Palm Beach Gardens Police

Investment Performance Review Period Ended June 30, 2016



simplifying your investment and fiduciary decisions

WWW.BOGDAHNGROUP.COM

Table Of Contents

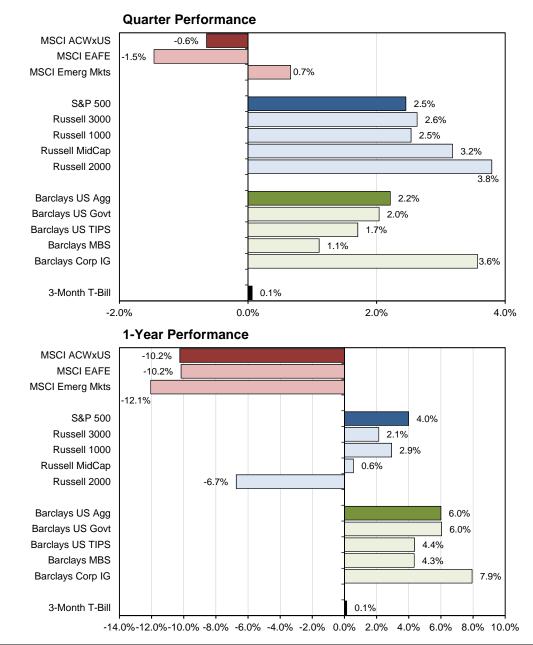
1	Market Environment	Page 1
2	Compliance Report	Page 10
3	Asset Allocation Compliance	Page 11
4	Asset Allocation Pie Chart	Page 13
5	Asset Allocation & Performance Trailing Periods (gross)	Page 15
6	Asset Allocation & Performance Trailing Periods (net)	Page 17
7	Asset Allocation & Performance Fiscal Year Periods (gross)	Page 19
8	Asset Allocation & Performance Fiscal Year Periods (net)	Page 21
9	Historical Rolling Performance Total Fund	Page 23
10	Historical Rolling Performance Total Fund Policy	Page 24
11	Total Fund Composite Returns Based Analysis	Page 25
12	Rhumbline S&P 500 Equity Returns Based Analysis	Page 28
13	Rhumbline S&P 400 Equity Returns Based Analysis	Page 31
14	Rhumbline S&P 600 Equity Returns Based Analysis	Page 34
15	Highland Capital Equity Returns Based Analysis	Page 37
16	Vanguard International Equity Returns Based Analysis	Page 40
17	Highland Capital Fixed Income Returns Based Analysis	Page 42
18	Oppenheimer International Fixed Income Returns Based Analysis	Page 45
19	American Realty Returns Based Analysis	Page 47
20	Benchmark History	Page 49
21	Vanguard International Value Performance Review	Page 51
22	Vanguard International Growth Performance Review	Page 53
23	Vanguard International Global Equity Performance Review	Page 55
24	Dreyfus International Bond A Performance Review	Page 57
25	Oppenheimer International Bond A Performance Review	Page 59
26	TBG Info	Page 61
27	Definitions & Disclosure Pages	Page 63



2nd Quarter 2016 Market Environment

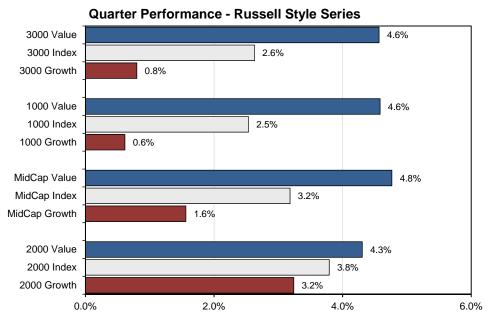


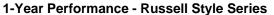
- The 2nd quarter of 2016 was very volatile as financial market returns were influenced by central bank policy expectations, rising commodity prices, mixed economic data, and increased global political and economic uncertainty caused by the U.K.'s June vote to discontinue its membership in the European Union (EU). Despite this volatility, asset class results for the period were broadly positive with the exception of international developed market returns. Higher risk assets, such as small cap equities, emerging market stocks, and investment grade and high yield corporate bonds, posted the strongest returns throughout the quarter.
- Led by the small cap Russell 2000's return of 3.8%, U.S. stock market indices were positive for the 2nd quarter. In contrast, for the 1-year period, domestic large cap stock indices were the best performers, posting moderate gains, while domestic small cap indices posted negative returns. Broad international equity indices trailed domestic stock indices through both the quarter and prior year. In U.S. Dollar (USD) terms, returns for the MSCI Emerging Markets Index (net) were marginally positive for the quarter returning 0.7% while developed market equities, represented by the MSCI EAFE Index (net), returned -1.5%. Both indices have experienced double digit losses over the 1-year period, returning -12.1% and -10.2% respectively..
- The U.S. Treasury yield curve flattened throughout the 2nd quarter with near-term rates staying relatively flat and rates at the medium to long end of the yield curve falling near all-time lows. Despite their low yields, investment grade bonds have outperformed broad domestic and international equity indices over the past twelve months with the Barclays Aggregate Index returning 2.2% for the 2nd quarter and 6.0% for the trailing 1-year period. Investment grade corporate bonds outperformed the remaining investment grade sectors for both the quarter and 1-year period with the Barclays U.S. Corporate Investment Grade Index returning 3.6% and 7.9% respectively. Corporate issues experienced tailwinds from their higher durations relative to other areas of the fixed income market, as well as tightening credit spreads.

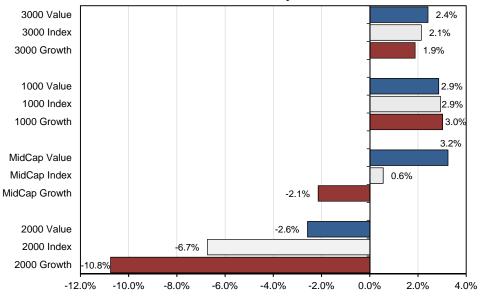


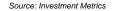


- U.S. equity index returns were positive across the capitalization spectrum during the 2nd quarter. Domestic stock prices increased through April and May, fueled by largely supportive macroeconomic data suggesting that the economic weakness experienced at the beginning of the year had been transitory. The strength in economic data led market participants to consider an increased probability for the U.S. Federal Reserve (Fed) to tighten monetary policy by increasing short-term interest rates as early as June. However, forecasts surrounding the timing of future Fed rate hikes were pushed out after the release of May's non-farm payroll report, which came in much weaker than expected. The possibility of a near-term rate increase became even more remote near the end of the quarter when the U.K. unexpectedly voted to exit the EU, creating political and economic uncertainty throughout global financial markets. Demand for equities remains high as investors struggle to find other sources of portfolio return in the current low interest rate environment.
- Value stocks outperformed growth stocks across the capitalization spectrum for the second straight quarter. This value outperformance was generally due to investors seeking the perceived safety of value stocks given valuation levels and the volatility experienced throughout the period. Value indices were also beneficiaries of rising oil and natural gas prices as value-based benchmarks have higher allocations to the Energy sector. Mid cap value stocks were the best performers across the value spectrum, returning 4.8% during the period, followed by large cap value (4.6%) and small cap value (4.3%) stocks respectively. However, across the growth spectrum, small cap growth stocks (3.2%) were the best performers followed by mid cap growth stocks (1.6%). The Russell 1000 Growth Index, representing large cap stocks, had the weakest performance returning 0.6% for the quarter. Style trends are mixed over the 1-year period. The Russell Midcap Value Index was the best performer (-10.8%).
- From a valuation perspective, equity valuations appear stretched relative to historical levels based on their forward Price/Earnings ratios (P/E). The large growth, mid growth, and small value indices have valuation levels close to their respective historical average, while the remaining indices fall between 106% and 114% of their 15-year averages.

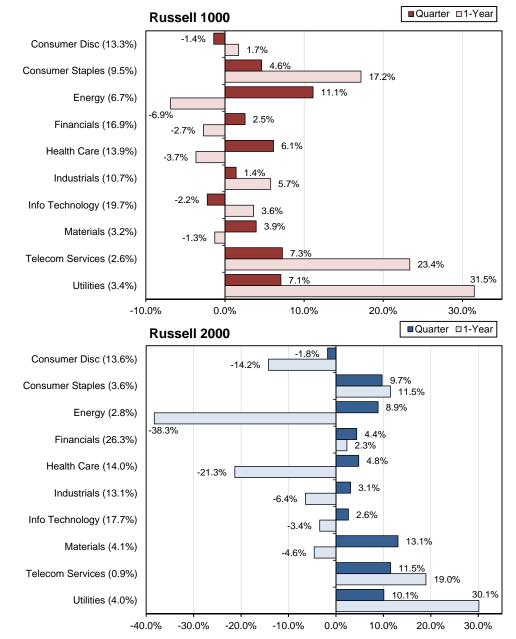








- Large cap sector performance was generally positive for the 2nd guarter with all but two sectors within the Russell 1000 Index posting gains for the period. The Consumer Discretionary and Technology sectors were the guarter's only laggards returning -1.4% and -2.2% respectively. Defensive and interest rate sensitive sectors of the market continue to perform well as investors attempt to proxy dividend income as a substitute for paltry investment grade bond yields due to the persistent low interest rate environment. Utilities, Telecom Services, and Consumer Staples all posted strong quarterly returns. These three sectors are also the only sectors to post double-digit returns over the past year, outperforming all other sectors in the Russell 1000 Index by a considerable margin. The Energy sector was a notable performer during the guarter, returning 11.1% due to increasing oil and natural gas prices. Supply disruptions in Canada and Nigeria, paired with a decrease in production from U.S. shale producers, contributed to reduced global supply, which drove energy prices higher. Despite a favorable quarter, Energy returns over the 1-year period continue to represent the weakest sector with a return of -6.9%. Materials (-1.3%), Health Care (-3.7%) and Financials (-2.7%) also posted negative results over the prior year.
- Similar to large cap sector results, small cap sector performance was largely positive for the quarter. In addition, small cap sector performance generally outpaced corresponding large cap sector results. Performance in large and small cap sectors also had similar observable trends. Higher yielding, defensive sectors and commodity price sensitive industries were the best performers during the 2nd quarter. In contrast, over the 1-year period, all Russell 2000 Index sectors underperformed their corresponding Russell 1000 Index sectors with the exception of the Financials sector. The Energy (-38.3%), Health Care (-21.3%), and Consumer Discretionary (-14.2%) sectors were the largest detractors over the 1-year period. Like the large cap index, Consumer Staples (11.5%), Telecom Services (19.0%), and Utilities (30.1%) significantly outperformed other sectors.
- Using the S&P 500 as a proxy, forward P/E ratios for six GICS sectors were below their long-term (20-year) averages at quarter-end. The Technology and Health Care sectors were trading at the largest discount to their long-term average P/E ratios. In contrast, the Energy and Utilities sector valuations were the most extended relative to their historical P/E ratios.





The Market Environment Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000 As of June 30, 2016

Top 10 Weighted Stocks						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Apple Inc	2.58%	-11.7%	-22.2%	Information Technology		
Exxon Mobil Corp	1.91%	13.1%	16.8%	Energy		
Microsoft Corp	1.91%	-6.7%	19.1%	Information Technology		
Johnson & Johnson	1.64%	12.9%	28.2%	Health Care		
General Electric Co	1.43%	-0.2%	22.3%	Industrials		
Amazon.com Inc	1.37%	20.5%	64.9%	Consumer Discretionary		
Berkshire Hathaway Inc B	1.35%	2.1%	6.4%	Financials		
AT&T Inc	1.31%	11.7%	28.4%	Telecommunication Services		
Facebook Inc A	1.26%	0.2%	33.2%	Information Technology		
Verizon Communications Inc	1.12%	4.3%	25.6%	Telecommunication Services		

Top 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
LinkedIn Corp Class A	0.11%	65.5%	-8.4%	Information Technology		
Denbury Resources Inc	0.00%	61.7%	-42.6%	Energy		
ONEOK Inc	0.05%	61.7%	29.8%	Energy		
Rice Energy Inc	0.01%	59.8%	11.4%	Energy		
Memorial Resource Development Corp	0.01%	56.0%	-16.3%	Energy		
Southwestern Energy Co	0.02%	55.9%	-44.7%	Energy		
Zillow Group Inc C	0.02%	52.9%	N/A	Information Technology		
Yelp Inc Class A	0.01%	52.7%	-29.4%	Information Technology		
Continental Resources Inc	0.02%	49.1%	6.8%	Energy		
Tahoe Resources Inc	0.02%	48.7%	26.1%	Materials		

Tahoe Resources Inc	0.02%	48.7%	26.1%	Materials	Radio
Botto	m 10 Perforn	ning Stocks ((by Quarter)		
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	Russ
SunEdison Inc	0.00%	-73.8%	-99.5%	Information Technology	Code
Cobalt International Energy Inc	0.00%	-54.9%	-86.2%	Energy	Ener
Office Depot Inc	0.00%	-53.4%	-61.8%	Consumer Discretionary	Seve
LendingClub Corp	0.00%	-48.2%	-70.8%	Financials	Fairw
Endo International PLC	0.02%	-44.6%	-80.4%	Health Care	The
Ionis Pharmaceuticals Inc	0.01%	-42.5%	-59.5%	Health Care	Infinit
Square Inc A	0.00%	-40.8%	N/A	Information Technology	Mirat
CVR Energy Inc	0.00%	-39.1%	-55.9%	Energy	Trans
Fossil Group Inc	0.00%	-35.8%	-58.9%	Consumer Discretionary	Lipoc
VeriFone Systems Inc	0.01%	-34.3%	-45.4%	Information Technology	Chias

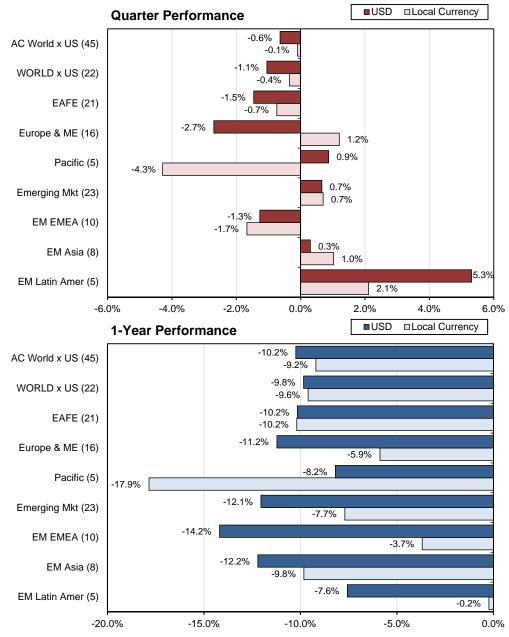
Top 10 Weighted Stocks							
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
Olin Corp	0.25%	44.3%	-3.8%	Materials			
Idacorp Inc	0.25%	9.8%	49.2%	Utilities			
Portland General Electric Co	0.24%	12.6%	37.4%	Utilities			
Gramercy Property Trust	0.24%	9.1%	21.7%	Financials			
Curtiss-Wright Corp	0.23%	11.5%	17.1%	Industrials			
Southwest Gas Corp	0.23%	20.3%	52.1%	Utilities			
Microsemi Corp	0.23%	-14.7%	-6.5%	Information Technology			
Healthcare Realty Trust Inc	0.22%	14.4%	57.2%	Financials			
Medical Properties Trust Inc	0.22%	19.0%	24.8%	Financials			
WGL Holdings Inc	0.22%	-1.5%	34.5%	Utilities			

Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Magnum Hunter Resources Corporation	0.00%	309559.2%	628.6%	Energy		
Ultra Petroleum Corp	0.00%	253.4%	-85.9%	Energy		
Ryerson Holding Corp	0.01%	214.7%	92.3%	Materials		
Clayton Williams Energy Inc	0.01%	207.8%	-58.2%	Energy		
Fairmount Santrol Holdings Inc	0.03%	207.2%	-5.9%	Energy		
Celator Pharmaceuticals Inc	0.06%	173.6%	1247.3%	Health Care		
EZCORP Inc	0.02%	154.5%	1.7%	Financials		
North Atlantic Drilling Ltd	0.00%	146.0%	-43.4%	Energy		
Eclipse Resources Corp	0.01%	131.9%	-36.5%	Energy		
Radio One Inc Class D	0.00%	124.6%	0.6%	Consumer Discretionary		

Bottom 10 Performing Stocks (by Quarter)							
Russell 2000 Weight T-Qtr 1-Year Return Return Return							
Code Rebel Corp	0.00%	-98.9%	-99.8%	Information Technology			
Energy XXI Ltd	0.00%	-92.8%	-98.3%	Energy			
Seventy Seven Energy Inc	0.00%	-84.1%	-97.9%	Energy			
Fairway Group Holdings Corp A	0.00%	-81.5%	-98.2%	Consumer Staples			
The JG Wentworth Co Class A	0.00%	-79.1%	-97.2%	Financials			
Infinity Pharmaceuticals Inc	0.00%	-74.8%	-87.9%	Health Care			
Mirati Therapeutics Inc	0.00%	-74.5%	-82.7%	Health Care			
TransEnterix Inc	0.01%	-71.3%	-59.3%	Health Care			
Lipocine Inc	0.00%	-70.0%	-64.6%	Health Care			
Chiasma Inc	0.00%	-68.4%	N/A	Health Care			



- Similar to domestic equity markets, the 2nd guarter was volatile for international stocks as broad developed market indices struggled throughout the guarter. Currency impact on returns was mixed during the guarter with the EM Latin America Index benefiting from a weakening USD, and the Europe and Middle East Index suffering from USD strength. For the 1-year period, returns for developed markets were negative in both USD and local currency. While the quarter began positively as markets pushed higher on the back of better than expected economic data and rising commodity prices, the second half of the guarter saw international markets swoon. Much of this was due to uncertainty leading up to the U.K.'s June 23rd referendum to remain in or move to leave the EU. British voters surprised investors by voting to discontinue membership in the economic bloc. While the terms and aggregate impact of "Brexit" will remain unknown for some time, the reaction to the vote was immediate. The pound sterling fell sharply (-12%), Standard & Poor's downgraded the U.K.'s AAA credit rating, and U.K. Prime Minister David Cameron resigned. While U.K. equity markets initially suffered sharp losses, markets recovered quickly as investors weighted the benefits of a weakened pound on the country's largely foreign earnings base.
- The U.K.'s decision to leave the EU cast a shadow over European equities for the quarter despite the region's generally positive economic data. While the European Central Bank (ECB) has signaled its intent for continued support, the EU faces concerns surrounding "Brexit's" effect on future growth, as well as a political contagion that could lead other members to leave the economic union. Japanese equities fell sharply through the quarter as the Bank of Japan (BoJ) bucked market expectations when they did not announce an extension to its negative interest rate policy or asset purchase program. The subsequent "Brexit" decision led to a sharp appreciation in the yen, raising additional concerns around future earnings growth potential for Japanese equities.
- Broad emerging market indices were modestly positive throughout the quarter, outperforming developed markets. Latin America was the best performing region on both a USD and local currency basis as the region benefitted from political tailwinds in Brazil and rising commodity prices. Russia, India, and the Philippines were also notable positive performers. Emerging European countries were laggards relative to emerging peers in Asia and Latin America. Performance for the MSCI Emerging Markets Index (net) remains negative in both local (-7.7%) and USD (-12.1%) terms over the trailing 1-year period.





