Investment Performance Review Period Ending September 30, 2017

Palm Beach Gardens Police Pension Plan



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Table Of Contents

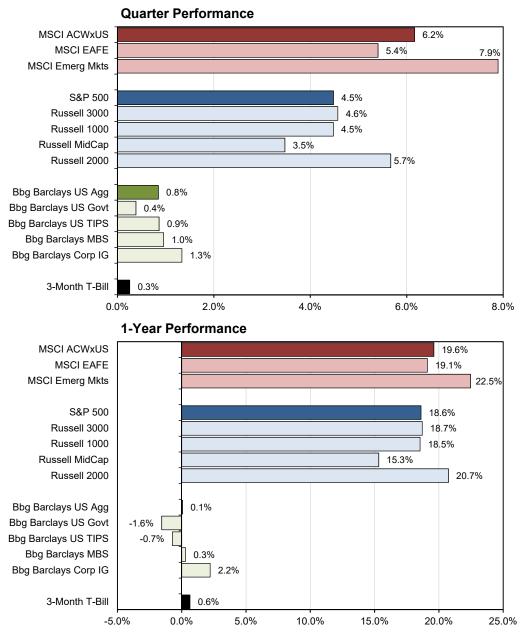
1	Market Environment	Page 1
2	Asset Allocation Compliance	Page 12
3	Asset Allocation Compliance Segment Based	Page 13
4	Asset Allocation Pie Chart	Page 14
5	Asset Allocation & Performance Trailing Periods (gross)	Page 16
6	Asset Allocation & Performance Trailing Periods (net)	Page 18
7	Asset Allocation & Performance Fiscal Year Periods (gross)	Page 20
8	Asset Allocation & Performance Fiscal Year Periods (net)	Page 22
9	Historical Rolling Performance Total Fund	Page 24
10	Historical Rolling Performance Total Fund Policy	Page 25
11	Total Fund Composite Returns Based Analysis	Page 26
12	Rhumbline S&P 500 Equity Returns Based Analysis	Page 29
13	Rhumbline S&P 400 Equity Returns Based Analysis	Page 32
14	Rhumbline S&P 600 Equity Returns Based Analysis	Page 35
15	Highland Capital Equity Returns Based Analysis	Page 38
16	Highland Capital Fixed Income Returns Based Analysis	Page 41
17	Oppenheimer International Fixed Income Returns Based Analysis	Page 44
18	American Realty Returns Based Analysis	Page 46
19	Benchmark History	Page 48
20	Dreyfus International Bond A Performance Review	Page 50
21	Oppenheimer International Bond A Performance Review	Page 52
22	Definitions & Disclosure Pages	Page 54



3rd Quarter 2017 Market Environment

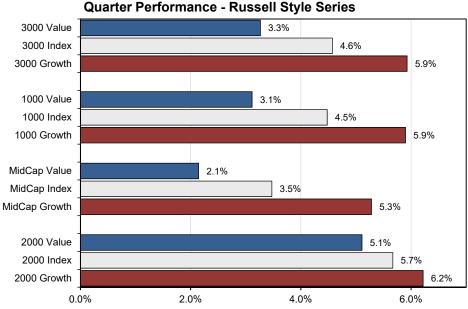


- Returns were positive for major equity and fixed income indices for the 3rd . guarter of 2017. Broad domestic and international equity market performance was largely fueled by continued improvement in corporate earnings and macroeconomic data worldwide. Domestic equities trailed international indices during the guarter. While U.S. economic fundamentals and corporate earnings growth were viewed positively, market participants faced headwinds from increasing tension between the U.S. and North Korea, several major weather events and ongoing political concerns surrounding the pace of implementation of Trump administration expansive fiscal policy reforms. Despite these concerns, investor optimism remained high and many major domestic equity indices hit record levels during the quarter. Small cap equities outperformed large cap stocks for the guarter with the Russell 2000 Index returning 5.7% versus a 4.5% return for the S&P 500 Index. Small cap companies have also been the best performers domestically over the last 12 months, returning over 20%. While small cap equities lead the charge, all U.S. core market capitalization indices returned over 15% over the last year.
- International equity market benchmarks continued to outpace U.S. markets through the 3rd quarter of 2017 as both developed and emerging market international equities saw benefits from continued strength in global macroeconomic data, a weakening U.S. Dollar (USD) and ongoing accommodative global central bank policies. The improving economic fundamentals worldwide have led many international central banks to begin telegraphing an eventual reduction in stimulus going forward, with both the European Central Bank and the Bank of England expected to announce plans to reduce stimulus before year end. Emerging markets, which benefitted from a weakening USD and rising commodity prices during the period, continued their trend of outperformance relative to developed markets. The MSCI Emerging Market Index returned 7.9% for the guarter and a solid 22.5% for the 1-year period. While weaker by comparison, the developed market MSCI EAFE Index also posted robust performance, returning 5.4% for the guarter and 19.1% for the year.
- The yield curve continued to flatten through the 3rd quarter of 2017 as interest rates rose slightly from the prior quarter, but with greater magnitude in short-term maturities. The Federal Reserve announced that its plan to systematically shrink the size of its balance sheet would begin in October. Broad fixed income indices posted positive results with the bellwether Bloomberg Barclays U.S. Aggregate Index returning 0.8% for the quarter. Benefitting from tightening credit spreads, corporate credit has been the best performer among the investment grade sectors with the Bloomberg Barclays U.S. Corporate Index returning 1.3% and 2.2% over the quarter and 1-year period respectively.

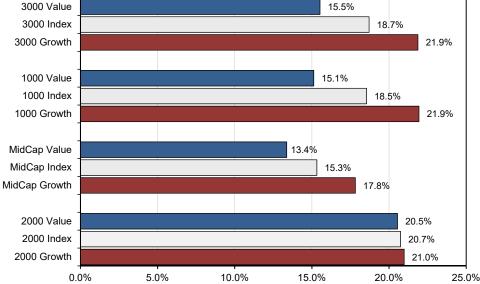




- Despite political gridlock in Washington, increased aggression between the U.S. and North Korea and several major weather events, including three hurricanes that caused catastrophic damage to Texas, Florida and Puerto Rico, domestic equity prices pushed higher during the 3rd quarter. U.S. equity index returns were positive across the style and capitalization spectrum for the 3rd quarter and trailing 1-year period. Encouraging economic data continued to facilitate gains in U.S. equity markets as positive trends in GDP, consumer and business sentiment, corporate earnings and employment continued throughout the period. Over the past twelve months, there has only been one instance of a negative quarterly return being posted by the Russell market cap and style indices, which was a -0.13% return by the Russell 2000 Value Index during 1Q 2017.
- Small cap stocks were the best performing capitalization segment across the spectrum for the 3rd quarter, bucking a year-to-date trend of large cap outperformance. The small cap Russell 2000 Index posted a 5.7% return for the period. While small cap stocks were the best performers, large and mid cap indices also posted solid returns. Interestingly, the returns for the large cap Russell 1000 Index outperformed the Russell MidCap Index, which is somewhat unusual during a period of small cap outperformance. Small cap stocks also outperform larger companies over the 1-year period, with the Russell 2000 returning 20.7% versus a return of 18.5% for the Russell 1000.
- The 3rd quarter built on year-to-date trends as growth style indices outperformed their value counterparts. Growth indices benefitted from significant overweight's to the information technology sector, which was the best performing sector during the 3rd quarter. Growth benchmarks also benefitted from their exposures to more cyclical names within the information technology, health care and industrials sectors. The Russell Midcap Value Index's return of 2.1% was the worst performing style index for the period. Over the 1-year period, growth indices outperform value indices across the market cap spectrum with the Russell 1000 Growth Index returning an impressive 21.9%. However, all market cap and style indices have returns in the double digits with most returning greater than 15% for the year.
- Domestic equity valuations appear stretched relative to historical levels based on Forward Price/Earnings ratios (P/E), with even the most reasonably valued indices trading well above their historical P/E valuations. Index P/E valuations range from 115% to 138% of their respective 15-year P/E averages. The mid cap core and small cap value indices appear the most inexpensive and the small cap growth and small cap core segments look the most overvalued.

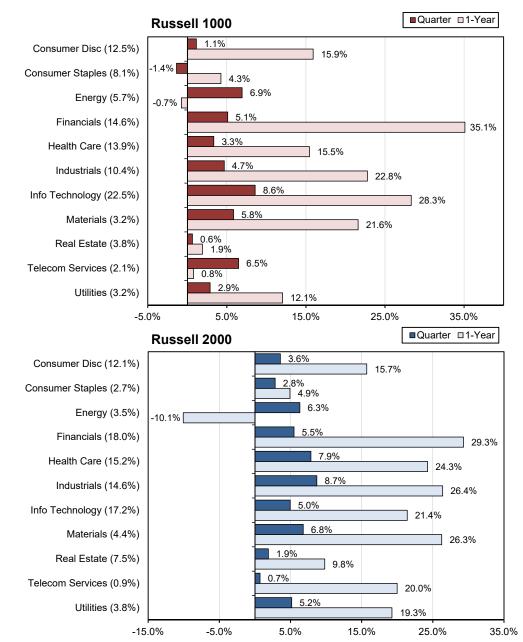








- Sector performance within the Russell 1000 Index was largely positive for the 3rd guarter. Six of eleven economic sectors outpaced the Russell 1000 Index return, and ten of eleven sectors posted gains during the period. Technology stocks were the best performers, returning 8.6% for the guarter on the back of another strong earnings season. Energy and materials stocks also performed well relative to other sectors, rising 6.9% and 5.8% respectively, benefitting from increased commodity prices. Brent crude prices rose over 20% through the guarter as U.S. inventories fell faster than expected, there were concerns of potential supply disruptions in U.S. oil refining operations in Texas due to flooding caused by Hurricane Harvey, OPEC remained committed to limiting production overseas and the USD weakened. Industrial metal prices also rose on positive economic news out of China. Other cyclical sectors such as industrials and financials also posted strong results. Telecommunication services returned an notable 6.5% due to strong performance of the sector's largest weighted companies, Verizon and AT&T. Over the trailing 1-year period, financials and technology were the best performing sectors in the Russell 1000, returning 35.1% and 28.3% respectively. Ten of eleven large cap economic sectors posted positive returns for the year with seven posting double digit returns. Energy was the only large cap sector to post a negative return over the last year, returning -0.7%.
- Small cap sector results generally outperformed their large capitalization counterparts for the quarter. Four of eleven economic sectors outpaced the Russell 2000 Index return for the quarter, and all eleven sectors posted positive results for the period. Most of the sector trends observable in large cap index sector performance also impacted small cap sectors. However, small cap telecom services underperformed large cap telecom stocks meaningfully. Over the 1-year period, six of eleven sectors have returns greater than 20% and eight have posted double digit returns. Energy was the only Russell 2000 sector to post a negative return over last year, falling 10.1%.
- Using S&P 500 sector valuations as a proxy for the market, Forward P/E ratios for eight of the GICS sectors were higher than their long-term averages at quarter-end. Using these historical P/E measures, the energy, materials and utilities sectors appear the most extended. In contrast the technology, health care and telecommunications sectors were trading at a discount to their longterm average P/E ratios.





