# City of Venice Municipal Police Officers' Pension Trust Fund

Investment Performance Review June 30, 2013



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## A Brief Firm Update:

We would like to take this opportunity to thank you for your business and more importantly, your trust. From day one our goal has not been to be the largest firm, but to provide our clients with the highest level of service possible. We have been blessed with strong, steady growth over the years, and have made significant investments in new resources, technology and our firm's greatest asset, quality team members.

For many of our clients, the primary interaction is with their consultant. As part of our commitment to improving service we have created dedicated service teams, designed to enhance your consultant's ability to provide timely responses and thoughtful advice. Each team is tasked with responsibility for all aspects of the client relationship, and is further supported by our growing research group and administrative staff. This support, combined with various cross-team interactions foster even greater synergies and are designed to deliver superior client solutions.

While our industry is changing, The Bogdahn Group is steadfast on remaining truly independent. We strive to deliver clear recommendations focused exclusively on helping you achieve your objectives.

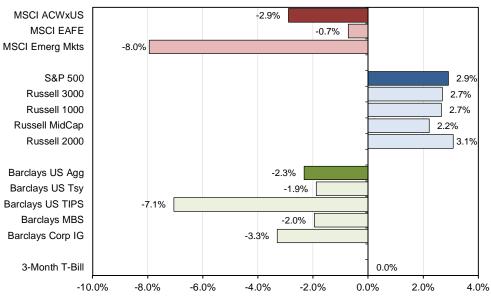
We would welcome your visit to our offices in Orlando to meet the entire team, and again thank you for the opportunity to serve.

The Bogdahn Group

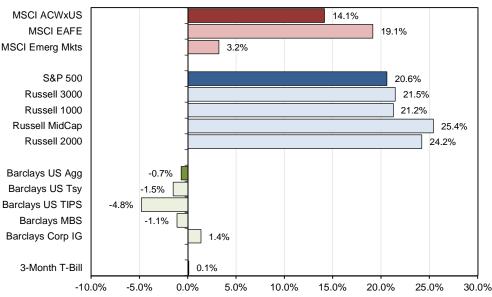


- Dickens' classic A Tale of Two Cities starts off with the proclamation, "It was the best of times, it was the worst of times..." This is an appropriate description of 2013's second quarter. In the first half of the period, the U.S. equity markets continued the strong run posted in the first quarter, which saw double digit returns across many U.S. indices. Equity markets were up 3-4% from the beginning of April through late May. However, this reversed in June as the S&P 500 declined 1.1% off its high.
- The quarter started with a surprising jobs report in April (+165,000 new non farm payroll jobs, which was above expectations), and in May the markets were lifted by a strong rise in the Chicago Purchasing Managers' Index, which was also unforeseen by market participants. This momentum was squashed when Fed Chairman Ben Bernanke at the May Federal Open Market Committee (FOMC) meeting suggested the Fed might begin "tapering" of quantitative easing (QE). These comments also foreshadowed a potential culmination in 2014 of the bond purchasing program that has dominated market behavior for much of the past few years.
- International stocks lagged during the second quarter as evidenced by the MSCI EAFE Index's return of -0.7%. Emerging stocks fared even worse with the MSCI Emerging Markets Index down 8.0%. The performance gap for the year-to-date period between developed international and emerging equities is the widest it has been since the 1997-98 time period which began with the infamous "Asian Contagion."
- The U.S. bond market, as represented by the Barclays Aggregate Bond Index, fell 2.3% in the second quarter of 2013. The 2.3% decline was the largest quarterly drop since the second quarter of 2004. The dramatic losses were broad-based as all major sectors moved sharply lower. Investment grade credit suffered the largest decline with a decrease of 3.3%. The U.S. Treasury and MBS sectors each returned 1.9%. The poor second quarter performance pushed the year-to-date and trailing one-year returns on the Barclays Aggregate Index into negative territory.

## **Quarter Performance**



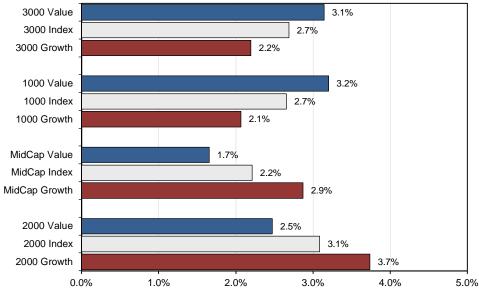
### 1-Year Performance



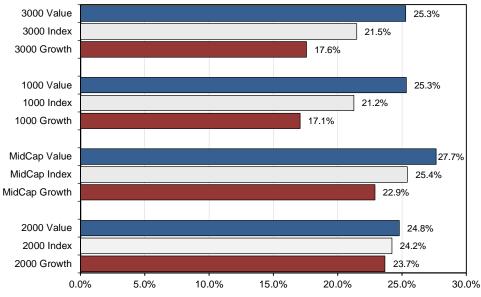


- Within the U.S. equity market, all size groupings produced positive performance. Small caps, as represented by the Russell 2000 Index, were ahead of their large cap peers. For the third consecutive guarter, small caps outperformed large caps in aggregate. The return for the Russell 2000 (+3.1%) outpaced that of the Russell 1000 (+2.7%) by 40 basis points (bps). Equities, which were up as much as 4% earlier in the quarter, were driven lower as a result of Fed Chairman Bernanke's influential comments.
- Although the revision to the first quarter's GDP was disappointing at 1.8% vs. the original report of 2.4%, the main cause of the change was spending cuts by the federal government due to the sequester. The market gains during the period were largely driven by the consumer sector. Housing posted impressive gains with building permits running near the one million rate once again (up from just below 800,000 year over year), and home prices are showed strong signs of recovery in more markets. Retail sales also improved.
- Price-to-earnings (PE) multiples rose to their highest levels in three years. As the economic recovery has broadened, consumer confidence readings have improved and are near six-year highs. Consumer confidence readings are an important predictor of consumer spending, accounting for 70% of the U.S. economy, which influence and drive the markets. Corporate profits also continue to show a steady advance and are 20% above the peak of the last recovery cycle in 2006.
- The quarter's forward S&P 500 PE ratio was 13.8X (on forward 12-month EPS estimates of \$116.12), placing the S&P 500 above the 5-year average forward PE of 12.9X but below the 10-year forward PE of 14.1X, which suggests equities were not overpriced but were not terribly attractive either. Forward estimates aligned with past 12-month earnings trends, which reflect the record earnings levels for the S&P 500 that was driven by heightened profit margins but flat revenue growth.
- At 13.9X current PE, the large cap blend (Russell 1000 Index) segment sported the most favorable valuation when compared to its 20 year historical average of 16.2X (86.2%). Small cap value (Russell 2000 Value Index) was the "richest" of the traditional style box segments, at 107.2% (15.3X current vs. 14.2X historical).



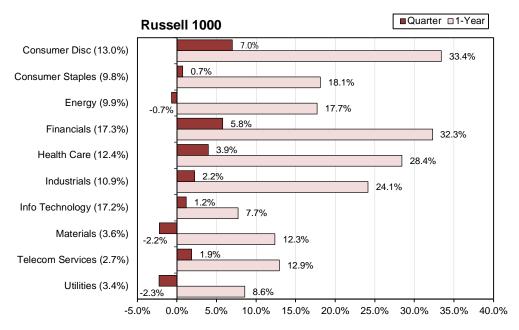


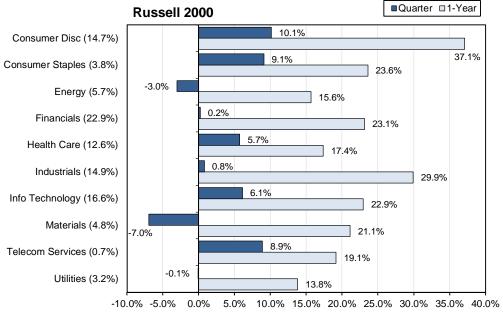
# 1-Year Performance - Russell Style Series





- The major equity market "theme" this quarter was the rapid reversal in performance for the traditional high dividend yielding sectors, such as Materials and Energy (as well as Utilities in the small cap space). With Bernanke's comments suggesting an end to QE may be near, the high dividend yields exemplified by companies within these sectors became less compelling. With the ten-year bond rising 65 bps during the quarter, investors are already starting to act on this potential outcome. The strong performance of Utilities within the Russell 1000 was somewhat of an anomaly and was driven by merger and acquisition activity within that segment, highlighted by Berkshire Hathaway's takeover of NV Energy (NVE) in late May.
- "Defensive" sectors, which include health care, consumer staples, utilities and telecommunications services, are currently trading at a premium to "cyclical" sectors, which include information technology, industrials, energy, consumer discretionary, and materials. Financials do not fall into either classification. After reaching peak valuations in late 2012, investors have migrated to higher cyclical exposure given favorable relative valuations. This trend is expected to continue as long as economic growth remains positive and steady. Currently, defensive sectors trade at 1.12X that of cyclical sectors on a next 12-month PE basis. This is down from a high of 1.25X in late 2012.
- With sector performance over the past few years being largely a byproduct of the impact of macro factors (debt ceiling, U.S. Treasury downgrade, Euro issues, etc.) and the resulting flight to quality (dividend payers and large blue chip companies), correlations between stocks were driven to all time highs. This resulted in an investment manager's stock selection having less of an impact on relative performance. This has changed of late, as correlations have fallen from a high of approximately 0.65 in 2011 to 0.34 today. This is still slightly higher than the historical average of 0.26, giving managers optimism that stock selection (and, as a result, sector returns) will be a result of strong company fundamentals and not macro influences.







Source: Morningstar Direct

Top 10 Weighted Stocks						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Exxon Mobil Corporation	2.59%	1.0%	8.4%	Energy		
Apple Inc	2.27%	-9.8%	-30.6%	Information Technology		
Microsoft Corporation	1.60%	21.6%	16.4%	Information Technology		
General Electric Co	1.51%	0.3%	14.1%	Industrials		
Johnson & Johnson	1.45%	6.1%	31.4%	Health Care		
Chevron Corp	1.43%	0.4%	15.9%	Energy		
Google, Inc. Class A	1.40%	10.9%	51.8%	Information Technology		
Procter & Gamble Co	1.30%	0.7%	29.9%	Consumer Staples		
IBM	1.28%	-10.0%	-0.6%	Information Technology		
Wells Fargo & Co	1.24%	12.4%	26.9%	Financials		

Top 10 Weighted Stocks						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Pharmacyclics, Inc.	0.33%	-1.2%	45.5%	Health Care		
Ocwen Financial Corporation	0.32%	8.7%	119.5%	Financials		
Starwood Property Trust, Inc.	0.30%	-9.1%	25.4%	Financials		
Genesee & Wyoming, Inc.	0.27%	-8.9%	60.6%	Industrials		
3D Systems Corporation	0.27%	36.2%	92.9%	Information Technology		
Alaska Air Group, Inc.	0.27%	-18.7%	44.8%	Industrials		
Two Harbors Investment Corp	0.27%	-16.3%	21.5%	Financials		
CoStar Group, Inc.	0.26%	17.9%	59.0%	Information Technology		
Dril-Quip, Inc.	0.26%	3.6%	37.7%	Energy		
Gulfport Energy Corporation	0.26%	2.7%	128.3%	Energy		

Top 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Tesla Motors, Inc.	0.05%	183.3%	243.1%	Consumer Discretionary		
ITT Educational Services, Inc.	0.00%	77.1%	-59.8%	Consumer Discretionary		
T-Mobile US Inc	0.03%	69.6%	205.6%	Telecommunication Services		
Advanced Micro Devices Inc	0.02%	60.0%	-28.8%	Information Technology		
Clearwire Corp Class A	0.01%	54.2%	346.0%	Telecommunication Services		
NII Holdings Inc	0.01%	54.0%	-34.9%	Telecommunication Services		
GameStop Corp Class A	0.03%	51.5%	138.8%	Consumer Discretionary		
Warner Chilcott PLC Class A	0.02%	48.9%	49.0%	Health Care		
Vertex Pharmaceuticals	0.10%	45.6%	43.2%	Health Care		
Micron Technology, Inc.	0.09%	43.7%	127.1%	Information Technology		

