg Barclays Global Aggregate Bond Index returned 10.1%, outpacing the domestic Bloomberg Barclays US Aggregate Index's return of 7.5%. Some of the relative outperformance of global bonds can be attributed to the decline in the US dollar relative to other currencies. Additionally, US interest rates began to rise later in the year which negatively contributed to performance while global Treasury bond rates remained largely steady.

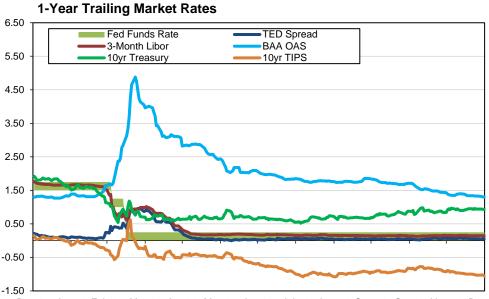




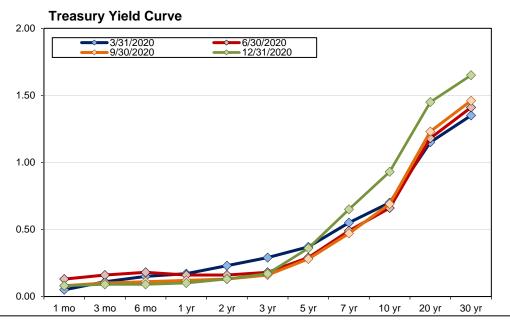
Source: Bloomberg



- Much of the index performance detailed in the bar graphs on the previous page is visible on a time series basis by reviewing the yield graph to the right. The "1-Year Trailing Market Rates" chart illustrates that over the last year, the US 10-year Treasury (green line) fell from yields of greater than 1.5% to a low of roughly 0.5%, before ending the year slightly higher than 0.9%. During the year, US interest rates declined significantly following the onset of the pandemic and the response from the US Federal Reserve Bank (Fed) to lower rates back near zero. During the 4<sup>th</sup> guarter, US interest rates began to rise in anticipation of higher US economic growth. 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 investment grade issues. The line illustrates the dramatic increase in credit spreads during the 1st quarter as global economic growth collapsed. Since that time, credit spreads have steadily declined as concerns over potential widespread defaults have subsided. The green band across the graph illustrates the Fed Fund Rate. At the beginning of 2020 the rate range was 1.50%-1.75% however, as a result of the pandemic, the Fed cut the range to 0.00%-0.25%, where it remained at the end of the 4th quarter. The Fed has indicated a willingness to keep US interest rates lower in an effort to supply the market with liquidity and help stimulate growth.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. While short-term US interest rates have remained largely unchanged throughout the year, longer-term interest rates began moving higher during the 4th quarter. The combination of additional fiscal stimulus, increased US Treasury issuance, and expectations for increasing inflation, all contributed to higher long-term rates. Importantly, the Fed has stated that it is comfortable allowing US inflation to exceed its 2% target in the near-term in an effort to achieve a long-term average of 2% inflation. This approach, combined with the need to dramatically increase debt issuance to supply fiscal stimulus, could result in higher US interest rates as markets normalize.

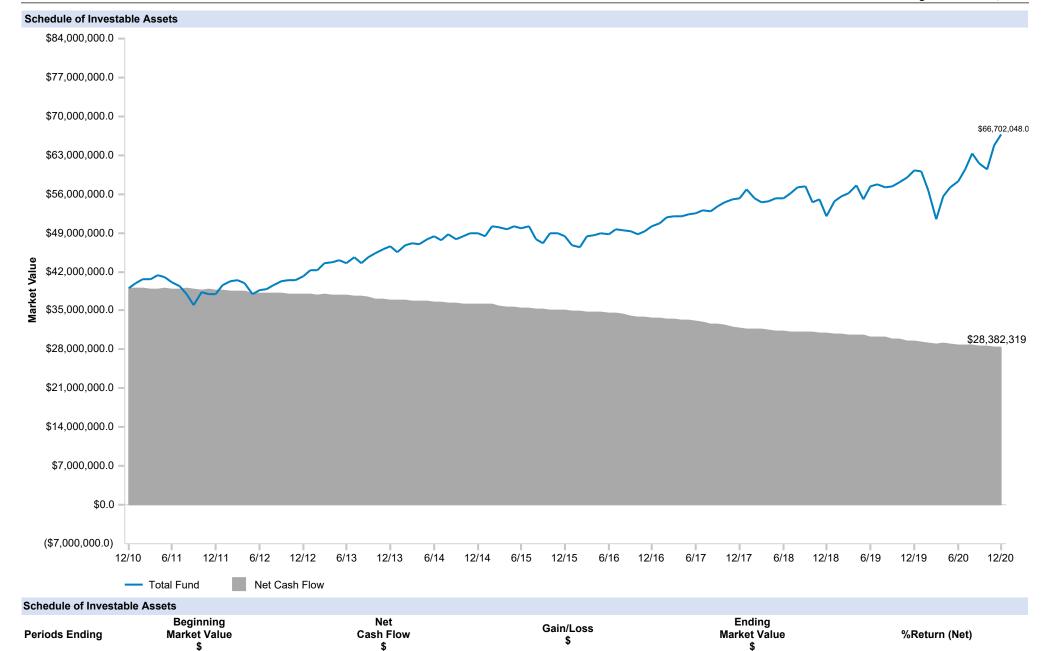


Dec-19 Jan-20 Feb-20 Mar-20 Apr-20 May-20 Jun-20 Jul-20 Aug-20 Sep-20 Oct-20 Nov-20 Dec-20



Source: US Department of Treasury, FRED (Federal Reserve of St. Louis)