The Market Environment
U.S. Dollar International Index Attribution & Country Detail
As of June 30, 2016

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.1%	-8.4%	-17.7%
Consumer Staples	13.3%	2.9%	10.1%
Energy	5.2%	11.3%	-2.4%
Financials	22.3%	-6.6%	-23.2%
Health Care	12.4%	4.7%	-2.2%
Industrials	13.3%	-1.5%	-5.4%
Information Technology	5.4%	-2.7%	-8.0%
Materials	6.9%	1.2%	-15.7%
Telecommunication Services	5.2%	-0.3%	-3.7%
Utilities	3.9%	1.6%	-0.2%
Total	100.0%	-1.5%	-10.2%

MSCI - ACWIxUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.3%	-6.9%	-15.9%
Consumer Staples	11.6%	2.8%	7.5%
Energy	6.9%	8.1%	-5.7%
Financials	24.4%	-4.3%	-19.9%
Health Care	9.4%	4.3%	-6.5%
Industrials	11.3%	-1.8%	-7.2%
Information Technology	9.0%	0.1%	-5.3%
Materials	7.1%	3.1%	-12.1%
Telecommunication Services	5.3%	-0.2%	-6.9%
Utilities	3.6%	1.5%	-2.0%
Total	100.0%	-0.6%	-10.2%

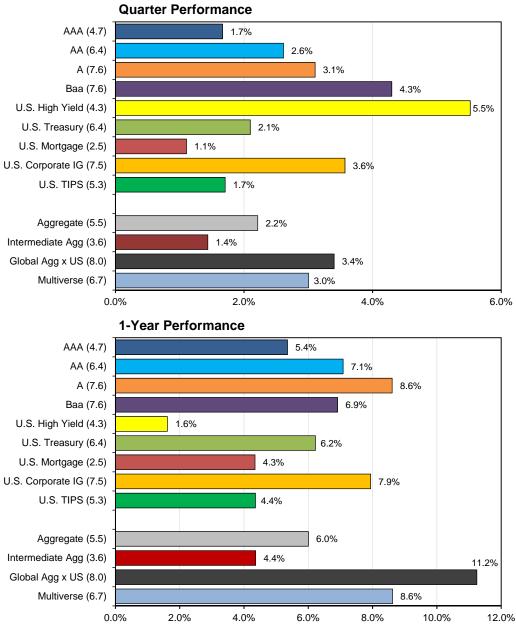
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.5%	-1.4%	-10.5%
Consumer Staples	8.5%	4.2%	-3.6%
Energy	7.5%	1.9%	-12.7%
Financials	26.1%	0.3%	-17.8%
Health Care	2.7%	0.4%	-7.5%
Industrials	6.2%	-3.3%	-19.0%
Information Technology	22.5%	2.5%	-4.0%
Materials	6.3%	-0.8%	-9.5%
Telecommunication Services	6.6%	-0.1%	-15.6%
Utilities	3.2%	0.5%	-10.0%
Total	100.0%	0.7%	-12.1%

	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	23.3%	16.4%	1.0%	-8.9%
United Kingdom	19.6%	13.8%	-0.7%	-12.1%
France	9.6%	6.8%	-4.3%	-8.9%
Switzerland	9.3%	6.6%	2.0%	-8.5%
Germany	8.7%	6.1%	-5.6%	-11.6%
Australia	7.3%	5.1%	0.5%	-4.5%
Hong Kong	3.3%	2.3%	0.9%	-10.8%
Netherlands	3.2%	2.2%	-5.1%	-7.8%
Spain	2.9%	2.1%	-7.7%	-23.3%
Spain Sweden	2.9%	2.1%	-7.7%	-23.3%
Denmark	2.0%	1.4%	-0.6%	2.5%
Italy	2.0%	1.4%	-10.5%	-26.1%
Belgium	1.5%	1.1%	2.3%	4.5%
Singapore	1.4%	1.0%	0.4%	-11.5%
Finland	1.0%	0.7%	-2.1%	-3.9%
srael	0.8%	0.6%	-3.8%	-11.1%
Norway	0.6%	0.5%	2.4%	-16.2%
Ireland	0.5%	0.3%	-9.9%	-10.5%
New Zealand	0.2%	0.1%	5.9%	29.7%
Austria	0.2%	0.1%	-10.0%	-12.9%
Portugal	0.2%	0.1%	-2.8%	-7.5%
Total EAFE Countries	100.0%	70.6%	-1.5%	-10.2%
Canada		6.8%	3.4%	-6.3%
Total Developed Countries		77.4%	-1.1%	-9.8%
China		5.8%	0.1%	-23.4%
Korea		3.3%	-1.2%	-3.5%
Taiwan		2.7%	0.7%	-8.8%
ndia		1.9%	3.7%	-6.5%
South Africa		1.7%	1.6%	-15.9%
Brazil		1.6%	13.9%	-6.0%
Mexico		0.9%	-7.0%	-12.2%
Russia		0.9%	4.1%	-1.6%
Malaysia		0.7%	-5.9%	-6.0%
ndonesia		0.6%	4.1%	6.0%
Fhailand		0.5%	2.8%	-7.1%
Philippines		0.4%	5.8%	1.0%
Turkey		0.3%	-7.9%	-10.1%
Chile		0.3%	1.9%	-1.7%
Poland		0.3%	-17.5%	-27.0%
Qatar		0.2%	-4.9%	-17.2%
United Arab Emirates		0.2%	0.1%	-14.9%
Colombia		0.1%	2.9%	-12.4%
Peru		0.1%	18.2%	8.3%
Greece		0.1%	-14.0%	-60.8%
Hungary		0.1%	-4.7%	20.5%
Czech Republic		0.0%	-4.7 %	-18.3%
		0.0%	0.0%	-23.8%
Egypt Total Emerging Countries		0.0%	0.9% 0.7%	-23.8% -12.1%



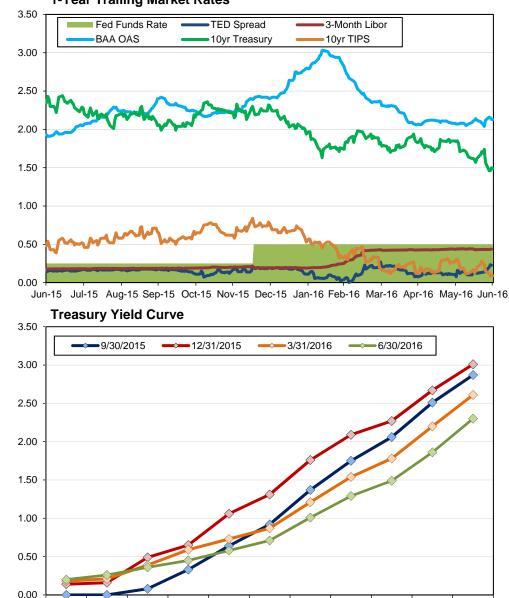
The Market Environment Domestic Bond Sector & Broad/Global Bond Market Performance (Duration) As of June 30, 2016

- Despite being investors' least favorite asset class for some time, fixed income indices continued their strong 2016 performance through the 2nd quarter of the year. Early quarter headwinds triggered by hawkish comments from Federal Reserve Chair Janet Yellen implying a summer interest rate hike dissipated as weaker economic data created doubts that the economy was robust enough to warrant further monetary policy tightening. Expectations for a near-term increase of the Fed Funds Rate shrank further after the U.K.'s vote to leave the EU. This news caused a swift flight to quality, pushing interest rates lower through the second half of the guarter. While near-term rates had little room to move lower, longterm rates fell to near historic lows. This curve flattening helped longer duration indices such as the Barclays U.S. Corporate Investment Grade Index and the Barclays Global Aggregate ex U.S. Index to outperform, returning 3.6% and 3.4% respectively. Fixed income performance for the 1-year period was also positive across the country, credit, and sector spectrums with international bond indices, such as the Barclays Global Aggregate ex U.S. (11.2%) and the Barclays Multiverse (8.6%), generating the highest returns
- U.S. investment grade bond indices posted gains for the quarter with the broad market Barclays Aggregate Index posting a return of 2.2%. Higher duration index sectors within the Aggregate outperformed lower duration sectors with investment grade corporates (3.6%) and Treasury securities (2.1%) posting the largest gains. Hurt by its relatively low duration, the Barclays U.S. Mortgage Index performed the worst for the second quarter in a row, returning 1.1%. Over the 1-year period, the Aggregate has returned an expectation defying 6.0%. Similar to the quarterly results, investment grade corporates and Treasuries outperformed mortgages for the period.
- Lower credit quality issues outperformed higher quality securities during the 2nd quarter. Baa rated securities returned 4.3% versus a return of 1.7% for AAA issues due to higher average durations and the compression of interest rate credit spreads throughout the quarter. Driven by this spread compression, high yield bonds were the best performers with the Barclays U.S. High Yield Index returning 5.5%. Despite its strong start to 2016, the Barclays U.S. High Yield Index is only marginally positive over the last 12 months with a return of 1.6%.





- U.S. TIPS finished the 2nd quarter with a 1.7% return. The relatively strong return can be attributed to the longer end of the TIPS yield curve shifting lowering during the period as headline CPI (1.1%) remains largely in check. The TIPS return for the 1-year period is a solid 4.4%.
- In USD terms, international fixed income indices posted the largest gains for both the quarter and 1-year periods. Despite the relatively low interest rates in international markets, with several government issues having negative yields, the Barclays Global Aggregate ex U.S. returned 3.4% for the quarter as the index benefitted from its higher average duration and mixed currency impact. The index's 11.2% return over the 1-year period also outpaced domestic bond returns.
- Much of the index performance detailed in the bar graphs on the previous page is visible on a time series basis by reviewing the line graphs to the right. The '1-Year Trailing Market Rates' chart illustrates that the 10-year Treasury yield (green line) fell over the quarter and is now at a 12-month low. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread), which quantifies the additional yield premium that investors require to purchase and hold non-Treasury issues. When credit spreads widen (tighten), it is equivalent to interest rate increases (decreases) on corporate bond returns. After falling below 2.0% early in 2015, this spread rose throughout the remainder of the calendar year. While there was upside momentum in credit spreads early in 2016, they have narrowed by close to 1% since their high on February 11th. Despite an uptick from "Brexit" during June, this spread compression has benefited corporate bond returns. The lower graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters. Treasury issues greater than two years ended the 2nd guarter at their lowest levels in the past 12-months while short-term rates are at the high end of their 12-month range.
- The Fed has stated future rate increases would be implemented at a measured pace and with an ongoing assessment of current economic data. Despite this domestic policy assertion, geopolitical events and non-U.S. stimulus programs are likely to keep demand for U.S. Treasury issues elevated and exert downward pressure on how high domestic interest rates will rise in the short-term.



1-Year Trailing Market Rates

1 mo

3 mo

6 mo

1 yr

2 yr

3 yr

5 yr

7 yr

30 yr

20 yr

10 yr

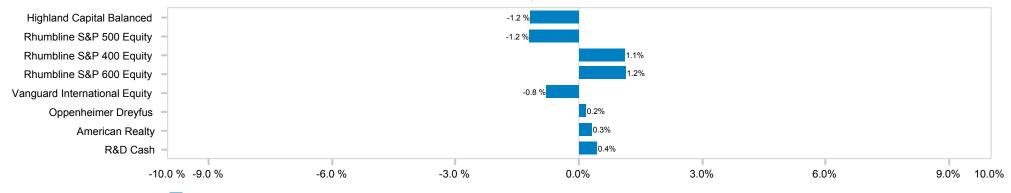
Total Fund Compliance:	Yes	No
The total plan return equaled or exceeded the total plan benchmark over the trailing three year period.	•	
The three year total plan return ranks in the top 40% of its peers.	•	
The total plan return of the fund over the trailing three year period equaled or exceeded 7.3% (actuarial assumption rate of return).	•	
Equity Compliance:	Yes	No
The equity return equaled or exceeded the benchmark over the trailing three year period.	•	
The equity return equaled or exceeded the benchmark over the trailing five year period.	•	
The amount invested in any single security is less than or equal to 5% of the market value of the total equity portfolio.	•	
The amount invested in any single industry is less than or equal to 20% of the market value of the total equity portfolio.	•	

Fixed Income Compliance:	Yes	No
The fixed income return equaled or exceeded the benchmark over the trailing three year period.	•	
The fixed income return equaled or exceeded the BCAB index over the trailing five year period.	•	
The amount invested in any single security (excluding U.S. Government and its agencies) is less than or equal to 5% of the market value of the total fixed income portfolio.	•	
The minimum quality rating of the domestic bond investments is BBB from Standard & Poor's or BAA from Moody's.	•	



Asset Allocation Compliance Palm Beach Gardens Police Total Fund Composite As of June 30, 2016

	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Total Fund Composite	79,185,946	100.0	100.0	0.0	-
Highland Capital Balanced	25,581,299	32.3	33.5	-1.2	945,993
Rhumbline S&P 500 Equity	18,826,184	23.8	25.0	-1.2	970,302
Rhumbline S&P 400 Equity	8,811,232	11.1	10.0	1.1	-892,637
Rhumbline S&P 600 Equity	8,830,032	11.2	10.0	1.2	-911,437
Vanguard International Equity	7,287,862	9.2	10.0	-0.8	630,733
Oppenheimer Dreyfus	3,302,686	4.2	4.0	0.2	-135,248
American Realty	6,196,650	7.8	7.5	0.3	-257,704
R&D Cash	350,001	0.4	0.0	0.4	-350,001

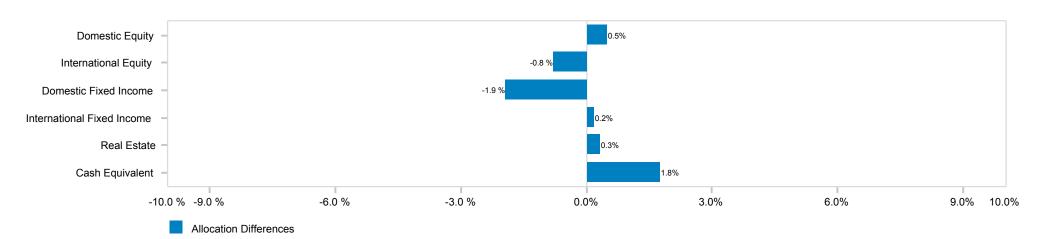


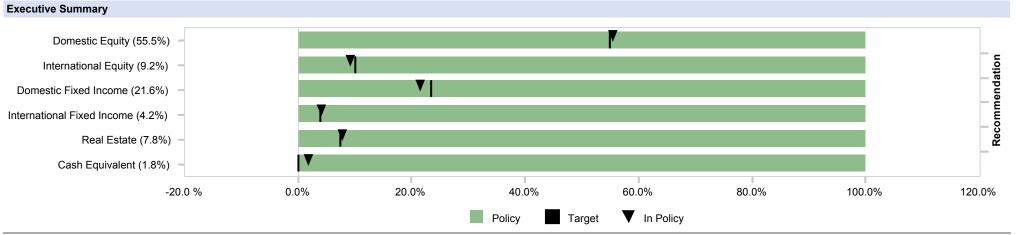
Allocation Differences





Asset Allocation Compliance					
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Domestic Equity	43,933,162	55.5	55.0	0.5	-380,892
International Equity	7,287,862	9.2	10.0	-0.8	630,733
Domestic Fixed Income	17,076,165	21.6	23.5	-1.9	1,532,533
International Fixed Income	3,302,686	4.2	4.0	0.2	-135,248
Real Estate	6,196,650	7.8	7.5	0.3	-257,704
Cash Equivalent	1,389,421	1.8	0.0	1.8	-1,389,421
Total Fund	79,185,946	100.0	100.0	0.0	-





BOGDAHN GROUP

Asset Allocation Summary Total Fund Composite As of June 30, 2016

Asset Allocation By Segment as of March 31, 2016 : \$78,411,084 Asset Allocation By Segment as of June 30, 2016 : \$79,185,946

location			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
Domestic Equity	43,737,579	55.8	Domestic Equity	43,933,162	55.5
International Equity	7,259,997	9.3	International Equity	7,287,862	9.2
Domestic Fixed Income	16,993,022	21.7	Domestic Fixed Income	17,076,165	21.6
International Fixed Income	3,213,827	4.1	International Fixed Income	3,302,686	4.2
Real Estate	4,900,000	6.2	Real Estate	6,196,650	7.8
Cash Equivalent	2,306,659	2.9	Cash Equivalent	1,389,421	1.8

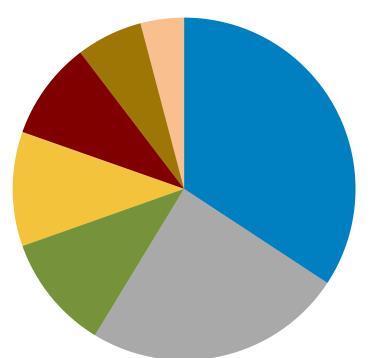




Asset Allocation Summary Total Fund Composite As of June 30, 2016

Asset Allocation By Manager as of June 30, 2016 : \$79,185,946

Asset Allocation By Manager as of March 31, 2016 : \$78,411,084



location			Allocation		
	Market Value	Allocation		Market Value	Allocation
Highland Capital Balanced	26,860,672	34.3	Highland Capital Balanced	25,581,299	32.3
Rhumbline S&P 500 Equity	19,164,461	24.4	Rhumbline S&P 500 Equity	18,826,184	23.8
Rhumbline S&P 600 Equity	8,535,052	10.9	Rhumbline S&P 600 Equity	8,830,032	11.2
Rhumbline S&P 400 Equity	8,475,249	10.8	Rhumbline S&P 400 Equity	8,811,232	11.1
Vanguard International Equity	7,259,997	9.3	Vanguard International Equity	7,287,862	9.2
American Realty	4,900,000	6.2	American Realty	6,196,650	7.8
Oppenheimer Dreyfus	3,215,653	4.1	Oppenheimer Dreyfus	3,302,686	4.2
R&D Cash	1	0.0	R&D Cash	350,001	0.4