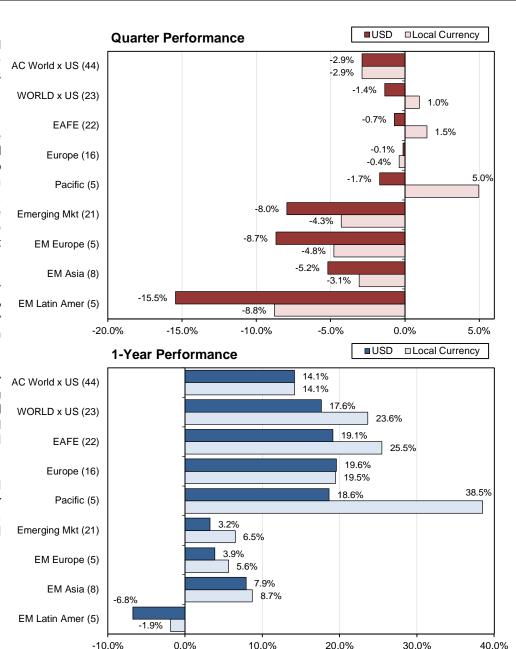
Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Clovis Oncology Inc	0.07%	133.6%	208.9%	Health Care		
Overstock.com, Inc.	0.02%	128.9%	308.1%	Consumer Discretionary		
Immunomedics, Inc.	0.03%	125.7%	52.8%	Health Care		
Inteliquent	0.01%	123.6%	-8.6%	Telecommunication Services		
Restoration Hardware Holdings Inc	0.03%	114.3%	N/A	Consumer Discretionary		
National Research Corporation	0.00%	111.6%	144.0%	Health Care		
Vanda Pharmaceuticals, Inc.	0.02%	106.1%	83.6%	Health Care		
SolarCity Corp	0.04%	99.9%	N/A	Industrials		
Nexstar Broadcasting Group Inc	0.03%	97.8%	432.5%	Consumer Discretionary		
Arkansas Best Corporation	0.04%	97.0%	84.3%	Industrials		

Bottom 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Walter Energy Inc	0.00%	-63.3%	-76.0%	Materials		
Allied Nevada Gold Corp	0.00%	-60.6%	-77.2%	Materials		
Royal Gold, Inc.	0.02%	-40.6%	-45.8%	Materials		
Alpha Natural Resources Inc	0.01%	-36.2%	-39.8%	Energy		
SolarWinds, Inc.	0.01%	-34.3%	-10.9%	Information Technology		
Peabody Energy Corporation	0.02%	-30.5%	-39.4%	Energy		
PBF Energy Inc	0.00%	-29.7%	N/A	Energy		
Newmont Mining Corporation	0.09%	-27.8%	-36.0%	Materials		
American Capital Agency Corp.	0.06%	-26.5%	-19.6%	Financials		
Fortinet, Inc.	0.01%	-26.1%	-24.6%	Information Technology		

Bottom 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Exide Technologies, Inc.	0.00%	-95.3%	-96.2%	Consumer Discretionary		
Orchard Supply Hardware	0.00%	-92.4%	-98.2%	Consumer Discretionary		
Central European Distribution Corp	0.00%	-78.6%	-97.7%	Consumer Staples		
Golden Star Resources, Ltd.	0.01%	-73.8%	-63.8%	Materials		
Revett Minerals Inc.	0.00%	-71.6%	-80.3%	Materials		
Infinity Pharmaceuticals, Inc.	0.04%	-66.6%	19.4%	Health Care		
AVEO Pharmaceuticals, Inc.	0.01%	-66.0%	-79.4%	Health Care		
ATP Oil & Gas Corp	0.00%	-60.0%	-97.9%	Energy		
Vista Gold Corporation	0.00%	-55.1%	-66.7%	Materials		
Rigel Pharmaceuticals, Inc.	0.02%	-50.9%	-64.1%	Health Care		

Source: Morningstar Direct

- International equity markets ended the second quarter in negative territory, with emerging equity markets continuing their "worst performer" status. April saw very strong international equity returns, while May and June were progressively more negative. Trailing one-year international equity returns remain in positive territory, with the exception of Latin America.
- While U.S. Fed Chairman Bernanke's comments regarding possible QE "tapering" may have had some negative effects on emerging equities, the more obvious culprit was news coming out of Turkey and China. Widespread social unrest in Turkey in early June caused the local stock market to collapse. The country had been a recent investor darling after upgrades from Moody's and Fitch from junk status to the lowest rung of investment-grade. Investor fears of a continued Chinese economic slowdown were compounded by rumors of an impending banking crisis in the country. The People's Bank of China signaled its concern in June by engineering a credit squeeze to discourage loan growth.
- The Japanese Yen continued its depreciation trend relative to the U.S. dollar (USD) during the quarter. Local equity returns for the country were 10.2% versus a return of 4.3% in USD. In general, Asian and emerging country currencies also depreciated versus the USD, while developed European currencies moderately appreciated during the period.
- Australia and New Zealand were the worst-performing developed equity markets during the quarter (-13.9% and -10.4%, respectively), while Peru was by far the worst emerging equity market at -27.5%. Several developed equity markets ended the quarter in positive territory, including several European countries and Japan. Only Hungary, Malaysia, and Taiwan turned in positive performance under the emerging equity category.
- Returns across sectors again varied widely during the quarter and displayed no trend in regards to defensive versus cyclical sectors. Consumer discretionary, telecommunications services, and utilities stocks, on average, were the best performers. Energy and materials stocks struggled and ended the quarter down significantly.





MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.7%	5.8%	30.9%
Consumer Staples	11.8%	-4.4%	17.3%
Energy	7.0%	-3.0%	0.9%
Financials	25.0%	-1.0%	29.3%
Health Care	10.5%	0.9%	26.1%
Industrials	12.5%	-1.4%	19.5%
Information Technology	4.6%	1.3%	18.8%
Materials	8.0%	-8.5%	2.0%
Telecommunication Services	5.2%	5.3%	12.1%
Utilities	3.8%	4.1%	7.2%
Total	100.0%	-0.7%	19.1%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.5%	4.2%	26.5%
Consumer Staples	10.7%	-4.1%	16.6%
Energy	9.3%	-6.4%	-1.0%
Financials	26.4%	-3.3%	22.4%
Health Care	8.0%	1.0%	26.3%
Industrials	10.7%	-2.6%	16.6%
Information Technology	6.6%	-1.4%	16.4%
Materials	8.6%	-12.8%	-7.6%
Telecommunication Services	5.6%	2.9%	9.4%
Utilities	3.5%	0.3%	3.5%
Total	100.0%	-2.9%	14.1%

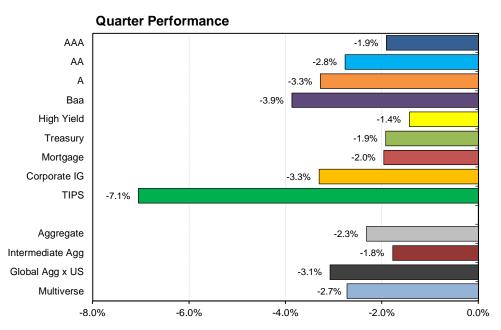
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	8.3%	-3.1%	8.9%
Consumer Staples	9.4%	-3.9%	13.0%
Energy	11.4%	-11.8%	-6.9%
Financials	27.5%	-9.6%	8.8%
Health Care	1.5%	-0.5%	19.0%
Industrials	6.3%	-9.1%	-0.8%
Information Technology	14.7%	-3.9%	13.7%
Materials	9.5%	-17.1%	-16.5%
Telecommunication Services	7.9%	0.7%	4.0%
Utilities	3.4%	-10.1%	-7.3%
Total	100.0%	-8.0%	3.2%