38,319,729

66,702,048



8.10

10 YR

39,013,649

-10,631,330

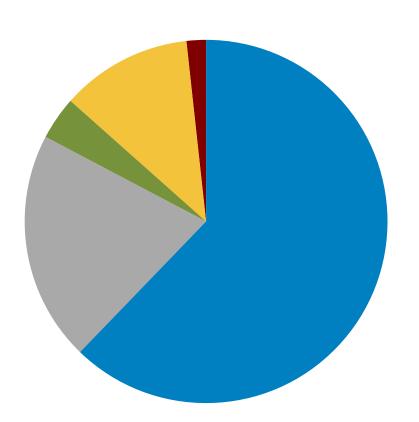
	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Min. Rebal.	Target Rebal.	Max. Rebal.
Equity	41,222,957	61.8	45.0	60.0	90.0	-11,207,036	-1,201,729	18,808,886
Domestic Fixed Income	14,100,063	21.1	20.0	25.0	30.0	-759,653	2,575,449	5,910,551
Global Fixed Income	2,434,142	3.6	0.0	5.0	10.0	-2,434,142	900,960	4,236,063
Real Estate	7,294,145	10.9	0.0	10.0	15.0	-7,294,145	-623,941	2,711,162
Cash & Cash Equivalents	1,650,740	2.5	0.0	0.0	0.0	-1,650,740	-1,650,740	-1,650,740
Total Fund	66,702,048	100.0	N/A	100.0	N/A	_	-	_

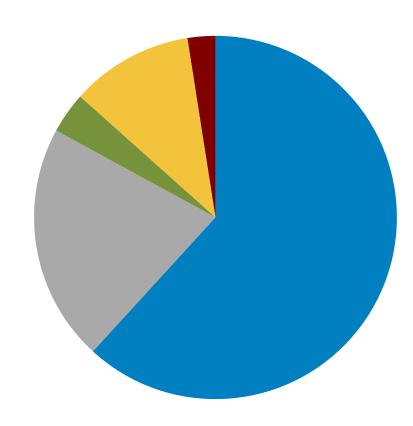
# **Executive Summary** Equity \$41,222,957 (62%) Domestic Fixed Income \$14,100,063 (21%) Global Fixed Income \$2,434,142 (4%) Real Estate \$7,294,145 (11%) Cash & Cash Equivalents \$1,650,740 (2%) 70% 0% 10% 20% 30% 40% 50% 60% 80% 90% 100% 110% Policy Target In Policy Outside Policy



Asset Allocation By Segment as of September 30, 2020 : \$61,575,354

Asset Allocation By Segment as of December 31, 2020 : \$66,702,048



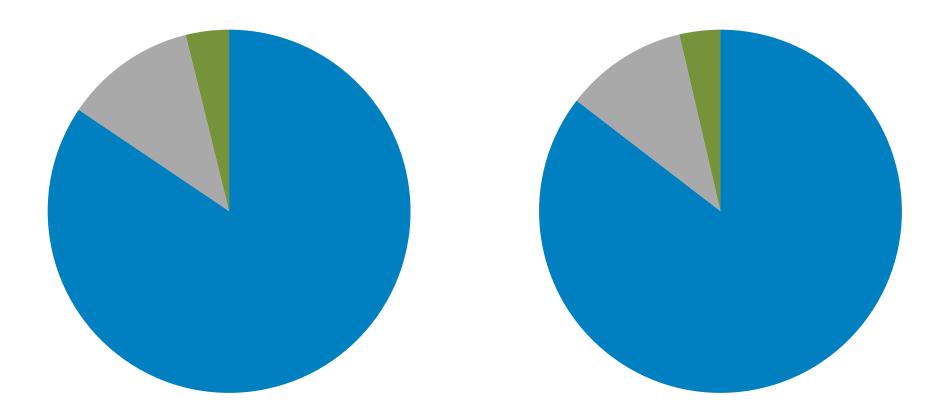


ocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
■ Equity	38,314,167	62.2	■ Equity	41,222,957	61.8
■ Domestic Fixed Income	12,611,311	20.5	Domestic Fixed Income	14,100,063	21.1
■ Global Fixed Income	2,371,822	3.9	Global Fixed Income	2,434,142	3.6
Real Estate	7,211,940	11.7	Real Estate	7,294,145	10.9
Cash Equivalent	1,066,113	1.7	Cash Equivalent	1,650,740	2.5



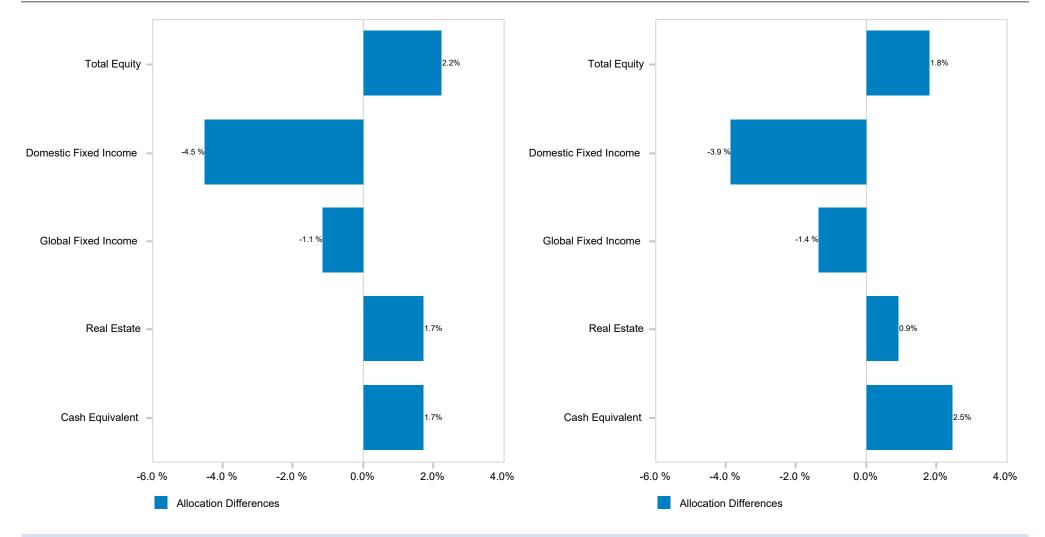
Asset Allocation By Manager as of September 30, 2020 : \$61,575,354