The Market Environment Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000

Top 10 Weighted Stocks					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Apple Inc	3.35%	7.4%	38.8%	Information Technology	
Microsoft Corp	2.33%	8.6%	32.4%	Information Technology	
Facebook Inc A	1.66%	13.2%	33.2%	Information Technology	
Amazon.com Inc	1.59%	-0.7%	14.8%	Consumer Discretionary	
Berkshire Hathaway Inc B	1.47%	8.2%	26.9%	Financials	
Johnson & Johnson	1.46%	-1.1%	13.0%	Health Care	
Exxon Mobil Corp	1.45%	2.5%	-2.5%	Energy	
JPMorgan Chase & Co	1.41%	5.1%	46.9%	Financials	
Alphabet Inc C	1.21%	5.5%	23.4%	Information Technology	
Alphabet Inc A	1.21%	4.7%	21.1%	Information Technology	

Top 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Juno Therapeutics Inc	0.01%	50.1%	49.5%	Health Care	
NRG Energy Inc	0.03%	48.8%	130.0%	Utilities	
Alnylam Pharmaceuticals Inc	0.04%	47.3%	73.3%	Health Care	
Alcoa Corp	0.04%	42.8%	N/A	Materials	
Take-Two Interactive Software Inc	0.04%	39.3%	126.8%	Information Technology	
Orbital ATK Inc	0.03%	35.8%	77.0%	Industrials	
International Game Technology PLC	0.01%	35.5%	4.5%	Consumer Discretionary	
ACADIA Pharmaceuticals Inc	0.02%	35.1%	18.4%	Health Care	
Spirit AeroSystems Holdings Inc	0.04%	34.3%	75.6%	Industrials	
Gap Inc	0.03%	34.3%	38.3%	Consumer Discretionary	

Bottom 10 Performing Stocks (by Quarter)						
Russell 1000 Weight Heturn Return Ret						
Intercept Pharmaceuticals Inc	0.00%	-52.1%	-64.7%	Health Care		
Uniti Group Inc	0.01%	-39.3%	-47.9%	Real Estate		
Tahoe Resources Inc	0.01%	-38.8%	-58.1%	Materials		
Spirit Airlines Inc	0.01%	-35.3%	-21.4%	Industrials		
Rite Aid Corp	0.01%	-33.6%	-74.5%	Consumer Staples		
DexCom Inc	0.02%	-33.1%	-44.2%	Health Care		
Dick's Sporting Goods Inc	0.01%	-31.8%	-51.6%	Consumer Discretionary		
Mednax Inc	0.02%	-28.6%	-34.9%	Health Care		
Envision Healthcare Corp	0.02%	-28.3%	-33.0%	Health Care		
Foot Locker Inc	0.02%	-28.1%	-47.0%	Consumer Discretionary		

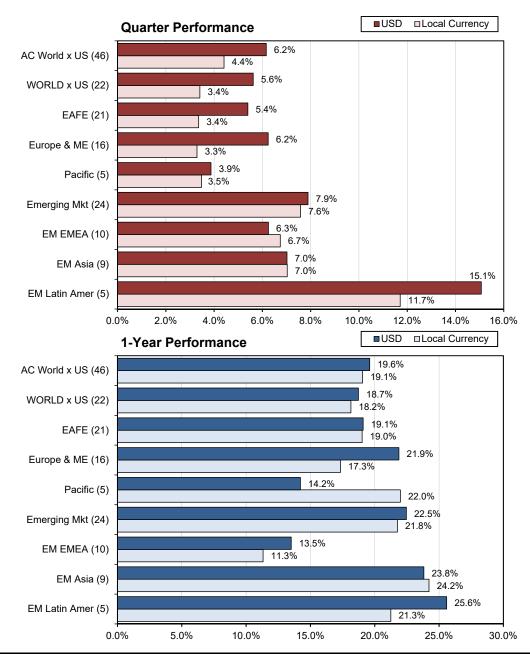
Top 10 Weighted Stocks						
Russell 2000 Weight Weight 1-Qtr Return Return Sector						
Kite Pharma Inc	0.43%	73.4%	221.9%	Health Care		
bluebird bio Inc	0.31%	30.7%	102.6%	Health Care		
Exact Sciences Corp	0.27%	33.2%	153.7%	Health Care		
Knight-Swift Transportation Hldgs A	0.25%	12.3%	45.8%	Industrials		
MKS Instruments Inc	0.25%	40.6%	91.8%	Information Technology		
Catalent Inc	0.24%	13.7%	54.5%	Health Care		
Aspen Technology Inc	0.23%	13.7%	34.2%	Information Technology		
Starwood Waypoint Homes	Starwood Waypoint Homes 0.23% 6.7% 30.2% Real Estate		Real Estate			
MGIC Investment Corp	0.23%	11.9%	56.6%	Financials		
Curtiss-Wright Corp	Curtiss-Wright Corp 0.23% 13.9% 15.4% Industrials		Industrials			

Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Veritone Inc	0.01%	288.1%	N/A	Information Technology		
MyoKardia Inc	0.04%	227.1%	162.2%	Health Care		
Madrigal Pharmaceuticals Inc	0.01%	176.6%	254.7%	Health Care		
Abeona Therapeutics Inc	0.02%	166.4%	184.2%	Health Care		
Zogenix Inc	0.04%	141.7%	206.6%	Health Care		
Voyager Therapeutics Inc	0.01%	129.8%	71.4%	Health Care		
Dynavax Technologies Corp	0.06%	122.8%	105.0%	Health Care		
Hertz Global Holdings Inc	0.06%	94.4%	-44.3%	Industrials		
Intrepid Potash Inc	0.02%	92.9%	285.8%	Materials		
Spectrum Pharmaceuticals Inc 0.05% 88.9% 201.3% Health Care		Health Care				

Bottom 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Versartis Inc	0.00%	-86.0%	-80.0%	Health Care		
Otonomy Inc	0.00%	-82.8%	-82.1%	Health Care		
Genocea Biosciences Inc	0.00%	-72.0%	-71.5%	Health Care		
Babcock & Wilcox Enterprises Inc	0.01%	-71.7%	-79.8%	Industrials		
Ominto Inc	0.00%	-70.5%	38.0%	Information Technology		
Axovant Sciences Ltd	0.01%	-70.3%	-50.9%	Health Care		
RAIT Financial Trust	0.00%	-64.9%	-75.1%	Real Estate		
Radisys Corp	0.00%	-63.6%	-74.4%	Information Technology		
CPI Card Group Inc	0.00%	-58.6%	-79.7%	Information Technology		
Tintri Inc	0.00%	-56.8%	N/A	Information Technology		



- International equity returns for the 3rd quarter were largely driven by ongoing improvement in the global economy and continued weakness in the USD. These trends, in tandem with rising commodity prices, helped emerging markets continue their 2017 outperformance relative to developed market equities. While USD strength remains on the high side of its 10-year range, the USD continued its year-to-date decline against most major currencies through the period. This provided additional tailwinds to international index returns denominated in USD. The recent weakness in USD is also visible in the 1-year performance for broad international indices, with most indices showing stronger returns in terms of USD. However, Asian-Pacific markets stand out as an exception.
- Returns for broad developed market international indices were broadly positive . for the 3rd guarter in both USD and local currency terms with the MSCI EAFE Index returning 5.4% and 3.4% respectively. Eurozone, U.K. and Japanese markets advanced on the back of positive macroeconomic data and improvement in corporate earnings. As economic data has continued to stabilize, many developed market central banks have started to take a less accommodative stance toward monetary policy and economic stimulus. In Europe, European Central Bank (ECB) President Mario Draghi acknowledged that the ECB has been discussing plans to begin the wind down of their quantitative easing program. Investors are expecting a formal announcement in October. In the U.K., the Bank of England telegraphed that an interest rate hike was likely before the end of the year, and in Canada, the Bank of Canada raised interest rates twice this guarter. Despite increased tensions with North Korea and the early dissolution of the lower house of parliament by Prime Minister Abe leading to snap elections in October, Japanese equities rose over the quarter. Performance for the past year has been strong on an absolute basis with the MSCI EAFE Index returning 19.1% and 19.0% in USD and local currency terms respectively.
- A supportive global economic environment, increasing commodity prices and a weakening USD led to continued growth in emerging market equity prices. The MSCI Emerging Market Index outperformed developed markets during the 3rd quarter, returning 7.9% and 7.6% in USD and local currency terms respectively. Returns in China, Brazil and Russia were particularly strong as China advanced on an improving growth outlook, Brazil on improving political stability and progress on social and economic reform initiatives, and Russia largely on improvement in oil prices. One year returns on the MSCI Emerging Market Index are an impressive 22.5% in USD terms and 21.8% in terms of local currency.