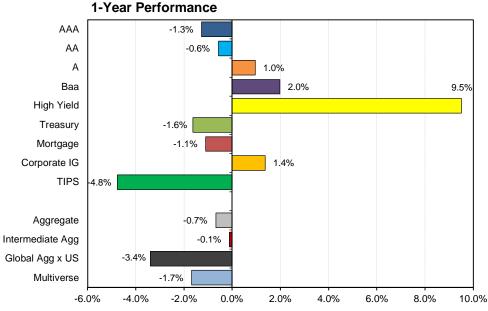
Country         Weight         Return         Return           Japan         22.6%         16.0%         4.4%         22.4%           United Kingdom         21.7%         15.3%         -2.2%         11.9%           France         9.4%         6.7%         3.5%         24.0%           Switzerland         9.2%         6.5%         0.0%         30.1%           Germany         8.7%         6.1%         3.4%         28.2%           Australia         8.0%         5.7%         -13.9%         11.0%           Sweden         3.1%         2.2%         -5.3%         20.9%           Hong Kong         3.0%         2.1%         -4.6%         17.4%           Spain         2.8%         2.0%         -0.4%         15.5%           Netherlands         2.8%         1.9%         3.1%         22.3%           Italy         2.0%         1.4%         1.4%         7.7%           Singapore         1.7%         1.2%         -6.3%         10.1%           Belgium         1.1%         0.8%         -3.8%         15.5%           Norway         0.8%         0.6%         -5.0%         9.7%           Finland         <		MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
United Kingdom	Country	Weight	Weight	Return	Return
France 9.4% 6.7% 3.5% 24.0% 30.1% Germany 8.7% 6.5% 0.0% 30.1% 30.1% Germany 8.7% 6.5% 0.0% 30.1% 30.1% 30.1% 3.4% 28.2% 4.5% 3.4% 28.2% 4.5% 3.4% 28.2% 4.5% 3.4% 28.2% 4.5% 3.4% 22.2% 5.5% 21.3.9% 11.0% Swoden 3.1% 2.2% 5.5% 20.9% 11.0% 5.2% 12.9% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 1.9% 3.1% 2.2% 5.3% 11.0% 5.2% 11.4% 1.4% 7.7% 5.2% 5.2% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.5% 5.3% 11.3% 5.3% 5.3% 5.5% 15.5% 5.3% 5.3% 5.5% 5.5% 5.5% 5.5% 5.5%	Japan	22.6%	16.0%	4.4%	22.4%
France 9.4% 6.7% 3.5% 24.0% 30.1% Germany 8.7% 6.5% 0.0% 30.1% 30.1% Germany 8.7% 6.5% 0.0% 30.1% 30.1% 30.1% 3.4% 28.2% 4.5% 3.4% 28.2% 4.5% 3.4% 28.2% 4.5% 3.4% 28.2% 4.5% 3.4% 22.2% 5.5% 21.3.9% 11.0% Swoden 3.1% 2.2% 5.5% 20.9% 11.0% 5.2% 12.9% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 17.4% 5.2% 4.6% 1.9% 3.1% 2.2% 5.3% 11.0% 5.2% 11.4% 1.4% 7.7% 5.2% 5.2% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.2% 5.3% 11.5% 5.3% 11.3% 5.3% 5.3% 5.5% 15.5% 5.3% 5.3% 5.5% 5.5% 5.5% 5.5% 5.5%	United Kingdom	21.7%	15.3%	-2.2%	11.9%
Germary 8.7% 6.1% 3.4% 28.2% Australia 8.0% 5.7% -13.9% 11.0% 11.0% Sweden 3.1% 2.2% -5.3% 20.9% Hong Kong 3.0% 2.1% 4.6% 17.4% 15.5% Netherlands 2.8% 1.9% 3.1% 26.3% 11.0% 2.8% 1.9% 3.1% 26.3% 11.0% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 1.4% 7.7% 1.2% 1.55% 10.0% 1.55% 10.0% 1.55% 10.0% 10.0% 1.55% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0		9.4%	6.7%	3.5%	24.0%
Germary 8.7% 6.1% 3.4% 28.2% Australia 8.0% 5.7% -13.9% 11.0% 11.0% Sweden 3.1% 2.2% -5.3% 20.9% Hong Kong 3.0% 2.1% 4.6% 17.4% 15.5% Netherlands 2.8% 1.9% 3.1% 26.3% 11.0% 2.8% 1.9% 3.1% 26.3% 11.0% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 1.4% 7.7% 20.0% 1.4% 1.4% 1.4% 7.7% 1.2% 1.55% 10.0% 1.55% 10.0% 1.55% 10.0% 10.0% 1.55% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 10.0	Switzerland	9.2%	6.5%	0.0%	30.1%
Sweden   3.1%   2.2%   -5.3%   20.9%     Hong Kong   3.0%   2.1%   -4.6%   17.4%     Spain   2.8%   2.0%   -0.4%   15.5%     Netherlands   2.6%   1.9%   3.1%   26.3%     Italy   2.0%   1.4%   1.4%   7.7%     Singapore   1.7%   1.2%   -6.3%   10.1%     Belgium   1.1%   0.8%   -3.8%   15.5%     Denmark   1.1%   0.8%   -3.8%   15.5%     Norway   0.8%   0.6%   -5.0%   9.7%     Finland   0.8%   0.6%   -4.2%   5.1%     Israel   0.5%   0.4%   -4.2%   5.1%     Ireland   0.3%   0.2%   -2.7%   18.6%     Austria   0.3%   0.2%   -2.7%   18.6%     Portugal   0.2%   0.1%   0.4%   25.1%     New Zealand   0.1%   0.1%   -10.4%   20.5%     Greece   0.0%   0.0%   -9.0%   33.3%     Canada   7.3%   -7.3%   4.6%     Total EAFE Countries   78.0%   -1.4%   11.1%     Canada   1.6%   -7.3%   4.6%     Total Developed Countries   1.6%   -7.3%   4.3%     Faizil   2.5%   -1.0%   -1.0%   0.4%     South Africa   1.6%   -7.3%   -4.3%     India   1.5%   -5.6%   6.7%     Mexico   1.2%   -1.12%   6.4%     Mexico   1.2%   -1.12%   6.4%     Mexico   1.2%   -1.12%   6.4%     Malaysia   0.9%   -1.2%   -1.19%     Foland   0.4%   -15.2%   -1.19%     Foland   0.4%   -15.2%   -1.15%     Foland   0.4%   -15.2%   -1.5%     Foland   0.4%   -15.2%   -1.5%     Foland   0.4%   -15.2%   -1.0%     Foland   0.4%   -15.2%   -1.1.9%     Foland   0.4%   -15.2%   -1.0%     Folan	Germany			3.4%	28.2%
Sweden   3.1%   2.2%   -5.3%   20.9%     Hong Kong   3.0%   2.1%   -4.6%   17.4%     Spain   2.8%   2.0%   -0.4%   15.5%     Netherlands   2.6%   1.9%   3.1%   26.3%     Italy   2.0%   1.4%   1.4%   7.7%     Singapore   1.7%   1.2%   -6.3%   10.1%     Belgium   1.1%   0.8%   -3.8%   15.5%     Denmark   1.1%   0.8%   -3.8%   15.5%     Norway   0.8%   0.6%   -5.0%   9.7%     Finland   0.8%   0.6%   -4.2%   5.1%     Israel   0.5%   0.4%   -4.2%   5.1%     Ireland   0.3%   0.2%   -2.7%   18.6%     Austria   0.3%   0.2%   -2.7%   18.6%     Portugal   0.2%   0.1%   0.4%   25.1%     New Zealand   0.1%   0.1%   -10.4%   20.5%     Greece   0.0%   0.0%   -9.0%   33.3%     Canada   7.3%   -7.3%   4.6%     Total EAFE Countries   78.0%   -1.4%   11.1%     Canada   1.6%   -7.3%   4.6%     Total Developed Countries   1.6%   -7.3%   4.3%     Faizil   2.5%   -1.0%   -1.0%   0.4%     South Africa   1.6%   -7.3%   -4.3%     India   1.5%   -5.6%   6.7%     Mexico   1.2%   -1.12%   6.4%     Mexico   1.2%   -1.12%   6.4%     Mexico   1.2%   -1.12%   6.4%     Malaysia   0.9%   -1.2%   -1.19%     Foland   0.4%   -15.2%   -1.19%     Foland   0.4%   -15.2%   -1.15%     Foland   0.4%   -15.2%   -1.5%     Foland   0.4%   -15.2%   -1.5%     Foland   0.4%   -15.2%   -1.0%     Foland   0.4%   -15.2%   -1.1.9%     Foland   0.4%   -15.2%   -1.0%     Folan	Australia	8.0%	5.7%	-13.9%	11.0%
Spain         2.8%         2.0%         -0.4%         15.5%           Netherlands         2.6%         1.9%         3.1%         26.3%           Italy         2.0%         1.4%         1.4%         7.7%           Singapore         1.7%         1.2%         -6.3%         10.1%           Belgium         1.1%         0.8%         -3.7%         22.7%           Denmark         1.1%         0.8%         -3.8%         15.5%           Norway         0.8%         0.6%         -5.0%         9.7%           Finland         0.8%         0.6%         -5.0%         9.7%           Finland         0.8%         0.6%         1.4%         30.8%           Israel         0.5%         0.4%         4.2%         5.1%           Ireland         0.3%         0.2%         -2.7%         18.6%           Austria         0.3%         0.2%         -2.7%         18.6%           Portugal         0.2%         0.1%         0.4%         25.1%           New Zealand         0.1%         0.1%         0.10%         20.7%         19.1%           Canada         70.7%         0.7%         0.7%         19.1%	Sweden			-5.3%	20.9%
Spain         2.8%         2.0%         -0.4%         15.5%           Netherlands         2.6%         1.9%         3.1%         26.3%           Italy         2.0%         1.4%         1.4%         7.7%           Singapore         1.7%         1.2%         6.3%         10.1%           Belgium         1.1%         0.8%         -3.7%         22.7%           Norway         0.8%         0.6%         -5.0%         9.7%           Finland         0.8%         0.6%         1.4%         30.8%           Israel         0.5%         0.4%         4.2%         5.1%           Ireland         0.3%         0.2%         -3.6%         10.4%           Austria         0.3%         0.2%         -2.7%         18.6%           Portugal         0.2%         0.1%         0.4%         25.1%           New Zealand         0.1%         0.1%         0.14%         20.5%           Greece         0.0%         0.0%         9.0%         33.3%           Canada         70.7%         0.7%         0.7%         19.1%           Canada         70.7%         0.7%         19.1%           Canada         7.3%         <	Hong Kong	3.0%	2.1%	-4.6%	17.4%
Netherlands	0 0	2.8%	2.0%	-0.4%	15.5%
Singapore					
Singapore	Italy	2.0%	1.4%	1.4%	7.7%
Belgium         1.1%         0.8%         -3.7%         22.7%           Denmark         1.1%         0.8%         -3.8%         15.5%           Norway         0.8%         0.6%         -5.0%         9.7%           Finland         0.8%         0.6%         1.4%         30.8%           Israel         0.5%         0.4%         -4.2%         5.1%           Ireland         0.3%         0.2%         -3.6%         10.4%           Austria         0.3%         0.2%         -2.7%         18.6%           Portugal         0.2%         0.1%         0.4%         25.1%           New Zealand         0.1%         0.1%         0.4%         25.1%           New Zealand         0.1%         0.1%         -10.4%         20.5%           Greece         0.0%         0.0%         -9.0%         33.3%           Total EAFE Countries         100.0%         70.7%         -0.7%         19.1%           Canada         7.3%         -7.3%         4.6%           Total Developed Countries         78.0%         -1.4%         17.6%           China         4.0%         -6.5%         5.5%           Korea         3.2%         -1	Singapore				
Denmark         1.1%         0.8%         -3.8%         15.5%           Norway         0.8%         0.6%         -5.0%         9.7%           Finland         0.8%         0.6%         1.4%         30.8%           Israel         0.5%         0.4%         -4.2%         5.1%           Ireland         0.3%         0.2%         -3.6%         10.4%           Austria         0.3%         0.2%         -2.7%         18.6%           Portugal         0.2%         0.1%         0.4%         25.1%           New Zealand         0.1%         0.1%         -10.4%         20.5%           Greece         0.0%         0.0%         -9.0%         33.3%           Total EAFE Countries         100.0%         70.7%         -0.7%         19.1%           Canada         7.3%         -7.3%         4.6%           Total Developed Countries         78.0%         -1.4%         17.6%           China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Brazil         2.6%         1.6%         15.1%           Brazil         2.5%         1.72%         -10.9% <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Norway	o .		0.8%	-3.8%	15.5%
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Ireland	Israel				
Austria         0.3%         0.2%         -2.7%         18.6%           Portugal         0.2%         0.1%         0.4%         25.1%           New Zealand         0.1%         0.1%         -10.4%         20.5%           Greece         0.0%         0.0%         -9.0%         33.3%           Total EAFE Countries         100.0%         70.7%         -0.7%         19.1%           Canada         7.3%         -7.3%         4.6%         17.6%           Total Developed Countries         78.0%         -1.4%         17.6%           China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         8.3%         0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         <					
Portugal					
New Zealand         0.1%         0.1%         -10.4%         20.5%           Greece         0.0%         0.0%         -9.0%         33.3%           Total EAFE Countries         100.0%         70.7%         -0.7%         19.1%           Canada         7.3%         4.6%         7.3%         4.6%           Total Developed Countries         78.0%         -1.4%         17.6%           China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indiand         0.6%         -8.5%         18.7%           Trailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%	Portugal				
Greece         0.0%         0.0%         -9.0%         33.3%           Total EAFE Countries         100.0%         70.7%         -0.7%         19.1%           Canada         7.3%         -7.3%         4.6%           75.0%         -1.4%         17.6%           China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Malaysia         0.9%         6.2%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%	0				
Total EAFE Countries         100.0%         70.7%         -0.7%         19.1%           Canada         7.3%         -7.3%         4.6%           Total Developed Countries         78.0%         -1.4%         17.6%           China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -15.2%         17.5%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3% <t< td=""><td>Greece</td><td></td><td></td><td></td><td></td></t<>	Greece				
Canada         7.3%         -7.3%         4.6%           Total Developed Countries         78.0%         -1.4%         17.6%           China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -4.4%         7.0%           Colombia         0.3%         -14.3%         -6.6%	Total EAFE Countries	100.0%		-0.7%	
China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hun	Canada				
China         4.0%         -6.5%         5.5%           Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hun	Total Developed Countries		78.0%	-1.4%	17.6%
Korea         3.2%         -10.0%         0.4%           Taiwan         2.6%         1.6%         15.1%           Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         -9.7%         -11.9%			4.0%		
Brazil         2.5%         -17.2%         -10.9%           South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%	Korea		3.2%	-10.0%	0.4%
South Africa         1.6%         -7.3%         -4.3%           India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Taiwan		2.6%	1.6%	15.1%
India         1.5%         -5.6%         6.7%           Russia         1.3%         -8.3%         -0.4%           Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         -6.5%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Brazil		2.5%	-17.2%	-10.9%
Russia       1.3%       -8.3%       -0.4%         Mexico       1.2%       -11.2%       6.4%         Malaysia       0.9%       6.2%       15.0%         Indonesia       0.7%       -6.5%       15.3%         Thailand       0.6%       -8.5%       18.7%         Turkey       0.4%       -15.2%       17.5%         Chile       0.4%       -14.5%       -10.1%         Poland       0.3%       -4.4%       7.0%         Colombia       0.3%       -13.3%       -6.6%         Philippines       0.2%       -8.6%       26.7%         Peru       0.1%       -27.5%       -21.8%         Czech Republic       0.1%       -6.5%       -14.2%         Hungary       0.1%       13.2%       14.0%         Egypt       0.1%       -9.7%       -11.9%         Morocco       0.0%       -2.8%       -7.7%         Total Emerging Countries       22.0%       -8.0%       3.2%	South Africa		1.6%	-7.3%	-4.3%
Mexico         1.2%         -11.2%         6.4%           Malaysia         0.9%         6.2%         15.0%           Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	India		1.5%	-5.6%	6.7%
Malaysia       0.9%       6.2%       15.0%         Indonesia       0.7%       -6.5%       15.3%         Thailand       0.6%       -8.5%       18.7%         Turkey       0.4%       -15.2%       17.5%         Chile       0.4%       -14.5%       -10.1%         Poland       0.3%       -4.4%       7.0%         Colombia       0.3%       -13.3%       -6.6%         Philippines       0.2%       -8.6%       26.7%         Peru       0.1%       -27.5%       -21.8%         Czech Republic       0.1%       -6.5%       -14.2%         Hungary       0.1%       13.2%       14.0%         Egypt       0.1%       -9.7%       -11.9%         Morocco       0.0%       -2.8%       -7.7%         Total Emerging Countries       22.0%       -8.0%       3.2%	Russia		1.3%	-8.3%	-0.4%
Indonesia         0.7%         -6.5%         15.3%           Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Mexico		1.2%	-11.2%	6.4%
Thailand         0.6%         -8.5%         18.7%           Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Malaysia		0.9%	6.2%	15.0%
Turkey         0.4%         -15.2%         17.5%           Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Indonesia		0.7%	-6.5%	15.3%
Chile         0.4%         -14.5%         -10.1%           Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Thailand		0.6%	-8.5%	18.7%
Poland         0.3%         -4.4%         7.0%           Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Turkey		0.4%	-15.2%	17.5%
Colombia         0.3%         -13.3%         -6.6%           Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Chile		0.4%	-14.5%	-10.1%
Philippines         0.2%         -8.6%         26.7%           Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Poland		0.3%	-4.4%	7.0%
Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Colombia		0.3%	-13.3%	-6.6%
Peru         0.1%         -27.5%         -21.8%           Czech Republic         0.1%         -6.5%         -14.2%           Hungary         0.1%         13.2%         14.0%           Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%	Philippines		0.2%	-8.6%	26.7%
Hungary       0.1%       13.2%       14.0%         Egypt       0.1%       -9.7%       -11.9%         Morocco       0.0%       -2.8%       -7.7%         Total Emerging Countries       22.0%       -8.0%       3.2%			0.1%	-27.5%	-21.8%
Hungary       0.1%       13.2%       14.0%         Egypt       0.1%       -9.7%       -11.9%         Morocco       0.0%       -2.8%       -7.7%         Total Emerging Countries       22.0%       -8.0%       3.2%	Czech Republic		0.1%	-6.5%	-14.2%
Egypt         0.1%         -9.7%         -11.9%           Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%			0.1%	13.2%	14.0%
Morocco         0.0%         -2.8%         -7.7%           Total Emerging Countries         22.0%         -8.0%         3.2%					
Total Emerging Countries 22.0% -8.0% 3.2%					
	Total ACWIXUS Countries		100.0%	-2.9%	14.1%

