# Town of Longboat Key General Employees' Retirement System

Investment Performance Report 2nd Quarter 2015

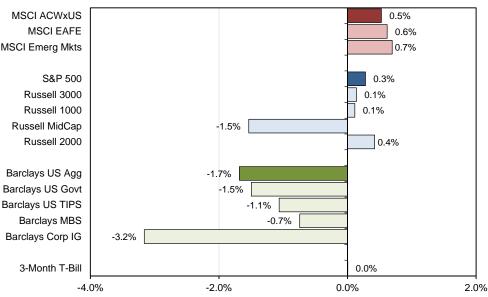


**2nd Quarter 2015 Market Environment** 

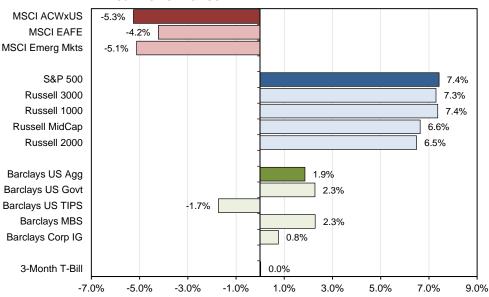


- Investment returns during the second quarter of 2015 were flat to modestly positive for equity and negative for fixed income indices. Domestically, macroeconomic data was mixed throughout the quarter as improvements in unemployment rate, retail sales, and consumer confidence were offset by a negative first quarter gross domestic product (GDP), a strong dollar, and slowing corporate earnings. The majority of the quarter played out as a low-volatility, upward-trending market; however, as the quarter came to a close, geopolitical concerns regarding Greece's default on a \$1.7B payment to the IMF took center stage. This uncertainty sent ripples throughout the financial markets and risk assets sold off.
- While the S&P 500 reached new highs during the quarter, as noted, performance for the quarter was muted. At the index level, small cap companies outperformed large cap companies for the third consecutive quarter, but mid cap companies underperformed and posted negative absolute returns for the period.
- Non-U.S. equity indices provided the strongest returns during the quarter in U.S. dollar (USD) terms but continued to lag their domestic counterparts for the trailing one-year period. In a reversal of recent trends, the U.S. dollar (USD) depreciated approximately 4.0% versus the euro during the quarter.
- An improving domestic economy fueled speculation that the Federal Reserve (Fed) would, by the end of 2015, move to increase short-term interest rates for the first time in almost a decade. As a result, interest rates increased during the quarter, leading to poor performance across fixed income indices. The impact of rising rates was felt more prominently at the long end of the yield curve, which "steepened" the 2 to 30 year spread by 49 basis point (bps). As a result, performance of longer-date issues suffered more than short maturities. For corporate bonds, an influx of new issues caused spreads to widen relative to Treasuries, resulting in weaker performance for corporate bonds relative to U.S. government issues.



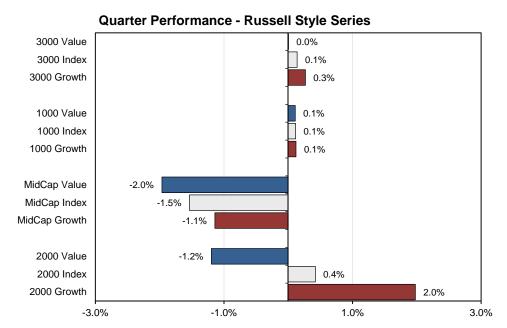


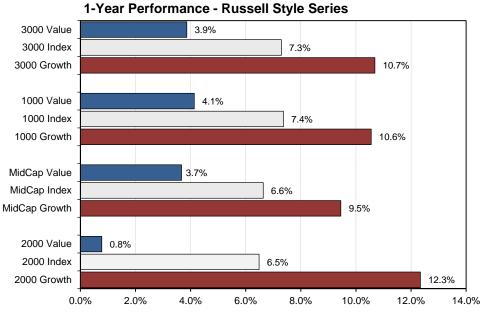
# 1-Year Performance





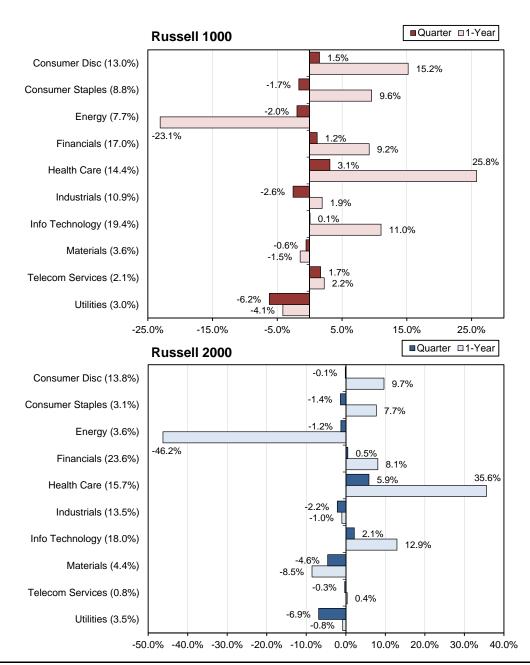
- Performance in domestic equity indices was muted for the quarter as solid gains realized during April and May were largely given back during the latter half of June on headline geopolitical concerns. The Russell 1000 and 3000 indices all finished modestly positive, with little differentiation between growth, value, and core styles. The Russell 1000 index series each returned 0.1% for the quarter while the Russell 3000 Growth Index outpaced its value counterpart by 0.2%.
- Outside of geopolitical factors impacting equity performance, there were two notable trends in U.S. domestic equities in the second quarter of 2015. First, mid cap indices underperformed large and small cap indices. This trend was somewhat unusual since mid cap stocks tend to have performance between their large cap and small cap peers. Second, growth stocks outperformed value stocks across the capitalization spectrum.
- Based on 20-year average P/E ratios, the current P/E for the large cap core and small cap growth indices were roughly in-line with long-term averages. For value indices, current valuations appeared extended. Similar to value, the small and mid cap core indices were also elevated relative to 20-year averages. In contrast, current P/E valuations in large and mid cap growth stocks were below their long-term averages. Large cap growth stocks, in particular, appeared undervalued at just 88% of the long-term P/E average.
- On a trailing one-year basis, growth indices showed a substantial return premium over value benchmarks across the capitalization spectrum.







- Sector performance was split for large cap stocks with five of the ten GICS sectors posting positive returns and five falling into negative territory for the quarter. Health care again posted the strongest sector result for the quarter as well as for the year with returns of 3.1% and 25.8% respectively. In contrast, utilities posted the weakest performance for the quarter with a return of -6.3% and second weakest performance for the trailing one-year period with a return of -6.9%. The energy sector continued to falter with a return of -2.0% for the quarter and a staggering -23.1% for the one-year trailing period.
- Similar to large cap, small cap performance for both the quarter and year was led by the health care sector with returns of 5.9% and 35.6% respectively. Information technology also posted strong relative performance, returning 2.1% for the quarter and 12.9% for the one-year period. Seven of the ten GICS sectors within small cap equities were negative during the second quarter with utilities (-6.9%) and materials (-4.6%) reporting the weakest performance. While the materials (-8.5%) and industrials (-1.0%) sectors were also negative on a one-year basis, the energy sector represents the real standout with a trailing one-year return of -46.2%. The same five sectors driving performance in the Russell 1000 Index (health care, information technology, consumer discretionary, consumer staples, and financials) were also major contributors to the Russell 2000's one-year performance.
- Using the S&P 500 as a proxy, based on trailing P/E, four sectors had valuations lower than their 20-year averages, one sector is fairly valued, and five sectors had valuations above their 20-year average. The information technology and energy sectors were the most undervalued versus historical data, while telecom services and utilities were the most overvalued based on their long-term average P/E ratios.