The Market Environment
U.S. Dollar International Index Attribution & Country Detail
As of September 30, 2017

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.2%	7.4%	20.3%
Consumer Staples	11.2%	0.8%	6.2%
Energy	5.1%	13.4%	22.1%
Financials	21.5%	5.2%	32.5%
Health Care	10.6%	0.7%	7.8%
Industrials	14.4%	6.3%	21.8%
Information Technology	6.3%	8.6%	28.5%
Materials	7.9%	11.0%	27.6%
Real Estate	3.5%	3.2%	5.9%
Telecommunication Services	4.1%	1.7%	4.4%
Utilities	3.4%	4.3%	11.6%
Total	100.0%	5.4%	19.1%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.3%	7.0%	19.7%
Consumer Staples	9.6%	1.1%	5.7%
Energy	6.6%	12.7%	17.5%
Financials	23.3%	6.1%	28.8%
Health Care	7.9%	0.8%	7.2%
Industrials	11.8%	5.6%	20.7%
Information Technology	11.2%	10.0%	35.1%
Materials	7.9% 10.7%		25.0%
Real Estate	3.2%	6.1%	10.3%
Telecommunication Services	4.2%	2.4%	5.4%
Utilities	3.1%	4.6%	10.5%
Total	100.0%	6.2%	19.6%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.3%	5.0%	16.3%
Consumer Staples	6.5%	2.5%	3.8%
Energy	6.8%	12.9%	21.2%
Financials	23.4%	7.2%	21.7%
Health Care	2.3%	3.3%	2.9%
Industrials	5.4% 1.7%		12.6%
Information Technology	27.6% 11.0%		40.5%
Materials	7.2% 10.1%		28.0%
Real Estate	2.9%	17.9%	29.9%
Telecommunication Services	5.1%	3.3%	6.3%
Utilities	2.6%	6.4%	7.2%
Total	100.0%	7.9%	22.5%

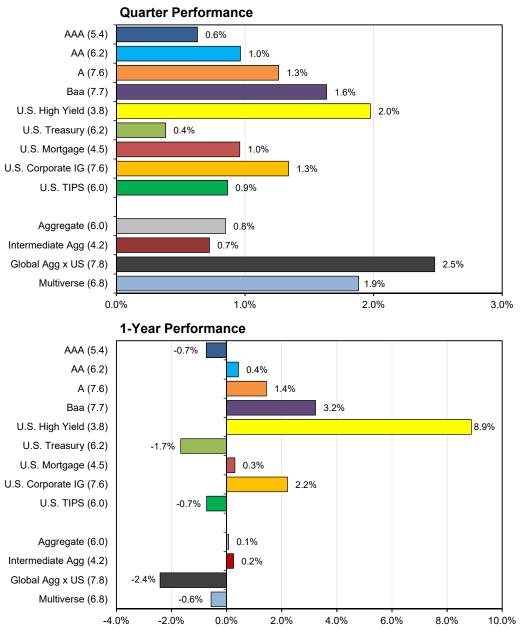
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	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	23.0%	15.9%	4.0%	14.1%
United Kingdom	17.8%	12.3%	5.2%	14.6%
France	10.8%	7.5%	8.4%	30.6%
Germany	9.8%	6.8%	7.7%	26.1%
Switzerland	8.2%	5.7%	2.0%	15.7%
Australia	6.8%	4.7%	3.1%	13.1%
Netherlands	3.7%	2.6%	9.3%	28.4%
Spain	3.5%	2.4%	4.3%	32.0%
Hong Kong	3.5%	2.4%	5.1%	16.3%
Sweden	2.9%	2.0%	5.5%	24.3%
Italy	2.5%	1.7%	13.7%	45.6%
Denmark	1.9%	1.3%	7.7%	20.3%
Singapore	1.3%	0.9%	3.1%	18.7%
Belgium	1.2%	0.8%	9.2%	6.2%
Finland	1.0%	0.7%	3.3%	20.2%
Norway	0.7%	0.5%	19.2%	28.9%
Israel	0.5%	0.3%	-12.7%	-13.0%
Ireland	0.5%	0.3%	6.1%	14.4%
Austria	0.3%	0.2%	12.7%	59.3%
Portugal	0.2%	0.1%	13.2%	22.6%
New Zealand	0.2%	0.1%	-0.1%	-2.0%
Total EAFE Countries	100.0%	69.2%	5.4%	19.1%
Canada		6.7%	7.9%	15.0%
Total Developed Countries		75.9%	5.6%	18.7%
China		7.1%	14.7%	33.0%
Korea		3.6%	2.7%	24.8%
Taiwan		2.8%	0.8%	19.9%
India		2.0%	3.0%	14.2%
Brazil		1.8%	23.0%	29.2%
South Africa		1.5%	3.8%	7.6%
Mexico		0.8%	1.5%	16.2%
Russia		0.8%	17.6%	19.6%
Indonesia		0.6%	-1.1%	5.9%
Malaysia		0.6%	1.8%	6.2%
Thailand		0.5%	10.5%	20.7%
Poland		0.3%	9.3%	51.2%
Chile		0.3%	16.9%	35.6%
Philippines		0.3%	3.0%	2.1%
Turkey		0.3%	0.3%	14.5%
United Arab Emirates		0.2%	4.1%	6.4%
Qatar		0.1%	-6.9%	-14.9%
Colombia		0.1%	6.5%	12.7%
Peru		0.1%	14.1%	32.3%
Greece		0.1%	-12.2%	30.9%
Hungary		0.1%	9.6%	42.8%
Czech Republic		0.0%	10.0%	21.5%
Egypt		0.0%	2.2%	-17.7%
Pakistan		0.0%	-16.5%	-7.1%
Total Emerging Countries		24.1%	7.9%	22.5%
Total ACWIxUS Countries		100.0%	6.2%	19.6%



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

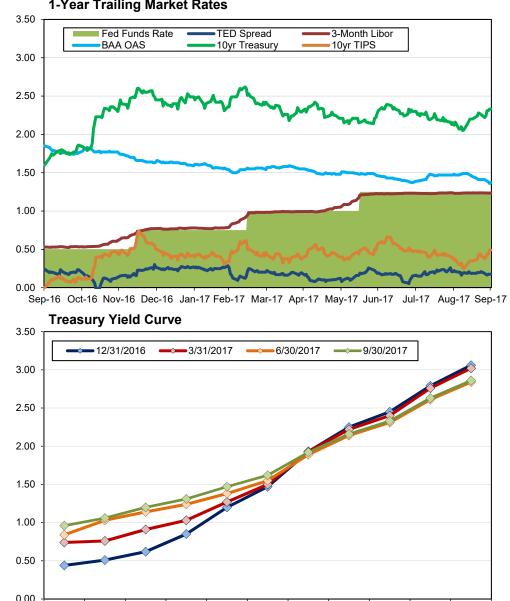
The Market Environment Domestic Bond Sector & Broad/Global Bond Market Performance (Duration) As of September 30, 2017

- Broad fixed income benchmarks gained ground during the 3rd guarter. The Bloomberg Barclays U.S. Aggregate Index ended the quarter with a 0.8% gain despite modestly rising interest rates. Interest rates fell during the first half of the guarter when investors looked to safe-haven assets as international relations between the U.S. and North Korea began to deteriorate and extreme weather created anxiety in markets. However, rates reversed course in the beginning of September, ending slightly higher than where they began the period. The Federal Open Market Committee (FOMC) voted not to increase short-term interest rates during the third guarter, but market expectations are for one additional increase prior to year end. While inflation remains subdued, the Fed feels the economy is tracking to be healthy enough to warrant continued tightening. This caused a flattening of the yield curve as short-term market yields rose more aggressively than rates on long-term maturities. The Fed also announced that its plan to gradually reduce its balance sheet by slowing the rate of reinvestment of the Treasury and mortgage backed securities (MBS) it holds on its books as the securities mature would begin in October. The amount reinvested each month will fall systematically, reducing the size of the Fed's balance sheet over time. This can be viewed as further tightening of monetary policy. This put additional upward pressure on interest rates as the quarter came to a close. The Bloomberg Barclays U.S. Aggregate Index stayed slightly positive over the 1-year period returning 0.1%, with the various investment grade sectors posting mixed results.
- Lower quality bonds outperformed higher quality issues for both the quarter and 1-year period as contracting credit spreads from improvements in economic fundamentals acted as a tailwind to these issues. During the 3rd quarter, credit spreads for high yield debt decreased by 17 bps versus only 8 bps for investment grade (IG) corporate issues. BAA issues more than doubled the return of AAA securities for the second straight quarter, returning 1.6% versus a 0.6% return for AAA debt. High yield debt continues to be the largest beneficiary of the strengthening economy, returning 2.0% for the quarter and 8.9% for the 1-year period.
- A review of sector performance shows that IG credit has continued its 2017 trend of outperformance versus Treasuries and MBS securities. As previously mentioned, corporate issues benefited from tightening credit spreads throughout the period. Treasuries were the worst performer due to their higher duration and expectations for additional tightening of monetary policy. MBS also benefitted from some spread compression through the quarter, but enthusiasm for these securities was dimmed by the Fed's planned balance sheet reduction strategy. Treasury securities posted the worst returns for the quarter, appreciating 0.4%. U.S. IG corporate bonds were the best performing IG sector over the 1-year period, returning 2.2%.





- Global fixed income indices also posted strong results for the guarter. Global benchmarks are impacted by the same local yield and duration factors as domestic benchmarks. While these indices have relatively high durations, the returns of these indices are also significantly influenced by fluctuations in their currency denomination relative to the USD. This currency effect can either be an offsetting benefit to negative yield and duration factors in a rising rate environment as it has been year-to-date, or it can further exacerbate negative performance as it did in 2016. Led by a weakening USD, global bond indices outperformed domestic issues for the for the guarter. However, hawkish comments from several global central banks muted returns during the final month of the period. Global bonds have had a currency effect tailwind so far in 2017, but global bond returns still trail domestic indices over the 1-year period, primarily due to their relative underperformance in the 4th guarter of 2016. The Bloomberg Barclays Aggregate ex U.S. posted a -2.4% return for the period.
- 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) rose dramatically in the 4th guarter of 2016, held largely steady during the 1st quarter of 2017 and then gradually fell through most of 2nd quarter before spiking at the end of June. As described on the last page, rates then fell through the first half of guarter before rising to the levels where they began the guarter. The yield on the 10-year Treasury has fallen to 2.33% from 2.45% at the start of the year. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional vield premium that investors require to purchase and hold non-Treasury issues. This line illustrates a steady decline in credit spreads throughout 2016 and 2017. This decline is equivalent to an interest rate decrease on corporate bonds, which produces a tailwind for corporate bond index returns. These credit spreads have tightened by about 48 bps over the last 12-months. The green shading at the bottom of the graph illustrates the gradual increase in the Federal Funds Rate due to a less accommodative Fed monetary policy.
- The lower graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar guarters. As mentioned, the yield curve continues to flatten as yields on shorter-term maturities have risen, while interest rates on the long end of the curve (5-years and beyond) have generally declined. Interest rate movement during the guarter was relatively muted, especially at the long end of the curve. However, the significant upward shift in short-term interest rates and decline of long-term interest rates since the end of 2016 is clearly visible.