Source: MSCI Global Index Monitor, Returns are gross



- Fixed income markets experienced broad declines in the second quarter of 2013. The sell-off was in response to comments from Fed Chairman Ben Bernanke that fueled speculation the FOMC will reduce or "taper" its bond purchases later in the year. The declines in the market were broad-based and covered all sectors and credit levels. As a result, global bonds, as measured by the Barclays Multiverse Index, fell 2.7%. Domestically, the Barclays Aggregate Bond Index fell 2.3%.
- Returns across investment grade sectors ranged from a 7.1% decline in U.S. TIPS to a more modest decline of 1.9% in the Treasury and securitized (MBS, ABS, CMBS) areas of the market.
- Within investment grade corporate bonds, performance across industry groups was strongest within financials as they outperformed industrials and utilities by 70 and 121 bps respectively.
- The trend of low quality bonds outperforming high quality reversed as losses increased down the investment grade credit spectrum. The only exception to the trend change was high yield, which exceeded all investment grade credit groups.
- Interest rates on longer-dated bonds rose dramatically during the period while rate increases in the shorter maturities were more muted. Along the Treasury curve, the 2- and 10-year Treasuries rose 11 and 65 bps respectively. As a result, the shorter-duration Barclays Intermediate Bond Index outperformed the longer-duration Aggregate Index by 50 bps.
- Over the past twelve months, corporate bonds have easily outpaced Treasury and mortgage securities, generating a positive return versus negative returns for the other sectors. Within corporate bonds, the strong credit rally in 2012 resulted in high yield being the big "winner" as the asset class bested investment grade credit by 810 bps (9.5% vs. 1.4%).
- International bonds, as measured by the Barclays Global Aggregate ex U.S., continued to sell off, falling 3.1% during the second quarter. The 3.1% drop marked the third consecutive quarter of negative returns for the benchmark. On a trailing one-year basis, international bonds lag their domestic counterparts by 260 bps (-3.4% vs. -0.7%).





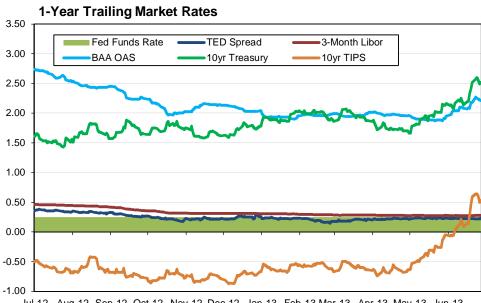


Source: Barclays Capital Live

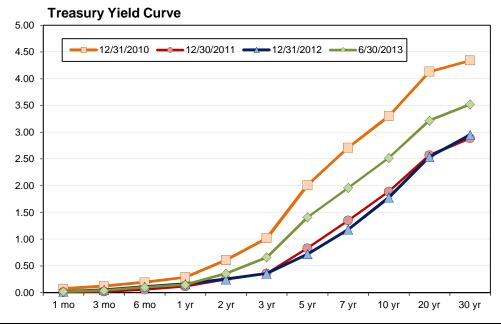
- During the second guarter of 2013, volatility in domestic bonds increased sharply resulting in a 2.3% decline in the Barclays Aggregate Index (the worst quarterly return since 2004). Despite somewhat disappointing economic news, the quarter began with the market rising 1.0% in April. The key driver of returns was a continuation of lower quality, longer-dated bonds leading the market. In May, mixed signals from Fed Chairman Ben Bernanke focused attention on a reduction ("tapering") of the central bank's asset purchases. As a result, bond markets reversed course resulting in a sharp rise in interest rates and a widening in spreads. On June 19, Chairman Bernanke released an optimistic statement on the U.S. economy which served to further heighten concern that the Fed would taper their asset purchases sooner than expected. Bernanke's comments served to increase the pressure on bond prices leading to a 1.6% decline during the month of May.
- Though rates rose sharply during the second quarter, the shift was uneven across the vield curve with short rates virtually unchanged and intermediate and long-dated bonds moving the most. The absolute change in yield levels is below-:

2-Year U.S. Treasury +11 bps 5-Year U.S. Treasury +64 bps 7-Year U.S. Treasury +72 bps 10-Year U.S. Treasury +65 bps

- For several quarters, investors have faced a market characterized by abnormally low yields and little income to cushion any measurable price decline. Those price declines, via higher rates, arrived in the second quarter. The result was a decline in the Barclays Aggregate Index not seen in almost ten years.
- Even though markets now offer yields higher than those of the past several quarters, the overall level of interest rate risk continues to be much higher than the potential return. Going forward, we believe volatility will likely persist. As painful as the second quarter was for many market participants. flat to negative returns could persist over the near-term.



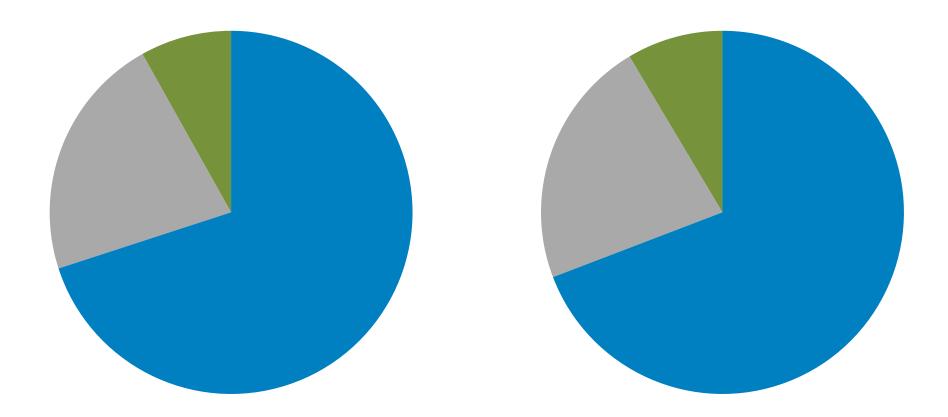
Jul-12 Aug-12 Sep-12 Oct-12 Nov-12 Dec-12 Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13





Asset Allocation By Segment as of March 31, 2013 : \$28,095,331

Asset Allocation By Segment as of June 30, 2013 : \$27,766,781

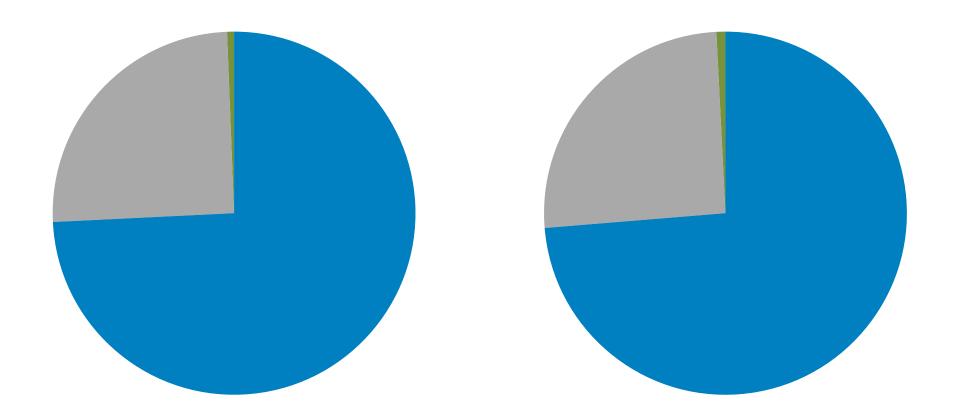


llocation			Allocation						
Segments	Market Value	Allocation	Segments	Market Value	Allocation				
■ Domestic Equity	19,665,691	70.0	Domestic Equity	19,212,222	69.2				
Domestic Fixed Income	6,145,478	21.9	Domestic Fixed Income	6,175,615	22.2				
Cash Equivalent	2,284,163	8.1	Cash Equivalent	2,378,944	8.6				



Asset Allocation By Manager as of March 31, 2013 : \$28,095,331

Asset Allocation By Manager as of June 30, 2013 : \$27,766,781

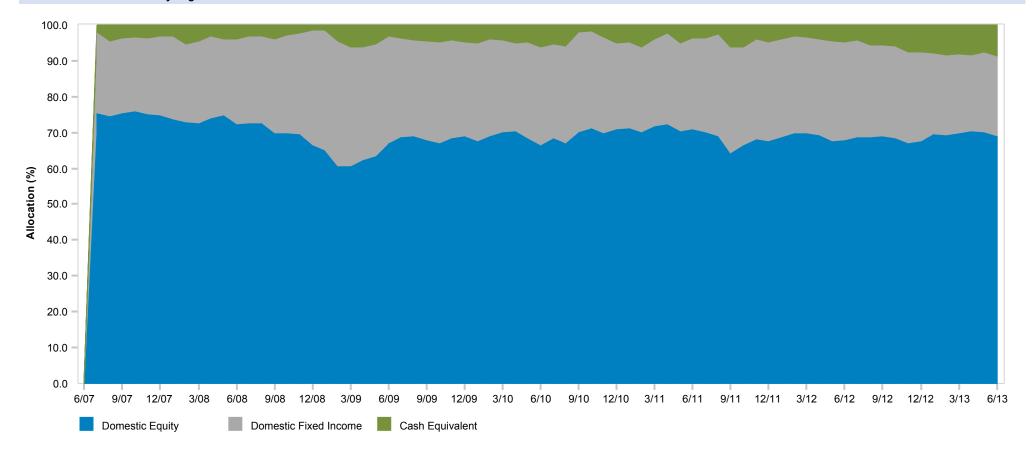


llocation					
	Market Value	Allocation		Market Value	Allocation
■ Bowen Hanes Balanced Portfolio	20,854,824	74.2	■ Bowen Hanes Balanced Portfolio	20,463,621	73.7
Rockwood Capital Balanced Portfolio	7,065,506	25.1	Rockwood Capital Balanced Portfolio	7,080,672	25.5
■ R&D Account	175,001	0.6	R&D Account	222,488	0.8



Asset Allocation Attributes										
	Jun-2012		Sep-2	Sep-2012		Dec-2012		013	Jun-2013	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Bowen Hanes Balanced Portfolio	18,522,084	73.99	19,642,226	74.49	19,658,924	74.40	20,854,824	74.23	20,463,621	73.70
Rockwood Balanced Portfolio	6,337,118	25.31	6,493,043	24.63	6,590,300	24.94	7,065,506	25.15	7,080,672	25.50
R&D Account	175,000	0.70	232,051	0.88	175,135	0.66	175,001	0.62	222,488	0.80
Total Fund	25,034,202	100.00	26,367,320	100.00	26,424,359	100.00	28,095,331	100.00	27,766,781	100.00