Top 10 Weighted Stocks							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector			
Apple Inc	3.44%	1.2%	37.3%	Information Technology			
Microsoft Corp	1.70%	9.3%	8.7%	Information Technology			
Exxon Mobil Corporation	1.66%	-1.3%	-14.8%	Energy			
Johnson & Johnson	1.29%	-2.4%	-4.2%	Health Care			
General Electric Co	1.28%	8.0%	4.7%	Industrials			
Wells Fargo & Co	1.25%	4.1%	9.9%	Financials			
Berkshire Hathaway Inc Class B	1.21%	-5.7%	7.5%	Financials			
JPMorgan Chase & Co	1.20%	12.6%	20.8%	Financials			
Procter & Gamble Co	1.01%	-3.7%	2.7%	Consumer Staples			
Pfizer Inc	0.98%	-2.8%	16.9%	Health Care			

Top 10 Weighted Stocks							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
Team Health Holdings Inc	0.25%	11.7%	30.8%	Health Care			
Manhattan Associates Inc	0.23%	17.9%	73.3%	Information Technology			
Cepheid	0.23%	7.5%	27.6%	Health Care			
Tyler Technologies Inc	0.23%	7.3%	41.8%	Information Technology			
Maximus Inc	0.23%	-1.5%	53.3%	Information Technology			
Investors Bancorp Inc	0.23%	5.4%	13.6%	Financials			
Healthsouth Corp	0.22%	4.3%	31.0%	Health Care			
West Pharmaceutical Services Inc	0.22%	-3.3%	38.9%	Health Care			
Neurocrine Biosciences Inc	0.22%	20.3%	221.9%	Health Care			
Prosperity Bancshares, Inc.	0.21%	10.5%	-6.0%	Financials			

Top 10 Performing Stocks (by Quarter)							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector			
Netflix Inc	0.19%	57.7%	49.1%	Consumer Discretionary			
Skechers USA Inc	0.02%	52.7%	140.2%	Consumer Discretionary			
Tesla Motors Inc	0.12%	42.1%	11.7%	Consumer Discretionary			
Golar LNG Ltd	0.02%	42.0%	-18.9%	Energy			
bluebird bio Inc	0.03%	39.4%	336.5%	Health Care			
Seattle Genetics Inc	0.02%	36.9%	26.5%	Health Care			
HCC Insurance Holdings Inc	0.04%	36.1%	60.3%	Financials			
KBR Inc	0.01%	35.1%	-16.8%	Industrials			
Coty Inc Class A	0.01%	31.7%	88.9%	Consumer Staples			
Cablevision Systems Corp Class A	0.02%	31.6%	39.9%	Consumer Discretionary			

Top 10 Performing Stocks (by Quarter)							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
Harvest Natural Resources Inc	0.00%	291.5%	-64.9%	Energy			
Altisource Portfolio Solutions SA	0.02%	139.2%	-73.1%	Financials			
Natural Health Trends Corp	0.02%	131.8%	521.1%	Consumer Staples			
Oncothyreon Inc	0.02%	129.4%	15.4%	Health Care			
Sarepta Therapeutics Inc	0.07%	129.1%	2.1%	Health Care			
TCP International Holdings Ltd	0.00%	128.8%	-59.0%	Industrials			
Alliance One International Inc	0.00%	117.4%	-4.4%	Consumer Staples			
Heron Therapeutics Inc	0.04%	114.2%	152.9%	Health Care			
Affimed NV	0.01%	113.8%	N/A	Health Care			
Corium International Inc	0.01%	109.0%	76.2%	Health Care			

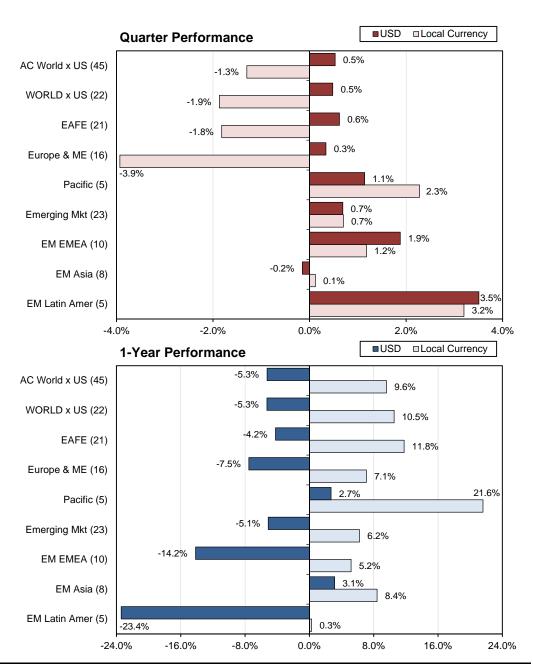
Bottom 10 Performing Stocks (by Quarter)							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector			
Peabody Energy Corp	0.00%	-55.5%	-86.4%	Energy			
SandRidge Energy Inc	0.00%	-50.7%	-87.7%	Energy			
Puma Biotechnology Inc	0.01%	-50.6%	76.9%	Health Care			
Windstream Holdings, Inc.	0.00%	-43.8%	-54.5%	Telecommunication Services			
Michael Kors Holdings Ltd	0.04%	-36.0%	-52.5%	Consumer Discretionary			
Kate Spade & Co	0.01%	-35.5%	-43.5%	Consumer Discretionary			
Sears Holdings Corp	0.00%	-35.5%	-29.0%	Consumer Discretionary			
MBIA Inc	0.00%	-35.4%	-45.6%	Financials			
Stratasys Ltd	0.00%	-33.8%	-69.3%	Information Technology			
Nationstar Mortgage Holdings Inc	0.00%	-32.2%	-53.7%	Financials			

Bottom 10 Performing Stocks (by Quarter)							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
American Eagle Energy Corp	0.00%	-90.6%	-99.7%	Energy			
Dex Media Inc	0.00%	-82.6%	-93.4%	Consumer Discretionary			
Molycorp Inc	0.00%	-76.5%	-96.5%	Materials			
Education Management Corp	0.00%	-75.0%	-96.4%	Consumer Discretionary			
Emerald Oil Inc	0.00%	-71.3%	-97.2%	Energy			
Noranda Aluminum Holding Corp	0.00%	-71.3%	-75.6%	Materials			
Alpha Natural Resources Inc	0.00%	-69.8%	-91.9%	Energy			
Ampio Pharmaceuticals Inc	0.00%	-68.5%	-71.6%	Health Care			
Eleven Biotherapeutics Inc	0.00%	-68.4%	-78.6%	Health Care			
Arch Coal Inc	0.00%	-66.0%	-90.7%	Energy			



Source: Morningstar Direct

- The return pattern for international stocks during the quarter was very similar to their domestic counterparts. The second quarter started off strong with the MSCI EAFE Index up over 4.0% during the month of April. Markets then took a breather in May and finally reversed course into the end of June on the negative momentum brought on by geopolitical events in Greece. While the broad international equity indices ended the quarter in positive territory in USD terms, the local currency performance for these same indices was negative as dollar weakness against major index components was a tailwind to USD returns for the quarter. The yen was the only major currency that depreciated versus the USD for the quarter.
- Japan (3.1%) was one of the strongest performing developed markets during the quarter (the Nikkei 225 reached an 18-year high) thanks to continued aggressive central bank policies, strong corporate earnings, and GDP growth. In contrast, Australia (-6.2%) and New Zealand (-13.1%) were two of the worst-performing developed markets.
- Equity returns in emerging countries fell across a broad performance spectrum of more the 25.0% with top performing Hungary returning 11.0% and bottom performing Indonesia returning -14.1%. Within GICS sectors, higher energy prices boosted equity returns in exporting countries like Brazil (7.0%) and Russia (7.6%) during the second quarter but were a drag on returns for heavy importers like India (-3.6%). Stocks in Latin America rebounded strongly after being the worst-performing region during the first quarter. EM Asia was the only region that failed to post positive returns in USD terms for the period.





MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	13.2%	0.1%	2.2%
Consumer Staples	10.9%	0.3%	-3.9%
Energy	5.2%	2.3%	-30.1%
Financials	26.2%	1.7%	-1.5%
Health Care	11.2%	-1.5%	2.6%
Industrials	12.7%	0.2%	-4.6%
Information Technology	4.7%	-1.1%	4.6%
Materials	7.4%	-0.9%	-12.1%
Telecommunication Services	4.9%	4.8%	1.3%
Utilities	3.6%	1.6%	-12.2%
Total	100.0%	0.6%	-4.2%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.8%	-0.4%	0.7%
Consumer Staples	9.9%	0.7%	-3.3%
Energy	7.0%	2.4%	-29.4%
Financials	27.8%	1.9%	-1.6%
Health Care	9.0%	-1.1%	5.1%
Industrials	11.0%	-0.2%	-5.2%
Information Technology	7.5%	-2.7%	1.6%
Materials	7.5%	-0.7%	-15.8%
Telecommunication Services	5.2%	3.4%	0.7%
Utilities	3.4%	0.9%	-12.5%
Total	100.0%	0.5%	-5.3%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	9.0%	-3.2%	-8.3%
Consumer Staples	8.1%	2.3%	-3.3%
Energy	8.4%	8.5%	-22.6%
Financials	29.8%	2.9%	2.9%

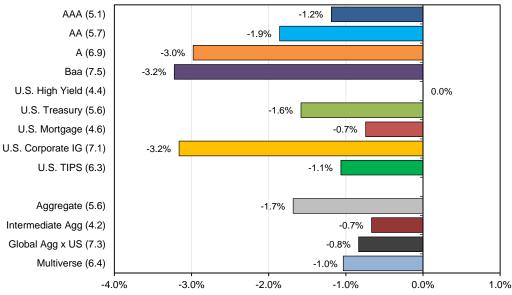
Utilities	3.4%	0.9%	-12.5%
Total	100.0%	0.5%	-5.3%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	9.0%	-3.2%	-8.3%
Consumer Staples	8.1%	2.3%	-3.3%
Energy	8.4%	8.5%	-22.6%
Financials	29.8%	2.9%	2.9%
Health Care	2.5%	-4.0%	11.4%
Industrials	6.9%	1.1%	-5.1%
Information Technology	17.9%	-4.0%	-0.9%
Materials	6.9%	1.3%	-20.3%
Telecommunication Services	7.3%	0.1%	0.3%
Utilities	3.3%	-0.3%	-12.8%
Total	100.0%	0.7%	-5.1%