1-Year Trailing Market Rates

3 mo

1 mo

6 mo

1 yr

2 yr

3 yr

5 yr

7 yr



30 yr

10 yr

20 yr

Total Fund Compliance:	Yes	No
The total plan return equaled or exceeded the total plan benchmark over the trailing three year period.	•	
The total plan return equaled or exceeded the total plan benchmark over the trailing five year period.	•	
The total plan return of the fund over the trailing three year period equaled or exceeded 7.3% (actuarial assumption rate of return).	•	
The three year total plan return ranks in the top 40% of its peer group.	•	
The five year total plan return ranks in the top 40% of its peer group.	•	

Total 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.	•	

Rhumbline S&P 500	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period.		•
The three year return ranks in the top 40% of its peer group.		•
The five year return ranks in the top 40% of its peer group.		•

Rhumbline S&P 400	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period.		•
The three year return ranks in the top 40% of its peer group.	•	
The five year return ranks in the top 40% of its peer group.		•



Rhumbline S&P 600	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.	•	
The return equaled or exceeded the benchmark over the trailing five year period.	•	
The three year return ranks in the top 40% of its peer group.	•	
The five year return ranks in the top 40% of its peer group.	•	

Highland LCG	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period.	•	
The three year return ranks in the top 40% of its peer group.		•
The five year return ranks in the top 40% of its peer group.	•	

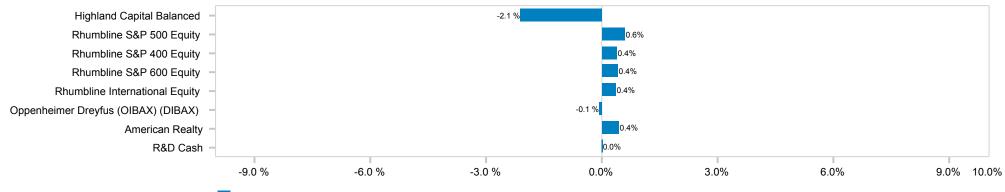
Rhumbline International Equity	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period. (Quarter)	•	
The return equaled or exceeded the benchmark over the trailing five year period. (Inception)		•
The three year return ranks in the top 40% of its peer group. (Quarter)	•	
The five year return ranks in the top 40% of its peer group. (Inception)		•

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 benchmark over the trailing five year period.	•	

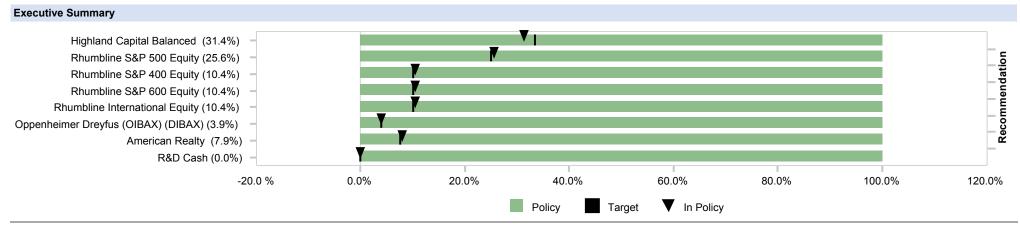
Highland Fixed Income	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.	•	
The return equaled or exceeded the benchmark over the trailing five year period.	•	
The three year return ranks in the top 40% of its peer group.		•
The five year return ranks in the top 40% of its peer group.		•



	Asset	• •			
	Allocation	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
	\$	Allocation (70)	Allocation (78)	(78)	(\$666)
Total Fund Composite	88,876,344	100.0	100.0	0.0	-
Highland Capital Balanced	27,896,122	31.4	33.5	-2.1	1,877,453
Rhumbline S&P 500 Equity	22,743,454	25.6	25.0	0.6	-524,367
Rhumbline S&P 400 Equity	9,222,810	10.4	10.0	0.4	-335,175
Rhumbline S&P 600 Equity	9,252,499	10.4	10.0	0.4	-364,864
Rhumbline International Equity	9,209,625	10.4	10.0	0.4	-321,990
Oppenheimer Dreyfus (OIBAX) (DIBAX)	3,495,094	3.9	4.0	-0.1	59,960
American Realty	7,056,734	7.9	7.5	0.4	-391,008
R&D Cash	8	0.0	0.0	0.0	-8

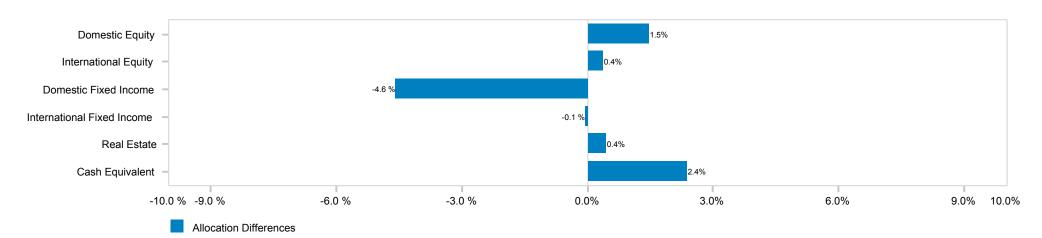


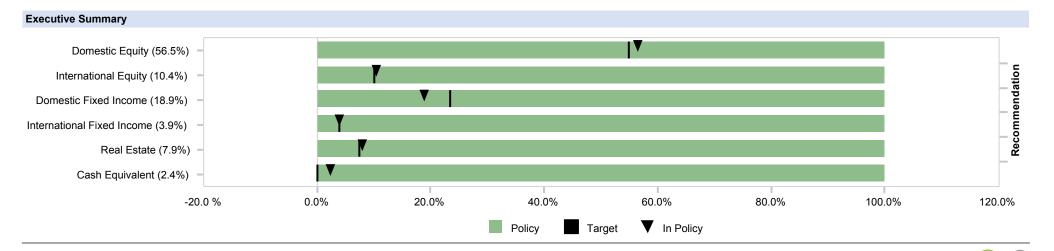
Allocation Differences





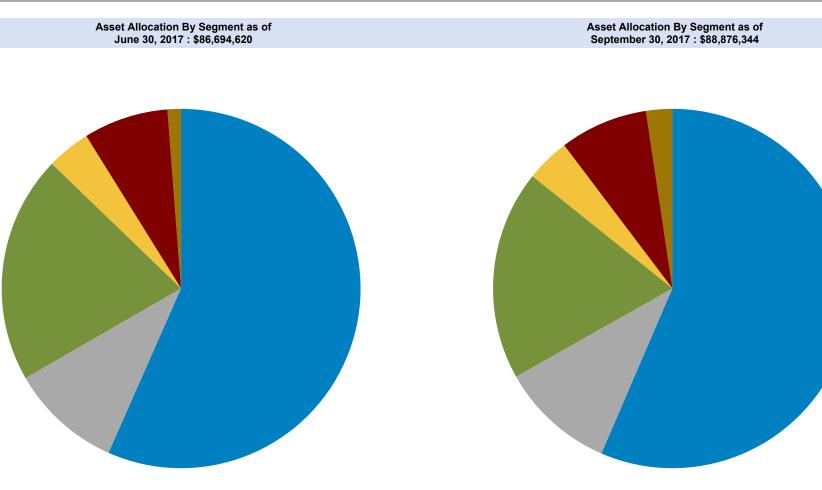
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal (\$000)
Domestic Equity	50,189,610	56.5	55.0	1.5	-1,307,621
International Equity	9,209,625	10.4	10.0	0.4	-321,990
Domestic Fixed Income	16,812,467	18.9	23.5	-4.6	4,073,473
International Fixed Income	3,495,094	3.9	4.0	-0.1	59,960
Real Estate	7,056,734	7.9	7.5	0.4	-391,008
Cash Equivalent	2,112,814	2.4	0.0	2.4	-2,112,814
Total Fund	88,876,344	100.0	100.0	0.0	-







Asset Allocation Summary Total Fund Composite As of September 30, 2017



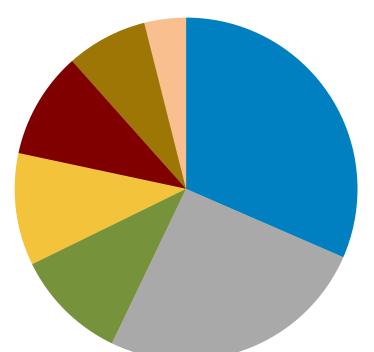
llocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
Domestic Equity	49,084,315	56.6	Domestic Equity	50,189,610	56.5
International Equity	8,731,567	10.1	International Equity	9,209,625	10.4
Domestic Fixed Income	17,785,241	20.5	Domestic Fixed Income	16,812,467	18.9
International Fixed Income	3,407,309	3.9	International Fixed Income	3,495,094	3.9
Real Estate	6,629,819	7.6	Real Estate	7,056,734	7.9
Cash Equivalent	1,056,368	1.2	Cash Equivalent	2,112,814	2.4



Asset Allocation Summary Total Fund Composite As of September 30, 2017

Asset Allocation By Manager as of September 30, 2017 : \$88,876,344

Asset Allocation By Manager as of June 30, 2017 : \$86,694,620



location			Allocation		
	Market Value	Allocation		Market Value	Allocation
Highland Capital Balanced	27,333,984	31.5	Highland Capital Balanced	27,896,122	31.4
Rhumbline S&P 500 Equity	22,185,438	25.6	Rhumbline S&P 500 Equity	22,743,454	25.6
Rhumbline S&P 400 Equity	9,215,293	10.6	Rhumbline S&P 600 Equity	9,252,499	10.4
Rhumbline S&P 600 Equity	9,191,203	10.6	Rhumbline S&P 400 Equity	9,222,810	10.4
Rhumbline International Equity	8,731,567	10.1	Rhumbline International Equity	9,209,625	10.4
American Realty	6,629,819	7.6	American Realty	7,056,734	7.9
Oppenheimer Dreyfus (OIBAX) (DIBAX)	3,407,309	3.9	Oppenheimer Dreyfus (OIBAX) (DIBAX)	3,495,094	3.9
R&D Cash	8	0.0	R&D Cash	8	0.0