# **Historical Asset Allocation by Segment**





Financial Reconciliation Quarter	to Date								
	Market Value 04/01/2013	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2013
Bowen Hanes Balanced Portfolio	20,854,824	-49,957	-	-	-20,795	-590	148,066	-467,927	20,463,621
Rockwood Balanced Portfolio	7,065,506	-16,653	-	-	-8,832	-34	30,431	10,253	7,080,672
R&D Account	175,001	66,610	481,327	-479,860	-	-20,592	2	-	222,488
Total Fund	28,095,331	-	481,327	-479,860	-29,627	-21,215	178,500	-457,674	27,766,781

Financial Reconciliation Fiscal Yo								_	
	Market Value 10/01/2012	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2013
Bowen Hanes Balanced Portfolio	19,642,226	-75,459	-	-	-59,958	-590	383,506	573,897	20,463,621
Rockwood Balanced Portfolio	6,493,043	-25,154	-	-	-25,186	-34	105,154	532,849	7,080,672
R&D Account	232,051	100,613	1,391,603	-1,440,643	-	-61,141	6	-	222,488
Total Fund	26,367,320	-	1,391,603	-1,440,643	-85,144	-61,765	488,665	1,106,746	27,766,781



	QT	ъ	FY1	ח	1 Y	P	3 Y	P	5 \	/P	10	VP	Inception	Inceptior
		N		- D		Κ		Ν		- N		1 K	<u> </u>	Date
Total Fund (Net)	-1.10		5.73		11.21		11.36		4.09		7.33		9.03	08/01/1986
Total Fund Policy	0.09		7.16		12.28		11.75		5.76		6.23		8.58	
Total Fund (Gross)	-1.00	(85)	6.06	(70)	11.68	(59)	11.85	(34)	4.52	(84)	7.76	(18)	9.26 (12)	08/01/1986
Total Fund Policy	0.09	(44)	7.16	(52)	12.28	(48)	11.75	(37)	5.76	(37)	6.23	(73)	8.58 (53)	
All Public Plans-Total Fund Median	-0.03		7.21		12.16		11.38		5.43		6.89		8.65	
Total Domestic Equity	-0.77	(98)	9.63	(92)	17.55	(83)	15.74	(84)	5.12	(91)	9.61	(13)	11.26 (18)	08/01/1986
Total Equity Policy	1.40	(84)	12.48	(71)	19.81	(67)	15.89	(82)	5.63	(82)	6.92	(89)	9.62 (94)	
IM U.S. Large Cap Core Equity (SA+CF) Median	2.75		13.86		20.88		18.38		7.15		8.19		11.03	
Total Fixed Income	-2.05	(15)	-2.28	(80)	-0.99	(95)	3.89	(70)	4.14	(100)	3.76	(100)	6.45 (100)	03/01/1988
Total Fixed Income Policy	-2.32	(36)	-2.24	(76)	-0.69	(88)	3.78	(77)	5.23	(90)	4.40	(91)	6.85 (94)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-2.43		-1.85		0.21		4.22		5.94		4.94		7.25	
Bowen Hanes Balanced Portfolio	-1.54	(95)	4.85	(85)	11.38	(66)	10.86	(65)	4.27	(91)	7.63	(21)	9.21 (22)	08/01/1986
Total Bowen Policy	0.90	(8)	8.15	(24)	13.17	(28)	13.44	(5)	6.72	(12)	6.71	(58)	8.76 (45)	
All Public Plans-Total Fund Median	-0.03		7.21		12.16		11.38		5.43		6.89		8.65	
Bowen Hanes Equity	-1.65	(98)	7.53	(97)	16.53	(89)	13.91	(96)	4.39	(95)	9.23	(19)	11.12 (32)	08/01/1986
Russell 1000 Index	2.65	(54)	14.04	(46)	21.24	(47)	18.63	(43)	7.12	(53)	7.67	(69)	9.91 (93)	
IM U.S. Large Cap Core Equity (SA+CF) Median	2.75		13.86		20.88		18.38		7.15		8.19		11.03	
Bowen Hanes Fixed Income	-1.77	(4)	-2.15	(71)	-0.71	(88)	4.11	(58)	4.39	(100)	3.88	(99)	6.50 (99)	03/01/1988
Total Fixed Income Policy	-2.32	(36)	-2.24	(76)	-0.69	(88)	3.78	(77)	5.23	(90)	4.40	(91)	6.85 (94)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-2.43		-1.85		0.21		4.22		5.94		4.94		7.25	
Rockwood Balanced Portfolio	0.57	(23)	9.82	(4)	12.73	(38)	15.14	(1)	N/A		N/A		12.25 (1)	10/01/2009
Total Rockwood Policy	0.92	(8)	8.33	(19)	13.31	(27)	13.25	(6)	N/A		N/A		11.11 (6)	
All Public Plans-Total Fund Median	-0.03		7.21		12.16		11.38		5.43		6.89		9.38	
Rockwood Equity	2.07	(78)	16.68	(35)	20.89	(77)	21.95	(3)	N/A		N/A		16.80 (7)	10/01/2009
Russell 3000 Index	2.69	(59)	14.34	(76)	21.46	(71)	18.63	(50)	7.25	(65)	7.81	(73)	14.49 (53)	
IM U.S. All Cap Core Equity (SA+CF) Median	2.92		15.66		22.64		18.62		7.42		8.32		14.54	
Rockwood Fixed Income	-2.57	(76)	-2.51	(93)	-1.47	(99)	3.54	(90)	N/A		N/A		4.15 (94)	10/01/2009
Total Fixed Income Policy	-2.32	(36)	-2.24	(76)	-0.69	(88)	3.78	(77)	5.23	(90)	4.40	(91)	4.43 (85)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-2.43		-1.85		0.21		4.22		5.94		4.94		5.09	



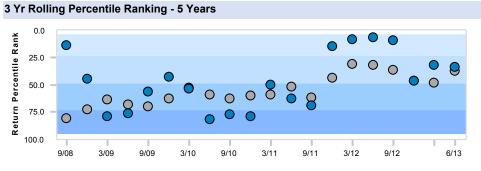
	Oct-20 To Sep-20		Oct-2 To Sep-2	)	Oct-2 To Sep-2	)	Oct-2 To Sep-2	)	Oct-20 To Sep-2		Oct-2006 To Sep-2007	Oct-2 To Sep-2	0	Oct-2 To Sep-2	)	Oct-2 To Sep-2	)	Oct-2 To Sep-2	0
Total Fund (Net)	18.57		-0.08		12.94		-3.43		-16.34		20.79	9.09		14.82		15.22		17.25	
Total Fund Policy	19.02		0.77		10.08		0.09		-13.98		12.73	7.88		10.14		10.09		18.39	
Total Fund (Gross)	19.06	(27)	0.34	(49)	13.39	(4)	-3.03	(90)	-16.01	(84)	21.27 (2)	9.43	(34)	15.30	(13)	15.68	(4)	17.73	(35)
Total Fund Policy	19.02	(28)	0.77	(40)	10.08	(47)	0.09	(66)	-13.98	(55)	12.73 (76)	7.88	(65)	10.14	(73)	10.09	(64)	18.39	(30)
All Public Plans-Total Fund Median	17.91		0.30		9.98		1.30		-13.67		14.39	8.63		12.35		11.09		16.48	
Total Domestic Equity	26.58	(72)	-1.95	(81)	15.54	(4)	-6.40	(57)	-20.99	(55)	28.49 (2)	11.60	(35)	20.08	(17)	21.49	(7)	23.84	(44)
Total Equity Policy	26.65	(71)	-2.04	(81)	10.75	(34)	-6.14	(54)	-22.10	(68)	16.90 (52)	10.25	(57)	14.26	(59)	13.90	(57)	25.14	(30)
IM U.S. Large Cap Core Equity	29.78		1.01		9.50		-5.81		-20.50		16.97	10.76		15.19		14.27		23.25	
Total Fixed Income	5.42	(86)	4.80	(75)	10.26	(23)	8.50	(92)	-1.34	(80)	2.48 (100)	3.14	(98)	3.34	(30)	4.04	(34)	8.65	(5)
Total Fixed Income Policy	5.16	(92)	5.26	(49)	8.73	(66)	11.46	(67)	2.41	(52)	5.08 (58)	3.33	(96)	2.56	(91)	3.35	(83)	6.51	(25)
IM U.S. Broad Market Core Fixed Income	6.61		5.26		9.27		12.33		2.56		5.14	3.85		3.14		3.80		5.75	
Bowen Hanes Balanced Portfolio	19.10	(27)	-0.09	(60)	12.69	(6)	-2.09	(85)	-16.01	(84)	21.27 (2)	9.43	(34)	15.30	(13)	15.68	(4)	17.73	(35)
Total Bowen Policy	21.06	(5)	2.69	(12)	10.08	(47)	0.09	(66)	-13.98	(55)	12.73 (76)	7.88	(65)	10.14	(73)	10.09	(64)	18.39	(30)
All Public Plans-Total Fund Median	17.91		0.30		9.98		1.30		-13.67		14.39	8.63		12.35		11.09		16.48	
Bowen Hanes Equity	25.68	(78)	-2.07	(81)	14.02	(9)	-5.84	(51)	-20.99	(55)	28.49 (2)	11.60	(35)	20.08	(17)	21.49	(7)	23.84	(44)
Russell 1000 Index	30.05	(47)	0.91	(53)	10.75	(34)	-6.14	(54)	-22.10	(68)	16.90 (52)	10.25	(57)	14.26	(59)	13.90	(57)	25.14	(30)
IM U.S. Large Cap Core Equity	29.78		1.01		9.50		-5.81		-20.50		16.97	10.76		15.19		14.27		23.25	
Bowen Hanes Fixed Income	5.72	(82)	4.72	(76)	11.03	(17)	8.64	(91)	-1.34	(80)	2.48 (100)	3.14	(98)	3.34	(30)	4.04	(34)	8.65	(5)
Total Fixed Income Policy	5.16	(92)	5.26	(49)	8.73	(66)	11.46	(67)	2.41	(52)	5.08 (58)	3.33	(96)	2.56	(91)	3.35	(83)	6.51	(25)
IM U.S. Broad Market Core Fixed Income	6.61		5.26		9.27		12.33		2.56		5.14	3.85		3.14		3.80		5.75	
Rockwood Balanced Portfolio	19.47	(21)	1.66	(25)	15.65	(1)	N/A		N/A		N/A	N/A		N/A		N/A		N/A	
Total Rockwood Policy	21.16	(4)	2.47	(14)	10.37	(40)	N/A		N/A		N/A	N/A		N/A		N/A		N/A	
All Public Plans-Total Fund Median	17.91		0.30		9.98		1.30		-13.67		14.39	8.63		12.35		11.09		16.48	
Rockwood Equity	29.61	(34)	-2.18	(78)	21.00	(1)	N/A		N/A		N/A	N/A		N/A		N/A		N/A	
Russell 3000 Index	30.20	(26)	0.55	(62)	10.96	(53)	-6.42	(61)	-21.52	(62)	16.52 (63)	10.22	(38)	14.57	(71)	14.26	(78)	25.92	(36)
IM U.S. All Cap Core Equity	26.72		0.96		11.05		-5.96		-21.14		17.43	9.19		17.25		16.21		25.15	
Rockwood Fixed Income	4.83	(97)	5.25	(51)	8.28	(83)	N/A		N/A		N/A	N/A		N/A		N/A		N/A	
Total Fixed Income Policy	5.16	(92)	5.26	(49)	8.73	(66)	11.46	(67)	2.41	(52)	5.08 (58)	3.33	(96)	2.56	(91)	3.35	(83)	6.51	(25)
IM U.S. Broad Market Core Fixed Income	6.61		5.26		9.27		12.33		2.56		5.14	3.85		3.14		3.80		5.75	







### 3 Yr Rolling Under/Over Performance - 5 Years 23.1 Total Fund (Gross) (%) Over 18.0 Performance 12.0 6.0 Under Performance -12.0 -6.0 -3.0 3.0 6.0 9.0 12.0 15.0 18.0 21.0 23.1 Total Fund Policy (%) Over Performance Under Performance X Latest Date Earliest Date



	Total Period		25-Median Count	Median-75 Count	75-95 Count		
<ul><li>Total Fund (Gross)</li></ul>	20	5 (25%)	6 (30%)	4 (20%)	5 (25%)		
<ul> <li>Total Fund Policy</li> </ul>	20	0 (0%)	7 (35%)	12 (60%)	1 (5%)		