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	22.9%	16.4%	3.1%	8.3%
United Kingdom	20.3%	14.5%	3.0%	-8.2%
France	9.7%	6.9%	0.3%	-9.6%
Switzerland	9.2%	6.6%	1.0%	-1.2%
Germany	8.9%	6.4%	-5.6%	-9.5%
Australia	6.9%	4.9%	-6.2%	-14.2%
Spain	3.5%	2.5%	-2.1%	-17.3%
Hong Kong	3.3%	2.3%	5.6%	12.4%
Sweden	2.9%	2.1%	-3.0%	-7.2%
Netherlands	2.8%	2.0%	2.8%	2.5%
Italy	2.4%	1.7%	2.5%	-13.5%
Denmark	1.7%	1.2%	2.4%	5.1%
Singapore	1.4%	1.0%	-0.1%	-3.6%
Belgium	1.3%	0.9%	1.0%	3.7%
Finland	0.8%	0.6%	-3.9%	-6.3%
Norway	0.6%	0.5%	3.3%	-26.6%
Israel	0.6%	0.4%	-1.5%	8.8%
Ireland	0.4%	0.3%	8.5%	10.8%
Austria	0.2%	0.1%	3.2%	-22.7%
Portugal	0.2%	0.1%	2.0%	-36.8%
New Zealand	0.1%	0.1%	-13.1%	-20.3%
Total EAFE Countries	100.0%	71.5%	0.6%	-4.2%
Canada		6.7%	-0.9%	-15.3%
Total Developed Countries		78.1%	0.5%	-5.3%
China		5.4%	6.0%	24.6%
Korea		3.1%	-3.7%	-14.2%
Taiwan		2.8%	1.0%	3.0%
South Africa		1.7%	-0.7%	-1.5%
India		1.7%	-3.6%	3.3%
Brazil		1.7%	7.0%	-29.0%
Mexico		1.0%	0.3%	-11.9%
Russia		0.8%	7.6%	-27.6%
Malaysia		0.7%	-7.9%	-21.5%
Indonesia		0.5%	-14.1%	-8.5%
Thailand		0.5%	-3.4%	-0.4%
Poland		0.3%	-0.9%	-19.4%
Turkey		0.3%	0.8%	-16.5%
Philippines		0.3%	-5.0%	9.4%
Chile		0.3%	-3.6%	-15.9%
Qatar		0.2%	-0.8%	2.9%
United Arab Emirates		0.2%	10.7%	1.0%
Colombia		0.1%	3.5%	-40.8%
Peru		0.1%	0.8%	-7.5%
Greece		0.1%	5.2%	-57.7%
Hungary		0.1%	11.0%	-3.8%
Czech Republic		0.0%	1.7%	-13.5%
Egypt		0.0%	-6.1%	11.5%
Total Emerging Countries		21.9%	0.7%	-5.1%

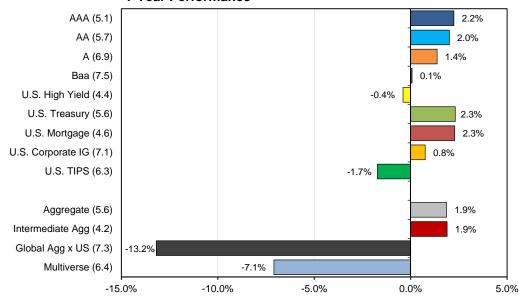


- Fixed income performance was weak for the second quarter as all segments within the broad market index posted negative returns during the period except for high yield which was flat. Much of the poor performance can be attributed to the market's concern of increasingly imminent Fed action to raise short-term interest rates.
- The disproportionately poor performance in the corporate credit space was largely the result of two factors. First, geopolitical concerns, as they often do, led to an overall "de-risking" in bond markets as investors flocked to the relative safety of U.S. Treasuries. Second, a large influx of supply hit the corporate sector during the quarter. For example, AT&T issued \$17.5B in new debt, representing the third largest corporate deal on record, to help finance the company's acquisition of DirecTV. This increased supply of corporate debt led to softer credit markets and wider spreads demanded by investors relative to Treasuries.
- Due to the more pronounced increases in interest rates on the long end of the Treasury yield curve, longer dated issues underperformed short maturity issues for the quarter. The quarterly return on the Barclays 20+ Year U.S. Treasury Index was -9.1% versus a 0.1% return on the Barclays 1-3 Year Treasury Index.
- While international bond indices held up fairly well during the quarter relative to domestic bond index results, their performance illustrates a significant lag over the one-year period. During the quarter, Eurozone bonds initially surged higher on optimism surrounding the ECB's new quantitative easing program. However, later in the period, ongoing turmoil surrounding Greece resulted in the market giving back all of its early gains and more. Much like equity index performance, the one-year trailing returns for the global bond indices are negatively impacted by the strength of the USD over the period.



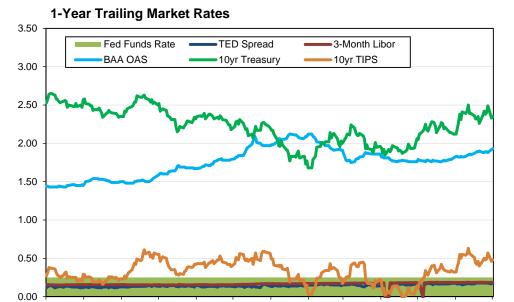


# 1-Year Performance

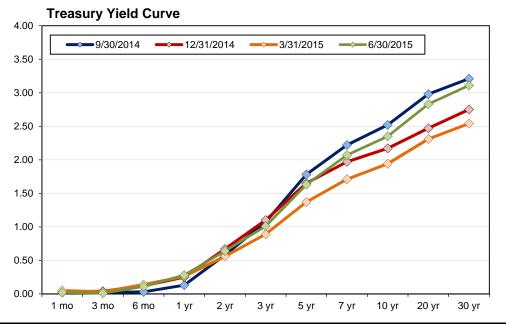




- The Treasury yield curve in the U.S. steepened significantly during the second quarter. Since prices and performance move in the opposite direction of yields, the long-end of the curve was the worst performing maturity segment. Thirty-year Treasuries experienced a 10.4% decline during the period. The yield on the 30-year Treasury rose from 2.54% to 3.11% in the quarter. At the short end of the curve, 2-year Treasuries rose from 0.56% to 0.64%.
- The main driver behind the rate increases during the quarter was market participants indicating, through their trading activity, an expectation that the Fed would move to increase short-term interest rates later this year. This expectation was also reflected in the increase in TIPS yields during the period which jumped from 0.2% to 0.5%. The late period decline in Treasury yields came as a result of the previously mentioned flight-to-quality often accompanying headline geopolitical events like Greece's economic woes.
- It is not expected U.S. rates will rise significantly or that a yield curve steepening will continue unabated in the near term. Should the Fed raise the short-term rates later this year, the Fed has telegraphed they will do so at a measured pace and with an ongoing assessment of current economic data. Geopolitical events, overseas quantitative easing (QE) programs, and lower interest rates outside the U.S. should put downward pressure on how high long-term U.S. rates can go.