Asset Allocation & Performance	A 11.	4							Desta		(0/)				
		Allocation							Perfor	mance	(%)				
	Value \$	%	Q	TR	F١	TD	1	YR	3 `	YR	5`	YR	Ince	otion	Inception Date
Total Fund Composite	88,876,344	100.0	3.71	(28)	13.60	(18)	13.60	(18)	8.54	(3)	10.24	(4)	7.94	(51)	04/01/1992
Total Fund Policy Index			3.58	(37)	12.74	(37)	12.74	(37)	8.25	(5)	9.84	(9)	8.68	(10)	
Difference			0.13		0.86		0.86		0.29		0.40		-0.74		
All Public Plans-Total Fund Median			3.44		12.17		12.17		6.82		8.63		7.95		
Total Equity Composite	59,399,235	66.8	4.86		19.67		19.67		10.86		14.13		5.78		07/01/2000
Total Equity Policy Index			4.91		19.69		19.69		10.94		13.89		5.61		
Difference			-0.05		-0.02		-0.02		-0.08		0.24		0.17		
Total Domestic Equity															
Rhumbline S&P 500 Equity	22,743,454	25.6	4.49	(56)	18.56	• •	18.56	• •	10.78	(43)	14.17	(56)	5.40	(80)	07/01/2000
S&P 500 Index			4.48	(57)	18.61	(56)	18.61	(56)	10.81	(42)	14.22	(54)	5.28	(85)	
Difference			0.01		-0.05		-0.05		-0.03		-0.05		0.12		
IM U.S. Large Cap Equity (SA+CF) Median			4.58		18.87		18.87		10.49		14.27		6.54		
Rhumbline S&P 400 Equity	9,222,810	10.4	3.23	(67)	17.49	(56)	17.49	(56)	11.15	(33)	14.39	(52)	10.28	(57)	01/01/2004
S&P MidCap 400 Index			3.22	(68)	17.52	(55)	17.52	(55)	11.18	(31)	14.43	(49)	10.20	(63)	
Difference			0.01		-0.03		-0.03		-0.03		-0.04		0.08		
IM U.S. Mid Cap Equity (SA+CF) Median			3.77		17.67		17.67		10.18		14.41		10.42		
Rhumbline S&P 600 Equity	9,252,499	10.4	5.96	(41)	21.08	(49)	21.08	(49)	14.07	(27)	15.59	(38)	10.54	(40)	01/01/2004
S&P SmallCap 600			5.96	(41)	21.05	(49)	21.05	(49)	14.07	(27)	15.60	(38)	10.47	(42)	
Difference			0.00		0.03		0.03		0.00		-0.01		0.07		
IM U.S. Small Cap Equity (SA+CF) Median			5.60		21.00		21.00		12.47		14.84		10.15		
Highland Capital LCG	8,970,848	10.1	5.98	(33)	23.11	(21)	23.11	(21)	11.18	(59)	15.52	(32)	8.42	(62)	10/01/2007
Russell 1000 Growth Index			5.90	(35)	21.94	(36)	21.94	(36)	12.69	(31)	15.26	(40)	9.08	(39)	
Difference			0.08		1.17		1.17		-1.51		0.26		-0.66		
IM U.S. Large Cap Growth Equity (SA+CF) Median			5.41		20.80		20.80		11.75		14.81		8.85		
International Equity															
Rhumbline International Equity	9,209,625	10.4	5.48	(67)	19.24	(63)	19.24	• •	N/A		N/A		16.29	(76)	08/01/2016
MSCI EAFE Index			5.47	(67)	19.65	(60)	19.65	(60)	5.53	(69)	8.87	(54)	17.98	(65)	
Difference			0.01		-0.41		-0.41		N/A		N/A		-1.69		
IM International Equity (SA+CF) Median			6.38		20.94		20.94		6.85		9.18		19.98		



Asset Allocation & Performance

Total Fund Composite (Gross)

	Allo						Allocation Performance(%)									
	Market Value \$	%	Q	TR	F١	ΤD	1	YR		ŕR		YR	Ince	otion	Inception Date	
Total Fixed Income Composite	20,307,561	22.8	1.35		1.26		1.26		3.06		1.98		5.42		04/01/1994	
Total Fixed Inc Policy Index			1.04		-0.27		-0.27		2.49		1.73		5.45			
Difference			0.31		1.53		1.53		0.57		0.25		-0.03			
Domestic Fixed Income																
Highland Capital Fixed Income	16,812,467	18.9	1.11	(14)	0.85	(35)	0.85	(35)	3.16	(41)	2.07	(88)	5.44	(95)	04/01/1994	
Bloomberg Barclays U.S. Aggregate Index			0.85	(75)	0.07	(85)	0.07	(85)	2.71	(83)	2.06	(88)	5.53	(92)		
Difference			0.26		0.78		0.78		0.45		0.01		-0.09			
IM U.S. Broad Market Core Fixed Income (SA+CF) Mec	lian		0.92		0.60		0.60		3.01		2.46		5.85			
International Fixed Income																
Oppenheimer Dreyfus (OIBAX) (DIBAX)	3,495,094	3.9	2.58	(64)	3.10	(82)	3.10	(82)	2.46	(69)	1.48	(70)	2.21	(71)	10/01/2010	
Citigroup Non-U.S. World Government Bond			2.57	(64)	-3.14	(100)	-3.14	(100)	0.47	(86)	-1.07	(90)	0.29	(88)		
Difference			0.01		6.24		6.24		1.99		2.55		1.92			
IM International Fixed Income All (MF) Median			2.90		6.36		6.36		4.32		2.92		4.20			
Real Estate																
American Realty	7,056,734	7.9	1.89	(48)	7.53	(70)	7.53	(70)	10.17	(82)	11.04	(76)	11.03	(76)	07/01/2012	
NCREIF Property Index			1.70	(63)	6.89	(75)	6.89	(75)	9.83	(84)	10.35	(83)	10.32	(84)		
Difference			0.19		0.64		0.64		0.34		0.69		0.71			
IM U.S. Private Real Estate (SA+CF) Median			1.75		8.30		8.30		11.18		11.89		11.90			
R&D Cash	8	0.0														



	Alle	ocation				Performance	e(%)		
	Market						(,,,,)		
	Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	Inceptio Date
Total Fund Composite	88,876,344	100.0	3.65	13.36	13.36	8.33	10.02	7.70	04/01/1992
Total Fund Policy Index			3.58	12.74	12.74	8.25	9.84	8.68	
Difference			0.07	0.62	0.62	0.08	0.18	-0.98	
Total Equity Composite	59,399,235	66.8	4.86	19.67	19.67	10.86	14.13	5.78	07/01/2000
Total Equity Policy Index			4.91	19.69	19.69	10.94	13.89	5.61	
Difference			-0.05	-0.02	-0.02	-0.08	0.24	0.17	
Total Domestic Equity									
Rhumbline S&P 500 Equity	22,743,454	25.6	4.48	18.50	18.50	10.72	14.10	5.27	07/01/2000
S&P 500 Index			4.48	18.61	18.61	10.81	14.22	5.28	
Difference			0.00	-0.11	-0.11	-0.09	-0.12	-0.01	
Rhumbline S&P 400 Equity	9,222,810	10.4	3.21	17.43	17.43	11.09	14.34	10.26	01/01/2004
S&P MidCap 400 Index			3.22	17.52	17.52	11.18	14.43	10.20	
Difference			-0.01	-0.09	-0.09	-0.09	-0.09	0.06	
Rhumbline S&P 600 Equity	9,252,499	10.4	5.95	21.01	21.01	14.01	15.54	10.52	01/01/2004
S&P SmallCap 600			5.96	21.05	21.05	14.07	15.60	10.47	
Difference			-0.01	-0.04	-0.04	-0.06	-0.06	0.05	
Highland Capital LCG Equity	8,970,848	10.1	5.98	23.11	23.11	11.18	15.52	8.42	10/01/2007
Russell 1000 Growth Index			5.90	21.94	21.94	12.69	15.26	9.08	
Difference			0.08	1.17	1.17	-1.51	0.26	-0.66	
International Equity									
Rhumbline International Equity	9,209,625	10.4	5.46	19.17	19.17	N/A	N/A	16.23	08/01/2016
MSCI EAFE Index			5.47	19.65	19.65	5.53	8.87	17.98	
Difference			-0.01	-0.48	-0.48	N/A	N/A	-1.75	
Total Fixed Income Composite	20,307,561	22.8	1.35	1.26	1.26	3.06	1.98	5.42	04/01/1994
Total Fixed Inc Policy Index			1.04	-0.27	-0.27	2.49	1.73	5.45	
Difference			0.31	1.53	1.53	0.57	0.25	-0.03	



Asset Allocation & Performance

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 Fixed Income	16,812,467	18.9	1.11	0.85	0.85	3.16	2.07	5.44	04/01/1994
Bloomberg Barclays U.S. Aggregate Index			0.85	0.07	0.07	2.71	2.06	5.53	
Difference			0.26	0.78	0.78	0.45	0.01	-0.09	
International Fixed Income									
Oppenheimer Dreyfus (OIBAX) (DIBAX)	3,495,094	3.9	2.58	3.10	3.10	2.46	1.48	2.21	10/01/2010
Citigroup Non-U.S. World Government Bond			2.57	-3.14	-3.14	0.47	-1.07	0.29	
Difference			0.01	6.24	6.24	1.99	2.55	1.92	
Real Estate									
American Realty	7,056,734	7.9	1.61	6.34	6.34	8.97	9.86	9.85	07/01/2012
NCREIF Property Index			1.70	6.89	6.89	9.83	10.35	10.32	
Difference			-0.09	-0.55	-0.55	-0.86	-0.49	-0.47	

29.67

Performance(%)