	A 11	eestion							Dorfor		(0/)				
		ocation							Perfor	mance	(%)				
	Market Value \$	%	Q	TR	FY	TD	1`	YR	3	YR	5	YR	Ince	ption	Inception Date
Total Fund Composite	79,185,946	100.0	2.12	(32)	7.62	(8)	2.09	(15)	8.45	(3)	8.36	(3)	7.67	(59)	04/01/1992
Total Fund Policy Index			2.14	(31)	7.91	(8)	3.11	(6)	8.19	(6)	8.16	(5)	8.46	(11)	
Difference			-0.02		-0.29		-1.02		0.26		0.20		-0.79		
All Public Plans-Total Fund Median			1.87		5.96		0.66		6.75		6.62		7.74		
Total Equity Composite	51,221,024	64.7	2.13		8.59		-0.05		10.22		10.43		4.78		07/01/2000
Total Equity Policy Index			2.01		8.93		0.66		10.12		10.27		4.56		
Difference			0.12		-0.34		-0.71		0.10		0.16		0.22		
Total Domestic Equity															
Rhumbline S&P 500 Equity	18,826,184	23.8	2.41	(41)	11.10	(23)	3.91	(23)	11.60	(41)	12.06	(36)	4.47	(76)	07/01/2000
S&P 500 Index			2.46	(39)	11.15	(21)	3.99	(22)	11.66	(39)	12.10	(34)	4.33	(81)	
Difference			-0.05		-0.05		-0.08		-0.06		-0.04		0.14		
IM U.S. Large Cap Equity (SA+CF) Median			1.92		8.40		0.99		11.13		11.49		5.64		
Rhumbline S&P 400 Equity	8,811,232	11.1	3.96	(20)	10.64	(22)	1.31	(25)	10.51	(46)	10.59	(41)	9.58	(55)	01/01/2004
S&P MidCap 400 Index			3.99	(19)	10.74	(20)	1.33	(25)	10.53	(45)	10.55	(44)	9.49	(61)	
Difference			-0.03		-0.10		-0.02		-0.02		0.04		0.09		
IM U.S. Mid Cap Equity (SA+CF) Median			2.40		6.06		-2.96		10.18		10.24		9.65		
Rhumbline S&P 600 Equity	8,830,032	11.2	3.46	(45)	10.09	(21)	-0.06	(20)	10.24	(28)	11.19	(24)	9.34	(39)	01/01/2004
S&P SmallCap 600			3.48	(45)	10.18	(19)	-0.03	(20)	10.23	(28)	11.20	(23)	9.27	(42)	
Difference			-0.02		-0.09		-0.03		0.01		-0.01		0.07		
IM U.S. Small Cap Equity (SA+CF) Median			3.19		6.05		-4.85		8.62		9.74		8.87		
Highland Capital LCG	7,465,714	9.4	-0.43	(76)	2.39	(82)	-5.41	(87)	10.42	(79)	10.33	(73)	6.60	(59)	10/01/2007
Russell 1000 Growth Index			0.61	(50)	8.78	(19)	3.02	(20)	13.07	(36)	12.35	(29)	7.42	(37)	
Difference			-1.04	· · /	-6.39	· · /	-8.43		-2.65	. /	-2.02	` ´	-0.82	. /	
IM U.S. Large Cap Growth Equity (SA+CF) Median			0.61		6.06		-0.57		12.28		11.39		6.97		
International Equity															
Vanguard International Equity	7,287,862	9.2	0.38	(43)	1.91	(63)	-9.49	(60)	3.97	(39)	3.27	(42)	2.98	(61)	10/01/2006
MSCI EAFE Index			-1.19	(62)	0.52	(72)	-9.72	(63)	2.52	(57)	2.15	(56)	1.70	(86)	
Difference			1.57		1.39		0.23		1.45		1.12		1.28		
IM International Equity (SA+CF) Median			-0.28		3.59		-8.20		3.08		2.69		3.68		



Total Fund Composite (Gross)

	Allo	cation							Perfor	mance	(%)				
	Market Value \$	%	Q	TR	FY	TD	1`	YR	3 \	ŕR	5	YR	Ince	ption	Inception Date
Total Fixed Income Composite	20,378,851	25.7	2.44		6.26		6.72		3.90		3.72		5.66		04/01/1994
Total Fixed Inc Policy Index			2.42		5.51		6.86		3.89		3.39		5.76		
Difference			0.02		0.75		-0.14		0.01		0.33		-0.10		
Domestic Fixed Income															
Highland Capital Fxed Income	17,076,165	21.6	2.41	(40)	5.89	(7)	7.17	(6)	4.06	(82)	3.92	(77)	5.69	(97)	04/01/1994
Barclays Aggregate Index			2.21	(69)	4.71	(67)	6.00	(62)	4.06	(82)	3.76	(89)	5.83	(91)	
Difference			0.20		1.18		1.17		0.00		0.16		-0.14		
IM U.S. Broad Market Core Fixed Income (SA+CF) Me	edian		2.32		4.98		6.14		4.34		4.14		6.13		
International Fixed Income															
Oppenheimer Dreyfus	3,302,686	4.2	2.71	(76)	6.77	(80)	0.68	(79)	1.88	(57)	1.34	(58)	1.69	(62)	10/01/2010
Citigroup Non-U.S. World Government Bond			4.04	(47)	11.94	(30)	13.85	(1)	2.36	(52)	0.31	(73)	0.81	(75)	
Difference			-1.33		-5.17		-13.17		-0.48		1.03		0.88		
IM International Fixed Income All (MF) Median			3.88		9.59		5.44		2.46		2.15		2.75		
Real Estate															
American Realty	6,196,650	7.8	1.25	(100)	7.07	(96)	10.70	(96)	12.40	(83)	N/A		12.15	(83)	07/01/2012
NCREIF Property Index			2.03	(78)	7.33	(91)	10.64	(100)	11.61	(88)	11.52	(91)	11.39	(88)	
Difference			-0.78		-0.26		0.06		0.79		N/A		0.76		
IM U.S. Private Real Estate (SA+CF) Median			2.54		8.26		12.64		13.52		13.37		13.44		
R&D Cash	350,001	0.4													



	A 11.4	ocation				Performance	(9/,)		
	Market					Periormance	(70)		
	Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	Inceptio Date
Total Fund Composite	79,185,946	100.0	2.03	7.43	1.85	8.24	8.15	7.42	04/01/1992
Total Fund Policy Index			2.14	7.91	3.11	8.19	8.16	8.46	
Difference			-0.11	-0.48	-1.26	0.05	-0.01	-1.04	
Total Equity Composite	51,221,024	64.7	2.13	8.59	-0.05	10.22	10.43	4.78	07/01/2000
Total Equity Policy Index	- , ,-		2.01	8.93	0.66	10.12	10.27	4.56	
Difference			0.12	-0.34	-0.71	0.10	0.16	0.22	
Total Domestic Equity									
Rhumbline S&P 500 Equity	18,826,184	23.8	2.41	11.07	3.87	11.54	11.97	4.34	07/01/2000
S&P 500 Index			2.46	11.15	3.99	11.66	12.10	4.33	
Difference			-0.05	-0.08	-0.12	-0.12	-0.13	0.01	
Rhumbline S&P 400 Equity	8,811,232	11.1	3.96	10.61	1.25	10.47	10.57	9.57	01/01/2004
S&P MidCap 400 Index			3.99	10.74	1.33	10.53	10.55	9.49	
Difference			-0.03	-0.13	-0.08	-0.06	0.02	0.08	
Rhumbline S&P 600 Equity	8,830,032	11.2	3.46	10.05	-0.12	10.20	11.17	9.33	01/01/2004
S&P SmallCap 600			3.48	10.18	-0.03	10.23	11.20	9.27	
Difference			-0.02	-0.13	-0.09	-0.03	-0.03	0.06	
Highland Capital LCG Equity	7,465,714	9.4	-0.43	2.39	-5.41	10.42	10.33	6.60	10/01/2007
Russell 1000 Growth Index			0.61	8.78	3.02	13.07	12.35	7.42	
Difference			-1.04	-6.39	-8.43	-2.65	-2.02	-0.82	
International Equity									
Vanguard International Equity	7,287,862	9.2	0.38	1.91	-9.49	3.97	3.27	2.98	10/01/2006
MSCI EAFE Index			-1.19	0.52	-9.72	2.52	2.15	1.70	
Difference			1.57	1.39	0.23	1.45	1.12	1.28	
Total Fixed Income Composite	20,378,851	25.7	2.44	6.26	6.72	3.90	3.72	5.66	04/01/1994
Total Fixed Inc Policy Index			2.42	5.51	6.86	3.89	3.39	5.76	
Difference			0.02	0.75	-0.14	0.01	0.33	-0.10	



Total Fund Composite (Net)

	Allo	ocation				Performance	(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	Inceptior Date
Domestic Fixed Income									
Highland Capital Fxed Income	17,076,165	21.6	2.41	5.89	7.17	4.06	3.92	5.69	04/01/1994
Barclays Aggregate Index			2.21	4.71	6.00	4.06	3.76	5.83	
Difference			0.20	1.18	1.17	0.00	0.16	-0.14	
International Fixed Income									
Oppenheimer Dreyfus	3,302,686	4.2	2.71	6.77	0.68	1.88	1.34	1.69	10/01/2010
Citigroup Non-U.S. World Government Bond			4.04	11.94	13.85	2.36	0.31	0.81	
Difference			-1.33	-5.17	-13.17	-0.48	1.03	0.88	
Real Estate									
American Realty	6,196,650	7.8	0.97	6.20	9.45	11.22	N/A	10.97	07/01/2012
NCREIF Property Index			2.03	7.33	10.64	11.61	11.52	11.39	
Difference			-1.06	-1.13	-1.19	-0.39	N/A	-0.42	



	Allo	cation					Perform	nance(%)				
	Market		Oct-2014	Oct-2013	Oct-2012	Oct-2011	Oct-2010	Oct-2009	Oct-2008	Oct-2007	Oct-2006	Oct-200
	Value \$	%	To Sep-2015	То	То	То	То	To Sep-2010	To Sep-2009	То	То	То
Total Fund Composite	79,185,946	100.0	1.46 (11)	10.95 (33)	14.75 (16)	18.89 (28)	0.46 (44)	10.42 (37)	5.99 (9)	-13.46 (57)	12.22 (83)	7.04 (82)
Total Fund Policy Index			0.81 (19)	10.35 (47)	14.21 (22)	19.60 (18)	1.75 (18)	10.81 (29)	1.64 (50)	-12.83 (49)	13.68 (62)	7.97 (61
Difference			0.65	0.60	0.54	-0.71	-1.29	-0.39	4.35	-0.63	-1.46	-0.93
All Public Plans-Total Fund Median			-0.53	10.17	12.51	17.96	0.18	9.91	1.60	-12.93	14.05	8.43
Total Equity Composite	51,221,024	64.7	0.44	14.07	24.58	28.78	-2.47	12.49	-0.91	-23.22	17.99	9.60
Total Equity Policy Index			-0.18	13.86	23.27	27.80	-0.50	11.44	-4.36	-21.04	17.05	9.27
Difference			0.62	0.21	1.31	0.98	-1.97	1.05	3.45	-2.18	0.94	0.33
Total Domestic Equity												
Rhumbline S&P 500 Equity	18,826,184	23.8	-0.63 (57)	19.64 (39)	19.30 (72)	30.16 (39)	1.18 (44)	10.20 (49)	-6.49 (60)	-21.73 (59)	16.63 (57)	10.88 (43)
S&P 500 Index			-0.61 (57)	19.73 (37)	19.34 (71)	30.20 (39)	1.14 (45)	10.16 (50)	-6.91 (65)	-21.98 (63)	16.44 (61)	10.79 (46)
Difference			-0.02	-0.09	-0.04	-0.04	0.04	0.04	0.42	0.25	0.19	0.09
IM U.S. Large Cap Equity (SA+CF) Median			-0.37	18.79	21.15	29.19	0.72	10.10	-5.53	-20.83	17.08	10.40
Rhumbline S&P 400 Equity	8,811,232	11.1	1.45 (52)	11.81 (67)	27.55 (57)	28.90 (35)	-1.16 (55)	17.78 (41)	-2.78 (52)	-16.54 (17)	18.73 (60)	6.60 (70)
S&P MidCap 400 Index			1.40 (53)	11.82 (67)	27.68 (55)	28.54 (39)	-1.28 (57)	17.78 (41)	-3.11 (56)	-16.68 (20)	18.76 (59)	6.56 (70)
Difference			0.05	-0.01	-0.13	0.36	0.12	0.00	0.33	0.14	-0.03	0.04
IM U.S. Mid Cap Equity (SA+CF) Median			1.47	13.46	28.01	27.10	-0.76	16.67	-2.72	-20.87	20.68	8.19
Rhumbline S&P 600 Equity	8,830,032	11.2	3.90 (37)	5.79 (55)	31.40 (56)	33.27 (36)	0.21 (38)	14.14 (58)	-10.54 (76)	-13.64 (22)	15.16 (59)	7.60 (56)
S&P SmallCap 600			3.81 (37)	5.74 (56)	31.51 (54)	33.35 (36)	0.21 (38)	14.22 (57)	-10.61 (77)	-13.83 (23)	14.93 (60)	7.16 (60)
Difference			0.09	0.05	-0.11	-0.08	0.00	-0.08	0.07	0.19	0.23	0.44
IM U.S. Small Cap Equity (SA+CF) Median			2.41	6.23	32.05	31.55	-1.21	14.99	-5.30	-18.16	17.43	8.19
Highland Capital LCG	7,465,714	9.4	4 64 (34)	16.29 (70)	28 73 (8)	27.51 (51)	-6 48 (97)	14.63 (22)	15.31 (2)	-30.80 (98)	N/A	N/A
Russell 1000 Growth Index	.,,		3.17 (56)	. ,	()	()	· · ·	12.65 (36)	()	· · ·		6.04 (59
Difference			1.47	-2.86	9.46	-1.68	-10.26	1.98	17.16	-9.92	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median			3.68	18.12	20.31	27.62	1.37	11.31	-3.03	-20.34	20.19	6.83
International Equity												
Vanguard International Equity	7,287,862	9.2	-8.53 (53)	7.89 (29)	23.72 (37)	19.39 (32)	-11.12 (62)	9.09 (52)	2.31 (73)	-29.10 (41)	27.48 (57)	N/A
MSCI EAFE Index			-8.27 (52)	4.70 (63)	24.29 (33)	14.33 (72)	-8.94 (44)	3.71 (80)	3.80 (65)	-30.13 (48)	25.38 (67)	19.65 (56
Difference			-0.26	3.19	-0.57	5.06	-2.18	5.38	-1.49	1.03	2.10	N/A
IM International Equity (SA+CF) Median			-7.99	5.79	20.35	17.30	-9.61	9.60	6.90	-30.33	29.56	20.13



Total Fund Composite (Gross)

												100,201
	Allo	cation		Performance(%)								
	Market Value \$	%	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-200 To Sep-200
Total Fixed Income Composite	20,378,851	25.7	1.40	3.45	-2.57	6.28	5.20	8.28	11.96	1.23	4.97	3.56
Total Fixed Inc Policy Index			1.82	3.41	-2.11	4.98	5.18	7.78	11.18	3.84	5.62	3.51
Difference			-0.42	0.04	-0.46	1.30	0.02	0.50	0.78	-2.61	-0.65	0.05
Domestic Fixed Income												
Highland Capital Fxed Income	17,076,165	21.6	2.22 (88)	3.51 (94)	-2.54 (99)	6.07 (71)	5.66 (26)	8.09 (89)	11.96 (58)	1.23 (63)	4.97 (70)	3.56 (85
Barclays Aggregate Index			2.94 (59)	3.96 (80)	-1.68 (80)	5.16 (91)	5.26 (49)	8.16 (87)	10.56 (82)	3.65 (32)	5.14 (53)	3.67 (76
Difference			-0.72	-0.45	-0.86	0.91	0.40	-0.07	1.40	-2.42	-0.17	-0.11
IM U.S. Broad Market Core Fixed Income (SA+CF) Med	dian		3.02	4.50	-1.24	6.60	5.25	9.24	12.28	2.54	5.15	3.86
International Fixed Income												
Oppenheimer Dreyfus	3,302,686	4.2	-4.81 (31)	2.98 (69)	-2.82 (41)	7.90 (69)	0.32 (41)	N/A	N/A	N/A	N/A	N/A
Citigroup Non-U.S. World Government Bond			-7.01 (46)	-0.99 (89)	-5.63 (80)	3.45 (91)	4.13 (4)	4.46 (88)	16.04 (54)	5.16 (1)	9.53 (32)	2.04 (70
Difference			2.20	3.97	2.81	4.45	-3.81	N/A	N/A	N/A	N/A	N/A
IM International Fixed Income All (MF) Median			-7.85	5.33	-3.56	14.24	-0.27	13.67	16.41	-3.81	8.61	5.14
Real Estate												
American Realty	6,196,650	7.8	14.05 (70)	12.45 (72)	12.30 (73)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NCREIF Property Index			13.48 (78)	11.26 (91)	11.00 (83)	11.00 (75)	16.10 (71)	5.84 (50)	-22.09 (10)	5.27 (45)	17.31 (67)	17.62 (56
Difference			0.57	1.19	1.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Private Real Estate (SA+CF) Median			16.27	13.17	13.35	13.03	16.62	5.80	-34.32	4.88	18.73	18.27
R&D Cash	350,001	0.4										