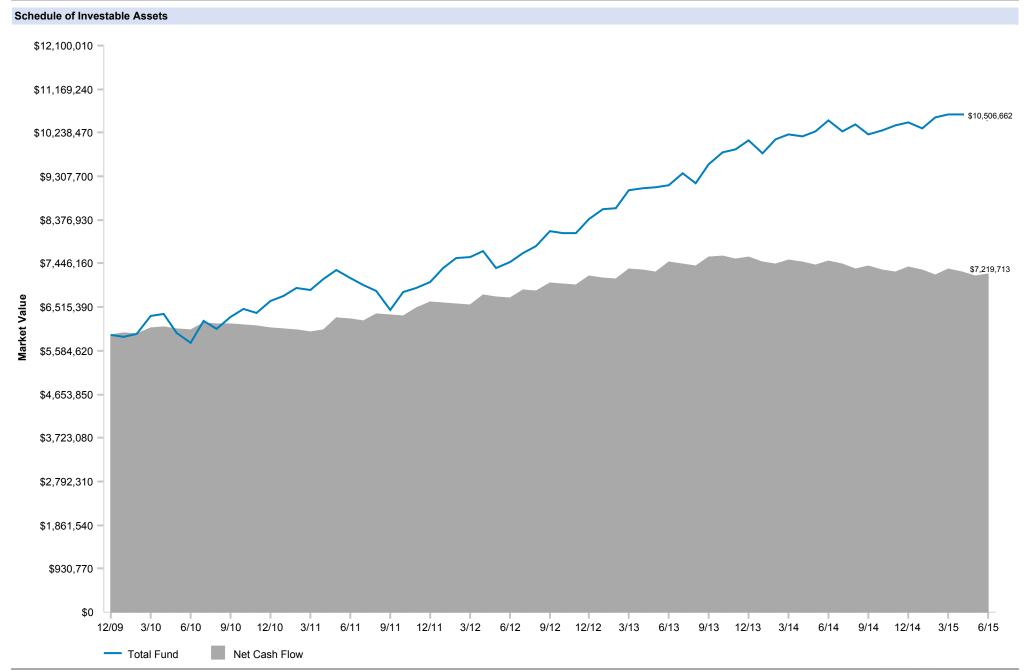
Jun-14 Jul-14 Aug-14 Sep-14 Oct-14 Nov-14 Dec-14 Jan-15 Feb-15 Mar-15 Apr-15 May-15 Jun-15





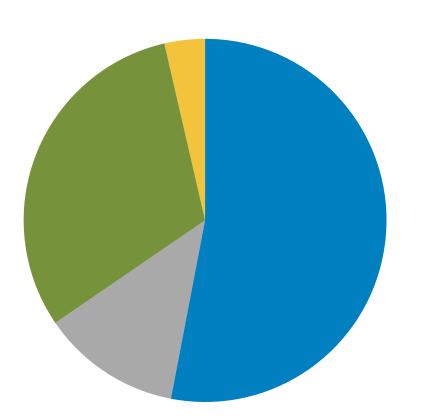
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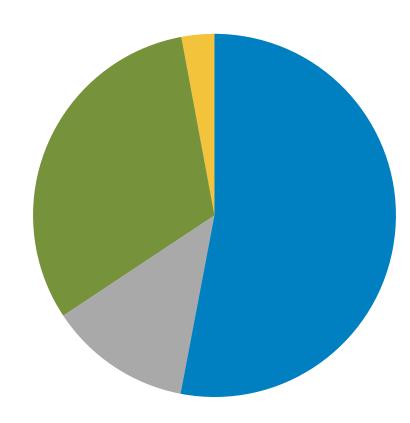




Asset Allocation By Segment as of March 31, 2015 : \$10,620,502

Asset Allocation By Segment as of June 30, 2015 : \$10,506,662



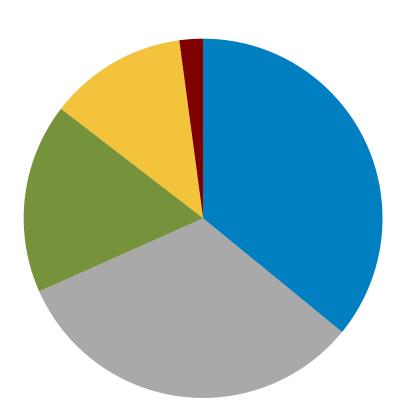


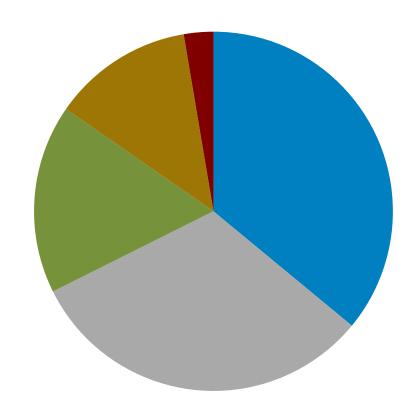
	Allocation				
Market Value	Allocation	Segments	Market Value	Allocation	
5,630,240	53.0	Equity	5,567,867	53.0	
1,321,030	12.4	International Equity	1,334,004	12.7	
3,285,563	30.9	Fixed Income	3,296,811	31.4	
383,669	3.6	Cash Equivalent	307,980	2.9	
	5,630,240 1,321,030 3,285,563	5,630,240       53.0         1,321,030       12.4         3,285,563       30.9	Market Value         Allocation         Segments           5,630,240         53.0         ■ Equity           1,321,030         12.4         ■ International Equity           3,285,563         30.9         ■ Fixed Income	Market Value         Allocation         Segments         Market Value           5,630,240         53.0         ■ Equity         5,567,867           1,321,030         12.4         ■ International Equity         1,334,004           3,285,563         30.9         ■ Fixed Income         3,296,811	



Asset Allocation By Manager as of March 31, 2015 : \$10,620,502

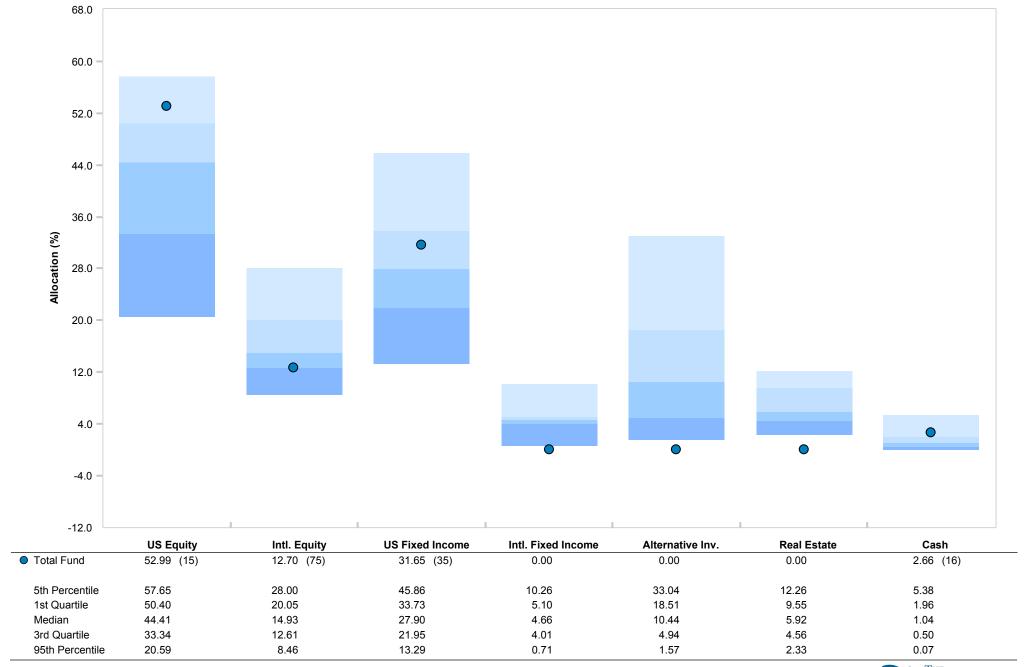
Asset Allocation By Manager as of June 30, 2015 : \$10,506,662





ocation			Allocation	Mankat Value Allegatio			
	Market Value	Allocation		Market Value	Allocation		
■ Vanguard Instl Index Fund (VINIX)	3,813,039	35.9	■ Vanguard Instl Index Fund (VINIX)	3,780,434	36.0		
Sawgrass Core Fixed Income	3,443,491	32.4	Sawgrass Core Fixed Income	3,325,389	31.7		
■ Vanguard Extnd Mkt Index - Adm (VEXAX)	1,817,201	17.1	Vanguard Extnd Mkt Index - Adm (VEXAX)	1,787,433	17.0		
Manning & Napier Overseas (EXOSX)	1,321,030	12.4	EuroPacific Growth (RERGX)	1,334,004	12.7		
■ R&D	225,742	2.1	■ R&D	279,402	2.7		
■ EuroPacific Growth (RERGX)	-	0.0	Manning & Napier Overseas (EXOSX)	-	0.0		