		••••••							(,,,,)				
	Market Value	%	То	Oct-2015 To	То	То	То	То	То	То	То	То	То
	\$			Sep-2016		•		3 Sep-2012	· ·	Sep-2010		9 Sep-2008	•
Total Fund Composite	88,876,344	100.0	13.60(18)	10.94 (14)		• •	14.75 (15)		• •	10.42 (37)	• •	-13.46(57)	• •
Total Fund Policy Index			12.74(37)	11.62 (6)	0.81 (20)	10.35 (47)	14.21 (22)			10.81 (29)		-12.83(49)	
Difference			0.86	-0.68	0.65	0.60	0.54	-0.71	-1.29	-0.39	4.35	-0.63	-1.46
All Public Plans-Total Fund Median			12.17	9.67	-0.50	10.17	12.50	17.98	0.26	9.93	1.59	-12.93	14.09
Total Equity Composite	59,399,235	66.8	19.67	13.36	0.44	14.07	24.58	28.78	-2.47	12.49	-0.91	-23.22	17.99
Total Equity Policy Index	,,		19.69	14.30	-0.18	13.86	23.27	27.80	-0.50	11.44	-4.36	-21.04	17.05
Difference			-0.02	-0.94	0.62	0.21	1.31	0.98	-1.97	1.05	3.45	-2.18	0.94
Total Domestic Equity													
Rhumbline S&P 500 Equity	22,743,454	25.6	18.56(57)	15.38 (25)	-0.63 (57)	19.64 (39)	19.30 (71)	30.16 (39)	1.18(44)	10.20 (49)	-6.49(60)	-21.73(59)	16.63 (57)
S&P 500 Index			18.61(56)	15.43 (24)	-0.61 (57)	19.73 (37)	19.34 (70)	30.20 (38)	1.14(45)	10.16 (50)	-6.91(65)	-21.98(63)	16.44 (61)
Difference			-0.05	-0.05	-0.02	-0.09	-0.04	-0.04	0.04	0.04	0.42	0.25	0.19
IM U.S. Large Cap Equity (SA+CF) Median			18.87	13.20	-0.35	18.79	21.12	29.15	0.75	10.11	-5.50	-20.83	17.08
Rhumbline S&P 400 Equity	9,222,810	10.4	17.49(56)	15.21 (29)	1.45 (52)	11.81 (67)	27.55 (57)	28.90 (36)	-1.16(56)	17.78 (42)	-2.78(52)	-16.54(18)	18.73 (59)
S&P MidCap 400 Index			17.52(55)	15.33 (27)	1.40 (54)	11.82 (67)	27.68 (56)	28.54 (41)	-1.28(59)	17.78 (42)	-3.11(55)	-16.68(21)	18.76 (58)
Difference			-0.03	-0.12	0.05	-0.01	-0.13	0.36	0.12	0.00	0.33	0.14	-0.03
IM U.S. Mid Cap Equity (SA+CF) Median			17.67	11.52	1.49	13.43	28.01	27.26	-0.64	16.78	-2.73	-20.72	20.55
Rhumbline S&P 600 Equity	9,252,499	10.4	21.08(49)	18.00 (26)	3.90 (37)	5.79 (54)	31.40 (57)	33.27 (36)	0.21(38)	14.14 (58)	-10.54(76)	-13.64(22)	15.16 (59)
S&P SmallCap 600			21.05(49)	18.12 (25)	3.81 (37)	5.74 (55)	31.51 (55)	33.35 (35)	0.21(38)	14.22 (57)	-10.61(77)	-13.83(23)	14.93 (60)
Difference			0.03	-0.12	0.09	0.05	-0.11	-0.08	0.00	-0.08	0.07	0.19	0.23
IM U.S. Small Cap Equity (SA+CF) Median			21.00	14.59	2.39	6.16	32.16	31.60	-1.21	14.99	-5.30	-18.20	17.43
Highland Capital LCG	8,970,848	10.1	23.11(21)	6.68 (93)	4.64 (34)	16.29 (70)	28.73 (7)	27.51 (52)	-6.48(97)	14.63 (21)	15.31(2)	-30.80(98)	N/A
Russell 1000 Growth Index			21.94(36)	13.76 (22)	3.17 (55)	19.15 (39)	19.27 (64)	29.19 (38)	3.78(30)	12.65 (35)	-1.85(37)	-20.88(54)	19.35 (56)
Difference			1.17	-7.08	1.47	-2.86	9.46	-1.68	-10.26	1.98	17.16	-9.92	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median			20.80	11.64	3.60	18.11	20.26	27.64	1.37	11.27	-3.06	-20.28	20.16
International Equity													
Rhumbline International Equity	9,209,625	10.4	19.24(63)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI EAFE Index			19.65(60)	7.06 (76)	-8.27 (50)	4.70 (62)	24.29 (33)	14.33 (72)	-8.94(45)	3.71 (80)	3.80(65)	-30.13(49)	25.38 (67)
Difference			-0.41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

20.94

11.48

-8.29

5.79

20.15

17.31

-9.59

9.60

7.04

-30.33

Allocation



IM International Equity (SA+CF) Median

Asset Allocation & Performance

Asset Allocation & Performance

Total Fund Composite (Gross)

	Alloc	ation					Pe	rformance(%)				
	Market Value \$	%	То	Oct-2015 To Sep-2016	То	То	То	Oct-2011 To Sep-2012	То	То	Oct-2008 To Sep-2009	То	То
Total Fixed Income Composite	20,307,561	22.8	1.26	6.60	1.40	3.45	-2.57	6.28	5.20	8.28	11.96	1.23	4.97
Total Fixed Inc Policy Index			-0.27	6.01	1.82	3.41	-2.11	4.98	5.18	7.78	11.18	3.84	5.62
Difference			1.53	0.59	-0.42	0.04	-0.46	1.30	0.02	0.50	0.78	-2.61	-0.65
Domestic Fixed Income													
Highland Capital Fixed Income	16,812,467	18.9	0.85(35)	6.51 (18)	2.22 (88)	3.51 (94)	-2.54 (99)	6.07 (71)	5.66(27)	8.09 (89)	11.96(58)	1.23(63)	4.97 (70)
Bloomberg Barclays U.S. Aggregate Index			0.07(85)	5.19 (80)	2.94 (60)	3.96 (80)	-1.68 (80)	5.16 (91)	5.26(49)	8.16 (87)	10.56(82)	3.65(32)	5.14 (53)
Difference			0.78	1.32	-0.72	-0.45	-0.86	0.91	0.40	-0.07	1.40	-2.42	-0.17
IM U.S. Broad Market Core Fixed Income (SA+CF) M	edian		0.60	5.66	3.02	4.50	-1.27	6.61	5.26	9.26	12.28	2.55	5.16
International Fixed Income													
Oppenheimer Dreyfus (OIBAX) (DIBAX)	3,495,094	3.9	3.10(82)	9.59 (80)	-4.81 (32)	2.98 (70)	-2.82 (43)	7.90 (72)	0.32(38)	N/A	N/A	N/A	N/A
Citigroup Non-U.S. World Government Bond			-3.14(100)	12.61 (56)	-7.01 (44)	-0.99 (90)	-5.63 (82)	3.45 (91)	4.13(4)	4.46 (90)	16.04(53)	5.16(1)	9.53 (33)
Difference			6.24	-3.02	2.20	3.97	2.81	4.45	-3.81	N/A	N/A	N/A	N/A
IM International Fixed Income All (MF) Median			6.36	13.13	-7.96	5.47	-3.47	15.53	-0.39	13.96	16.70	-4.92	8.61
Real Estate													
American Realty	7,056,734	7.9	7.53(70)	9.03 (95)	14.05 (72)	12.45 (71)	12.30 (71)	N/A	N/A	N/A	N/A	N/A	N/A
NCREIF Property Index			6.89(75)	9.22 (94)	13.48 (78)	11.26 (91)	11.00 (81)	11.00 (75)	16.10(66)	5.84 (50)	-22.09(10)	5.27(44)	17.31 (65)
Difference			0.64	-0.19	0.57	1.19	1.30	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Private Real Estate (SA+CF) Median			8.30	11.57	15.79	13.12	13.35	13.03	16.62	5.80	-34.32	4.80	18.34
R&D Cash	8	0.0											



Asset Allocation & Performance													
	Allo	cation					Р	erformance(%)				
	Market Value \$	%	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	То	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
Total Fund Composite	88,876,344	100.0	13.36	10.72	1.29	10.73	14.53	18.64	0.22	10.08	5.61	-13.73	11.90
Total Fund Policy Index			12.74	11.62	0.81	10.35	14.21	19.60	1.75	10.81	1.64	-12.83	13.68
Difference			0.62	-0.90	0.48	0.38	0.32	-0.96	-1.53	-0.73	3.97	-0.90	-1.78
Total Equity Composite	59,399,235	66.8	19.67	13.36	0.44	14.07	24.58	28.78	-2.47	12.49	-0.91	-23.22	17.99
Total Equity Policy Index			19.69	14.30	-0.18	13.86	23.27	27.80	-0.50	11.44	-4.36	-21.04	17.05
Difference			-0.02	-0.94	0.62	0.21	1.31	0.98	-1.97	1.05	3.45	-2.18	0.94
Total Domestic Equity													
Rhumbline S&P 500 Equity	22,743,454	25.6	18.50	15.31	-0.66	19.55	19.18	29.99	1.04	10.02	-6.71	-21.87	16.47
S&P 500 Index			18.61	15.43	-0.61	19.73	19.34	30.20	1.14	10.16	-6.91	-21.98	16.44
Difference			-0.11	-0.12	-0.05	-0.18	-0.16	-0.21	-0.10	-0.14	0.20	0.11	0.03
Rhumbline S&P 400 Equity	9,222,810	10.4	17.43	15.13	1.40	11.78	27.55	28.90	-1.16	17.78	-2.78	-16.54	18.73
S&P MidCap 400 Index			17.52	15.33	1.40	11.82	27.68	28.54	-1.28	17.78	-3.11	-16.68	18.76
Difference			-0.09	-0.20	0.00	-0.04	-0.13	0.36	0.12	0.00	0.33	0.14	-0.03
Rhumbline S&P 600 Equity	9,252,499	10.4	21.01	17.92	3.85	5.76	31.40	33.27	0.21	14.14	-10.54	-13.64	15.16
S&P SmallCap 600			21.05	18.12	3.81	5.74	31.51	33.35	0.21	14.22	-10.61	-13.83	14.93
Difference			-0.04	-0.20	0.04	0.02	-0.11	-0.08	0.00	-0.08	0.07	0.19	0.23
Highland Capital LCG	8,970,848	10.1	23.11	6.68	4.64	16.29	28.73	27.51	-6.48	14.63	15.31	-30.80	N/A
Russell 1000 Growth Index			21.94	13.76	3.17	19.15	19.27	29.19	3.78	12.65	-1.85	-20.88	19.35
Difference			1.17	-7.08	1.47	-2.86	9.46	-1.68	-10.26	1.98	17.16	-9.92	N/A
International Equity													
Rhumbline International Equity	9,209,625	10.4	19.17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI EAFE Index			19.65	7.06	-8.27	4.70	24.29	14.33	-8.94	3.71	3.80	-30.13	25.38
Difference			-0.48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Fixed Income Composite	20,307,561	22.8	1.26	6.60	1.40	3.45	-2.57	6.28	5.20	8.28	11.96	1.23	4.97
Total Fixed Inc Policy Index			-0.27	6.01	1.82	3.41	-2.11	4.98	5.18	7.78	11.18	3.84	5.62
Difference			1.53	0.59	-0.42	0.04	-0.46	1.30	0.02	0.50	0.78	-2.61	-0.65