Asset Allocation By Manager as of December 31, 2020 : \$66,702,048



ocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Highland Capital	51,991,591	84.4	■ Highland Capital	56,973,760	85.4
American Core Realty Fund	7,211,940	11.7	American Core Realty Fund	7,294,145	10.9
■ Pimco Global Bond Opp (Hedged) (PGBIX)	2,371,823	3.9	■ Pimco Global Bond Opp (Hedged) (PGBIX)	2,434,142	3.6
Mutual Fund Cash	-	0.0	Mutual Fund Cash	-	0.0

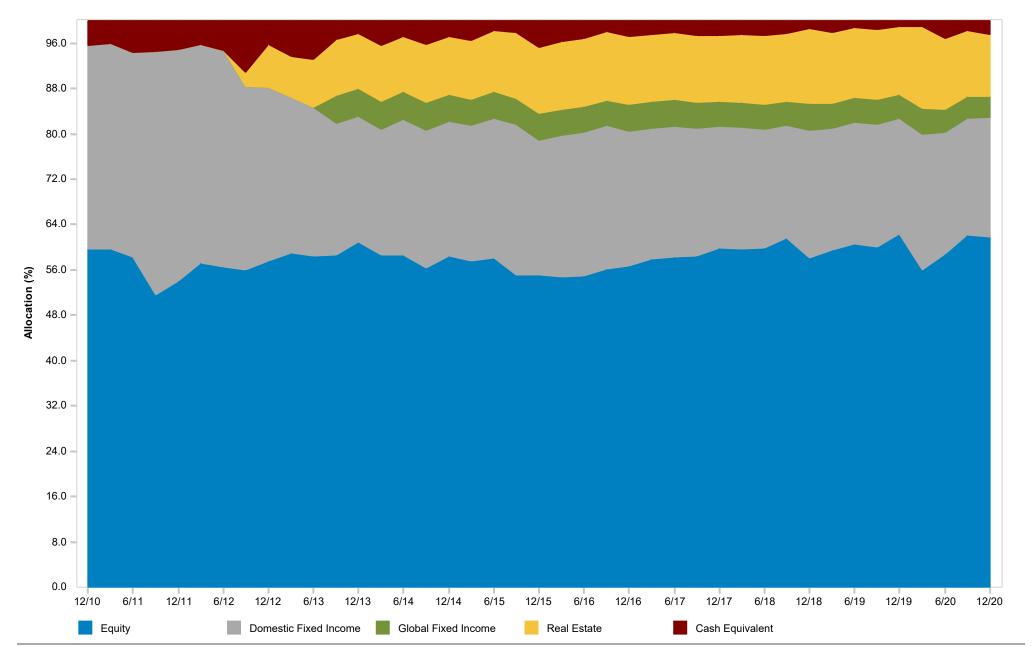




	As of Septe	mber 30, 2020			As of Dece	mber 31, 2020	
	Market Value \$	Allocation (%)	Target (%)		Market Value \$	Allocation (%)	Target (%)
Total Equity	38,314,167	62.2	60.0	Total Equity	41,222,957	61.8	60.0
Domestic Fixed Income	12,611,311	20.5	25.0	Domestic Fixed Income	14,100,063	21.1	25.0
Global Fixed Income	2,371,822	3.9	5.0	Global Fixed Income	2,434,142	3.6	5.0
Real Estate	7,211,940	11.7	10.0	Real Estate	7,294,145	10.9	10.0
Cash Equivalent	1,066,113	1.7	0.0	Cash Equivalent	1,650,740	2.5	0.0
Total Fund	61,575,354	100.0	100.0	Total Fund	66,702,048	100.0	100.0



# **Historical Asset Allocation by Segment**





Financial Reconciliation Quarter to Date									
	Market Value 10/01/2020	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2020
Highland Capital	51,991,591	-	507,294	-739,112	-51,952	-29,344	272,052	5,023,231	56,973,760
Templeton Global	-	-	-	-	-	-	-	-	-
Pimco Global Bond Opp (Hedged) (PGBIX)	2,371,823	-	-	-	-	-	18,301	44,019	2,434,142
American Core Realty Fund	7,211,940	-	-	-	-20,114	-	52,005	50,315	7,294,145
Mutual Fund Cash	-	-	-	-	-	-	-	-	-
Total Fund	61,575,354	-	507,294	-739,112	-72,066	-29,344	342,358	5,117,564	66,702,048

Financial Reconciliation Fiscal Year to Date	е								
	Market Value 10/01/2020	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2020
Highland Capital	51,991,591	-	507,294	-739,112	-51,952	-29,344	272,052	5,023,231	56,973,760
Templeton Global	-	-	-	-	-	-	-	-	-
Pimco Global Bond Opp (Hedged) (PGBIX)	2,371,823	-	-	-	-	-	18,301	44,019	2,434,142
American Core Realty Fund	7,211,940	-	-	-	-20,114	-	52,005	50,315	7,294,145
Mutual Fund Cash	-	-	-	-	-	-	-	-	-
Total Fund	61,575,354	-	507,294	-739,112	-72,066	-29,344	342,358	5,117,564	66,702,048