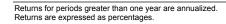
Financial Reconciliation Quarter to Date						<u> </u>		_	
	Market Value 04/01/2015	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2015
Total Equity	6,951,270	-88,376	-	-	-	-	17,628	21,349	6,901,871
Total Domestic Equity	5,630,240	-66,282	-	-	-	-	17,628	-13,719	5,567,867
Vanguard Instl Index Fund (VINIX)	3,813,039	-44,188	-	-	-	-	17,628	-6,045	3,780,434
Vanguard Extnd Mkt Index - Adm (VEXAX)	1,817,201	-22,094	-	-	-	-	-	-7,674	1,787,433
Total International Equity	1,321,030	-22,094		-	-	-	-	35,068	1,334,004
EuroPacific Growth (RERGX)	-	1,373,258	-	-	-	-	-	-39,255	1,334,004
Manning & Napier Overseas (EXOSX)	1,321,030	-1,395,352	-	-	-	-	-	74,323	-
Total Fixed Income	3,443,491	-58,917		-	-4,273	-	19,140	-74,051	3,325,389
Sawgrass Core Fixed Income	3,443,491	-58,917	-	-	-4,273	-	19,140	-74,051	3,325,389
R&D	225,742	147,293	174,401	-257,582	-	-10,454	2	-	279,402
Total Fund	10,620,502	_	174,401	-257,582	-4,273	-10,454	36,771	-52,702	10,506,662
Total Falla	10,020,002		114,401	201,002	4,270	10,404	00,771	02,102	10,000,002
Financial Reconciliation Fiscal Year to Dat									
	Market Value 10/01/2014	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2015
Total Equity	6,643,322	-153,170	-	-	-	-	210,459	201,260	6,901,871
Total Domestic Equity	5,267,469	-114,878	_	_	_	_	93,442	321,833	5,567,867
ICC Multi-Cap	-	-	-	-	_	_	-	-	-
Vanguard Instl Index Fund (VINIX)	3,630,690	-76,585	_	_	_	_	70,568	155,761	3,780,434
Vanguard Extnd Mkt Index - Adm (VEXAX)	1,636,780	-38,293	-	-	-	-	22,874	166,072	1,787,433
Total International Equity	1,375,852	-38,293	-	-	-	-	117,016	-120,573	1,334,004
• •	1,375,852 -	<b>-38,293</b> 1,373,258	-	-		-	117,016 -	<b>-120,573</b> -39,255	<b>1,334,004</b> 1,334,004
Total International Equity EuroPacific Growth (RERGX) Manning & Napier Overseas (EXOSX)	<b>1,375,852</b> - 1,375,852	•	:	- - -	- - -	- - -	<b>117,016</b> - 117,016	•	
EuroPacific Growth (RERGX)	-	1,373,258	- - -	- - -	- - - -6,389	- - -	-	-39,255	
EuroPacific Growth (RERGX) Manning & Napier Overseas (EXOSX)  Total Fixed Income	1,375,852	1,373,258 -1,411,551	- -	-	- -	-	- 117,016	-39,255 -81,318	1,334,004
EuroPacific Growth (RERGX) Manning & Napier Overseas (EXOSX)	1,375,852 3,387,159	1,373,258 -1,411,551 <b>-102,113</b>	- -	-	- - -6,389	-	117,016 <b>57,515</b>	-39,255 -81,318 <b>-10,782</b>	1,334,004 - 3,325,389



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Comparative Performance Trailing Returns													
	Q	ΓR	FY	TD	1 \	/R	3 \	YR	5 \	/R	Ince	otion	Inceptio Date
Total Fund (Gross)	-0.02	(40)	4.68	(51)	2.83	(66)	9.54	(81)	9.10	(90)	3.49	(100)	01/01/2000
Total Fund Policy	-0.48	(74)	4.09	(66)	3.36	(53)	10.11	(68)	10.56	(61)	4.61	(97)	
Difference	0.46		0.59		-0.53		-0.57		-1.46		-1.12		
All Public Plans-Total Fund Median	-0.13		4.69		3.48		10.89		10.91		5.76		
Total Fund (Net)	-0.06		4.62		2.74		9.38		N/A		7.77		10/01/2010
Total Fund Policy	-0.48		4.09		3.36		10.11		10.56		9.20		
Difference	0.42		0.53		-0.62		-0.73		N/A		-1.43		
Total Equity	0.79		6.47		3.52		14.70		N/A		11.22		10/01/2010
Total Equity Policy	0.31		5.58		4.21		15.79		15.21		13.16		
Difference	0.48		0.89		-0.69		-1.09		N/A		-1.94		
Total Domestic Equity	0.05		7.89		7.04		16.18		N/A		13.20		10/01/2010
Total Domestic Equity Policy	0.14		7.28		7.29		17.73		17.54		15.85		
Difference	-0.09		0.61		-0.25		-1.55		N/A		-2.65		
Vanguard Insti Index Fund (VINIX)	0.28	(43)	6.22	(38)	7.41	(27)	N/A		N/A		18.31	(28)	01/01/2013
S&P 500 Index	0.28	(43)	6.22	(38)	7.42	(27)	17.31	(36)	17.34	(21)	18.35	(27)	
Difference	0.00	, ,	0.00	, ,	-0.01	, ,	N/A	, ,	N/A	, ,	-0.04	• •	
IM U.S. Large Cap Core Equity (MF) Median	0.15		5.68		6.26		16.72		15.99		17.17		
Vanguard Extnd Mkt Index - Adm (VEXAX)	-0.44	(58)	11.57	(45)	6.23	(34)	N/A		N/A		11.02	(19)	11/01/2013
S&P Completion Index	-0.44	(58)	11.53	(46)	6.17	(35)	19.26	(17)	18.18	(12)	10.99	(19)	
Difference	0.00	()	0.04	( - /	0.06	()	N/A	( )	N/A	( )	0.03	( - /	
IM U.S. SMID Cap Core Equity (MF) Median	-0.12		11.13		5.20		17.32		16.09		9.19		
Total International Equity	3.72		0.79		-8.95		9.09		N/A		4.50		10/01/2010
Total International Equity	0.72		0.37		-4.85		9.92		N/A		5.21		
Difference	3.00		0.42		-4.10		-0.83		N/A		-0.71		
EuroPacific Growth (RERGX)	N/A		N/A		N/A		N/A		N/A		-1.81	(9)	06/01/2015
MSCI AC World ex USA	0.72	(58)	0.37	(79)	-4.85	(73)	9.92	(69)	8.23	(85)	-2.75	(23)	
Difference	N/A	, ,	N/A	, ,	N/A	, ,	N/A	, ,	N/A	, ,	0.94	,	
IM International Large Cap Core Equity (MF) Median	0.91		1.89		-3.94		10.51		9.23		-2.94		
Total Fixed Income	-1.61		1.37		1.53		1.86		4.34		4.34		07/01/2010
Total Fixed Policy	-1.68		1.69		1.86		1.83		3.35		3.35		
Difference	0.07		-0.32		-0.33		0.03		0.99		0.99		
Sawgrass Core Fixed Income	-1.61	(51)	1.37	(90)	1.53	(86)	1.86	(85)	N/A		3.14	(95)	08/01/2010
Barclays Aggregate Index	-1.68	(71)	1.69	(72)	1.86	(74)	1.83	(86)	3.35	(91)	3.18	(91)	
Difference	0.07		-0.32		-0.33		0.03		N/A		-0.04		
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-1.61		1.82		2.05		2.37		3.91		3.75		