### Peer Group Scattergram - 3 Years 11.92 $\bigcirc$ Return 11.40 9.00 9.20 9.40 9.60 9.80 10.00 10.20 10.40 10.60 Risk (Standard Deviation %) Standard Return Deviation Total Fund (Gross) 11.85 10.47

11.75

11.38

Peer Group	Scattergra	m - 5 Years					
6.00		0					
Seturn (5.00 =							
4.50							
	12.0	12.5	13.0	13.5	14.0	14.5	15.0 15.2
			Risk (Stand	lard Deviation %	6)		

	Return	Standard Deviation	
<ul><li>Total Fund (Gross)</li></ul>	4.52	14.75	
<ul><li>Total Fund Policy</li></ul>	5.76	12.57	
Median	5.43	12.01	

<b>Historical Statistics</b>	- 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Gross)	2.76	105.92	112.22	-0.95	0.08	1.12	1.10	5.99
<b>Total Fund Policy</b>	0.00	100.00	100.00	0.00	N/A	1.25	1.00	5.00

9.21

9.15

Historical Statistics	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Gross)	3.70	107.77	117.55	-1.78	-0.23	0.36	1.14	11.10
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.49	1.00	8.99



Total Fund Policy

\_\_ Median

### Plan Sponsor Peer Group Analysis - All Public Plans-Total Fund 17.68 26.00 16.00 23.00 20.00 14.00 0 17.00 0 0 14.00 12.00 0 11.00 10.00 8.00 0 5.00 0 8.00 Return 0 2.00 0 0 6.00 -1.00 0 -4.00 0 4.00 -7.00 2.00 -10.00 -13.00 0 0.00 0 -16.00 -2.00 -19.00 -22.00 -4.00 Oct-2009 Oct-2011 Oct-2010 Oct-2008 Oct-2007 To To Τo Τo To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2012 Sep-2011 Sep-2010 Sep-2009 Sep-2008 10.86 (65) Bowen Hanes (Gross) -1.54 (95) 4.85 (85) 11.38 (66) 4.27 (95) 12.54 (21) 4.27 (91) Bowen Hanes (Gross) 19.10 (27) 12.69 (6) -2.09 (85) -16.01 (84) -0.09 (60)Bowen Policy 0.90 (8) 8.15 (24) 13.17 (28) 13.36 (5) 6.72 (12) Bowen Policy 0.09 (66) -13.98 (55) 9.47 (1) 13.44 (5) 21.06 (5) 2.69 (12) 10.08 (47) Median -0.03 7.21 12.16 6.47 11.38 11.72 5.43 Median 17.91 0.30 9.98 1.30 .13.67 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending Ending **Ending Ending** Ending Mar-2013 Dec-2012 Sep-2012 Jun-2012 Mar-2012 Dec-2011 Bowen Hanes (Gross) 6.71 (10) -0.21 (97) 6.23 (2) -3.83 (97) 8.20 (47) 7.75 (7) **Bowen Policy** (6) 0.16 (95)4.64 (60)-1.26 (21)8.38 (42)8.10 (4) 7.01 All Public Plans-Total Fund Median 5.46 1.73 4.77 8.15 6.09 -1.95



Count

4 (20%)

1 (5%)

### 3 Yr Rolling Under/Over Performance - 5 Years % 23.1 18.0 c 12.0 6.0 0.0 0.0 -6.0 c -12.0 Over Performance 12.0 Under Performance -12.0 -6.0 -3.0 3.0 6.0 9.0 12.0 15.0 18.0 21.0 23.1 Bowen Policy (%) Over Performance Under Performance X Latest Date Earliest Date

### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 9/09 3/10 9/11 3/12 9/12 6/13 9/08 3/09 9/10 3/11 5-25 25-Median Median-75 75-95 **Total Period**

Count

5 (25%)

7 (35%)

20

20

Count

5 (25%)

2 (10%)

Count

6 (30%)

10 (50%)

Pee	r Gro	oup	Scat	tergram -	3 Years							
	13.91											
(%)	13.00	-		0								
Return	12.00	-										
œ	11.00	-										
			8.40	8.70	9.00	9.30	9.60	9.90	10.20	10.50	10.80	11.10
			0.40	0.70	3.00		Standard De		10.20	10.50	10.00	11.10

Peer Group	Scattergr	am - 5 Years	5					
7.00								
€ <sub>6.00</sub> –		0						
% 6.00 - 5.00 -								-
4.00							•	
4.00	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.3
			Risk (Star	ndard Deviation	າ %)			

	Return	Standard Deviation
Bowen Hanes (Gross)	10.86	10.76
<ul><li>Bowen Policy</li></ul>	13.44	8.64
Median	11.38	9.15

	Return	Standard Deviation
<ul><li>Bowen Hanes (Gross)</li></ul>	4.27	14.89
<ul> <li>Bowen Policy</li> </ul>	6.72	12.36
Median	5.43	12.01

Historical Statistics - 3	3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Bowen Hanes (Gross)	3.47	103.39	144.14	-4.57	-0.61	1.01	1.20	6.36
Bowen Policy	0.00	100.00	100.00	0.00	N/A	1.50	1.00	4.32

Bowen Hanes (Gross)

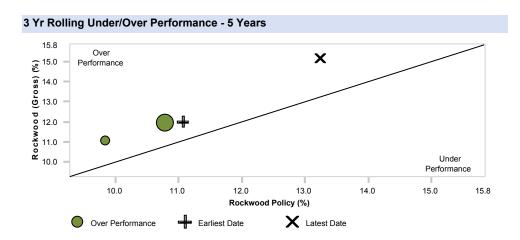
Bowen Policy

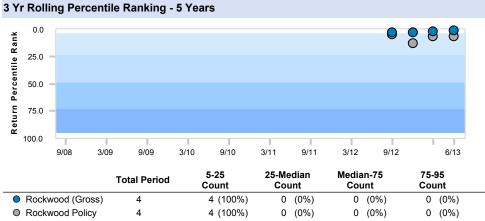
<b>Historical Statistics -</b>	5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Bowen Hanes (Gross)	4.11	107.03	125.75	-3.17	-0.48	0.34	1.17	11.21
Bowen Policy	0.00	100.00	100.00	0.00	N/A	0.57	1.00	8.77



### Plan Sponsor Peer Group Analysis - All Public Plans-Total Fund 17.68 26.00 16.00 23.00 20.00 14.00 0 17.00 14.00 12.00 11.00 0 10.00 8.00 0 0 5.00 8.00 Return 2.00 6.00 -1.00 -4.00 4.00 -7.00 2.00 -10.00 -13.00 0.00 -16.00 -2.00 -19.00 -22.00 -4.00 Oct-2011 Oct-2009 Oct-2008 Oct-2007 Oct-2010 To To To To To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2012 Sep-2011 Sep-2010 Sep-2009 Sep-2008 0.57 (23) 6.78 (42) Rockwood (Gross) 9.82 (4) 12.73 (38) 15.14 (1) N/A Rockwood (Gross) 19.47 (21) (25) N/A N/A N/A 1.66 15.65 (1) Rockwood Policy 0.92 (8) 8.33 (19) 13.31 (27) 13.25 (6) Rockwood Policy 21.16 (4) 2.47 (14) 10.37 (40) N/A 9.37 (1) N/A N/A N/A Median -0.03 7.21 12.16 6.47 11.38 11.72 5.43 Median 17.91 0.30 9.98 1.30 -13.67 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending Ending **Ending Ending** Ending Mar-2013 Dec-2012 Sep-2012 Jun-2012 Mar-2012 Dec-2011 Rockwood (Gross) 7.87 (1) 1.23 (70) 2.66 (98) 0.79 (2) 6.54 (88) 8.38 (2) Rockwood Policy (6) 0.24 (93)4.59 (64)-1.27 (22) 8.36 (43)8.28 (3) 7.08 All Public Plans-Total Fund Median 5.46 1.73 4.77 -1.95 8.15 6.09







# Peer Group Scattergram - 3 Years 15.60 14.30 11.70 8.40 8.70 9.00 9.30 9.60 9.90 10.20 10.50 10.80 11.02 Risk (Standard Deviation %)

0	5.46 =												
	5.32 =												
		10.8	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	13
						Ris	k (Stand	ard Dev	iation %)				
							(		,				
							turn		,			Standa Deviati	

N/A

5.43

Peer Group Scattergram - 5 Years

5.53

Rockwood Policy

\_\_ Median

	Return	Standard Deviation
<ul><li>Rockwood (Gross)</li></ul>	15.14	10.62
<ul> <li>Rockwood Policy</li> </ul>	13.25	8.67
Median	11.38	9.15

<b>Historical Statistics</b>	s - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rockwood (Gross)	3.83	113.75	112.42	-0.10	0.49	1.38	1.15	5.45
Rockwood Policy	0.00	100.00	100.00	0.00	N/A	1.47	1.00	4.44

<b>Historical Statistics</b>	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rockwood (Gross)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rockwood Policy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

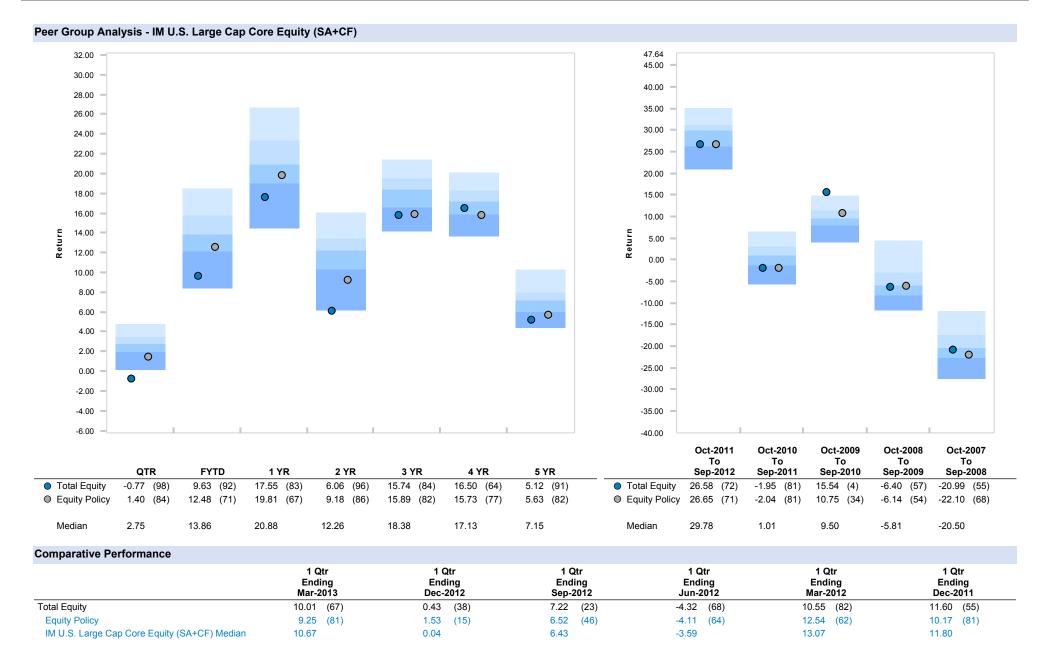


13.0

N/A

12.01

13.2



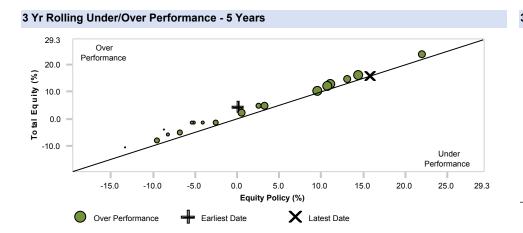


75-95

Count

1 (5%)

1 (5%)



# 3 Yr Rolling Percentile Ranking - 5 Years 25.0 50.0 75.0 9/08 3/09 9/09 3/10 9/10 3/11 9/11 3/12 9/12 6/13

25-Median

Count

13 (65%)

0 (0%)

Median-75

Count

2 (10%)

19 (95%)

5-25

Count

4 (20%)

0 (0%)