	QT	R	FY1	ΓD	1 Y	R	3 Y	R	5 Y	R	10 \	/R	Ince	otion	Inception Date
Total Fund (Net)	8.80		8.80		12.91		8.96		9.64		8.10		7.20		01/01/1998
Total Fund Policy	9.57		9.57		14.33		9.87		10.64		9.27		7.09		
Total Fund (Gross)	8.92	(78)	8.92	(78)	13.43	(38)	9.46	(28)	10.15	(35)	8.59	(40)	7.61	(15)	01/01/1998
Total Fund Policy	9.57	(63)	9.57	(63)	14.33	(28)	9.87	(21)	10.64	(22)	9.27	(16)	7.09	(42)	
All Public Plans-Total Fund Median	10.10		10.10		12.45		8.60		9.71		8.26		6.98		
Highland Capital Equity (Gross)	14.85	(35)	14.85	(35)	21.19	(44)	13.21	(57)	14.26	(49)	11.34	(85)	9.22	(N/A)	01/01/1998
Total Equity Policy	15.28	(32)	15.28	(32)	18.43	(54)	12.21	(61)	13.96	(57)	12.14	(75)	7.49	(N/A)	
IM U.S. All Cap Core Equity (SA+CF) Median	14.27		14.27		20.33		14.32		14.21		13.34		N/A		
Highland Capital Fixed (Gross)	0.68	(82)	0.68	(82)	6.96	(97)	5.00	(99)	4.80	(68)	4.12	(76)	4.83	(99)	01/01/1998
Total Fixed Policy	0.67	(83)	0.67	(83)	7.51	(89)	5.34	(92)	4.44	(92)	3.83	(96)	5.08	(90)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.13		1.13		8.60		5.88		5.04		4.41		5.44		
Pimco Global Bond Opp (Hedged) (PGBIX) (Net)	2.46	(71)	2.46	(71)	N/A		N/A		N/A		N/A		2.81	(66)	09/01/2020
Bloomberg Barclays Global Agg Index (Hedged)	0.89	(90)	0.89	(90)	5.58	(77)	5.15	(38)	4.49	(61)	4.18	(19)	1.26	(89)	
IM Global Fixed Income (MF) Median	3.63		3.63		8.15		4.81		4.80		3.24		3.30		
American Core Realty Fund (Gross)	1.42	(64)	1.42	(64)	1.58	(55)	5.49	(60)	6.33	(71)	N/A		8.92	(82)	07/01/2012
NCREIF Fund Index-Open End Diversified Core (EW)	1.36	(65)	1.36	(65)	1.57	(55)	5.26	(62)	6.56	(60)	9.99	(64)	9.23	(61)	
IM U.S. Open End Private Real Estate (SA+CF) Median	1.71		1.71		1.86		5.80		6.78		10.49		9.89		



	Oct-20 To Sep-2		Oct-2 To Sep-2	)	Oct-20 To Sep-2	-	Oct-2 To Sep-2	)	Oct-2 To Sep-2	)	Oct-2 To Sep-2		Oct-2 To Sep-2	)	Oct-2012 To Sep-2013	Oct-2 To Sep-2	0
Total Fund (Net)	9.83		2.83		9.71		12.52		7.49		1.11		10.06		12.76	14.76	
Total Fund Policy	10.16		5.20		8.58		11.87		11.23		0.03		11.18		10.98	18.44	
Total Fund (Gross)	10.34	(16)	3.31	(76)	10.22	(9)	13.13	(28)	7.99	(88)	1.48	(9)	10.65	(34)	13.18 (38)	15.22	(82)
Total Fund Policy	10.16	(17)	5.20	(24)	8.58	(31)	11.87	(51)	11.23	(11)		(30)	11.18	(21)	10.98 (73)	18.44	(33)
All Public Plans-Total Fund Median	7.63		4.27		7.58		11.98		9.75		-0.80		9.87		12.45	17.62	
Highland Capital Equity (Gross)	15.40	(34)	0.72	(68)	16.31	(56)	20.57	(28)	9.30	(74)	-0.41	(50)	14.17	(72)	23.16 (62)	23.08	(80)
Total Equity Policy	12.06	(48)	2.04	(60)	13.62	(78)	19.14		13.68	(38)	-3.37	(81)	15.61	(62)	20.14 (84)	27.76	(48)
IM U.S. All Cap Core Equity (SA+CF) Median	10.69		2.78		16.62		18.78		12.12		-0.47		16.38		24.42	27.17	
Highland Capital Fixed (Gross)	6.56	(87)	9.68	(90)	-1.07	(73)	0.85	(39)	7.00	(9)	2.18	(89)	3.95	(81)	-2.75 (100)	7.18	(39)
Total Fixed Policy	6.98	(77)	10.30	(69)	-1.22	(88)	0.07	(84)	5.19	(80)	2.94	(62)	3.85	(88)	-1.86 (89)	5.28	(86)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	7.52		10.43		-0.74		0.63		5.66		3.02		4.49		-1.25	6.61	
Pimco Global Bond Opp (Hedged) (PGBIX) (Net)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	N/A	
Bloomberg Barclays Global Agg Index (Hedged)	4.14	(65)	10.65	(13)	0.83	(12)	-0.17	(72)	6.54	(64)	3.14	(1)	5.50	(24)	0.54 (20)	5.69	(79)
IM Global Fixed Income (MF) Median	5.39		7.65		-1.29		1.02		7.42		-3.85		3.37		-1.81	7.17	
American Core Realty Fund (Gross)	1.62	(65)	6.81	(52)	8.50	(65)	7.52	(63)	9.04	(94)	13.98	(68)	12.49	(64)	12.27 (72)	N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	1.74	(60)	6.17	(72)	8.82	(59)	7.81	(56)	10.62	(68)	14.71	(61)	12.39	(67)	12.47 (69)	11.77	(64)
IM U.S. Open End Private Real Estate (SA+CF) Median	1.90		6.89		9.04		8.05		11.32		15.45		12.78		13.28	12.89	