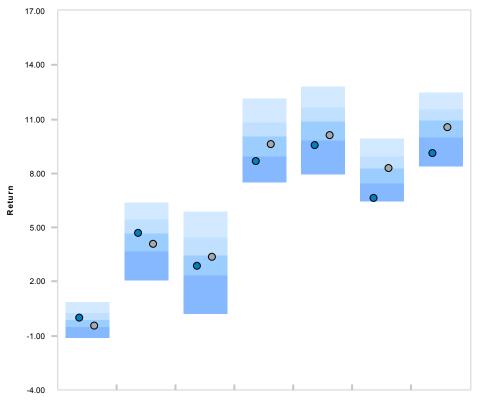
Comparative Performance Fiscal Year to Date																		
	FY	TD	Т	2013 o 2014	Oct-: T Sep-	0	Oct-/ T Sep-	0	Oct-2 T Sep-	0	Oct-: T Sep-	0		2008 o 2009	Oct-2 To Sep-2	0	Oct-/ T Sep-	o
Total Fund (Gross)	4.68	(51)	8.95	(75)	10.35	(82)	15.04	(85)	-0.54	(70)	5.77	(98)	0.91	(60)	-14.56	(65)	12.06	(86)
Total Fund Policy	4.09	(66)	10.29	(48)	11.22	(73)	17.78	(53)	1.02	(34)	9.33	(68)	1.67	(50)	-13.35	(47)	12.86	(75)
Difference	0.59		-1.34		-0.87		-2.74		-1.56		-3.56		-0.76		-1.21		-0.80	
All Public Plans-Total Fund Median	4.69		10.14		12.59		17.93		0.32		9.91		1.59		-13.57		14.37	
Total Fund (Net)	4.62		8.84		10.13		14.76		-0.85		N/A		N/A		N/A		N/A	
Total Fund Policy	4.09		10.29		11.22		17.78		1.02		9.33		1.67		-13.35		12.86	
Difference	0.53		-1.45		-1.09		-3.02		-1.87		N/A		N/A		N/A		N/A	
Total Equity	6.47		12.11		19.15		21.40		-4.01		N/A		N/A		N/A		N/A	
Total Equity Policy	5.58		14.53		20.52		26.34		-2.27		9.71		-5.10		-23.36		17.94	
Difference	0.89		-2.42		-1.37		-4.94		-1.74		N/A		N/A		N/A		N/A	
Total Domestic Equity	7.89		15.94		18.42		23.04		-1.13		N/A		N/A		N/A		N/A	
Total Domestic Equity Policy	7.28		17.76		21.60		30.20		0.55		10.40		-6.91		-21.98		16.44	
Difference	0.61		-1.82		-3.18		-7.16		-1.68		N/A		N/A		N/A		N/A	
ICC Multi-Cap	N/A		N/A		N/A		20.00	(95)	-1.89	(81)	N/A		N/A		N/A		N/A	
Russell 3000 Index	7.28	(48)	17.76	(68)	21.60	(38)	30.20	(45)	0.55	(57)	10.96	(31)	-6.42	(57)	-21.52	(62)	16.52	(58)
Difference	N/A		N/A		N/A		-10.20		-2.44		N/A		N/A		N/A		N/A	
IM U.S. Large Cap Core Equity (SA+CF) Median	7.14		19.25		20.74		29.76		1.12		9.46		-5.81		-20.44		16.97	
Vanguard Total Stock Mkt Idx (VTSMX)	N/A		N/A		N/A		30.04	(20)	0.59	(23)	N/A		N/A		N/A		N/A	
Russell 3000 Index	7.28	(37)	17.76	(26)	21.60	(64)	30.20	(18)	0.55	(23)	10.96	(33)	-6.42	(64)	-21.52	(36)	16.52	(51)
Difference	N/A		N/A		N/A		-0.16		0.04		N/A		N/A		N/A		N/A	
IM U.S. Multi-Cap Core Equity (MF) Median	6.57		15.74		23.37		26.38		-2.00		9.65		-5.26		-22.83		16.55	
Vanguard Instl Index Fund (VINIX)	6.22	(38)	19.69	(20)	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
S&P 500 Index	6.22	(38)	19.73	(20)	19.34	(60)	30.20	(24)	1.14	(26)	10.16	(23)	-6.91	(58)	-21.98	(47)	16.44	(48)
Difference	0.00		-0.04		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
IM U.S. Large Cap Core Equity (MF) Median	5.68		17.49		20.00		28.15		-1.02		8.14		-6.07		-22.18		16.28	
Vanguard Extnd Mkt Index - Adm (VEXAX)	11.57	(45)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
S&P Completion Index	11.53	(46)	9.66	(22)	31.34	(24)	30.37	(31)	-2.06	(34)	15.92	(26)	-3.92	(40)	-20.04	(76)	18.39	(28)
Difference	0.04		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
IM U.S. SMID Cap Core Equity (MF) Median	11.13		6.75		28.74		28.37		-3.76		13.92		-5.56		-17.14		15.20	



	FY	TD	Oct- T Sep-	0	Oct-: T Sep-	0	Oct-2 To Sep-2	0	Oct-2 To Sep-2	0	Oct-2 To Sep-2	0	Oct- T Sep-		Oct-2 To Sep-2	0		2006 o 2007
Total International Equity	0.79		-0.43		20.95		16.04		-12.51		N/A		N/A		N/A		N/A	
Total International Equity	0.37		5.22		16.98		15.04		-10.42		N/A		N/A		N/A		N/A	
Difference	0.42		-5.65		3.97		1.00		-2.09		N/A		N/A		N/A		N/A	
EuroPacific Growth (RERGX)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
MSCI AC World ex USA	0.37	(79)	5.22	(23)	16.98	(80)	15.04	(53)	-10.42	(37)	8.00	(6)	6.43	(11)	-29.97	(74)	31.06	(9)
Difference	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
IM International Large Cap Core Equity (MF) Median	1.89		3.49		20.97		15.13		-10.87		3.90		1.23		-28.72		24.67	
Manning & Napier Overseas (EXOSX)	N/A		-0.43	(95)	20.95	(52)	16.04	(35)	-12.51	(74)	N/A		N/A		N/A		N/A	
MSCI AC World ex USA	0.37	(80)	5.22	(30)	16.98	(82)	15.04	(51)	-10.42	(40)	8.00	(19)	6.43	(23)	-29.97	(38)	31.06	(7)
Difference	N/A		-5.65		3.97		1.00		-2.09		N/A		N/A		N/A		N/A	
IM International Multi-Cap Core Equity (MF) Median	2.26		4.28		21.36		15.07		-11.08		4.69		1.80		-31.01		24.97	
Total Fixed Income	1.37		3.50		-1.03		6.15		4.25		N/A		N/A		N/A		N/A	
Total Fixed Policy	1.69		3.96		-1.68		5.16		5.26		7.48		10.01		3.13		5.43	
Difference	-0.32		-0.46		0.65		0.99		-1.01		N/A		N/A		N/A		N/A	
Sawgrass Core Fixed Income	1.37	(90)	3.50	(94)	-1.03	(40)	6.15	(70)	4.25	(90)	N/A		N/A		N/A		N/A	
Barclays Aggregate Index	1.69	(72)	3.96	(80)	-1.68	(80)	5.16	(91)	5.26	(50)	8.16	(87)	10.56	(82)	3.65	(32)	5.14	(52)
Difference	-0.32		-0.46		0.65		0.99		-1.01		N/A		N/A		N/A		N/A	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.82		4.51		-1.28		6.60		5.26		9.22		12.29		2.54		5.15	



# Plan Sponsor Peer Group Analysis - All Public Plans-Total Fund 17.00



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
<ul><li>Total Fund (Gross)</li></ul>	-0.02 (40)	4.68 (51)	2.83 (66)	8.67 (82)	9.54 (81)	6.62 (94)	9.10 (90)
<ul><li>Total Policy</li></ul>	-0.48 (74)	4.09 (66)	3.36 (53)	9.59 (64)	10.11 (68)	8.26 (50)	10.56 (61)
Median	-0.13	4.69	3.48	10.04	10.89	8.25	10.91

		40.4:											
Total Poli	су	10.29	(48)	11.22	(73)	17.78	(53)	1.02	(34)	9.33	(68)	1.67	(50)
Total Fun	d (Gross)			10.35				-0.54		5.77		0.91	
		Oct-2 To Sep-2	)	Oct-2 To Sep-2	0	Oct-2 T Sep-	0	Oct-2 To Sep-2	0	Oct-2 To Sep-2	<b>o</b>	Oct-2 To Sep-2	)
	-12.00												
	-8.00 —												
	-4.00												
	0.00							0				•	
	4.00									•			
Return	8.00 -	•									)		
	12.00 -	C	<b>.</b>		)								
	16.00 -					•	)						
	20.00												
	24.00												
	28.00												

	To Sep-2	-	To Sep-2	•	To Sep-2	-	To Sep-2	-	To Sep-2	-	To Sep-2	•
<ul><li>Total Fund (Gross)</li></ul>	8.95	(75)	10.35	(82)	15.04	(85)	-0.54	(70)	5.77	(98)	0.91	(60)
<ul><li>Total Policy</li></ul>	10.29	(48)	11.22	(73)	17.78	(53)	1.02	(34)	9.33	(68)	1.67	(50)
Median	10.14		12.59		17.93		0.32		9.91		1.59	

	1 Qtr Ending Mar-2015	1 Qtr Ending Dec-2014	1 Qtr Ending Sep-2014	1 Qtr Ending Jun-2014	1 Qtr Ending Mar-2014	1 Qtr Ending Dec-2013
Total Fund (Gross)	1.96 (84)	2.69 (31)	-1.77 (84)	3.39 (69)	1.99 (27)	5.19 (67)
Total Policy	2.07 (78)	2.48 (39)	-0.70 (27)	3.80 (39)	1.77 (44)	5.14 (68)
All Public Plans-Total Fund Median	2.44	2.25	-1.13	3.63	1.71	5.60



# 3 Yr Rolling Under/Over Performance - 5 Years 24.0 Over Total Fund (Gross) (%) 0.0 0.0 0.0 Performance 0.0 Under Performance -8.0 8.0 0.0 16.0 24.0 -8.0 Total Policy (%)

X Latest Date

# 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 3/12 3/13 6/15 9/10

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
<ul><li>Total Fund (Gross)</li></ul>	20	0 (0%)	0 (0%)	0 (0%)	20 (100%)
<ul><li>Total Policy</li></ul>	20	0 (0%)	4 (20%)	16 (80%)	0 (0%)

# Peer Group Scattergram - 3 Years 11.25 10.80 % 10.35 9.90 9.45 0 9.45 9.00 5.12 5.20 5.28 5.36 5.44 5.52 5.60 5.68 Risk (Standard Deviation %)

Earliest Date

Under Performance

Pee	er Gro	oup Sc	attergram - 5 Years	<b>i</b>			
	11.52						
<u>.</u>	10.88	-					
<u>و</u>	10.88 10.24 9.60	-	0				
etui	9.60	-					
œ	8.96	-					
	8.32						
		7.4	7.6	7.8	8.0	8.2	8.4
				Risk (Standard D	Deviation %)		