**Total Period** 

20

20

Total Equity

Equity Policy

Peer	Gro	up Sca	ttergram	- 3 Years							
18	8.77										
(%) 18	8.00	-									
Return	7.00	-									
1	6.00	-	•								
		15.60	15.90	16.20	16.50	16.80	17.10	17.40	17.70	18.00	18.30
					Risk (S	Standard De	viation %)				

Peer Group	Scatterg	ram - 5 Yea	ars					
7.46 7.00								
8 eturn 6.30 =								
4.90			0					
	21.00	21.30	21.60	21.90	22.20	22.50	22.80	23.07
			Risk (S	tandard Deviat	tion %)			

	Return	Standard Deviation
<ul><li>Total Equity</li></ul>	15.74	17.90
<ul> <li>Equity Policy</li> </ul>	15.89	15.86
Median	18.38	15.84

	Return	Standard Deviation
<ul><li>Total Equity</li></ul>	5.12	22.81
<ul><li>Equity Policy</li></ul>	5.63	21.49
Median	7.15	21.07

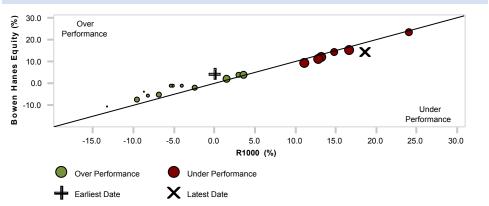
Historical Statistic	cs - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Equity	3.71	98.87	97.74	-0.22	-0.01	1.04	1.01	8.87
Equity Policy	0.00	100.00	100.00	0.00	N/A	1.09	1.00	8.32
Historical Statistic	cs - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Equity	4.61	98.61	99.82	-0.38	-0.08	0.34	1.00	14.19
Equity Policy	0.00	100.00	100.00	0.00	N/A	0.37	1.00	13.76



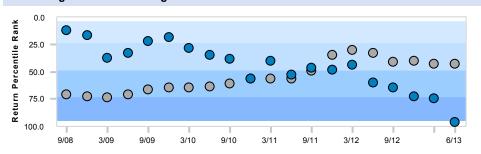
### Peer Group Analysis - IM U.S. Large Cap Core Equity (SA+CF) 47.64 32.00 45.00 30.00 40.00 28.00 35.00 26.00 30.00 0 24.00 0 25.00 22.00 0 20.00 20.00 0 18.00 0 15.00 0 16.00 0 10.00 0 14.00 Return 5.00 0 12.00 0 0.00 10.00 0 -5.00 00 8.00 0 -10.00 6.00 4.00 -15.00 0 2.00 -20.00 00 0.00 -25.00 -2.00 -30.00 -4.00 -35.00 -6.00 -40.00 Oct-2011 Oct-2008 Oct-2007 Oct-2010 Oct-2009 Τo Τo To To To QTR FYTD 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2012 Sep-2011 Sep-2010 Sep-2009 Sep-2008 Bowen Hanes Equity -1.65 (98) 7.53 (97) 16.53 (89) 5.32 (97) 13.91 (96) 15.49 (78) 4.39 (95) O Bowen Hanes Equity 25.68 (78) -2.07 14.02 (9) -5.84 (51) -20.99 (55) (81) R1000 7.12 (53) R1000 2.65 (54) 14.04 (46) 21.24 (47) 12.49 (47) 18.63 (43) 17.77 (37) 30.05 (47) 0.91 (53) 10.75 (34) -6.14 (54) -22.10 (68) 2.75 13.86 20.88 12.26 18.38 7.15 29.78 1.01 9.50 -20.50 Median 17.13 Median -5.81 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending Ending **Ending Ending Ending** Mar-2013 Dec-2012 Sep-2012 Jun-2012 Mar-2012 Dec-2011 Bowen Hanes Equity 9.34 (80) 0.00 (53) 8.37 -5.73 (88) 10.71 (82) 11.12 (69) R1000 0.12 (47)(55)(36)(53)11.84 (48)10.96 (41)6.31 -3.12 12.90 IM U.S. Large Cap Core Equity (SA+CF) Median 10.67 0.04 6.43 -3.59 13.07 11.80



# 3 Yr Rolling Under/Over Performance - 5 Years



## 3 Yr Rolling Percentile Ranking - 5 Years



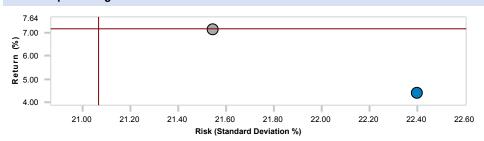
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul> <li>Bowen Hanes Equity</li> </ul>	20	4 (20%)	9 (45%)	6 (30%)	1 (5%)	
O R1000	20	0 (0%)	8 (40%)	12 (60%)	0 (0%)	

### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
<ul><li>Bowen Hanes Equity</li></ul>	13.91	17.24
O R1000	18.63	15.65
Median	18.38	15.84

### Peer Group Scattergram - 5 Years



Return	Standard Deviation
4.39	22.40
7.12	21.54
7.15	21.07
	4.39 7.12

### **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Bowen Hanes Equity	4.23	93.45	118.58	-4.63	-0.93	0.95	1.04	8.96
R1000	0.00	100.00	100.00	0.00	N/A	1.32	1.00	7.32

### **Historical Statistics - 5 Years**

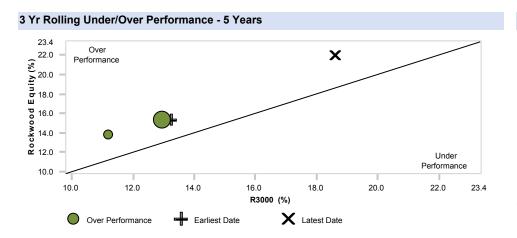
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Bowen Hanes Equity	4.95	94.83	104.35	-2.43	-0.50	0.31	1.00	14.12
R1000	0.00	100.00	100.00	0.00	N/A	0.45	1.00	13.42



Standard







### 3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 0000000000 75.0 100.0 3/10 3/12 9/12 6/13 9/08 3/09 9/09 9/10 3/11 9/11 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count Rockwood Equity 4 4 (100%) 0 (0%) 0 (0%) 0 (0%) R3000 20 0 (0%) 6 (30%) 14 (70%) 0 (0%)



_						
7.44 —						
% 7.38 = 7.32 =						
7.26	0					
	21.80	21.90	22.00	22.10	22.20	22.30
		R	tisk (Standard Devi	ation %)		

Return	Deviation
21.95	21.57
18.63	16.01
18.62	16.63
	21.95 18.63

	Return	Standard Deviation
<ul> <li>Rockwood Equity</li> </ul>	N/A	N/A
○ R3000	7.25	21.81
Median	7.42	22.25

Historical Statistic	s - 3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rockwood Equity	6.24	115.70	111.55	0.16	0.53	1.23	1.17	9.34
R3000	0.00	100.00	100.00	0.00	N/A	1.29	1.00	7.56
Historical Statistic	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk

Peer Group Scattergram - 5 Years

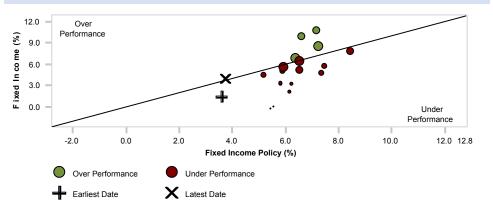
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rockwood Equity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R3000	0.00	100.00	100.00	0.00	N/A	0.45	1.00	13.66



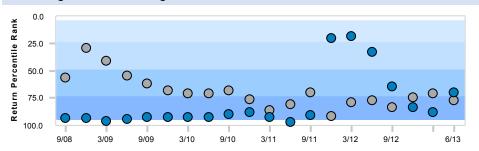
### Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 10.69 22.00 10.00 20.00 9.00 18.00 8.00 16.00 7.00 14.00 0 6.00 12.00 0 0 0 5.00 10.00 0 $\circ$ 4.00 0 0 8.00 Return Return 3.00 6.00 00 00 2.00 4.00 0 1.00 2.00 0.00 0.00 00 0 -1.00 -2.00 -4.00 -2.00 0 0 0 -6.00 -3.00 -8.00 -4.00 -10.00 -5.00 Oct-2010 Oct-2008 Oct-2009 Oct-2007 Oct-2011 То Τo To To To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2012 Sep-2011 Sep-2010 Sep-2009 Sep-2008 Fixed Income -2.05 (15) -2.28 (80) -0.99 (95) 2.61 (100) 3.89 (70) 6.02 (50) 4.14 (100) Fixed Income 5.42 (86) 10.26 (23)8.50 -1.34 (80) 4.80 (75) Fixed Income Policy -2.32 (36) -2.24 (76) 3.78 (77) 5.23 (90) Fixed Income Policy 8.73 (66) -0.69 (88) 3.31 (91) 5.22 (83) 5.16 (92) 5.26 (49) 11.46 (67) 2.41 (52) -2.43 -1.85 0.21 3.97 4.22 6.00 5.94 6.61 5.26 9.27 12.33 2.56 Median Median **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending Ending** Ending **Ending** Ending **Ending** Mar-2013 Dec-2012 Sep-2012 Jun-2012 Mar-2012 Dec-2011 Fixed Income 0.06 (58) -0.30 (100) 1.32 (97) 1.28 (99) 1.99 (8) 0.73 (99) Fixed Income Policy 0.21 (83) 1.58 (91)2.06 (68)0.30 (90)(73)-0.12 (87) 1.12 IM U.S. Broad Market Core Fixed Income (SA+CF) Median 0.46 1.27 0.09 2.15 2.16 1.03



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

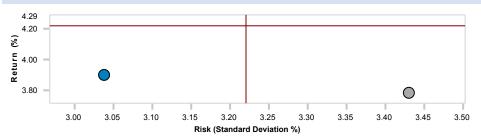


# 3 Yr Rolling Percentile Ranking - 5 Years



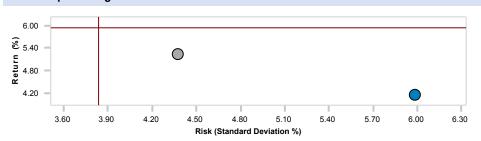
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>Fixed Income</li></ul>	20	2 (10%)	1 (5%)	2 (10%)	15 (75%)	
Fixed Income Po	olicy 20	0 (0%)	2 (10%)	10 (50%)	8 (40%)	

# Peer Group Scattergram - 3 Years



	Return	Standard Deviation
<ul><li>Fixed Income</li></ul>	3.89	3.04
<ul> <li>Fixed Income Policy</li> </ul>	3.78	3.43
Median	4.22	3.22

### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
<ul><li>Fixed Income</li></ul>	4.14	5.99
<ul> <li>Fixed Income Policy</li> </ul>	5.23	4.38
Median	5.94	3.84

### **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fixed Income	1.61	88.38	64.59	1.13	0.06	1.48	0.73	1.38
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	1.26	1.00	1.63

### **Historical Statistics - 5 Years**

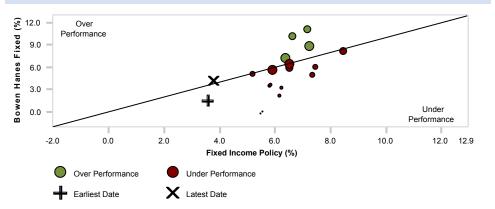
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fixed Income	6.57	115.84	164.01	-2.47	-0.11	0.48	1.34	6.47
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	1.12	1.00	2.32