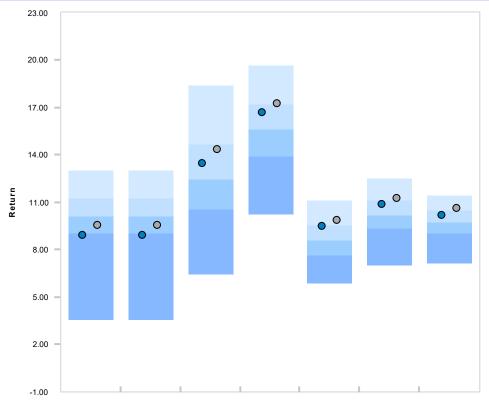


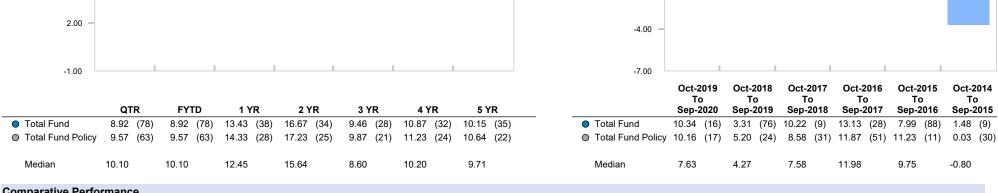
0

0

0

# Plan Sponsor Peer Group Analysis - All Public Plans-Total Fund





20.00

17.00

14.00

11.00

8.00

5.00

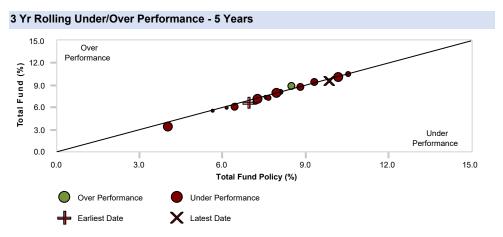
2.00

-1.00

Comparative Feriormance						
	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr
	Ending	Ending	Ending	Ending	Ending	Ending
	Sep-2020	Jun-2020	Mar-2020	Dec-2019	Sep-2019	Jun-2019
Total Fund	6.23 (11)	13.69 (28)	-13.77 (59)	5.95 (20)	1.05 (32)	3.34 (39)
Total Fund Policy All Public Plans-Total Fund Median	5.49 (39)	12.84 (40)	-12.34 (35)	5.57 (36)	1.05 (32)	3.53 (22)
	5.21	12.24	-13.21	5.23	0.84	3.24



0



#### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 9/16 3/17 9/17 3/18 9/18 3/19 9/19 3/20 12/20 3/16

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
<ul><li>Total Fund</li></ul>	20	6 (30%)	14 (70%)	0 (0%)	0 (0%)
<ul><li>Total Fund Policy</li></ul>	20	17 (85%)	3 (15%)	0 (0%)	0 (0%)

#### Peer Group Scattergram - 3 Years 10.08 9.66 Return (%) 8.82 8.40 7.98 11.34 11.52 11.70 11.88 12.06 12.24 12.42 Risk (Standard Deviation %)

	10.85	6				
(%)	10.54 -	Γ				
	10.23 -					
Return	9.92 —					
Œ	9.61					
	9.2	2	9.4	9.6	9.8	10.0
			Ri	sk (Standard Deviation %)		

	Return	Standard Deviation
<ul><li>Total Fund</li></ul>	9.46	12.12
<ul><li>Total Fund Policy</li></ul>	9.87	11.34
Median	8.59	11.31

	Return	Standard Deviation
<ul><li>Total Fund</li></ul>	10.15	9.85
<ul><li>Total Fund Policy</li></ul>	10.64	9.32
Median	9.71	9.31

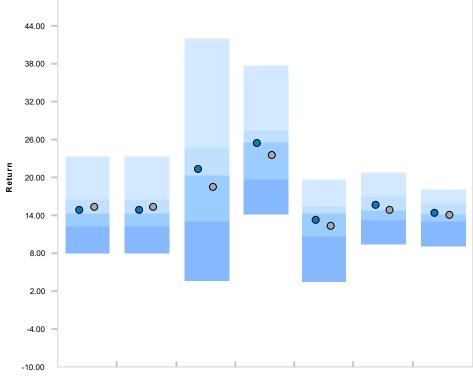
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
otal Fund	1.48	105.60	113.47	-0.90	-0.19	0.67	1.06	7.93
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.74	1.00	7.16

Peer Group Scattergram - 5 Years

instorical Statistics	- 5 lears							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.42	102.01	110.20	-0.88	-0.27	0.91	1.05	6.32
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	1.00	1.00	5.76



# Peer Group Analysis - IM U.S. All Cap Core Equity (SA+CF) 50.00 44.00 38.00 32.00 26.00



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
<ul><li>Highlandl Equity</li></ul>	14.85 (35)	14.85 (35)	21.19 (44)	25.41 (52)	13.21 (57)	15.61 (41)	14.26 (49)
<ul><li>Total Equity Policy</li></ul>	15.28 (32)	15.28 (32)	18.43 (54)	23.49 (64)	12.21 (61)	14.76 (53)	13.96 (57)
Median	14.27	14.27	20.33	25.48	14.32	14.86	14.21

	32.00												
	26.00 —												
	20.00 —							•	)				
	14.00 —	•	)				)			C	)		
Return	8.00 —									•			
Ω.	2.00 —			•	)							•	
	-4.00 —												
	-10.00 —												
	-16.00 —												
	-22.00		_		_		_		_		_		
		Oct-2	0	Oct-2 To Sep-2	)								
		Sep-	2020	Sep-	-010	OUP .		<u> </u>		Ocp-2		<u> </u>	
<ul><li>Highlan</li><li>Total Ed</li></ul>		15.40	(34)	0.72	(68)	16.31	(56)	20.57 19.14	(28)	9.30	(74)	-0.41	(50)