	Return	Standard Deviation		Return	
<ul><li>Total Fund (Gross)</li></ul>	9.54	5.41	<ul><li>Total Fund (Gross)</li></ul>	9.10	
<ul> <li>Total Policy</li> </ul>	10.11	5.21	<ul> <li>Total Policy</li> </ul>	10.56	
Median	10.89	5.58	Median	10.93	

		Deviation			Deviation
<ul> <li>Total Fund (Gross)</li> </ul>	9.54	5.41	Total Fund (Gross)	9.10	8.16
<ul> <li>Total Policy</li> </ul>	10.11	5.21	<ul><li>Total Policy</li></ul>	10.56	7.56
Median	10.89	5.58	Median	10.93	8.14
Historical Statistics - 3 Year	rs				

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fotal Fund (Gross)	1.43	98.26	107.06	-0.53	-0.36	1.71	1.00	2.65
Total Policy	0.00	100.00	100.00	0.00	N/A	1.87	1.00	2.39

mistorical Statistics	- 5 leais							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Gross)	1.77	100.27	122.48	-1.86	-0.73	1.10	1.06	4.56
Total Policy	0.00	100.00	100.00	0.00	N/A	1.36	1.00	3.90



Standard

#### Peer Group Analysis - IM U.S. Large Cap Core Equity (MF) 24.00 44.00 36.00 20.00 0 0 0 28.00 16.00 00 0 20.00 00 0 12.00 12.00 Return Return 0 8.00 0 0 0 0 4.00 0 4.00 -4.00 0 0 0 0.00 -12.00 -4.00 -20.00 -8.00 -28.00 Oct-2013 Oct-2012 Oct-2011 Oct-2010 Oct-2009 Oct-2008 То То То To То То Sep-2009 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2014 Sep-2013 Sep-2012 Sep-2011 Sep-2010 Vanguard (VINIX) 0.28 (43) 6.22 (38) 7.41 (27) 15.66 (31) N/A N/A N/A Vanguard (VINIX) 19.69 (20) N/A N/A N/A N/A N/A S&P 500 Index 0.28 (43) 6.22 (38) 7.42 (27) 15.70 (30) 17.31 (36) 14.22 (21) 17.34 (21) S&P 500 Index 19.73 (20) 19.34 (60) 30.20 (24) 10.16 (23) -6.91 (58) 1.14 (26) Median 0.15 5.68 6.26 14.64 16.72 12.79 15.99 Median 17.49 20.00 28.15 -1.02 8.14 -6.07 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending Ending** Ending Ending Ending Ending Mar-2015 Dec-2014 Sep-2014 Jun-2014 Mar-2014 Dec-2013 Vanguard (VINIX) 0.94 (53) 4.93 (32) 1.12 (24) 5.23 (21) 1.79 (42) 10.50 (30) S&P 500 Index 0.95 (53)4.93 (32)(24)5.23 (20)1.81 (41) 10.51 (29) 1.13 IM U.S. Large Cap Core Equity (MF) Median 4.47 0.62 4.72 1.61 10.04 1.01



### Peer Group Analysis - IM U.S. SMID Cap Core Equity (MF) 30.00 52.00 44.00 25.00 36.00 20.00 0 0 0 0 28.00 0 15.00 0 0 0 20.00 10.00 0 Return 12.00 00 0 5.00 4.00 0.00 00 0 0 -4.00 -5.00 -12.00 -10.00 -20.00 -15.00 -28.00 Oct-2009 Oct-2013 Oct-2012 Oct-2011 Oct-2010 Oct-2008 To То То То То То QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2014 Sep-2013 Sep-2012 Sep-2011 Sep-2010 Sep-2009 Vanguard (VEXAX) -0.44 (58) 11.57 (45) 6.23 (34) N/A N/A N/A N/A Vanguard (VEXAX) N/A N/A N/A N/A N/A N/A S&P Completion Index -0.44 (58) 11.53 (46) 6.17 (35) 16.07 (17) 19.26 (17) 13.40 (15) 18.18 (12) S&P Completion Index 9.66 (22) 31.34 (24) 30.37 (31) -2.06 (34) 15.92 (26) -3.92 (40) Median -0.12 11.13 5.20 14.06 17.32 11.43 16.09 Median 6.75 28.74 28.37 -3.76 13.92 -5.56 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending **Ending** Ending Ending Ending Ending Mar-2015 Dec-2014 Sep-2014 Jun-2014 Mar-2014 Dec-2013 Vanguard (VEXAX) 5.30 (18) 6.43 (59) -4.79 (18) 3.32 (37) 2.73 (21) N/A S&P Completion Index 6.39 (59)-4.81 (18) 3.29 (38)2.77 (21) 8.53 5.30 (18)(61) IM U.S. SMID Cap Core Equity (MF) Median 2.83 1.50 4.28 6.78 -6.188.72



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### Peer Group Analysis - IM International Large Cap Core Equity (MF) 20.00 36.00 16.00 28.00 12.00 20.00 0 0 0 0 8.00 0 12.00 4.00 0 0 Return Return 0 4.00 0 0 0.00 -4.00 -4.00 0 0 -12.00 -8.00 -20.00 -12.00 -16.00 -28.00 Oct-2013 Oct-2012 Oct-2011 Oct-2010 Oct-2009 Oct-2008 То То То То То То QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2014 Sep-2013 Sep-2012 Sep-2011 Sep-2010 Sep-2009 EuroPacific (RERGX) N/A N/A N/A EuroPacific (RERGX) N/A MSCI ACW ex USA 0.72 (58) 0.37 (79) -4.85 (73) 7.86 (49) 9.92 (69) 3.33 (78) 8.23 (85) MSCI ACW ex USA 5.22 (23) 16.98 (80) 15.04 (53) 10.42 (37) 6.43 (11) 8.00 (6) Median 0.91 1.89 -3.94 7.81 10.51 4.25 9.23 Median 3.49 20.97 15.13 10.87 3.90 1.23 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending Ending **Ending** Ending Ending Mar-2015 Dec-2014 Sep-2014 Jun-2014 Mar-2014 Dec-2013 EuroPacific (RERGX) N/A N/A N/A N/A N/A N/A MSCI ACW ex USA 3.59 -3.81 -5.19 (45) 5.25 0.61 (20)4.81 (81)(44)(1) (68)IM International Large Cap Core Equity (MF) Median -4.07 -0.16 5.47 5.17 -5.37 -0.16



### Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 8.00 24.00 20.00 6.00 16.00 4.00 12.00 00 0 0 Return Return 0 2.00 8.00 0 0 0 0 0 4.00 0.00 0.00 0 0 -2.00 -4.00 -4.00 -8.00 Oct-2013 Oct-2012 Oct-2011 Oct-2010 Oct-2009 Oct-2008 То То То То To To Sep-2009 QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2014 Sep-2013 Sep-2012 Sep-2011 Sep-2010 -1.61 (51) 1.37 (90) 1.53 (86) 2.62 (98) 1.86 (85) 3.19 (93) N/A 3.50 (94) -1.03 (40) 6.15 (70) 4.25 (90) N/A Sawgrass Sawgrass N/A Barclays Agg -1.68 (71) 1.69 (72) 1.86 (74) 3.11 (86) 1.83 (86) 3.21 (91) 3.35 (91) Barclays Agg 3.96 (80) -1.68 (80) 5.16 (91) 5.26 (50) 8.16 (87) 10.56 (82) Median -1.61 1.82 2.05 3.49 2.37 3.76 3.91 Median 4.51 -1.28 6.60 5.26 9.22 12.29 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending Ending Ending Ending Ending Ending** Mar-2015 Dec-2014 Sep-2014 Jun-2014 Mar-2014 Dec-2013 Sawgrass 1.45 (94) 1.56 (72) 0.16 (67) 1.70 (96) 1.79 (84) -0.19 (84) (74) 1.79 (39)0.17 (66)2.04 (72)1.84 (77) -0.14 (77) Barclays Agg 1.61 IM U.S. Broad Market Core Fixed Income (SA+CF) Median 1.73 0.21 2.15 2.03 0.08 1.73



Count

6 (75%)

19 (95%)

Count

2 (25%)

1 (5%)

# 3 Yr Rolling Under/Over Performance - 5 Years 4.8 Over Performance 4.0 (%) 3.2 2.4 1.6 Under Performance 0.8 1.6 2.4 8.0 3.2 4.0 4.8 Barclays Agg (%) X Latest Date Earliest Date Over Performance

### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 0000000 100.0 9/12 6/15 3/11 3/12 3/13 9/13 3/14 9/14 9/10 5-25 25-Median Median-75 75-95 **Total Period**

Count

0 (0%)

0 (0%)

Count

0 (0%)

0 (0%)