Asset Allocation & Performance Total Fund Composite (Net)

	Alloc	ation					Pe	erformance(%	%)				
	Market Value \$	%	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	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
Domestic Fixed Income													
Highland Capital Fixed Income	16,812,467	18.9	0.85	6.51	2.22	3.51	-2.54	6.07	5.66	8.09	11.96	1.23	4.97
Bloomberg Barclays U.S. Aggregate Index			0.07	5.19	2.94	3.96	-1.68	5.16	5.26	8.16	10.56	3.65	5.14
Difference			0.78	1.32	-0.72	-0.45	-0.86	0.91	0.40	-0.07	1.40	-2.42	-0.17
International Fixed Income													
Oppenheimer Dreyfus (OIBAX) (DIBAX)	3,495,094	3.9	3.10	9.59	-4.81	2.98	-2.82	7.90	0.32	N/A	N/A	N/A	N/A
Citigroup Non-U.S. World Government Bond			-3.14	12.61	-7.01	-0.99	-5.63	3.45	4.13	4.46	16.04	5.16	9.53
Difference			6.24	-3.02	2.20	3.97	2.81	4.45	-3.81	N/A	N/A	N/A	N/A
Real Estate													
American Realty	7,056,734	7.9	6.34	7.85	12.82	11.34	11.10	N/A	N/A	N/A	N/A	N/A	N/A
NCREIF Property Index			6.89	9.22	13.48	11.26	11.00	11.00	16.10	5.84	-22.09	5.27	17.31
Difference			-0.55	-1.37	-0.66	80.0	0.10	N/A	N/A	N/A	N/A	N/A	N/A



Historical Rolling Performance Total Fund Composite As of September 30, 2017

Historical Rolling P	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
09/30/2017	3.71	13.60	8.54	10.24	7.94
06/30/2017	2.81	12.92	6.76	10.41	7.87
03/31/2017	4.02	12.16	7.00	9.31	7.83
12/31/2016	2.43	9.87	6.16	10.19	7.74
09/30/2016	3.09	10.94	7.69	11.24	7.72
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	7.48
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



Historical Rolling Performance Total Fund Policy Index As of September 30, 2017

Historical Rolling F	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
09/30/2017	3.58	12.74	8.25	9.84	8.68
06/30/2017	2.86	12.58	6.51	10.06	8.62
03/31/2017	4.02	11.79	6.78	9.01	8.58
12/31/2016	1.72	9.66	6.01	9.88	8.50
09/30/2016	3.44	11.62	7.48	11.15	8.51
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

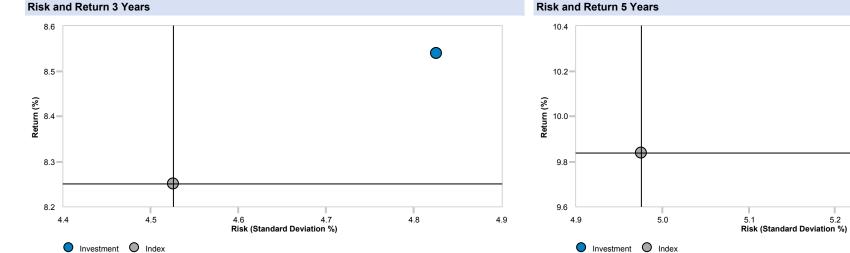
Returns for periods greater than one year are annualized. Returns are expressed as percentages.



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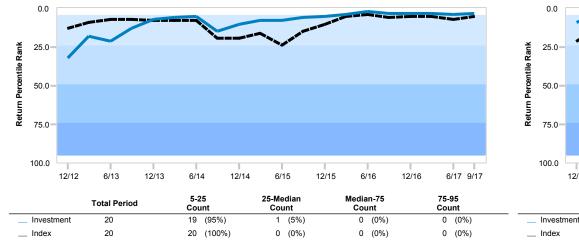
5.3

Historical Statistics 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	8.54	4.83	1.70	103.67	11	104.42	1	Investment	10.24	5.32	1.85	103.92	18	103.02	2
Index	8.25	4.53	1.75	100.00	10	100.00	2	Index	9.84	4.98	1.90	100.00	17	100.00	3

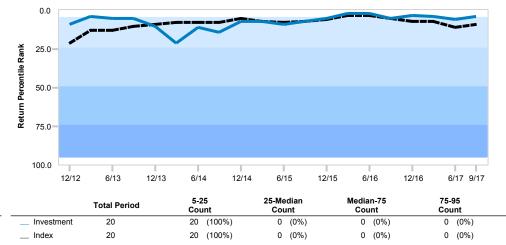


Risk and Return 3 Years





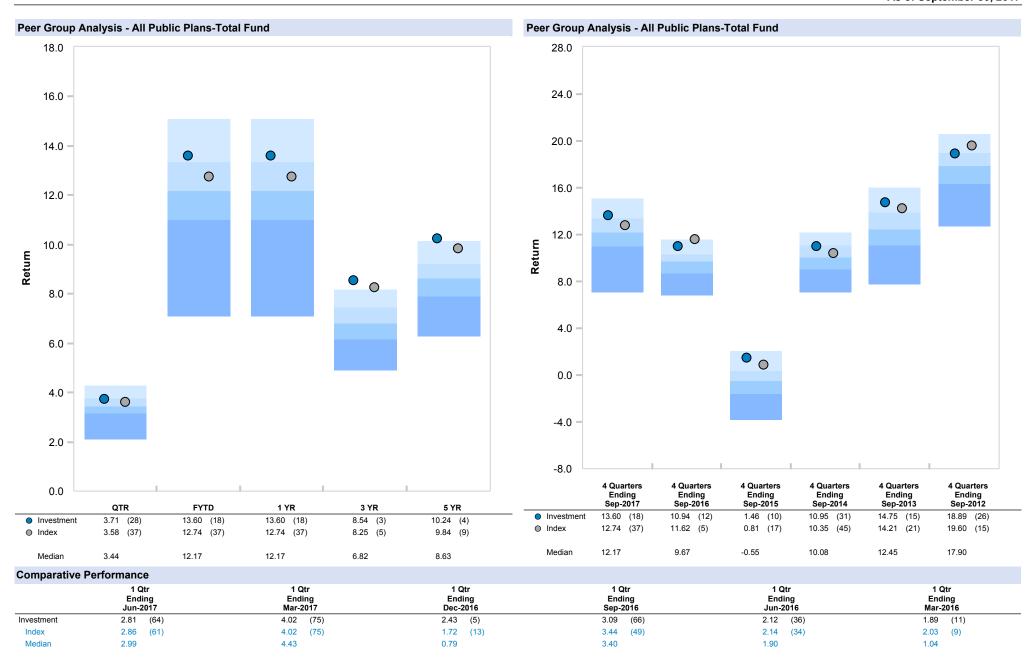
5 Year Rolling Percentile Rank All Public Plans-Total Fund



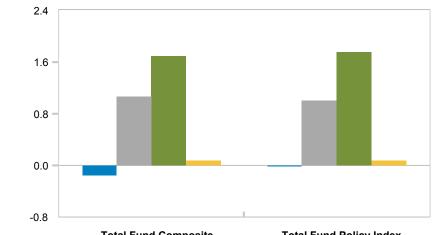


5.4

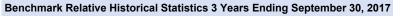
Strategy Review Total Fund Composite | Total Fund Policy Index As of September 30, 2017



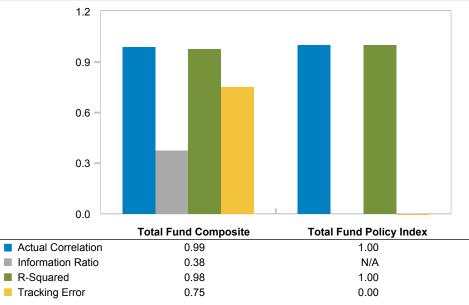




	Total Fund Composite	Total Fund Policy Index
Alpha	-0.16	0.00
Beta	1.05	1.00
Sharpe Ratio	1.70	1.75
Treynor Ratio	0.08	0.08

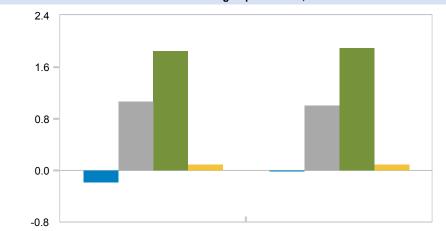


Risk / Reward Historical Statistics 3 Years Ending September 30, 2017



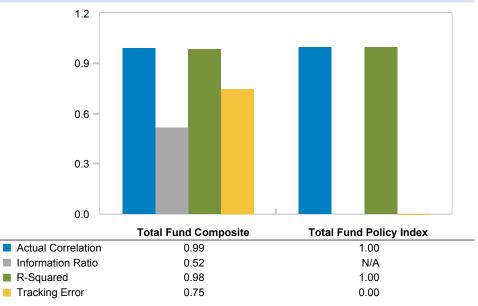
Benchmark: Total Fund Policy Index

Risk / Reward Historical Statistics 5 Years Ending September 30, 2017



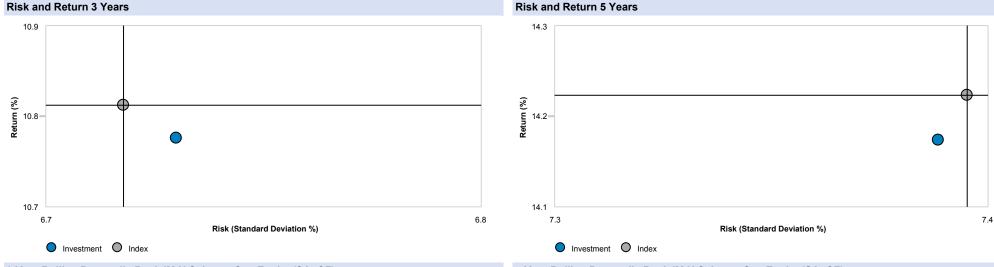
	Total Fund Composite	Total Fund Policy Index
Alpha	-0.19	0.00
Beta	1.06	1.00
Sharpe Ratio	1.85	1.90
Treynor Ratio	0.09	0.09