16.62

18.78

Comparative Performance						
	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr	1 Qtr
	Ending	Ending	Ending	Ending	Ending	Ending
	Sep-2020	Jun-2020	Mar-2020	Dec-2019	Sep-2019	Jun-2019
Highlandl Equity	10.17 (12)	23.16 (33)	-22.24 (61)	9.37 (18)	0.91 (66)	4.05 (56)
Total Equity Policy IM U.S. All Cap Core Equity (SA+CF) Median	8.50 (40)	20.61 (60)	-21.49 (52)	9.08 (24)	0.45 (74)	3.88 (66)
	7.80	21.20	-21.26	7.71	1.50	4.10

Median

10.69

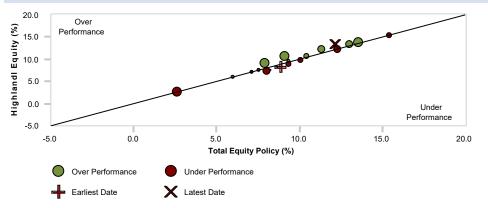
2.78



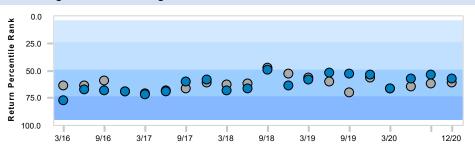
-0.47

12.12

# 3 Yr Rolling Under/Over Performance - 5 Years

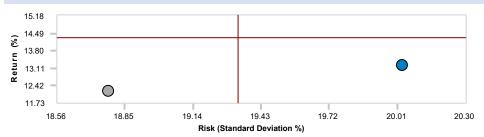


# 3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>Highlandl Equity</li></ul>	20	0 (0%)	1 (5%)	18 (90%)	1 (5%)	
<ul> <li>Total Equity Policy</li> </ul>	20	0 (0%)	1 (5%)	19 (95%)	0 (0%)	

# Peer Group Scattergram - 3 Years



	Return	Standard Deviation
<ul><li>Highlandl Equity</li></ul>	13.21	20.03
<ul> <li>Total Equity Policy</li> </ul>	12.21	18.78
Median	14.32	19.33

# Peer Group Scattergram - 5 Years



	Return	Deviation
<ul><li>Highlandl Equity</li></ul>	14.26	16.36
<ul> <li>Total Equity Policy</li> </ul>	13.96	15.40
Median	14.21	15.85

# **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highlandl Equity	2.07	107.91	107.46	0.30	0.55	0.64	1.06	13.09
Total Equity Policy	0.00	100.00	100.00	0.00	N/A	0.62	1.00	12.40

# **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highlandl Equity	1.99	105.65	108.65	-0.39	0.21	0.83	1.06	10.54
Total Equity Policy	0.00	100.00	100.00	0.00	N/A	0.85	1.00	10.00

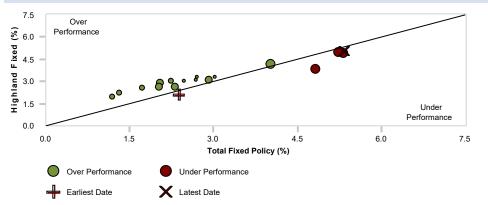


#### Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 14.00 17.00 12.00 14.00 10.00 11.00 0 0 00 8.00 8.00 00 Return 6.00 0 0 00 5.00 4.00 0 2.00 2.00 0 0 0 0 -1.00 0.00 -2.00 -4.00 Oct-2019 Oct-2018 Oct-2017 Oct-2016 Oct-2015 Oct-2014 To To To Τo To To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2020 Sep-2019 Sep-2018 Sep-2017 Sep-2016 Sep-2015 6.96 (97) Highland Fixed 0.68 (82) 0.68 (82) 7.71 (97) 5.00 (99) 4.85 (94) 4.80 (68) Highland Fixed 6.56 (87) 9.68 (90) -1.07 (73) 0.85 (39) 7.00 2.18 (89) Total Fixed Policy 0.67 (83) 0.67 (83) 7.51 (89) 8.11 (91) 5.34 (92) 4.89 (93) 4.44 (92) Total Fixed Policy 6.98 (77) 10.30 (69) -1.22 (88) 0.07 (84) 5.19 (80) 2.94 (62) Median 1.13 1.13 8.60 8.95 5.88 5.48 5.04 Median 7.52 10.43 -0.740.63 5.66 3.02 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending Ending **Ending Ending Ending** Sep-2020 Jun-2020 Mar-2020 Dec-2019 Sep-2019 Jun-2019 Highland Fixed 1.26 (33) 4.86 (33) 0.06 (84) 0.30 (33) 2.11 (89) 3.10 (62) **Total Fixed Policy** 0.62 (85)2.90 (89)3.15 (24) 0.18 (57) 2.27 (69) 3.08 (70) IM U.S. Broad Market Core Fixed Income (SA+CF) Median 4.36 2.32 3.12 1.10 1.95 0.22

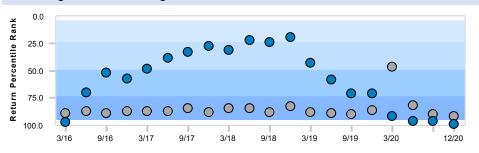


Standard

# 3 Yr Rolling Under/Over Performance - 5 Years

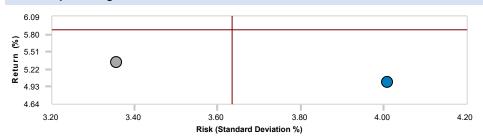


# 3 Yr Rolling Percentile Ranking - 5 Years



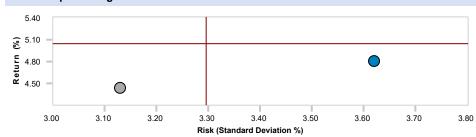
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>Highland Fixed</li></ul>	20	3 (15%)	6 (30%)	6 (30%)	5 (25%)	
<ul> <li>Total Fixed Policy</li> </ul>	20	0 (0%)	1 (5%)	0 (0%)	19 (95%)	