Asset Allocation & Performance												
	Allo	ocation					Perform	nance(%)				
	Market Value \$	%	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
Total Fund Composite	79,185,946	100.0	1.29	10.73	14.53	18.64	0.22	10.08	5.61	-13.73	11.90	6.70
Total Fund Policy Index			0.81	10.35	14.21	19.60	1.75	10.81	1.64	-12.83	13.68	7.97
Difference			0.48	0.38	0.32	-0.96	-1.53	-0.73	3.97	-0.90	-1.78	-1.27
Total Equity Composite	51,221,024	64.7	0.44	14.07	24.58	28.78	-2.47	12.49	-0.91	-23.22	17.99	9.60
Total Equity Policy Index			-0.18	13.86	23.27	27.80	-0.50	11.44	-4.36	-21.04	17.05	9.27
Difference			0.62	0.21	1.31	0.98	-1.97	1.05	3.45	-2.18	0.94	0.33
Total Domestic Equity												
Rhumbline S&P 500 Equity	18,826,184	23.8	-0.66	19.55	19.18	29.99	1.04	10.02	-6.71	-21.87	16.47	10.72
S&P 500 Index			-0.61	19.73	19.34	30.20	1.14	10.16	-6.91	-21.98	16.44	10.79
Difference			-0.05	-0.18	-0.16	-0.21	-0.10	-0.14	0.20	0.11	0.03	-0.07
Rhumbline S&P 400 Equity	8,811,232	11.1	1.40	11.78	27.55	28.90	-1.16	17.78	-2.78	-16.54	18.73	6.60
S&P MidCap 400 Index			1.40	11.82	27.68	28.54	-1.28	17.78	-3.11	-16.68	18.76	6.56
Difference			0.00	-0.04	-0.13	0.36	0.12	0.00	0.33	0.14	-0.03	0.04
Rhumbline S&P 600 Equity	8,830,032	11.2	3.85	5.76	31.40	33.27	0.21	14.14	-10.54	-13.64	15.16	7.60
S&P SmallCap 600			3.81	5.74	31.51	33.35	0.21	14.22	-10.61	-13.83	14.93	7.16
Difference			0.04	0.02	-0.11	-0.08	0.00	-0.08	0.07	0.19	0.23	0.44
Highland Capital LCG	7,465,714	9.4	4.64	16.29	28.73	27.51	-6.48	14.63	15.31	-30.80	N/A	N/A
Russell 1000 Growth Index			3.17	19.15	19.27	29.19	3.78	12.65	-1.85	-20.88	19.35	6.04
Difference			1.47	-2.86	9.46	-1.68	-10.26	1.98	17.16	-9.92	N/A	N/A
International Equity												
Vanguard International Equity	7,287,862	9.2	-8.53	7.89	23.72	19.39	-11.12	9.09	2.31	-29.10	27.48	N/A
MSCI EAFE Index			-8.27	4.70	24.29	14.33	-8.94	3.71	3.80	-30.13	25.38	19.65
Difference			-0.26	3.19	-0.57	5.06	-2.18	5.38	-1.49	1.03	2.10	N/A
Total Fixed Income Composite	20,378,851	25.7	1.40	3.45	-2.57	6.28	5.20	8.28	11.96	1.23	4.97	3.56
Total Fixed Inc Policy Index			1.82	3.41	-2.11	4.98	5.18	7.78	11.18	3.84	5.62	3.51
Difference			-0.42	0.04	-0.46	1.30	0.02	0.50	0.78	-2.61	-0.65	0.05



Total Fund Composite (Net)

	Allo	cation					Perform	ance(%)				
	Market Value \$	%	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007	Oct-2005 To Sep-2006
Domestic Fixed Income												
Highland Capital Fxed Income	17,076,165	21.6	2.22	3.51	-2.54	6.07	5.66	8.09	11.96	1.23	4.97	3.56
Barclays Aggregate Index			2.94	3.96	-1.68	5.16	5.26	8.16	10.56	3.65	5.14	3.67
Difference			-0.72	-0.45	-0.86	0.91	0.40	-0.07	1.40	-2.42	-0.17	-0.11
International Fixed Income												
Oppenheimer Dreyfus	3,302,686	4.2	-4.81	2.98	-2.82	7.90	0.32	N/A	N/A	N/A	N/A	N/A
Citigroup Non-U.S. World Government Bo	nd		-7.01	-0.99	-5.63	3.45	4.13	4.46	16.04	5.16	9.53	2.04
Difference			2.20	3.97	2.81	4.45	-3.81	N/A	N/A	N/A	N/A	N/A
Real Estate												
American Realty	6,196,650	7.8	12.82	11.34	11.10	N/A						
NCREIF Property Index			13.48	11.26	11.00	11.00	16.10	5.84	-22.09	5.27	17.31	17.62
Difference			-0.66	0.08	0.10	N/A						



Historical Rolling Performance Total Fund Composite As of June 30, 2016

Historical Rolling F	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
06/30/2016	2.12	2.09	8.45	8.36	7.67
03/31/2016	1.89	0.03	7.88	8.03	7.65
12/31/2015	3.42	1.00	9.66	8.53	7.65
09/30/2015	-5.13	1.46	8.91	9.06	7.58
06/30/2015	0.06	5.55	12.48	11.97	7.91
03/31/2015	2.88	9.19	11.63	10.75	8.00
12/31/2014	3.89	7.80	13.55	11.04	7.96
09/30/2014	-1.31	10.95	14.82	10.92	7.86
06/30/2014	3.52	18.38	11.51	13.73	8.02
03/31/2014	1.57	14.94	10.45	15.10	7.94
12/31/2013	6.92	21.12	11.41	13.81	7.96
09/30/2013	5.30	14.75	11.08	9.91	7.72
06/30/2013	0.51	13.90	12.11	7.06	7.56
03/31/2013	7.03	10.83	9.90	6.97	7.62
12/31/2012	1.30	12.13	8.93	4.48	7.37
09/30/2012	4.52	18.89	9.66	3.88	7.39
06/30/2012	-2.20	2.85	12.16	3.42	7.25
03/31/2012	8.29	5.76	16.62	4.58	7.46
12/31/2011	7.40	1.83	12.03	3.29	7.13
09/30/2011	-9.58	0.46	5.54	2.69	6.83
06/30/2011	0.57	20.27	6.29	5.50	7.49
03/31/2011	4.26	13.24	6.11	5.13	7.55
12/31/2010	5.96	13.22	2.92	4.93	7.42
09/30/2010	8.25	10.42	0.43	4.00	7.19
06/30/2010	-5.31	14.08	-1.48	2.78	6.83
03/31/2010	4.24	32.44	1.46	4.45	7.25
12/31/2009	3.34	21.96	0.66	3.43	7.10
09/30/2009	11.84	5.99	0.97	3.94	7.01
06/30/2009	9.93	-12.48	-1.61	1.52	6.42
03/31/2009	-4.01	-20.33	-5.03	-0.23	5.92
12/31/2008	-10.19	-21.04	-2.69	1.02	6.28
09/30/2008	-7.65	-13.46	1.30	4.58	7.07
06/30/2008	0.07	-4.22	4.74	6.61	7.71
03/31/2008	-4.87	-1.01	5.61	8.37	7.83
12/31/2007	-1.56	5.93	7.13	9.19	8.30
09/30/2007	2.21	12.22	9.77	10.36	8.55
06/30/2007	3.42	13.61	8.76	8.57	8.54
03/31/2007	1.80	8.60	7.82	6.77	8.44
12/31/2006	4.29	10.16	7.94	6.38	8.46
09/30/2006	3.47	7.04	8.81	6.41	8.30

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



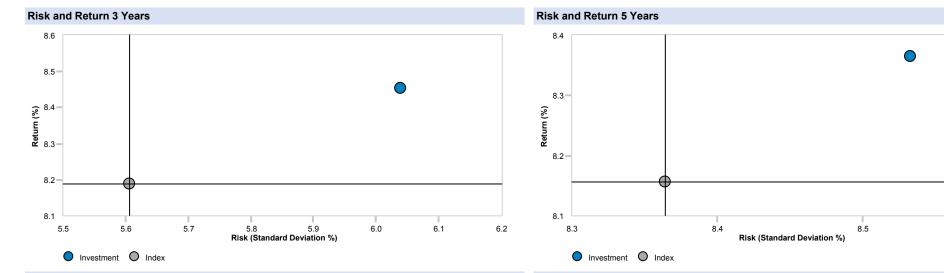
Historical Rolling Performance Total Fund Policy Index As of June 30, 2016

Historical Rolling P	erformance				
	QTR	1 YR	3 YR	5 YR	Inception
06/30/2016	2.14	3.11	8.19	8.16	8.45
03/31/2016	2.03	0.53	7.64	7.93	8.45
12/31/2015	3.54	0.91	9.20	8.40	8.45
09/30/2015	-4.45	0.81	8.31	9.11	8.38
06/30/2015	-0.41	4.09	11.64	12.02	8.69
03/31/2015	2.41	8.34	11.06	10.71	8.81
12/31/2014	3.44	7.66	13.13	11.13	8.80
09/30/2014	-1.34	10.35	14.66	11.19	8.74
06/30/2014	3.65	17.99	11.30	14.11	8.91
03/31/2014	1.78	14.51	10.37	16.04	8.83
12/31/2013	6.02	19.85	11.27	13.96	8.85
09/30/2013	5.49	14.21	11.60	9.38	8.66
06/30/2013	0.60	13.30	12.83	6.70	8.49
03/31/2013	6.52	10.41	10.27	6.48	8.57
12/31/2012	1.03	12.20	9.52	4.03	8.34
09/30/2012	4.65	19.60	10.48	3.62	8.39
06/30/2012	-1.97	3.15	13.12	3.07	8.25
03/31/2012	8.25	6.34	18.50	4.27	8.47
12/31/2011	7.70	2.45	12.65	3.06	8.14
09/30/2011	-9.75	1.75	4.65	2.58	7.83
06/30/2011	1.06	22.90	5.77	5.39	8.53
03/31/2011	4.29	14.20	5.25	4.87	8.59
12/31/2010	6.97	14.28	1.96	4.83	8.46
09/30/2010	9.02	10.81	-0.61	3.80	8.18
06/30/2010	-6.10	14.16	-2.82	2.66	7.78
03/31/2010	4.36	37.03	0.49	4.46	8.28
12/31/2009	3.72	22.10	-0.23	3.29	8.14
09/30/2009	12.31	1.64	0.24	4.04	8.03
06/30/2009	12.71	-15.67	-2.50	1.60	7.41
03/31/2009	-7.00	-25.49	-6.77	-0.75	6.75
12/31/2008	-13.66	-24.03	-3.20	1.30	7.33
09/30/2008	-6.81	-12.83	2.28	6.06	8.44
06/30/2008	-0.42	-4.68	5.79	8.26	9.06
03/31/2008	-5.18	-0.61	6.79	10.78	9.24
12/31/2007	-0.94	7.05	8.22	11.45	9.78
09/30/2007	1.90	13.68	11.22	12.81	10.02
06/30/2007	3.84	15.29	10.44	10.04	10.06
03/31/2007	2.13	9.43	9.16	7.90	9.95
12/31/2006	5.20	11.54	9.47	7.73	9.97
09/30/2006	3.34	7.97	10.64	8.42	9.76

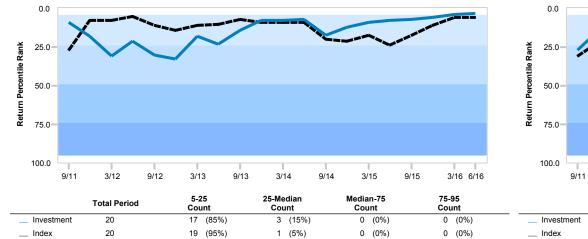
Returns for periods greater than one year are annualized. Returns are expressed as percentages.



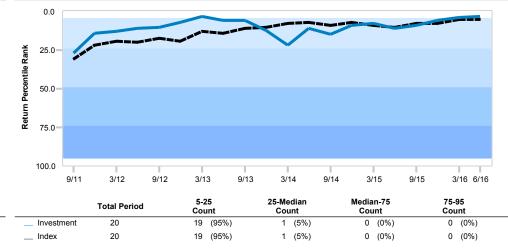
Historical Statistic	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.45	6.04	1.37	103.30	10.00	103.02	2.00	Investment	8.36	8.53	0.99	102.21	16.00	101.42	4.00
Index	8.19	5.61	1.43	100.00	9.00	100.00	3.00	Index	8.16	8.36	0.98	100.00	15.00	100.00	5.00







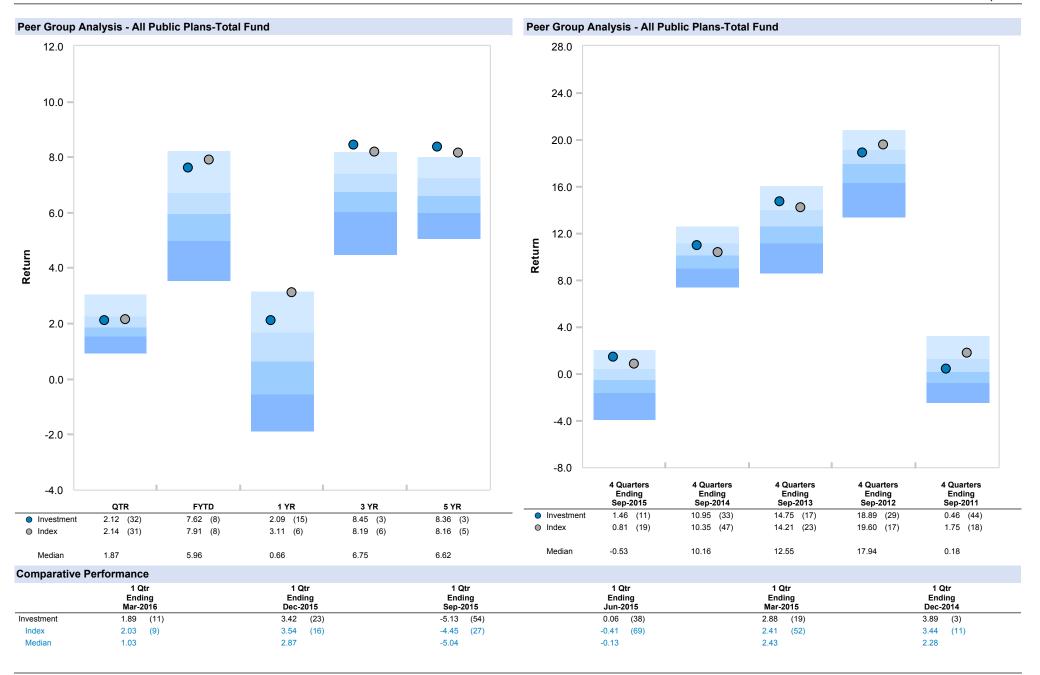
5 Year Rolling Percentile Rank All Public Plans-Total Fund



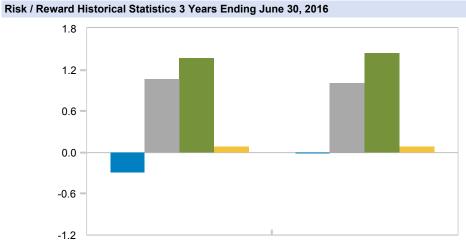


8.6

Strategy Review Total Fund Composite | Total Fund Policy Index As of June 30, 2016

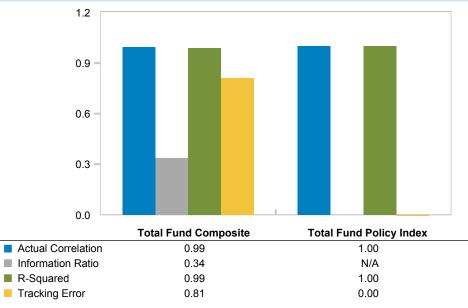






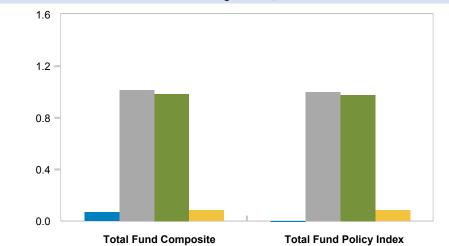
	Total Fund Composite	Total Fund Policy Index
Alpha	-0.29	0.00
Beta	1.07	1.00
Sharpe Ratio	1.37	1.43
Treynor Ratio	0.08	0.08





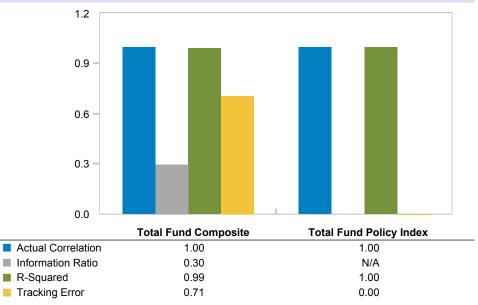
Benchmark: Total Fund Policy Index

Risk / Reward Historical Statistics 5 Years Ending June 30, 2016



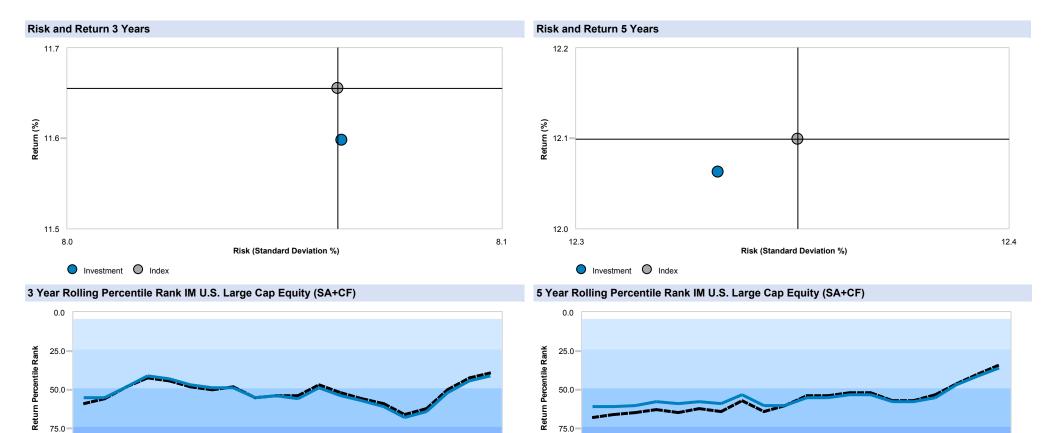
	Total Fund Composite	Total Fund Policy Index	
Alpha	0.07	0.00	
Beta	1.02	1.00	
Sharpe Ratio	0.99	0.98	
Treynor Ratio	0.08	0.08	

Benchmark Relative Historical Statistics 5 Years Ending June 30, 2016



BOGDAHN GROUP.