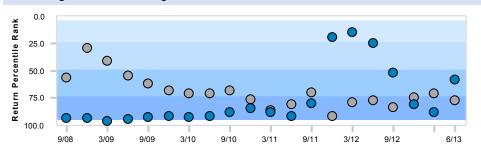
### Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 10.69 22.00 10.00 20.00 9.00 18.00 8.00 16.00 7.00 14.00 6.00 12.00 0 0 5.00 10.00 0 4.00 0 8.00 Return Return 3.00 6.00 00 00 2.00 4.00 0 1.00 2.00 0.00 0.00 0 0 0 -1.00 -2.00 -4.00 -2.00 0 0 0 -6.00 -3.00 -8.00 -4.00 -10.00 -5.00 Oct-2011 Oct-2008 Oct-2010 Oct-2009 Oct-2007 То To To Τo To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2012 Sep-2011 Sep-2010 Sep-2009 Sep-2008 -1.77 (4) Bowen Hanes Fixed -2.15 (71) -0.71 (88) 2.25 (100) 4.11 (58) 6.33 (39) 4.39 (100) Bowen Hanes Fixed 5.72 (82) 4.72 (76) 11.03 8.64 -1.34 (80) (17) Fixed Income Policy -2.32 (36) -2.24 (76) 5.23 (90) Fixed Income Policy 5.16 (92) 2.41 (52) -0.69 (88) 3.31 (91) 3.78 (77) 5.22 (83) 5.26 (49) 8.73 (66) 11.46 (67) -2.43 -1.85 0.21 3.97 4.22 6.00 5.94 6.61 5.26 9.27 12.33 2.56 Median Median **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending Ending Ending** Ending **Ending** Ending Mar-2013 Dec-2012 Sep-2012 Jun-2012 Mar-2012 Dec-2011 Bowen Hanes Fixed 0.06 (57) -0.45 (100) 1.47 (95) 1.13 (100) 2.53 (5) 0.49 (99) Fixed Income Policy 0.21 (83) (91)2.06 (68)0.30 (90)(73)-0.12 (87) 1.58 1.12 IM U.S. Broad Market Core Fixed Income (SA+CF) Median 0.46 1.03 0.09 2.15 2.16 1.27



# 3 Yr Rolling Under/Over Performance - 5 Years

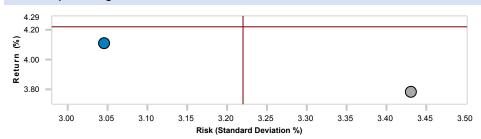


# 3 Yr Rolling Percentile Ranking - 5 Years



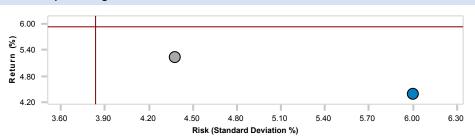
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul><li>Bowen Hanes Fixed</li></ul>	20	3 (15%)	0 (0%)	2 (10%)	15 (75%)	
<ul> <li>Fixed Income Policy</li> </ul>	20	0 (0%)	2 (10%)	10 (50%)	8 (40%)	

### Peer Group Scattergram - 3 Years



	Return	Standard Deviation
<ul> <li>Bowen Hanes Fixed</li> </ul>	4.11	3.05
<ul> <li>Fixed Income Policy</li> </ul>	3.78	3.43
Median	4.22	3.22

### Peer Group Scattergram - 5 Years



	Return	Standard Deviation
<ul><li>Bowen Hanes Fixed</li></ul>	4.39	6.01
<ul> <li>Fixed Income Policy</li> </ul>	5.23	4.38
Median	5.94	3.84

### **Historical Statistics - 3 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Bowen Hanes Fixed	2.33	83.41	42.07	1.91	0.13	1.53	0.58	1.33
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	1.26	1.00	1.63

### **Historical Statistics - 5 Years**

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Bowen Hanes Fixed	6.73	114.01	152.06	-1.98	-0.08	0.50	1.29	6.46
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	1.12	1.00	2.32



### Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 10.69 22.00 10.00 20.00 9.00 18.00 8.00 16.00 7.00 14.00 6.00 12.00 0 0 0 5.00 10.00 00 4.00 0 8.00 Return Return 3.00 6.00 00 2.00 4.00 0 1.00 2.00 0.00 0.00 0 -1.00 -2.00 -4.00 -2.00 0 0 -6.00 -3.00 -8.00 -4.00 -10.00 -5.00 Oct-2010 Oct-2008 Oct-2009 Oct-2007 Oct-2011 То Τo To To To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2012 Sep-2011 Sep-2010 Sep-2009 Sep-2008 -2.57 (76) Rockwood Fixed -2.51 (93) -1.47 (99) 3.42 (85) 3.54 (90) N/A N/A Rockwood Fixed 4.83 (97) 5.25 (51) 8.28 (83)N/A N/A Fixed Income Policy -2.32 (36) -2.24 (76) 3.78 (77) Fixed Income Policy -0.69 (88) 3.31 (91) 5.22 (83) 5.23 (90) 5.16 (92) 5.26 (49) 8.73 (66) 11.46 (67) 2.41 (52) -2.43 -1.85 0.21 3.97 4.22 6.00 5.94 6.61 5.26 9.27 12.33 2.56 Median Median **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending Ending** Ending **Ending** Ending Ending Mar-2013 Dec-2012 Sep-2012 Jun-2012 Mar-2012 Dec-2011 Rockwood Fixed 0.03 (62) 0.03 (96) 1.07 (99) 1.63 (96)0.75 (66) 1.31 (45)Fixed Income Policy -0.12 (87) (83)1.58 (91) 2.06 (68)0.30 (90)1.12 (73) 0.21 IM U.S. Broad Market Core Fixed Income (SA+CF) Median 0.46 1.03 0.09 2.15 2.16 1.27



# 7.0 Over Performance - 5 Years Over Performance Over Performance Outer Performance Ou

Fixed Income Policy (%)

Earliest Date

Under Performance

X Latest Date

### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 0 50.0 00000 75.0 100.0 9/10 9/11 9/12 6/13 9/08 3/09 9/09 3/10 3/11 3/12

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Rockwood Fixed	4	0 (0%)	0 (0%)	0 (0%)	4 (100%)
Fixed Income Policy	20	0 (0%)	2 (10%)	10 (50%)	8 (40%)

### Peer Group Scattergram - 3 Years 4.32 4.20 % 3.60 3.60 0 3.60 3.15 3.20 3.25 3.30 3.35 3.40 3.45 3.50 3.55 3.65 3.70 3.75 3.79 Risk (Standard Deviation %)

Peer Gro	up Scatte	rgram - 5 Yea	ars					
6.00								
S 5.70 -								
t l								
<b>5</b> .40 –								
							$\circ$	
	0.00	1	100		100	100	1 10	
	3.80	3.90	4.00	4.10	4.20	4.30	4.40	4.46
			Risk (S	tandard Deviatio	on %)			

	Return	Standard Deviation
<ul> <li>Rockwood Fixed</li> </ul>	3.54	3.71
<ul> <li>Fixed Income Policy</li> </ul>	3.78	3.43
Median	4.22	3.22

	Return	Standard Deviation
<ul> <li>Rockwood Fixed</li> </ul>	N/A	N/A
<ul> <li>Fixed Income Policy</li> </ul>	5.23	4.38
Median	5.94	3.84

Historical Statistics -	3 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rockwood Fixed	0.84	100.77	112.11	-0.41	-0.27	1.09	1.05	1.77
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	1.26	1.00	1.63

Historical Statistics -	5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rockwood Fixed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	1.12	1.00	2.32



Total Fund Policy			
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Aug-1986		Jan-1999	
Citigroup 3 Month T-Bill Index	55.00	Russell 1000 Index	60.00
Russell 1000 Index	45.00	Barclays U.S. Government/Credit	35.00
		Citigroup 3 Month T-Bill Index	5.00
Jan-1988			
Russell 1000 Index	50.00	Apr-2000	
Barclays U.S. Government/Credit	45.00	Russell 1000 Index	65.00
Citigroup 3 Month T-Bill Index	5.00	Barclays U.S. Government/Credit	30.00
Jul-1989		Citigroup 3 Month T-Bill Index	5.00
Russell 1000 Index	55.00	Oct-2010	
Barclays U.S. Government/Credit	40.00	Russell 3000 Index	50.00
Citigroup 3 Month T-Bill Index	5.00	MSCI AC World ex USA	15.00
Chigroup 3 Month 1-Bill Index	3.00	Barclays Aggregate Index	35.00
Jul-1990		burolayo riggi egale maex	00.00
Russell 1000 Index	60.00		
Barclays U.S. Government/Credit	35.00		
Citigroup 3 Month T-Bill Index	5.00		
Jul-1991			
Russell 1000 Index	55.00		
Barclays U.S. Government/Credit	20.00		
Citigroup 3 Month T-Bill Index	25.00		
Jan-1993			
Russell 1000 Index	45.00		
Barclays U.S. Government/Credit	15.00		
Citigroup 3 Month T-Bill Index	40.00		
Apr-1994			
Russell 1000 Index	50.00		
Barclays U.S. Government/Credit	35.00		
Citigroup 3 Month T-Bill Index	15.00		
Apr-1995			
Russell 1000 Index	65.00		
Barclays U.S. Government/Credit	25.00		
Citigroup 3 Month T-Bill Index	10.00		
Jul-1996			
Russell 1000 Index	70.00		
Barclays U.S. Government/Credit	25.00		
Citigroup 3 Month T-Bill Index	5.00		



Total Rockwood Policy		
Allocation Mandate	Weight (%)	
Oct-2009		
Russell 3000 Index	60.00	
Barclays Aggregate Index	40.00	
Oct-2010		
Russell 3000 Index	65.00	
Barclays Aggregate Index	35.00	

Total Equity Policy		
Allocation Mandate	Weight (%)	
Aug-1986		
Russell 1000 Index	100.00	
Oct-2010		
Russell 3000 Index	77.00	
MSCI AC World ex USA	23.00	

Total Fixed Income Policy		
Allocation Mandate	Weight (%)	
Jan-1973		
Barclays U.S. Government/Credit	100.00	
Oct-2010		
Barclays Aggregate Index	100.00	



# **City of Venice Municipal Police Officers' Pension Trust Fund**

# Compliance Checklist as of June 30, 2013

То	tal Fund Compliance:	Yes	No	N/A
1.	The Total Plan return equaled or exceeded the total plan benchmark over the trailing three year period.	✓		
2.	The Total Plan return equaled or exceeded the total plan benchmark over the trailing five year period.		✓	
3.	The Total Plan return ranked within the top 40th percentile of its peer group over the trailing three year period.	✓		
4.	The Total Plan return ranked within the top 40th percentile of its peer group over the trailing five year period.		✓	
5.	The Total Plan return equaled or exceeded the 8% actuarial earnings assumption over the trailing three year period.	✓		
6.	The Total Plan return equaled or exceeded the 8% actuarial earnings assumption over the trailing five year period.		✓	

Equity Compliance:	Yes No N/A
1. Total domestic equity returns meet or exceed the benchmark over the trailing three and five year periods.	✓
2. Total domestic equity returns ranked within the top 40th percentile of its peer group over the trailing three year period.	✓
3. Total domestic equity returns ranked within the top 40th percentile of its peer group over the trailing five year period.	✓
4. The total equity allocation was less than 70% of the total plan assets at market.	✓
6. The total equity allocation was less than 65% of the total plan assets at cost.	✓
7. Total foreign equity was less than 25% of the total plan assets at market.	✓

F	ixed Income Compliance:	Yes	No	N/A
1.	Total fixed income returns meet or exceed the benchmark over the trailing three and five year periods.		✓	
2.	Total fixed income returns ranked within the top 40th percentile of its peer group over the trailing three year period.		✓	
3.	Total fixed income returns ranked within the top 40th percentile of its peer group over the trailing five year period.		✓	
4.	All investments have a minimum rating of investment grade or higher.			✓
5.	The total fixed income portfolio duration fell within a band of +/- 25% of the target index.			✓
6.	No more than 25% of the fixed income portfolio was rated below BBB/Baa.			✓

Manager Compliance:	BH-EQ		BH-FX		RW-E	Q	RW-	-FX			
	Yes No	N/A	Yes No	N/A	Yes N	lo N/A	Yes	No	N/A	Yes No	N/A
1. Manager outperformed the index over the trailing three and five year periods.	✓		✓			✓		✓			
2. Manager ranked within the top 40th percentile over trailing three year period.	✓		✓		✓			✓			
3. Manager ranked within the top 40th percentile over trailing five year period.	✓		✓			✓			✓		
4. Less than four consecutive quarters of under performance relative to the benchmark.	✓		✓		✓		✓				
5. Three and five year down-market capture ratio less than the index.	✓		✓		,	/		✓			
6. Manager reports compliance with PFIA.	✓		✓		<b>√</b>		1				



The Bogdahn Group compiled this report for the sole use of the client for which it was prepared. The Bogdahn Group 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. The Bogdahn group uses the results from this evaluation to make observations and recommendations to the client.

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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# Return - Compounded rate of return for the period. 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. **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. 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. 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. **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. 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. **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. 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. 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. **Excess Return** - Arithmetic difference between the manager's performance and the risk-free return over a specified time period. **Active Return** - Arithmetic difference between the manager's performance and the designated benchmark 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. **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.

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

**Down Market Capture** 



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