# Peer Group Scattergram - 3 Years



	Return	Standard Deviation
<ul><li>Highland Fixed</li></ul>	5.00	4.01
<ul> <li>Total Fixed Policy</li> </ul>	5.34	3.36
Median	5.88	3.63

# Peer Group Scattergram - 5 Years



Return	Standard Deviation
4.80	3.62
4.44	3.13
5.04	3.30
	4.80 4.44

# **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	•		Downside Risk	
Highland Fixed	1.95	104.00	125.83	-0.54	-0.15	0.83	1.05	2.32	
<b>Total Fixed Policy</b>	0.00	100.00	100.00	0.00	N/A	1.10	1.00	1.33	

# **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
Highland Fixed	1.63	110.57	115.23	0.22	0.22	0.98	1.03	2.12	
<b>Total Fixed Policy</b>	0.00	100.00	100.00	0.00	N/A	1.04	1.00	1.53	



#### Plan Sponsor Peer Group Analysis - IM Global Fixed Income (MF) 16.00 16.00 14.00 12.00 0 12.00 8.00 0 10.00 0 4.00 8.00 0 Return 0 0 6.00 0.00 0 0 0 0 0 4.00 -4.00 2.00 0 0 -8.00 0.00 -2.00 -12.00 Oct-2019 Oct-2014 Oct-2018 Oct-2017 Oct-2016 Oct-2015 То Τo To Τo To To QTR **FYTD** 2 YR 4 YR 1 YR 3 YR 5 YR Sep-2020 Sep-2019 Sep-2018 Sep-2017 Sep-2016 Sep-2015 Pimco GB Opp Pimco GB Opp 2.46 (71) 2.46 (71) N/A N/A

Comparative Performance											
	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020	1 Qtr Ending Dec-2019	1 Qtr Ending Sep-2019	1 Qtr Ending Jun-2019					
Pimco GB Opp	N/A	N/A	N/A	N/A	N/A	N/A					
Bloomberg Barclays Global Agg Index (Hedged)	0.73 (97)	2.42 (93)	1.45 (4)	-0.49 (90)	2.59 (9)	2.92 (76)					
IM Global Fixed Income (MF) Median	2.41	5.53	-3.19	0.73	1.04	3.37					

4.49 (61)

4.80

BBg Global Agg

Median

4.14 (65)

5.39

10.65 (13)

7.65

0.83 (12)

-1.29

-0.17 (72)

1.02



3.14 (1)

-3.85

6.54 (64)

7.42

BBg Global Agg

Median

0.89 (90)

3.63

0.89 (90)

3.63

5.58 (77)

8.15

6.89 (78)

8.38

5.15 (38)

4.81

4.62 (68)

5.17

#### Plan Sponsor Peer Group Analysis - IM U.S. Open End Private Real Estate (SA+CF) 14.00 28.00 24.00 11.00 20.00 8.00 16.00 00 0 0 0 0 0 5.00 12.00 Return Return 0 0 0 00 00 8.00 2.00 00 0 0 0 0 0 0 4.00 -1.00 00 0.00 -4.00 -4.00 -7.00 -8.00 Oct-2019 Oct-2018 Oct-2017 Oct-2016 Oct-2015 Oct-2014 Τo To To To To To QTR FYTD 2 YR 1 YR 3 YR 4 YR 5 YR Sep-2020 Sep-2019 Sep-2018 Sep-2017 Sep-2016 Sep-2015 1.42 (64) 6.33 (71) American Realty 1.42 (64) 1.58 (55) 3.92 (71) 5.49 (60) 6.13 (60) American Realty 1.62 (65) 6.81 (52) 8.50 (65) 7.52 (63) 9.04 (94) NCREIF ODCE 1.57 (55) 6.56 (60) NCREIF ODCE 1.36 (65) 1.36 (65) 3.80 (73) 5.26 (62) 5.89 (62) 1.74 (60) 6.17 (72) 8.82 (59) 7.81 (56) 10.62 (68) 14.71 (61)

Comparative Performance										
	1 Qtr Ending Sep-2020	1 Qtr Ending Jun-2020	1 Qtr Ending Mar-2020	1 Qtr Ending Dec-2019	1 Qtr Ending Sep-2019	1 Qtr Ending Jun-2019				
American Realty	-0.14 (87)	-1.23 (55)	1.54 (31)	1.46 (66)	1.44 (71)	1.53 (30)				
NCREIF ODCE	0.57 (48)	-1.27 (59)	0.92 (67)	1.53 (58)	1.39 (75)	1.34 (61)				
IM U.S. Open End Private Real Estate (SA+CF) Median	0.49	-1.22	1.31	1.61	1.75	1.44				

Median

1.90

6.89

9.04

8.05

11.32

6.78



15.45

Median

1.71

1.71

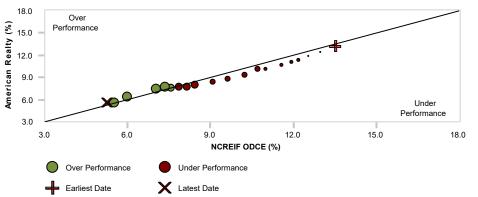
1.86

4.39

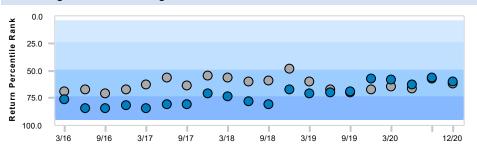
5.80

6.27

# 3 Yr Rolling Under/Over Performance - 5 Years 18.0

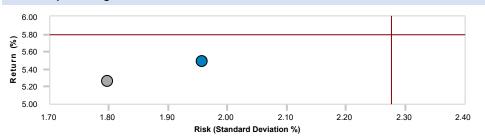


# 3 Yr Rolling Percentile Ranking - 5 Years



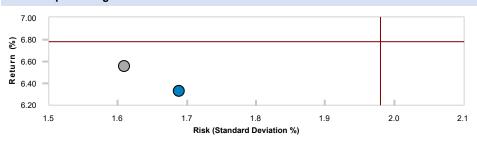
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>American Realty</li></ul>	20	0 (0%)	0 (0%)	11 (55%)	9 (45%)	
<ul><li>NCREIF ODCE</li></ul>	20	0 (0%)	1 (5%)	19 (95%)	0 (0%)	