Historical Statistics	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.60	8.06	1.41	99.69	11.00	100.49	1.00	Investment	12.06	12.33	0.99	99.74	16.00	99.85	4.00
Index	11.66	8.06	1.42	100.00	11.00	100.00	1.00	Index	12.10	12.35	0.99	100.00	16.00	100.00	4.00



100.0

Investment

__ Index

9/11

3/12

Total Period

20

20

9/12

3/13

5-25

Count

0 (0%)

0 (0%)

9/13

3/14

25-Median

Count

3 (15%)

3 (15%)

9/15

3/16 6/16

75-95

Count

0 (0%)

0 (0%)

9/14

3/15

Median-75

Count

17 (85%)

17 (85%)

__ Index

100.0

Investment

9/11

9/12

3/12

Total Period

20

20

3/13

5-25

Count

0 (0%)

0 (0%)

9/13

3/14

25-Median

Count

9 (45%)

10 (50%)

9/14

3/15

Median-75

Count

11 (55%)

10 (50%)

9/15

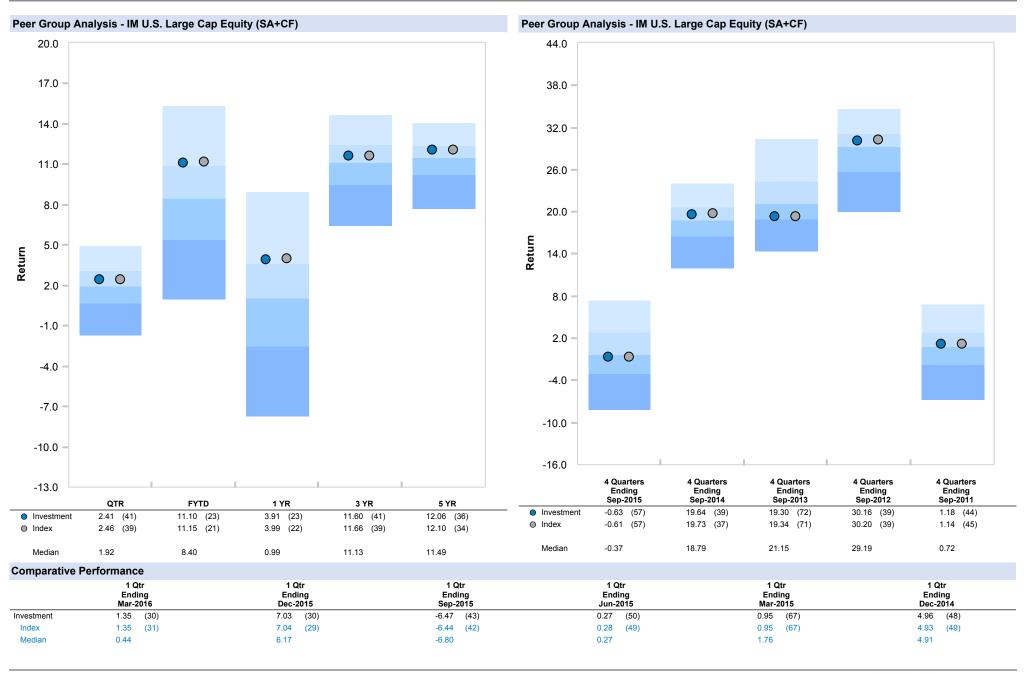
3/16 6/16

75-95

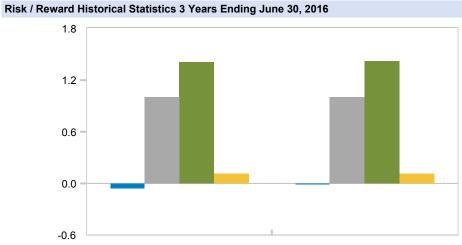
Count

0 (0%)

0 (0%)

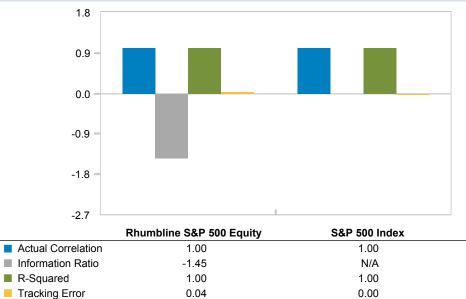




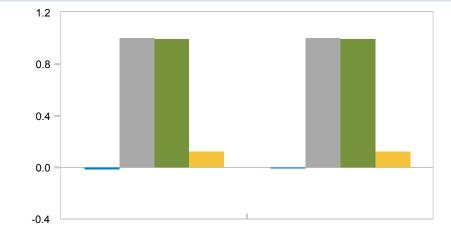


	Rhumbline S&P 500 Equity	S&P 500 Index
Alpha	-0.05	0.00
Beta	1.00	1.00
Sharpe Ratio	1.41	1.42
Treynor Ratio	0.11	0.11

Benchmark Relative Historical Statistics 3 Years Ending June 30, 2016

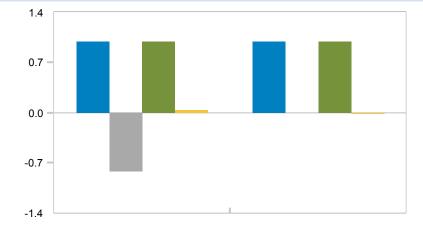


Risk / Reward Historical Statistics 5 Years Ending June 30, 2016



	Rhumbline S&P 500 Equity	S&P 500 Index	
Alpha	-0.02	0.00	
Beta	1.00	1.00	
Sharpe Ratio	0.99	0.99	
Treynor Ratio	0.12	0.12	

Benchmark Relative Historical Statistics 5 Years Ending June 30, 2016



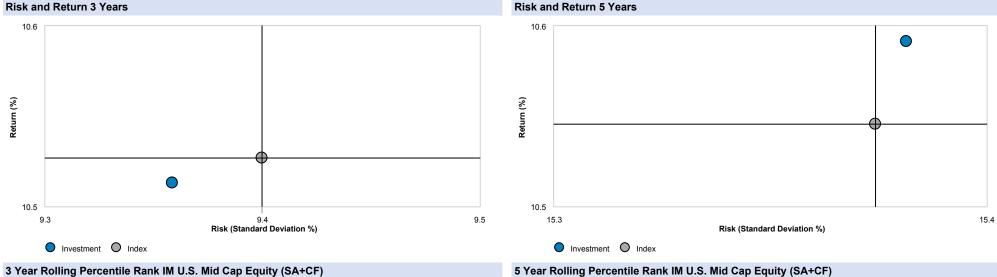
	Rhumbline S&P 500 Equity	S&P 500 Index	
Actual Correlation	1.00	1.00	_
Information Ratio	-0.82	N/A	
R-Squared	1.00	1.00	
Tracking Error	0.04	0.00	

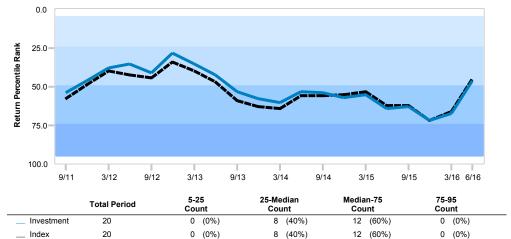
Benchmark: S&P 500 Index



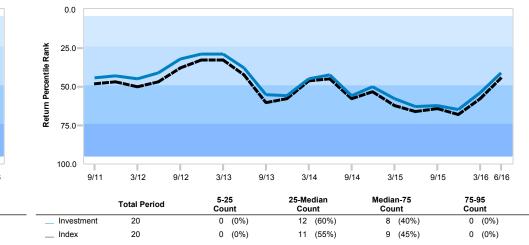
Strategy Review Rhumbline S&P 400 Equity | S&P MidCap 400 Index As of June 30, 2016

Historical Statistics 3 Years							Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.51	9.36	1.12	99.73	9.00	99.48	3.00	Investment	10.59	15.38	0.74	100.06	15.00	99.60	5.00
Index	10.53	9.40	1.12	100.00	9.00	100.00	3.00	Index	10.55	15.37	0.74	100.00	15.00	100.00	5.00



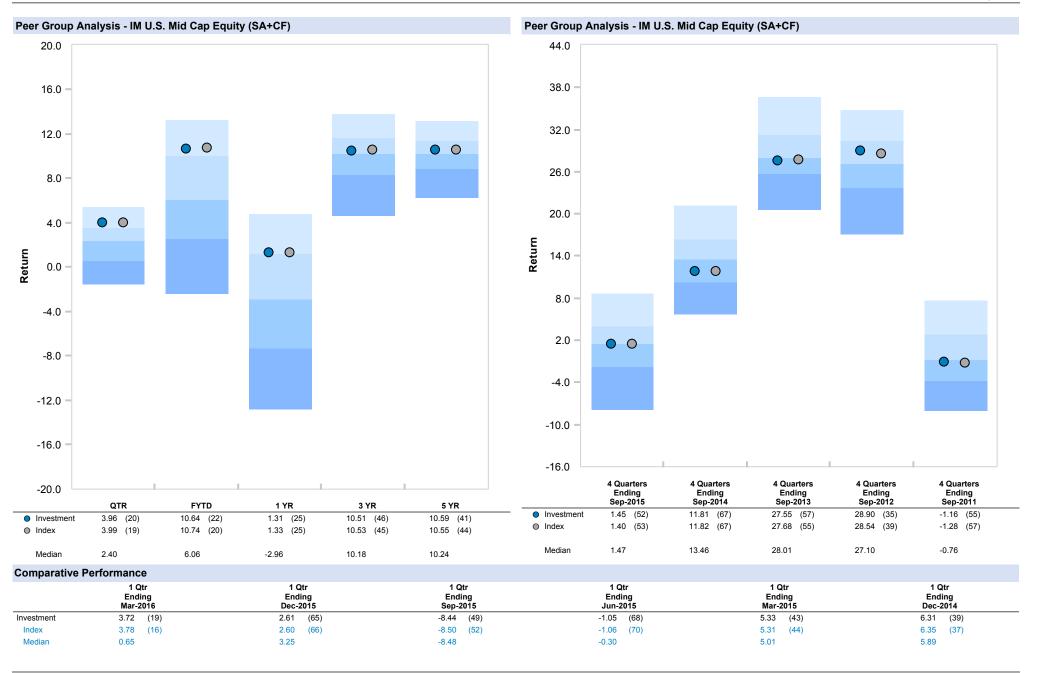


5 Year Rolling Percentile Rank IM U.S. Mid Cap Equity (SA+CF)

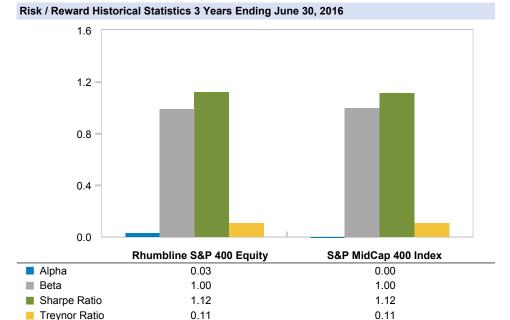




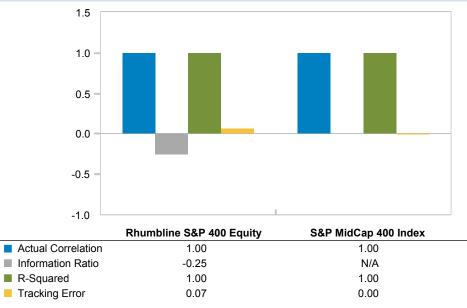
Strategy Review Rhumbline S&P 400 Equity | S&P MidCap 400 Index As of June 30, 2016





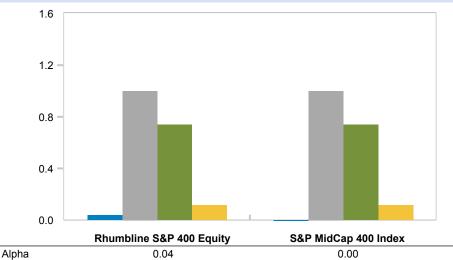






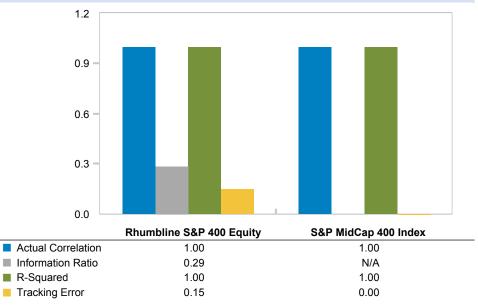
Benchmark: S&P MidCap 400 Index

Risk / Reward Historical Statistics 5 Years Ending June 30, 2016



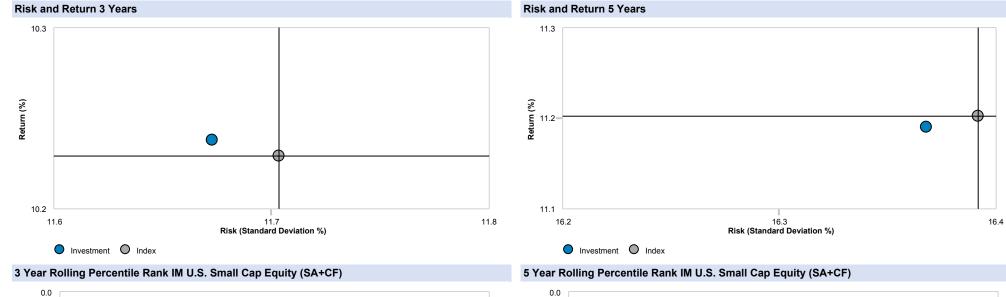
	Rhumbline S&F 400 Equity	Sar middap 400 midex	
Alpha	0.04	0.00	
Beta	1.00	1.00	
Sharpe Ratio	0.74	0.74	
Treynor Ratio	0.11	0.11	

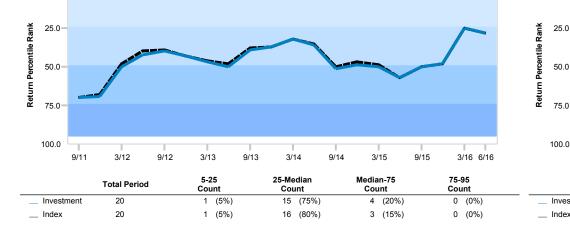
Benchmark Relative Historical Statistics 5 Years Ending June 30, 2016

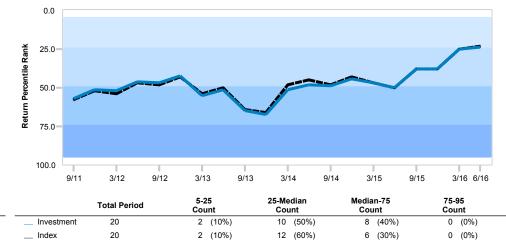


BOGDAHN GROUP

Historical Statistics 3 Years								Historical Statistics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.24	11.67	0.90	99.87	10.00	99.52	2.00	Investment	11.19	16.37	0.74	99.83	16.00	99.75	4.00
Index	10.23	11.70	0.89	100.00	10.00	100.00	2.00	Index	11.20	16.39	0.74	100.00	16.00	100.00	4.00

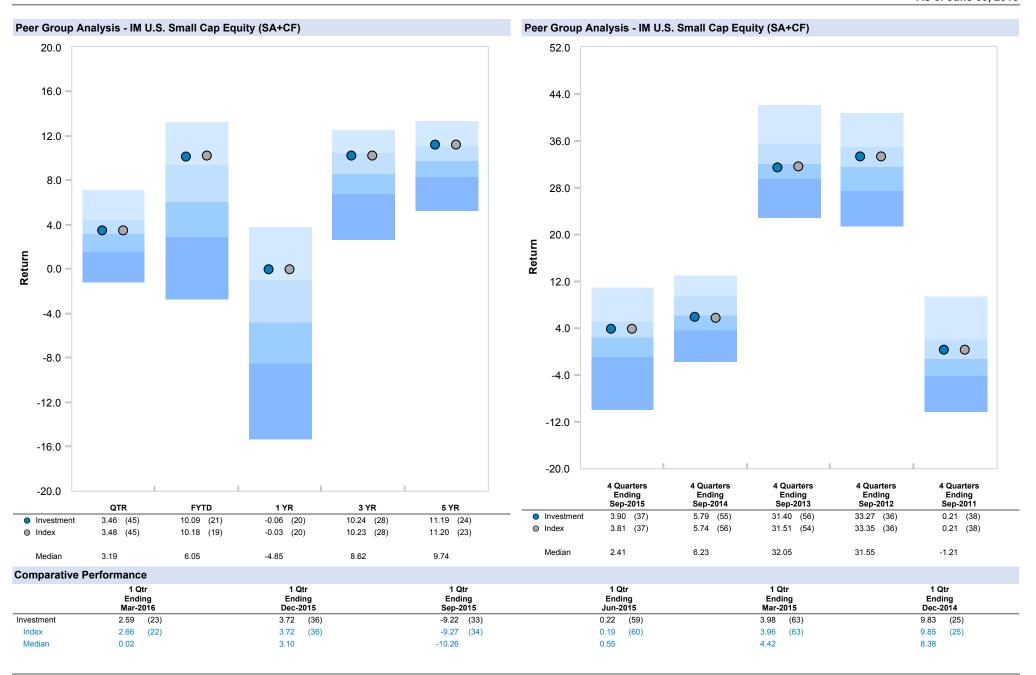




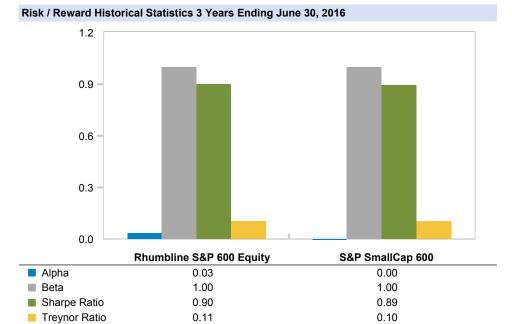




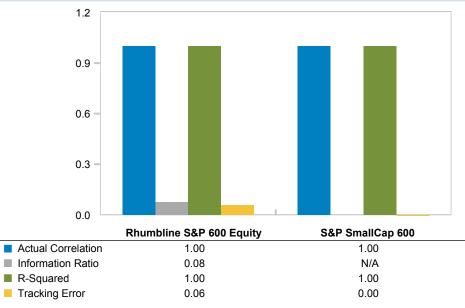
Strategy Review Rhumbline S&P 600 Equity | S&P SmallCap 600 As of June 30, 2016





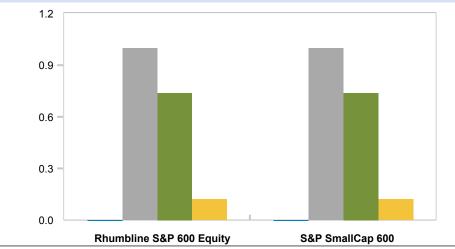


Benchmark Relative Historical Statistics 3 Years Ending June 30, 2016



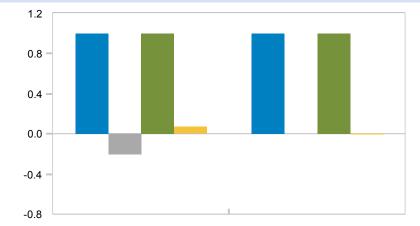
Benchmark: S&P SmallCap 600

Risk / Reward Historical Statistics 5 Years Ending June 30, 2016



	Rhumbline S&P 600 Equity	S&P SmallCap 600	
Alpha	0.00	0.00	
Beta	1.00	1.00	
Sharpe Ratio	0.74	0.74	
Treynor Ratio	0.12	0.12	