Pe	er Group S	cattergram -	3 Years					
	2.60							
(9	2.40							
r 6	2.20 -							
tetu	2.20 = 2.00 =							
Œ	1.80				$\circ$			
	1.60	1	1	1				
	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96
				Risk (Standard	Deviation %)			

Peer Group Scattergr	am - 5 Years	
4.00		
§ 3.80 –		
3.60 — 3.40 —		
₩ 3.40		0
3.20		
2.95	2.96	2.97
	Risk (Standard Deviation %)	

	Return	Standard Deviation
<ul><li>Sawgrass</li></ul>	1.86	2.48
<ul> <li>Barclays Agg</li> </ul>	1.83	2.71
Median	2.37	2.84

	Return	Standard Deviation	
<ul><li>Sawgrass</li></ul>	N/A	N/A	
<ul><li>Barclays Agg</li></ul>	3.35	2.97	
Median	3.91	2.96	

Historical Statistic	cs - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Sawgrass	0.48	92.67	87.48	0.26	0.05	0.71	0.87	1.54
Barclays Agg	0.00	100.00	100.00	0.00	N/A	0.62	1.00	1.79
Historical Statistic	cs - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Sawgrass	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Barclays Agg	0.00	100.00	100.00	0.00	N/A	1.17	1.00	1.52

Sawgrass

Barclays Agg

8

20



		ΓR	FYTD		1 \	1 YR		3 YR		5 YR		ption	Inception Date	
Blend Current	-0.40	(69)	5.41	(27)	4.41	(29)	11.84	(19)	11.99	(12)	N/A		08/01/2002	
Total Fund Policy	-0.48	(74)	4.09	(66)	3.36	(53)	10.11	(68)	10.56	(61)	6.95	(72)		
Difference	0.08		1.32		1.05		1.73		1.43		N/A			
All Public Plans-Total Fund Median	-0.13		4.69		3.48		10.89		10.91		7.41			
Vanguard Institutional Index (VINIX)	0.28	(11)	6.21	(4)	7.41	(3)	17.28	(3)	17.31	(1)	9.60	(N/A)	08/01/1990	
S&P 500 Index	0.28	(11)	6.22	(3)	7.42	(2)	17.31	(1)	17.34	(1)	9.59	(N/A)		
Difference	0.00		-0.01		-0.01		-0.03		-0.03		0.01			
IM S&P 500 Index (MF) Median	0.17		5.87		6.93		16.77		16.77		N/A			
Vanguard Ext Mk Index (VEXAX)	-0.44	(36)	11.58	(18)	6.23	(44)	19.33	(23)	18.26	(15)	8.82	(34)	12/01/2000	
S&P Completion Index	-0.44	(37)	11.53	(20)	6.17	(45)	19.26	(24)	18.18	(17)	N/A			
Difference	0.00		0.05		0.06		0.07		0.08		N/A			
IM U.S. Mid Cap Core Equity (MF) Median	-0.95		8.60		5.86		18.02		16.33		8.03			
American Funds EuPc;R-6 (RERGX)	1.12	(35)	5.41	(17)	0.97	(17)	12.71	(8)	10.12	(21)	9.63	(30)	06/01/2009	
S&P EPAC LargeMidCap Growth Index	0.28	(71)	2.79	(66)	-3.23	(79)	11.28	(44)	9.67	(35)	9.20	(43)		
Difference	0.84		2.62		4.20		1.43		0.45		0.43			
IM International Large Cap Growth Equity (MF) Median	0.88		3.65		-1.42		10.94		9.19		8.96			
Sawgrass Fixed Income	-1.66	(59)	1.34	(91)	1.48	(89)	1.88	(85)	3.44	(88)	5.54	(70)	04/01/1998	
Barclays Aggregate Index	-1.68	(71)	1.69	(72)	1.86	(74)	1.83	(86)	3.35	(91)	5.30	(92)		
Difference	0.02		-0.35		-0.38		0.05		0.09		0.24			
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-1.61		1.82		2.05		2.37		3.91		5.66			



Weight (%)
60.00
35.00
5.00
55.00
40.00
5.00
50.00
40.00
10.00
45.00
15.00
40.00

Total Equity Policy		
Allocation Mandate	Weight (%)	
Jan-1926		
S&P 500 Index	100.00	
May-2003		
S&P 500 Index	92.00	
MSCI EAFE Index	8.00	
Jan-2006		
S&P 500 Index	83.00	
MSCI EAFE Index	17.00	
Jul-2010		
Russell 3000 Index	75.00	
MSCI AC World ex USA	25.00	

Total Fixed Policy	
Allocation Mandate	Weight (%)
Nov-1999	
Barclays Intermediate U.S. Gov/Credit Index	100.00
May-2003	
Barclays Intermediate U.S. Gov/Credit Index	100.00
Burday's intermediate 6.6. Gov/orealt index	100.00
Jan-2006	
Barclays Intermediate U.S. Gov/Credit Index	100.00
1.10040	
Jul-2010	
Barclays Aggregate Index	100.00



# TOWN OF LONGBOAT KEY GENERAL EMPLOYEES RETIREMENT SYSTEM

Total Fund Compliance:	Yes	No	N/A
1. The Total Plan return equaled or exceeded the 7.00% actuarial earnings assumption over the trailing three year period. (Gross 9.54%)	✓		
2. The Total Plan return equaled or exceeded the 7.00% actuarial earnings assumption over the trailing five year period. (Gross 9.10%)	✓		
3. The Total Plan return equaled or exceeded the total plan benchmark over the trailing three year period. (9.54% vs. 10.11%)		✓	
4. The Total Plan return equaled or exceeded the total plan benchmark over the trailing five year period. (9.10% vs. 10.56%)		✓	
5. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing three year period. (Actual 81st)		✓	
6. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing five year period. (Actual 90th)		✓	

Equity Compliance:	Yes	No	N/A
1. Total domestic equity returns meet or exceed the benchmark over the trailing three year period. (16.18% vs. 17.73%)		✓	
2. Total domestic equity returns meet or exceed the benchmark over the trailing five year period. (N/A)*			✓
3. Total international equity returns meet or exceed the benchmark over the trailing three year period. (9.09% vs. 9.92%)		✓	
4. Total international equity returns meet or exceed the benchmark over the trailing five year period. (N/A)*			<b>√</b>
5. The total equity allocation was less than 70% of the total plan assets at market. (Actual 65.7%)	✓		
6. Total foreign securities was less than 25% of the total plan assets at market. (Actual 12.7%)	✓		

Fixed Income Compliance:	Yes	No	N/A
1. Total fixed income returns meet or exceed the benchmark over the trailing three year period. (1.86% vs. 1.83%)	✓		
2. Total fixed income returns meet or exceed the benchmark over the trailing five year period. (N/A)*			<b>✓</b>
3. All fixed income investments had a minimum rating of "A" or higher.	✓		



Manager Compliance:	Van	Van Indx (VINIX)			Van Indx (VEXAX)			EurpoP(RERGX)			Sawgrass Fixed		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
1. Less than four consecutive quarters of under-performance relative to the benchmark.			✓			✓			✓	✓			
2. Manager outperformed the index over the trailing three year period.			✓			✓			✓	✓			
3. Manager outperformed the index over the trailing five year period.			<b>✓</b>			✓			✓			✓	
4. Manager ranked within the top 40th percentile over trailing three year period.			✓			✓			✓		✓		
5. Manager ranked within the top 40th percentile over trailing five year period.			✓			✓			✓			✓	
6. Three-year downside capture ratio was less than the index.			✓			✓			✓	✓			
7. Five-year downside capture ratio was less than the index.			✓			<b>✓</b>			✓			✓	
8. No drift from style consistency of mandate			✓			✓			✓	✓			
9. No management turnover in portfolio team or senior management			✓			<b>✓</b>			✓	✓			
10. No investment process change, including varying the index or benchmark			✓			<b>✓</b>			✓	✓			
11. No failure to adhere to the IPS or Addendums or other compliance issues			✓			✓			✓	✓			
12. No investigation of the firm by the SEC or other regulartory agency			✓			✓			✓	✓			
13. No significant asset flows into or our of the company or strategy			✓			<b>✓</b>			✓	✓			
14. No merger or sale of the firm			✓			✓			✓	✓			
15. No fee increases outside of the competetive range			✓			<b>√</b>			✓	✓			
16. No servicing issues			✓			✓			<b>✓</b>	✓			
17. No failure to attain a 60% vote of confidence by the Board			✓			✓			✓	✓			
18. Manager reports compliance with PFIA.			✓			✓			✓	✓			

<sup>\*</sup>Data available for three year period only due to inception date.



## **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.

# **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.

# 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.

# **Tracking Error**

- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.

# **Treynor Ratio**

- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.

# **Up Market Capture**

- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.



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The Bogdahn Group 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. The Bogdahn Group analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides The Bogdahn Group with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides The Bogdahn Group with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause The Bogdahn Group to believe that the information presented is significantly misstated.

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