# Peer Group Scattergram - 3 Years



	Return	Standard Deviation
American Realty	5.49	1.96
<ul><li>NCREIF ODCE</li></ul>	5.26	1.80
Median	5.80	2.28

# Peer Group Scattergram - 5 Years



	Return	Standard Deviation
<ul> <li>American Realty</li> </ul>	6.33	1.69
<ul> <li>NCREIF ODCE</li> </ul>	6.56	1.61
Median	6.78	1.98

# **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
American Realty	0.59	103.77	96.65	0.01	0.38	1.33	1.04	0.72
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	1.32	1.00	0.74

# **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
American Realty	0.83	96.58	96.65	0.08	-0.26	1.67	0.95	0.55	
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	1.71	1.00	0.57	



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.		Х
The total plan gross return ranked within the top 40th percentile of its peer group over the trailing three year period.	х	
The total plan gross return ranked within the top 40th percentile of its peer group over the trailing five year period.	х	
The total plan gross return equaled or exceeded the 7.4% actuarial earnings assumption over the trailing three year period.	х	
The total plan gross return equaled or exceeded the 7.4% 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.	х	
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.	х	
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.	x	
The total domestic fixed income returns ranked within the top 40th percentile of its peer group over the trailing three year period.		X
The total domestic fixed income returns ranked within the top 40th percentile of its peer group over the trailing five year period.		X
The average weight of the fixed income portfolio was "AA" or better.	х	

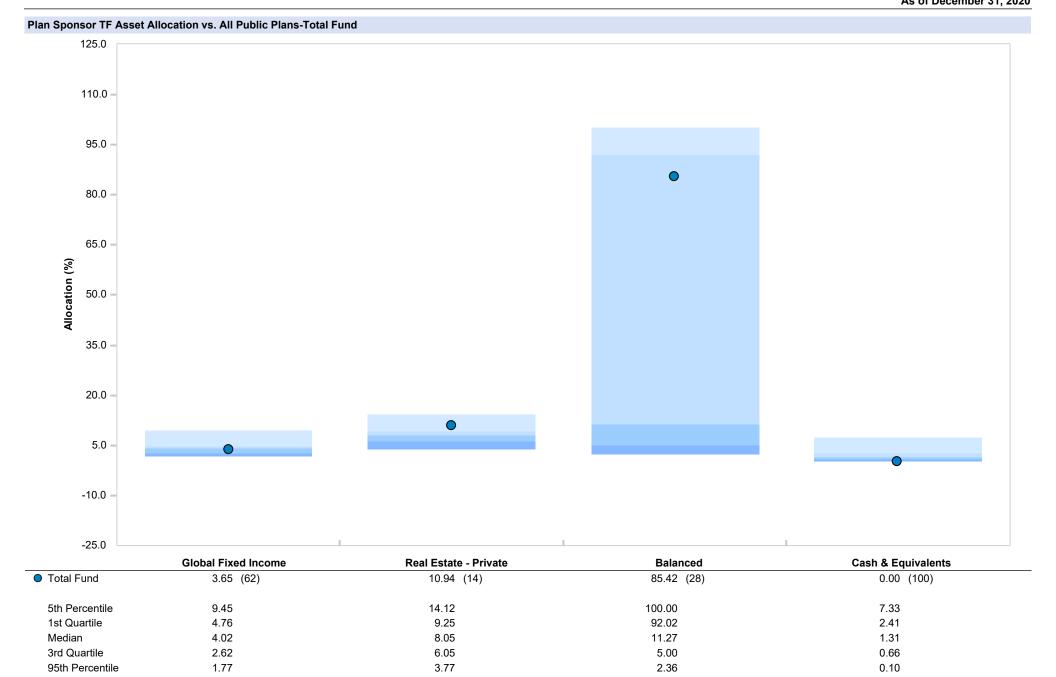
	Manager Compliance		Highland - Equity			Highland - Fixed			Pimco Global			American Realty	
•			NO	N/A	YES	NO	N/A	YES	NO	N/A	YES	NO	N/A
	Manager outperformed the index over the trailing three and five year periods.	х			Х					Х		Χ	
	Manager ranked within the top 40th percentile over trailing three and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



# Key West General Employees Pension Fund Fee Analysis As of December 31, 2020

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Total Fund	0.48	66,702,048	321,518	
Highland Capital	0.40	56,973,760	227,895	0.40 % of Assets
American Core Realty	1.10	7,294,145	80,236	1.10 % of Assets
Pimco Global Bond Opp	0.55	2,434,142	13,388	0.55 % of Assets
Mutual Fund Cash		-	-	





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



Total Fund Policy		
Allocation Mandate	Weight (%)	
Dec-1975		
S&P 500 Index	50.00	
ICE BofAML Govt/ Corp Master	50.00	
Oct-2004		
S&P 500 Index	50.00	
ICE BofAML US Domestic Master	40.00	
MSCI EAFE Index	10.00	
Jan-2014		
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	

Allocation Mandate	Weight (%)	
Jan-1998	<b>G</b> (, ,	
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	



Α	١cti	ive	Re	ŧι	ırn

- 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 have any liability for any direct, indirect, special, incidental, punitive, consequential or any other damages (including, 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 quarantee of future results.



**Clients first.** 



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