Benchmark Relative Historical Statistics 5 Years Ending June 30, 2016



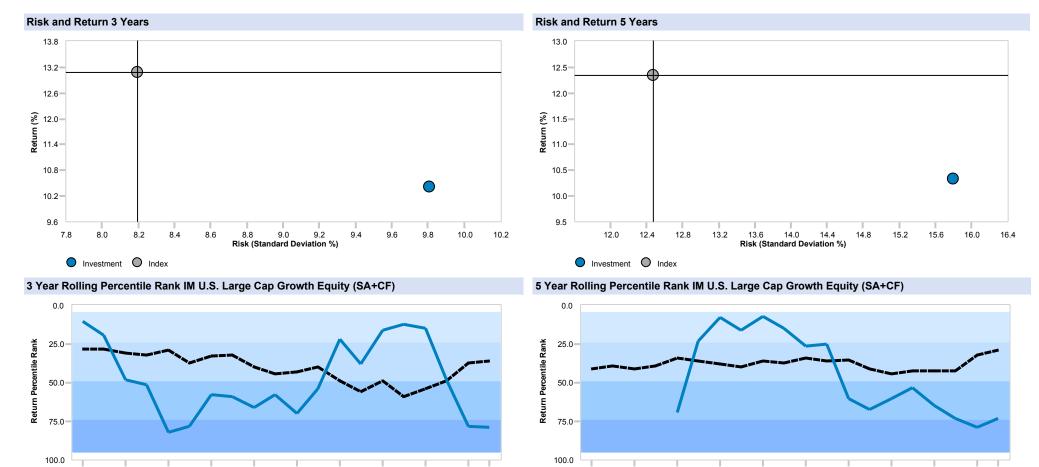
	Rhumbline S&P 600 Equity	S&P SmallCap 600	
Actual Correlation	1.00	1.00	
Information Ratio	-0.20	N/A	
R-Squared	1.00	1.00	
Tracking Error	0.08	0.00	



Strategy Review Highland Capital Equity | Russell 1000 Growth Index

As of June 30, 2016

Historical Statistic	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.42	9.81	1.06	89.55	8.00	143.85	4.00	Investment	10.33	15.80	0.71	100.29	14.00	129.33	6.00
Index	13.07	8.20	1.55	100.00	11.00	100.00	1.00	Index	12.35	12.47	1.00	100.00	16.00	100.00	4.00

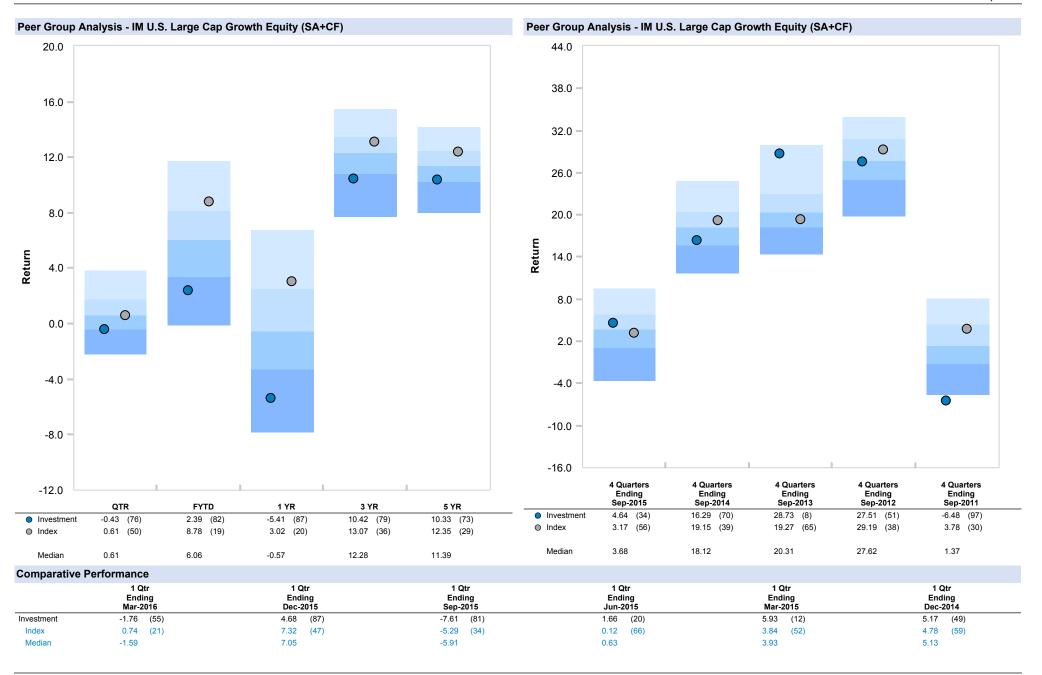


9/11	3/12	9/12	3/13	9/13	3/14	9/14	3/15	9/15	3/16 6/16	9/11	3/12	9/12	3/13	9/13	3/14	9/14	3/15	9/15	3/16 6/16	
	Total Period	I	5-25 Count		25-Median Count		Median-75 Count		75-95 Count		Total Perio	bd	5-25 Count		25-Median Count		Median-75 Count		75-95 Count	
Investment	20		6 (30%	6)	3 (15%)	7 (35%))	4 (20%)	Investment	16		6 (38%	%)	1 (6%))	8 (50%))	1 (6%)	-
Index	20		0 (0%))	17 (85%)	3 (15%)		0 (0%)	Index	20		0 (0%)	20 (100	%)	0 (0%)		0 (0%)	

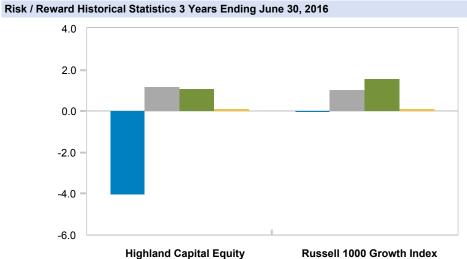
BOGDAHN GROUP.

Page 37

Strategy Review Highland Capital Equity | Russell 1000 Growth Index As of June 30, 2016

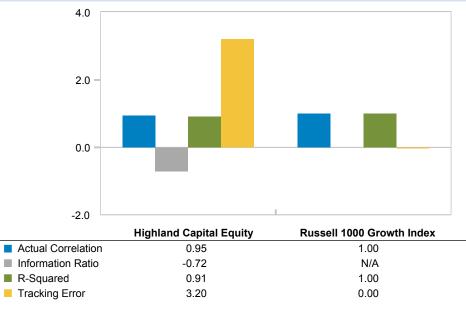






	Highland Capital Equity	Russell 1000 Growth Index	
Alpha	-4.02	0.00	
Beta	1.14	1.00	
Sharpe Ratio	1.06	1.55	
Treynor Ratio	0.09	0.13	

Benchmark Relative Historical Statistics 3 Years Ending June 30, 2016



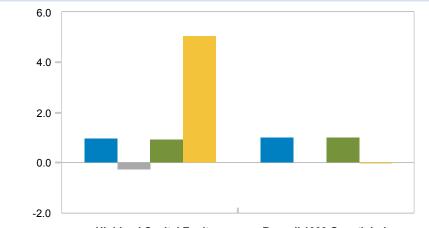
Benchmark: Russell 1000 Growth Index

Risk / Reward Historical Statistics 5 Years Ending June 30, 2016



	Highland Capital Equity	Russell 1000 Growth Index
Alpha	-4.05	0.00
Beta	1.22	1.00
Sharpe Ratio	0.71	1.00
Treynor Ratio	0.09	0.13

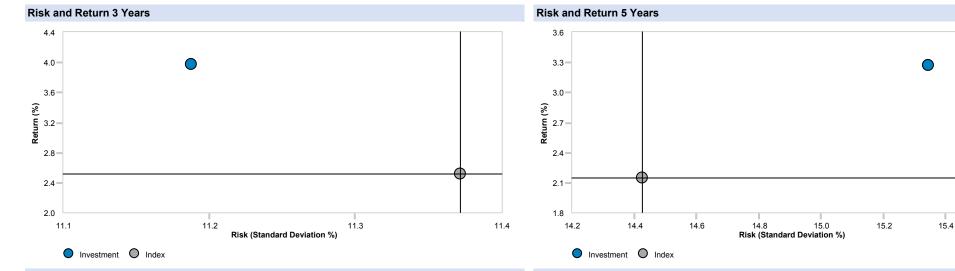
Benchmark Relative Historical Statistics 5 Years Ending June 30, 2016



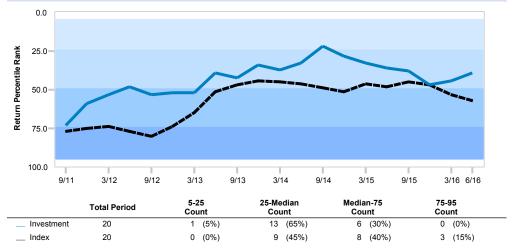
	Highland Capital Equity	Russell 1000 Growth Index
Actual Correlation	0.96	1.00
Information Ratio	-0.27	N/A
R-Squared	0.93	1.00
Tracking Error	5.05	0.00



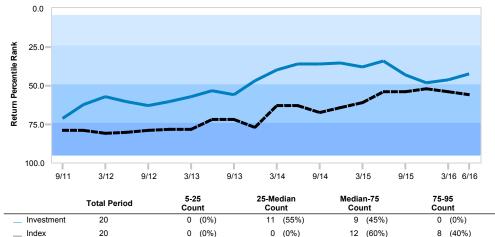
Historical Statistic	s 3 Years						Historical Statis	stics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.97	11.19	0.40	95.98	8.00	76.64	4.00	Investment	3.27	15.35	0.29	104.17	13.00	92.99	7.00
Index	2.52	11.37	0.27	100.00	7.00	100.00	5.00	Index	2.15	14.43	0.22	100.00	12.00	100.00	8.00



3 Year Rolling Percentile Rank IM International Equity (SA+CF)



5 Year Rolling Percentile Rank IM International Equity (SA+CF)





15.6

Page 40

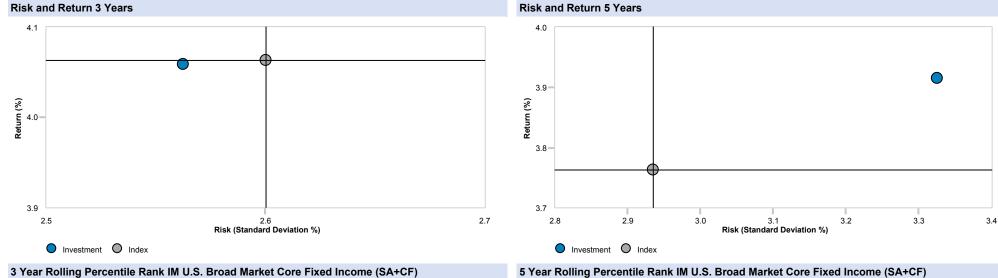
Strategy Review Vanguard International Equity | MSCI EAFE Index As of June 30, 2016



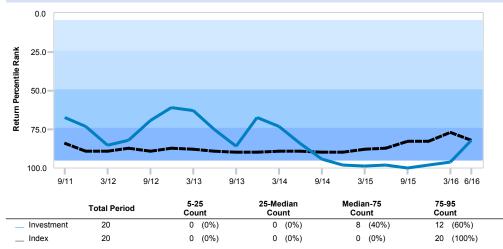


Strategy Review Highland Capital Fixed Income | Barclays Aggregate Index As of June 30, 2016

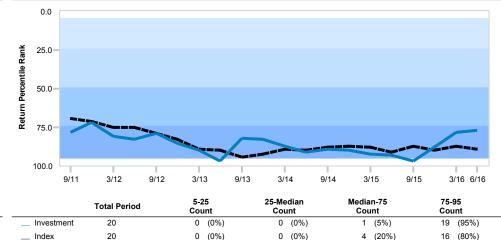
Historical Statistic	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	4.06	2.56	1.56	95.20	10.00	71.58	2.00	Investment	3.92	3.33	1.16	103.18	14.00	98.85	6.00
Index	4.06	2.60	1.54	100.00	9.00	100.00	3.00	Index	3.76	2.94	1.26	100.00	15.00	100.00	5.00



__ Index



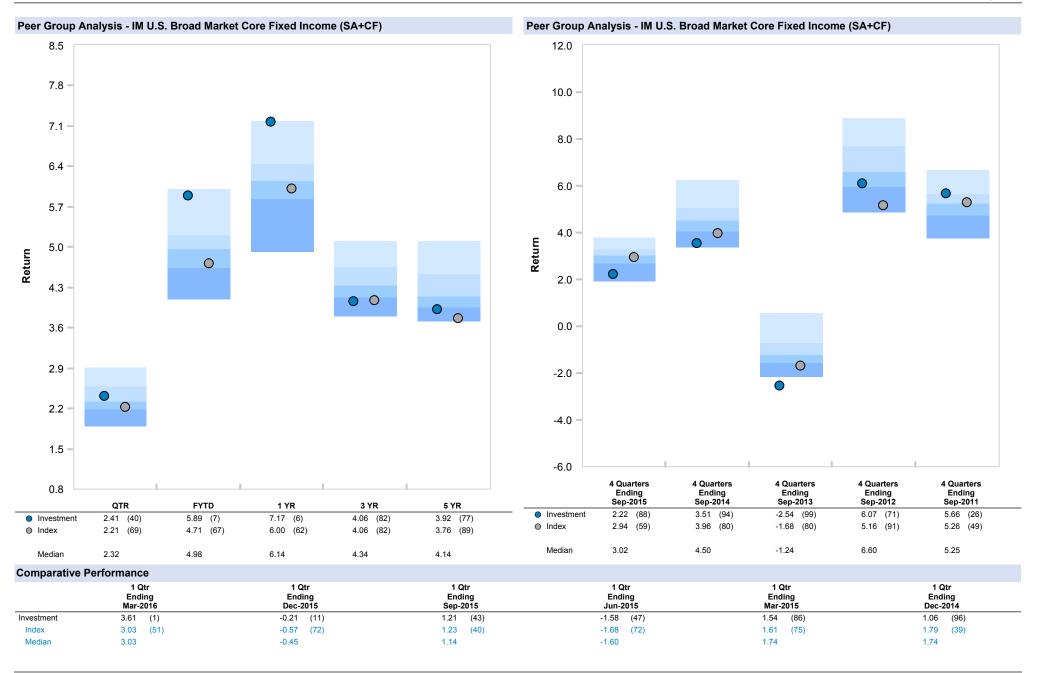
5 Year Rolling Percentile Rank IM U.S. Broad Market Core Fixed Income (SA+CF)





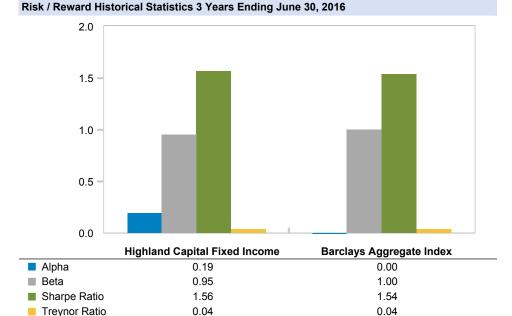
Page 42

Strategy Review Highland Capital Fixed Income | Barclays Aggregate Index As of June 30, 2016



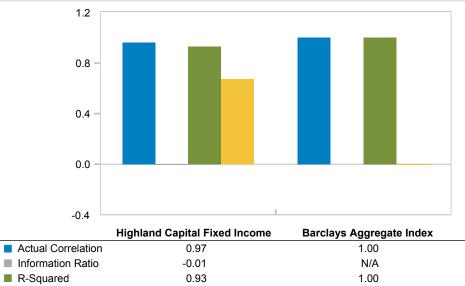


Portfolio Comparison Highland Fixed Income As of June 30, 2016



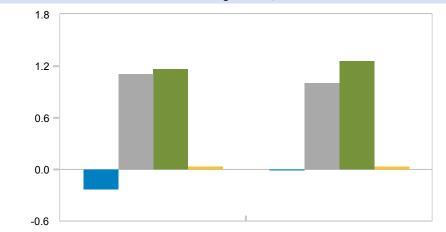
Benchmark Relative Historical Statistics 3 Years Ending June 30, 2016

0.68



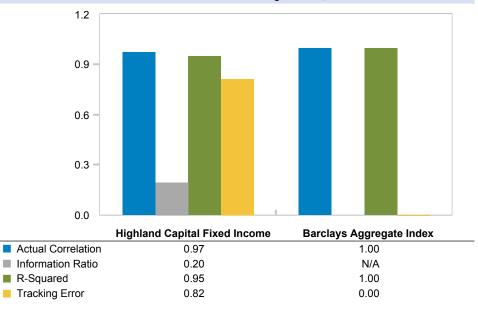
0.00

Risk / Reward Historical Statistics 5 Years Ending June 30, 2016



	Highland Capital Fixed Income	Barclays Aggregate Index
Alpha	-0.23	0.00
Beta	1.10	1.00
Sharpe Ratio	1.16	1.26
Treynor Ratio	0.03	0.04

Benchmark Relative Historical Statistics 5 Years Ending June 30, 2016



BOGDAHN GROUP

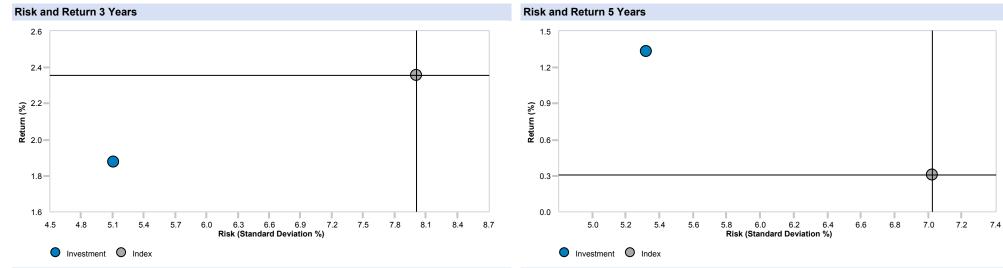
Benchmark: Barclays Aggregate Index

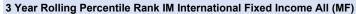
Tracking Error

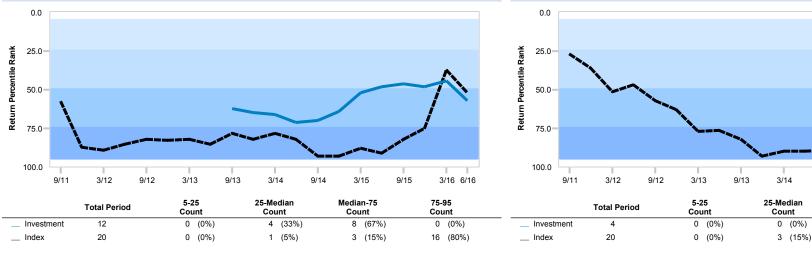
Strategy Review Oppenheimer Dreyfus | Citigroup Non-U.S. World Government Bond

As of June 30, 2016

Historical Statistic	cs 3 Years						Historical Statis	stics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.88	5.11	0.38	29.12	8.00	7.26	4.00	Investment	1.34	5.32	0.26	33.72	12.00	10.03	8.00
Index	2.36	8.02	0.32	100.00	6.00	100.00	6.00	Index	0.31	7.02	0.07	100.00	9.00	100.00	11.00







5 Year Rolling Percentile Rank IM International Fixed Income All (MF)



9/15

3/16 6/16

75-95

Count

0 (0%)

13 (65%)

9/14

3/15

Median-75

Count

4 (100%)

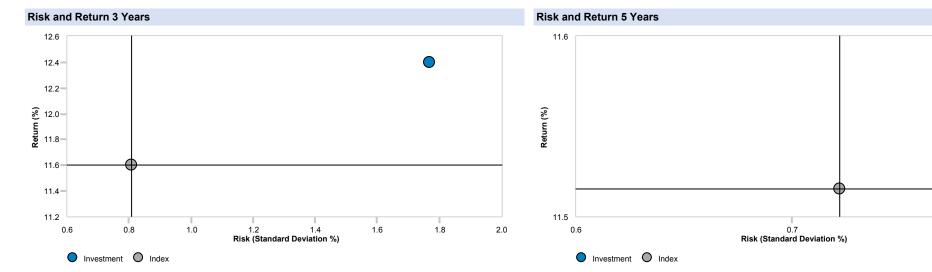
4 (20%)

Strategy Review Oppenheimer Dreyfus | Citigroup Non-U.S. World Government Bond As of June 30, 2016

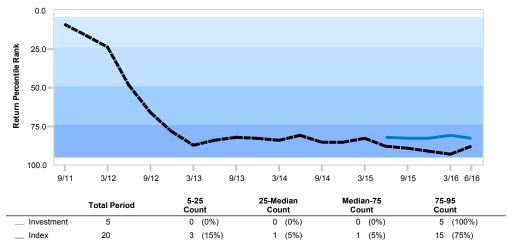




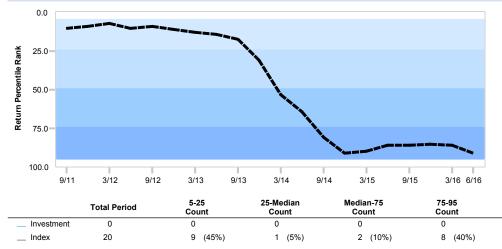
Historical Statistics	s 3 Years						Historical Statis	stics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	12.40	1.77	6.61	106.67	12.00	N/A	N/A	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	11.61	0.81	13.23	100.00	12.00	N/A	N/A	Index	11.52	0.72	14.78	100.00	20.00	N/A	N/A







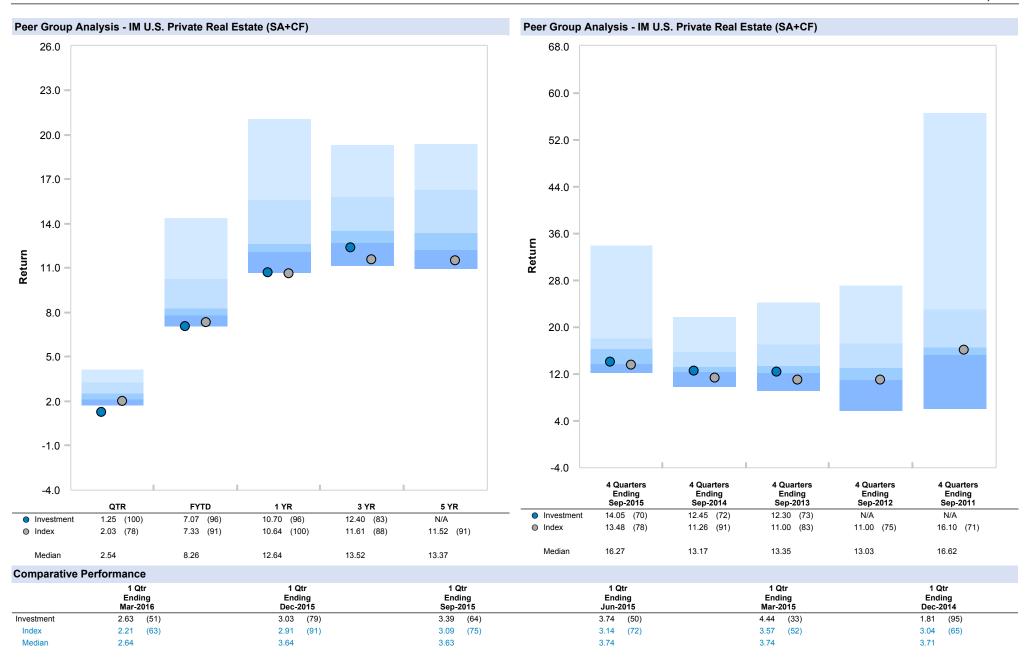
5 Year Rolling Percentile Rank IM U.S. Private Real Estate (SA+CF)



0.8

Page 47

Strategy Review American Realty | NCREIF Property Index As of June 30, 2016





Benchmark History Investment Policy Benchmarks As of June 30, 2016

Total Policy Historical Hybrid Composition		Total Equity Historical Hybrid Composition	
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Mar-1992		Jun-2000	
Barclays Aggregate Index	35.00	S&P 500 Index	100.00
S&P 500 Index	25.00		
S&P MidCap 400 Index	10.00	Jan-2003	
Russell 1000 Growth Index	10.00	S&P 500 Index	80.00
S&P SmallCap 600	10.00	S&P MidCap 400 Index	20.00
MSCI EAFE Index	10.00	lan 2004	
		Jan-2004	co.oo
Oct-2010		S&P 500 Index	60.00
Barclays Aggregate Index	31.00	S&P MidCap 400 Index	20.00
S&P 500 Index	25.00	S&P SmallCap 600	20.00
S&P MidCap 400 Index	10.00	Jan-2007	
Russell 1000 Growth Index	10.00	S&P 500 Index	62.00
MSCI EAFE Index	10.00	S&P MidCap 400 Index	15.00
S&P SmallCap 600	10.00	S&P SmallCap 600	15.00
Citigroup Non-U.S. World Government Bond	4.00	MSCI EAFE Index	8.00
Apr-2012		Oct-2007	
Barclays Aggregate Index	29.00	S&P 500 Index	38.40
S&P 500 Index	25.00	S&P MidCap 400 Index	15.40
S&P MidCap 400 Index	10.00	S&P SmallCap 600	15.40
Russell 1000 Growth Index	10.00	MSCI EAFE Index	15.40
MSCI EAFE Index	10.00	Russell 1000 Growth Index	15.40
S&P SmallCap 600	10.00		10.10
Citigroup Non-U.S. World Government Bond	4.00		
NCREIF Property Index	2.00		
Oct-2015			
Barclays Aggregate Index	26.00		
S&P 500 Index	25.00		
S&P MidCap 400 Index	10.00		
Russell 1000 Growth Index	10.00		
MSCI EAFE Index	10.00	Total Fixed Income Historical Hybrid Composition	I
S&P SmallCap 600	10.00	Allocation Mandate	Weight (%)
Citigroup Non-U.S. World Government Bond	4.00		
NCREIF Property Index	5.00	Apr-1994 Bardova Aggregato Index	89.00
		Barclays Aggregate Index	11.00
		Citigroup Non-U.S. World Government Bond	11.00



Palm Beach Gardens Police Review of International Equity & Bond Funds



Mutual Fund Info	from Lipper
Product Name :	Vanguard Intl Val;Inv (VTRIX)
Fund Family :	Vanguard Group Inc
Ticker :	VTRIX
Peer Group :	IM International Large Cap Value Equity (MF)
Benchmark :	MSCI EAFE Value
Fund Inception :	05/16/1983
Portfolio Manager :	Team Managed
Total Assets :	\$7,631 Million
Total Assets Date :	06/30/2016
Gross Expense :	0.46%
Net Expense :	0.46%
Turnover :	36%

Summary Description

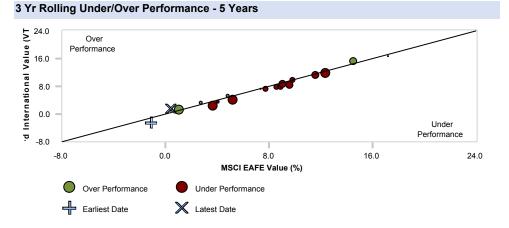
The investment seeks to provide long-term capital appreciation. The fund invests mainly in common stocks of companies located outside the United States that are considered by an advisor to be undervalued. Such stocks, called value stocks, often are out of favor in periods when investors are drawn to companies with strong prospects for growth. It invests in large -, mid-, and small-capitalization companies and is expected to diversify its assets in countries across developed and emerging markets. The fund uses multiple investment advisors.

Peer Group Analysis - IM International Large Cap Value Equity (MF)

20.00 —								• •	• •	
5.00 - 5.00 - -10.00 - -25.00 -	•	•	•	• •	• 0	0	• •			• •
-40.00	OTR	YTD	1 VR	3 VR	5 YR	2015	2014	2013	2012	2011
	QTR 0.13 (13)	YTD -0.39 (14)	1 YR	<u>3 YR</u> 1 32 (13)	5 YR 1.23 (18)	2015	2014	2013 22 15 (29)	2012 20.18 (18)	2011
 -40.00 Vanguard International Value (VTRIX) MSCI EAFE Value 	QTR 0.13 (13) -2.44 (46)	YTD -0.39 (14) -6.18 (59)	1 YR -11.62 (29) -14.91 (65)	3 YR 1.32 (13) 0.42 (40)	5 YR 1.23 (18) 0.61 (30)	2015 -6.44 (98) -5.22 (89)	2014 -6.69 (23) -4.92 (14)	2013 22.15 (29) 23.59 (12)	2012 20.18 (18) 18.43 (40)	2011 -14.58 (77) -11.65 (24)
Vanguard International Value (VTRIX)	0.13 (13)	-0.39 (14)	-11.62 (29)	1.32 (13)	1.23 (18)	-6.44 (98)	-6.69 (23)	22.15 (29)	20.18 (18)	-14.58 (77)
 Vanguard International Value (VTRIX) MSCI EAFE Value Median 	0.13 (13) -2.44 (46)	-0.39 (14) -6.18 (59)	-11.62 (29) -14.91 (65)	1.32 (13) 0.42 (40)	1.23 (18) 0.61 (30)	-6.44 (98) -5.22 (89)	-6.69 (23) -4.92 (14)	22.15 (29) 23.59 (12)	20.18 (18) 18.43 (40)	-14.58 (77) -11.65 (24)
 Vanguard International Value (VTRIX) MSCI EAFE Value Median 	0.13 (13) -2.44 (46)	-0.39 (14) -6.18 (59)	-11.62 (29) -14.91 (65) -13.34	1.32 (13) 0.42 (40)	1.23 (18) 0.61 (30)	-6.44 (98) -5.22 (89)	-6.69 (23) -4.92 (14)	22.15 (29) 23.59 (12)	20.18 (18) 18.43 (40) 17.65 Atr	-14.58 (77) -11.65 (24)
 Vanguard International Value (VTRIX) MSCI EAFE Value Median 	0.13 (13) -2.44 (46)	-0.39 (14) -6.18 (59) -5.97 1 Qtr Ending	-11.62 (29) -14.91 (65) -13.34	1.32 (13) 0.42 (40) 0.03	1.23 (18) 0.61 (30) 0.13 1 Qtr Ending	-6.44 (98) -5.22 (89) -2.78	-6.69 (23) -4.92 (14) -8.70 1 Qtr Ending	22.15 (29) 23.59 (12) 21.39 1 C End Mar-2	20.18 (18) 18.43 (40) 17.65 Atr	-14.58 (77) -11.65 (24) -13.55 1 Qtr Ending
 Vanguard International Value (VTRIX) MSCI EAFE Value 	0.13 (13) -2.44 (46)	-0.39 (14) -6.18 (59) -5.97 1 Qtr Ending Mar-2016	-11.62 (29) -14.91 (65) -13.34 1 Et De	1.32 (13) 0.42 (40) 0.03 I Qtr nding c-2015 9 (57)	1.23 (18) 0.61 (30) 0.13 1 Qtr Ending Sep-2015	-6.44 (98) -5.22 (89) -2.78	-6.69 (23) -4.92 (14) -8.70 1 Qtr Ending Jun-2015	22.15 (29) 23.59 (12) 21.39 1 C End Mar-2	20.18 (18) 18.43 (40) 17.65 2015 (71)	-14.58 (77) -11.65 (24) -13.55 1 Qtr Ending Dec-2014

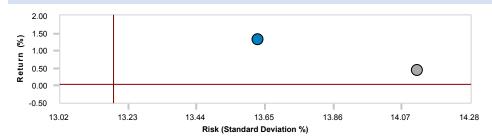


Performance Review Vanguard International Value (VTRIX) As of June 30, 2016



3 Yr Rolling Percentile Ranking - 5 Years 0 0.00 0 **Return Percentile Rank** 0 8 \bigcirc \bigcirc \bigcirc \bigcirc 25.00 \circ С \bigcirc \circ Õ 8 50.00 8 \bigcirc 75.00 100.00 6/16 9/11 3/12 9/12 3/13 9/13 3/14 9/14 3/15 9/15 Total 5-25 25-Median Median-75 75-95 Period Count Count Count Count • Vanguard International Value (VTRIX) 20 7 (35%) 10 (50%) 3 (15%) 0 (0%) MSCI EAFE Value 20 11 (55%) 7 (35%) 2 (10%) 0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Vanguard International Value (VTRIX)	1.32	13.63
MSCI EAFE Value	0.42	14.12
Median	0.03	13.19

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Value (VTRIX)	4.09	94.39	89.69	0.93	0.20	0.16	0.92	8.73
MSCI EAFE Value	0.00	100.00	100.00	0.00	N/A	0.10	1.00	9.37

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Value (VTRIX)	4.39	95.18	92.11	0.67	0.13	0.15	0.95	10.97
MSCI EAFE Value	0.00	100.00	100.00	0.00	N/A	0.11	1.00	11.18



Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Vanguard International Value (VTRIX)	1.23	15.84
MSCI EAFE Value	0.61	16.10
Median	0.13	15.61

Page 52

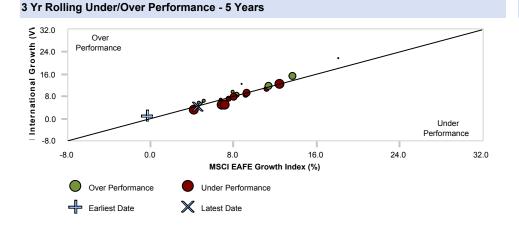
Mutual Fund Info	from Lipper	Summary Description
Product Name :	Vanguard Intl Gro;Adm (VWILX)	The investment seeks to provide long-term capital appreciation. The fund invests predominantly in the stocks of
Fund Family :	Vanguard Group Inc	companies located outside the United States and is expected to diversify its assets in countries across developed and
Ticker :	VWILX	emerging markets. In selecting stocks, the fund's advisors evaluate foreign markets around the world and choose
Peer Group :	IM International Large Cap Growth Equity (MF)	large-, mid-, and small-capitalization companies considered to have above-average growth potential. The fund uses
Benchmark :	MSCI EAFE Growth Index	multiple investment advisors.
Fund Inception :	08/13/2001	
Portfolio Manager :	Team Managed	
Total Assets :	\$14,547 Million	
Total Assets Date :	06/30/2016	
Gross Expense :	0.34%	
Net Expense :	0.34%	
Turnover :	29%	

Peer Group Analysis - IM International Large Cap Growth Equity (MF)

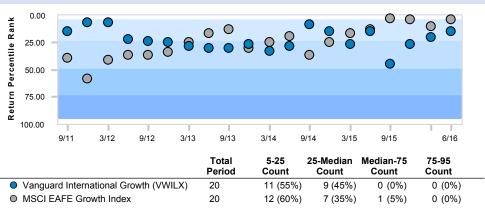
35.00 20.00 5.00 -10.00 -25.00	• 0	• 0	•	• •	• •	•	• 0		•	• •
-40.00	QTR	YTD	1 YR	3 YR	5 YR	2015	2014	2013	2012	2011
Vanguard International Growth (VWILX)	0.50 (16)	-1.51 (28)	-8.22 (23)	4.14 (15)	2.44 (23)	-0.54 (49)	-5.51 (64)	23.12 (5)	20.18 (30)	-13.58 (48)
MSCI EAFE Growth Index	0.05 (25)	-1.91 (29)	-4.44 (15)	4.55 (4)	3.61 (8)	4.47 (10)	-4.06 (41)	22.95 (8)	17.28 (67)	-11.82 (30)
	0.00 (20)		()			()			(0)	(00)
Median	-1.23	-3.49	-10.26	2.32	1.79	-0.57	-4.97	18.23	18.83	-13.61
Comparative Performance										
		1 Qtr Ending Mar-2016	Er	Qtr nding c-2015	1 Qtr Ending Sep-2015		1 Qtr Ending Jun-2015	En	Qtr ding -2015	1 Qtr Ending Dec-2014
Vanguard International Growth (VWILX)		-2.00 (29)	7.09	9 (3)	-12.99 (93))	1.18 (35)	5.49	(52)	-2.93 (74)
									(00)	0.05 (0.1)
MSCI EAFE Growth Index		-1.96 (28)	6.7) (7)	-8.69 (19)		1.19 (35)	5.97	(22)	-2.25 (61)



Performance Review Vanguard International Growth (VWILX) As of June 30, 2016



3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Return

4.14

4.55

2.32

Peer Group Scattergram - 5 Years



Standard Deviation		Return	Standard Deviation
14.34	Vanguard International Growth (VWILX)	2.44	16.70
12.36	MSCI EAFE Growth Index	3.61	14.67
12.48	Median	1.79	14.69

Historical Statistics - 3 Years

MSCI EAFE Growth Index

Vanguard International Growth (VWILX)

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Growth (VWILX)	3.69	106.25	109.46	-0.80	-0.04	0.35	1.13	9.03
MSCI EAFE Growth Index	0.00	100.00	100.00	0.00	N/A	0.42	1.00	7.63
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard International Growth (VWILX)	4.18	103.55	109.36	-1.31	-0.20	0.22	1.11	11.64
MSCI EAFE Growth Index	0.00	100.00	100.00	0.00	N/A	0.31	1.00	10.25





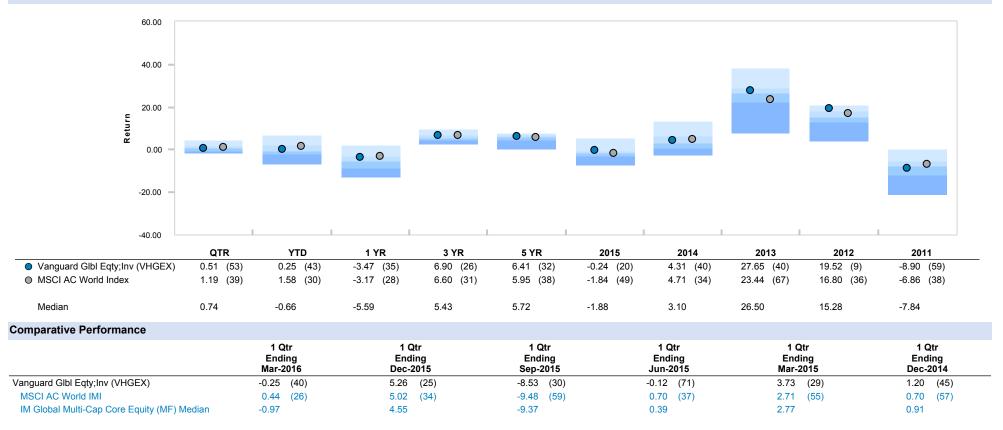
___ Median

Mutual Fund Info	from Lipper
Product Name :	Vanguard Glbl Eqty;Inv (VHGEX)
Fund Family :	Vanguard Group Inc
Ticker :	VHGEX
Peer Group :	IM Global Multi-Cap Core Equity (MF)
Benchmark :	MSCI AC World IMI
Fund Inception :	08/14/1995
Portfolio Manager :	Team Managed
Total Assets :	\$4,284 Million
Total Assets Date :	06/30/2016
Gross Expense :	0.57%
Net Expense :	0.57%
Turnover :	36%

Summary Description

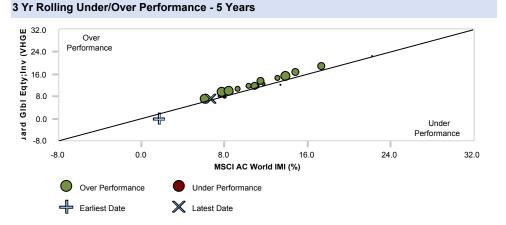
The investment seeks to provide long-term capital appreciation. The fund invests mainly in common stocks of companies located outside the United States that are considered by an advisor to be undervalued. Such stocks, called value stocks, often are out of favor in periods when investors are drawn to companies with strong prospects for growth. It invests in large -, mid-, and small-capitalization companies and is expected to diversify its assets in countries across developed and emerging markets. The fund uses multiple investment advisors.

Peer Group Analysis - IM Global Multi-Cap Core Equity (MF)

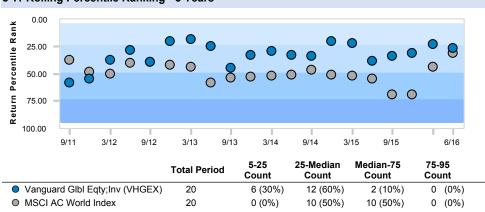




Performance Review Vanguard Glbl Eqty;Inv (VHGEX) As of June 30, 2016



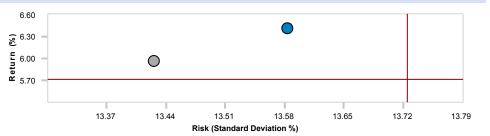
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Return

6.41

5.95

5.72

	Return	Standard Deviation	
Vanguard Glbl Eqty;Inv (VHGEX)	6.90	11.41	Vanguard Glbl Eqty;Inv (VHGEX)
MSCI AC World Index	6.60	11.66	MSCI AC World Index
Median	5.43	11.68	Median

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard Glbl Eqty;Inv (VHGEX)	1.95	98.89	96.84	0.43	0.09	0.64	0.96	6.79
MSCI AC World IMI	0.00	100.00	100.00	0.00	N/A	0.61	1.00	6.94

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Vanguard Glbl Eqty;Inv (VHGEX)	2.08	100.74	98.29	0.46	0.20	0.52	0.99	9.03
MSCI AC World IMI	0.00	100.00	100.00	0.00	N/A	0.49	1.00	8.88



Standard

Deviation

13.58

13.43

13.72

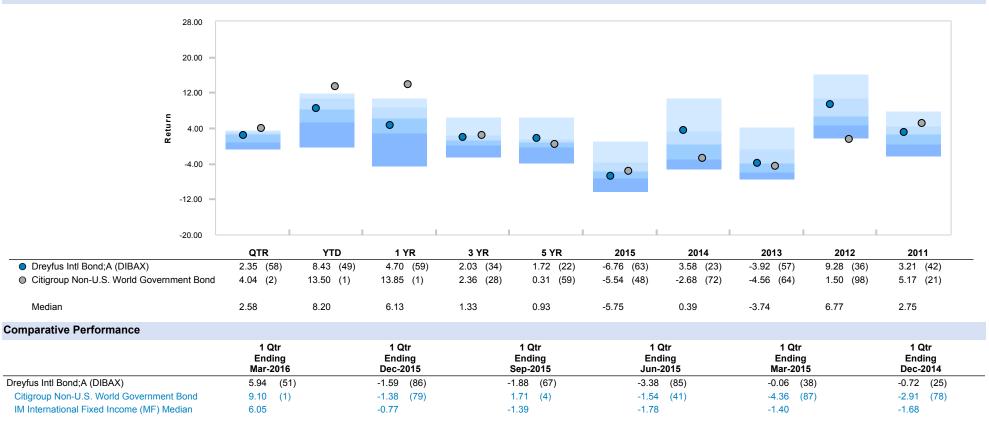
Mutual	Fund	Info	from	Lipper
mataai				

Product Name :	Dreyfus Intl Bond;A (DIBAX)
Fund Family :	Dreyfus Corporation
Ticker :	DIBAX
Peer Group :	IM International Fixed Income (MF)
Benchmark :	Citigroup Non-U.S. World Government Bond
Fund Inception :	12/30/2005
Portfolio Manager :	Leduc/Murphy/Srivastava
Total Assets :	\$147 Million
Total Assets Date :	06/30/2016
Gross Expense :	1.12%
Net Expense :	1.12%
Turnover :	217%

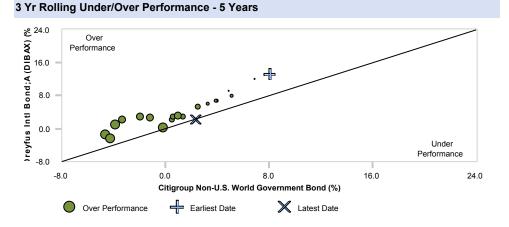
Summary Description

The investment seeks to provide long-term capital appreciation. The fund invests predominantly in the stocks of companies located outside the United States and is expected to diversify its assets in countries across developed and emerging markets. In selecting stocks, the fund's advisors evaluate foreign markets around the world and choose large-, mid-, and small-capitalization companies considered to have above-average growth potential. The fund uses multiple investment advisors.

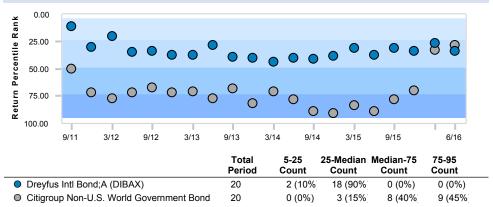
Peer Group Analysis - IM International Fixed Income (MF)



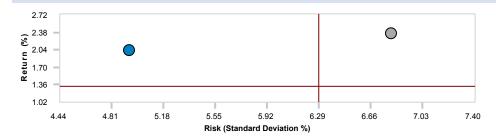




3 Yr Rolling Percentile Ranking - 5 Years

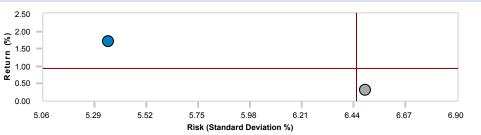


Peer Group Scattergram - 3 Years



ReturnStandard
DeviationDreyfus Intl Bond;A (DIBAX)2.034.94Citigroup Non-U.S. World Government Bond2.366.81Median1.336.29

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Dreyfus Intl Bond;A (DIBAX)	1.72	5.35
Citigroup Non-U.S. World Government Bond	0.31	6.49
Median	0.93	6.45

Historical Statistics - 3 Years

			_					
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Dreyfus Intl Bond;A (DIBAX)	4.21	51.98	42.15	0.67	-0.10	0.42	0.57	2.91
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.37	1.00	4.43
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Dreyfus Intl Bond;A (DIBAX)	3.77	71.40	54.76	1.51	0.35	0.33	0.67	3.54
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.07	1.00	4.58

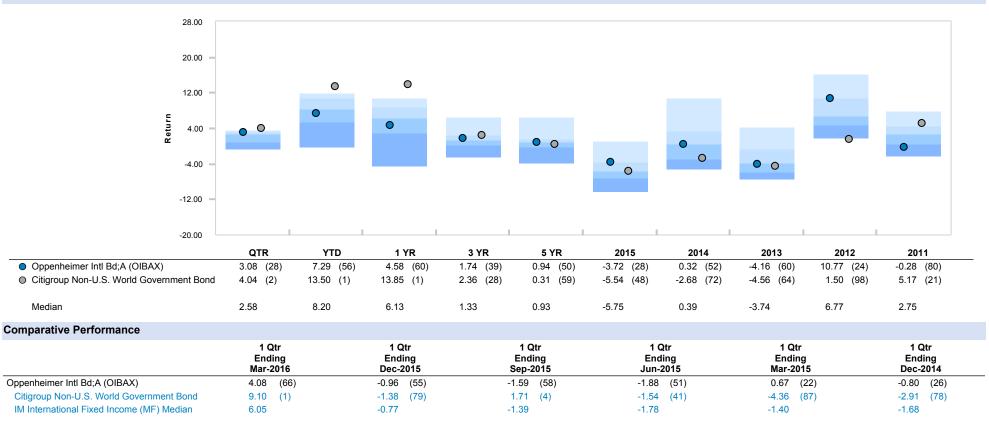


Mutual Fund Info	from Lipper
Product Name :	Oppenheimer Intl Bd;A (OIBAX)
Fund Family :	OppenheimerFunds Inc
Ticker :	OIBAX
Peer Group :	IM International Fixed Income (MF)
Benchmark :	Citigroup Non-U.S. World Government Bond
Fund Inception :	06/15/1995
Portfolio Manager :	Baijal/Kelly
Total Assets :	\$1,655 Million
Total Assets Date :	06/30/2016
Gross Expense :	1.02%
Net Expense :	1.02%
Turnover :	111%

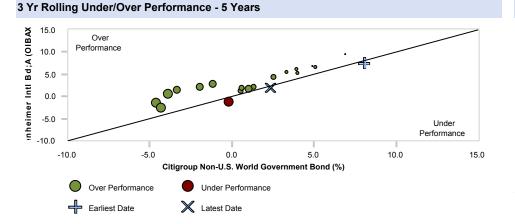
Summary Description

The investment seeks to provide long-term capital appreciation. The fund invests predominantly in the stocks of companies located outside the United States and is expected to diversify its assets in countries across developed and emerging markets. In selecting stocks, the fund's advisors evaluate foreign markets around the world and choose large-, mid-, and small-capitalization companies considered to have above-average growth potential. The fund uses multiple investment advisors.

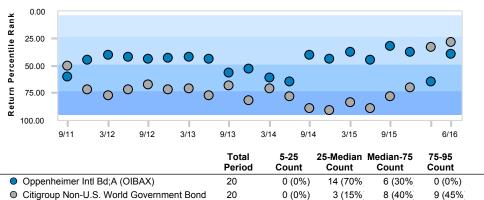
Peer Group Analysis - IM International Fixed Income (MF)



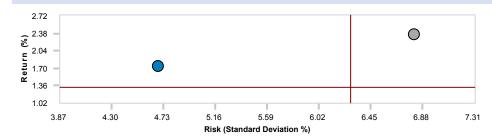




3 Yr Rolling Percentile Ranking - 5 Years

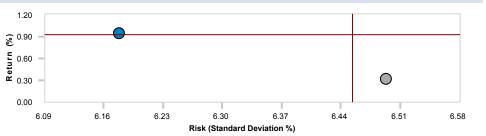


Peer Group Scattergram - 3 Years



	Return	Standard Deviation
 Oppenheimer Intl Bd;A (OIBAX) 	1.74	4.69
Citigroup Non-U.S. World Government Bond	2.36	6.81
Median	1.33	6.29

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Oppenheimer Intl Bd;A (OIBAX)	0.94	6.18
Citigroup Non-U.S. World Government Bond	0.31	6.49
Median	0.93	6.45

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Oppenheimer Intl Bd;A (OIBAX)	5.38	42.01	32.69	0.75	-0.14	0.38	0.42	2.69
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.37	1.00	4.43
listorical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Oppenheimer Intl Bd;A (OIBAX)	5.45	64.74	55.84	0.82	0.11	0.17	0.60	4.63
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.07	1.00	4.58



Our Mission

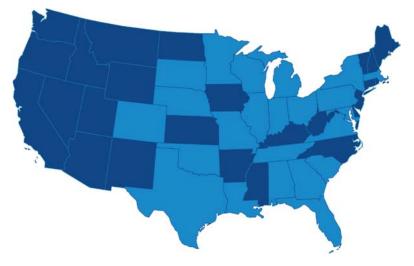
To represent the sole interest of our clients by redefining independence.

About Us

The Bogdahn Group is an independent investment consulting firm that advises over 530 institutional clients with approximately \$64 billion in assets under advisement. We are an independent firm, employee owned, and serve as a fiduciary to each of our clients. Our firm receives 100% of our revenue through hard-dollar fees for consulting services. We have never engaged in soft-dollar fee arrangements and are not affiliated with any Investment Management firms or other service providers.

Our firm believes that trust, integrity, confidence, and respect are the cornerstones of any successful business relationship. As a result, we work to ensure our client's interests are placed first. Our objective is to serve as our client's advocate and guide in the implementation, maintenance, administration, and fiduciary oversight of their investment and retirement programs. Exceptional service, as defined by each client, is our goal.

The Bogdahn Group, headquartered in Orlando, FL also has offices in Chicago, IL; Pittsburgh, PA; Tulsa, OK; Cleveland, OH; and Detroit, MI.



26 ADVANCED DEGREES 15 CFAs 2 CIPMs 3 CAIAs

INSTITUTIONAL FOCUS

billion AUA



EMPLOYEES

Investment Consulting Services

The Bogdahn Group has one line of business: investment consulting. We strive to simplify investment and fiduciary decisions for our clients by providing governance, monitoring and risk oversight, education, strategic implementation, and superior investment options. The Bogdahn Group delivers customized services to meet each client's unique needs.

Since no two clients' needs are the same and continuously evolve over time, we strive to maintain an ongoing understanding of each client's constraints and objectives to deliver ongoing value-added services. Our core services represent a strong foundation for client relationships.

Traditional Consulting Services

- Investment policy statement development
- Strategic asset allocation
- Manager / Strategy Evaluation
- Investment Manager Due Diligence
- Investment Manager Searches
- Performance measurement & reporting
- Quarterly Economic Summary
- Attribution analysis
- Client Education
- Spending policy review and development
- Vendor search & fee negotiations
- Distribution and management of open RFPs where required
- Custodian Evaluation
- Interpretation and assistance in asset/liability reports

Defined Contribution Consulting Services

- Design, Distribute, Collect and Evaluate RFP responses for Recordkeeping and Administration Services
- Facilitate the Vendor Selection Process and Interviews
- Assist with provider scope of work definition, negotiation of fees and contracts
- Investment Policy Development and Review
- Manager/Strategy Evaluation
- Plan Level Fee Analysis
- Board/Investment Committee Education
- Fund Evaluation and Recommendations
- Review Employee Education Strategy for fit with Demographics and Plan Goals
- Provide Guidance for Defined Contribution Strategies and Investment Decisions

Retirement Plans

- Public Funds - - Taft-Hartley - - Corporations -

Endowment & Foundations

Client Service Support

The Bogdahn Group's resources include dedicated teams comprised of:

- 34 Investment Consultants
- 8 Research Analysts
- 7 Internal Consultants
- 11 Performance Measurement Analysts
- 3 Information Technology Experts

The Bogdahn Group also has a dedicated management team consisting of professionals in compliance, finance, operations, and consulting services further supporting each department and ultimately each client.

SERVICE MODEL



Investment Databases

Our firm utilizes some of the most robust and deep databases that are available to investment consultants. These include Bloomberg, InvestmentMetrics PARis, eVestment Alliance, Zephyr StyleADVISOR, Morningstar Direct, etc.



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



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.

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

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

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

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

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

This document may contain data provided by MSCI, Inc. Copyright MSCI, 2012. Unpublished. All Rights Reserved. This information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used to create any financial instruments or products or any indices. This information is provided on an "as is" basis and the user of this information assumes the entire risk of any use it may make or permit to be made of this information. Neither MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information makes any express or implied warranties or representations with respect to such information or the results to be obtained by the use thereof, and MSCI, its affiliates and each such other person hereby expressly disclaim all warranties (including, without limitation, all warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any other person involved in or related to compiling, computing or creating this information. Special, incidental, punitive, consequential or any other damages (including, without limitation, lost profits) even if notified of, or if it might otherwise have anticipated, the possibility of such damages.

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

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





Orlando 4901 Vineland Road, Suite 600 Orlando, Florida 32811

 $8\,6\,6\,.\,2\,4\,0\,.\,7\,9\,3\,2$

Chicago

Cleveland

Detroit

Pittsburgh

Tulsa