Benchmark Relative Historical Statistics 5 Years Ending September 30, 2017

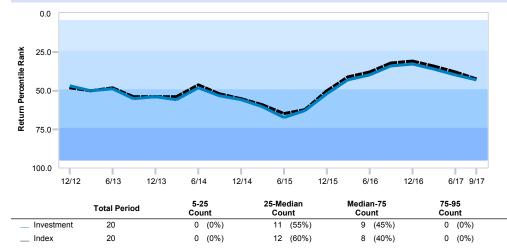




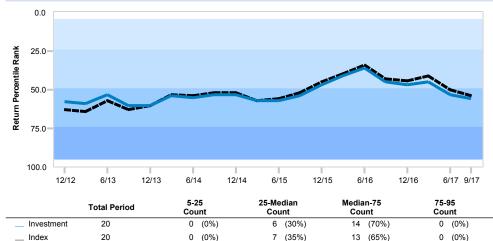
Historical Statistics 3 Years						Historical Statis	stics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.78	6.73	1.54	99.83	11	100.49	1	Investment	14.17	7.39	1.83	99.72	18	100.21	2
Index	10.81	6.72	1.55	100.00	11	100.00	1	Index	14.22	7.40	1.84	100.00	18	100.00	2



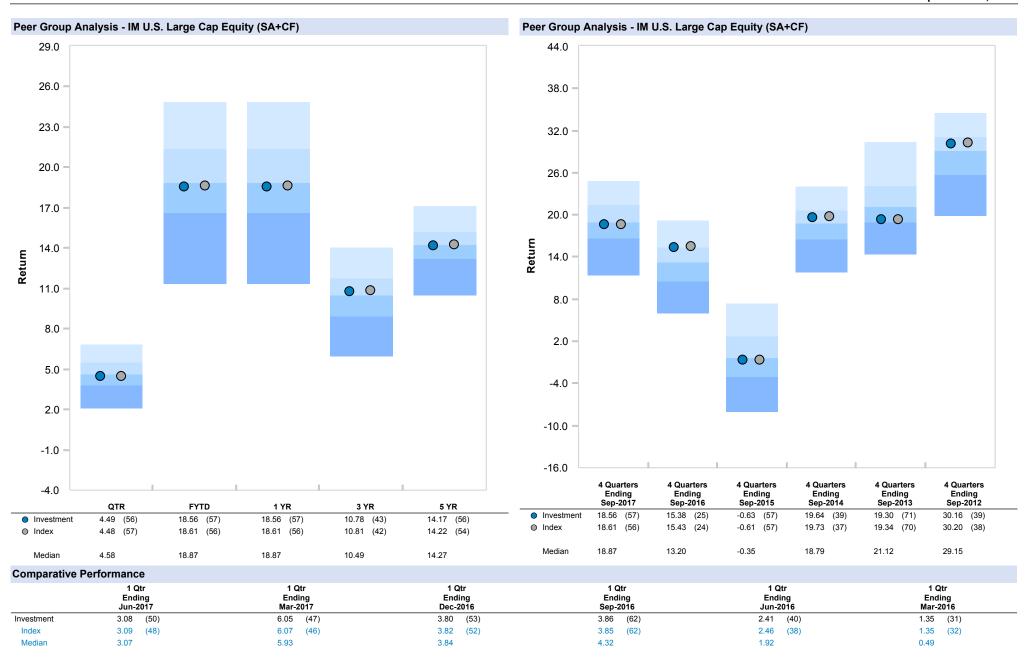




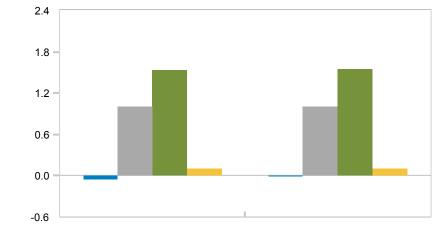
5 Year Rolling Percentile Rank IM U.S. Large Cap Equity (SA+CF)



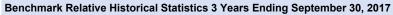




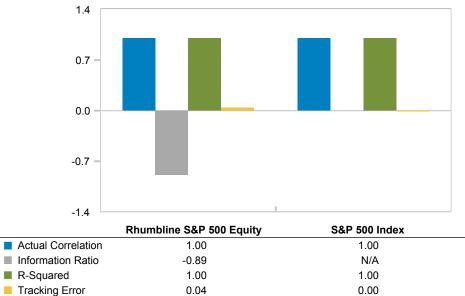




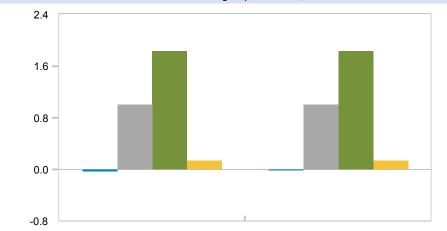
	Rhumbline S&P 500 Equity	S&P 500 Index
Alpha	-0.05	0.00
Beta	1.00	1.00
Sharpe Ratio	1.54	1.55
Treynor Ratio	0.10	0.10



Risk / Reward Historical Statistics 3 Years Ending September 30, 2017

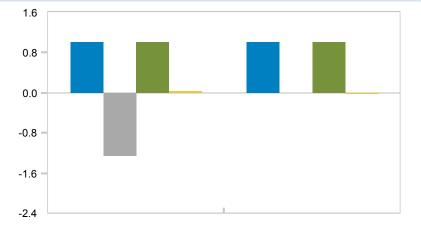


Risk / Reward Historical Statistics 5 Years Ending September 30, 2017



	Rhumbline S&P 500 Equity	S&P 500 Index	
Alpha	-0.03	0.00	
Beta	1.00	1.00	
Sharpe Ratio	1.83	1.84	
Treynor Ratio	0.14	0.14	

Benchmark Relative Historical Statistics 5 Years Ending September 30, 2017

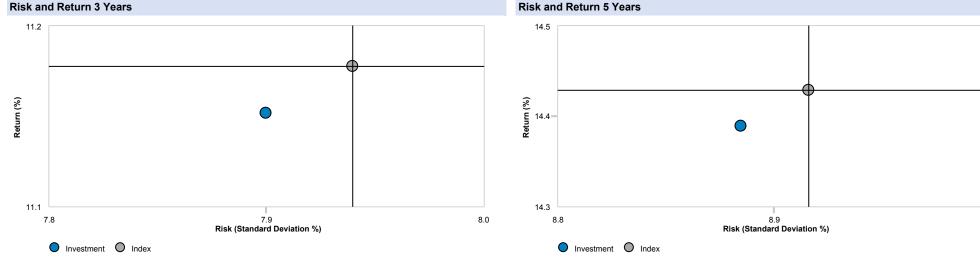


	Rhumbline S&P 500 Equity	S&P 500 Index	
Actual Correlation	1.00	1.00	
Information Ratio	-1.26	N/A	
R-Squared	1.00	1.00	
Tracking Error	0.04	0.00	

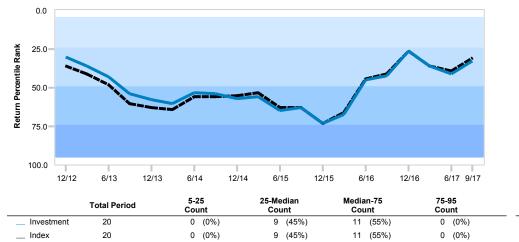
Benchmark: S&P 500 Index

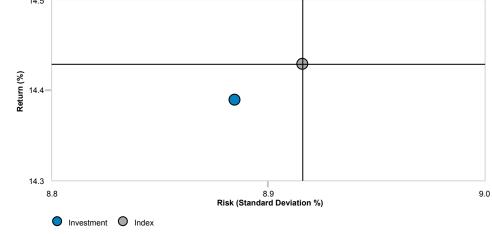


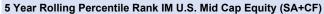
Historical Statistic	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.15	7.90	1.36	99.65	10	99.29	2	Investment	14.39	8.88	1.56	99.69	17	99.48	3
Index	11.18	7.94	1.36	100.00	10	100.00	2	Index	14.43	8.92	1.56	100.00	17	100.00	3

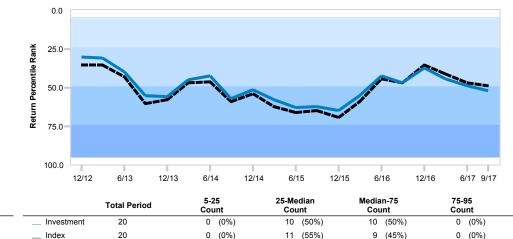












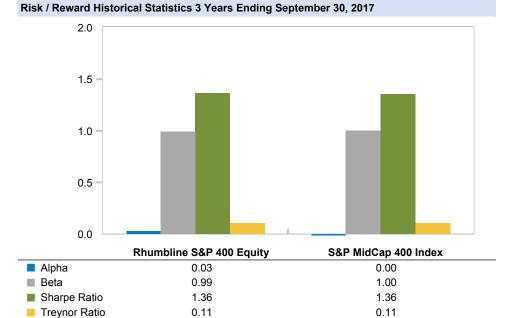


Page 32

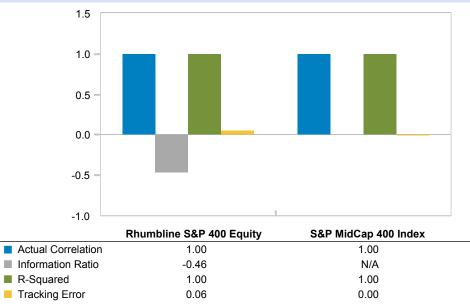
Strategy Review Rhumbline S&P 400 Equity | S&P MidCap 400 Index As of September 30, 2017





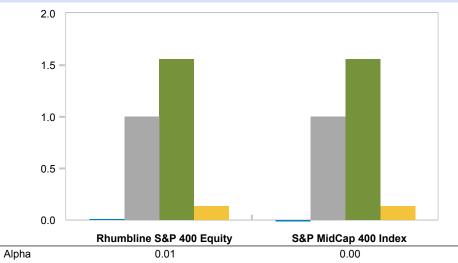


Benchmark Relative Historical Statistics 3 Years Ending September 30, 2017



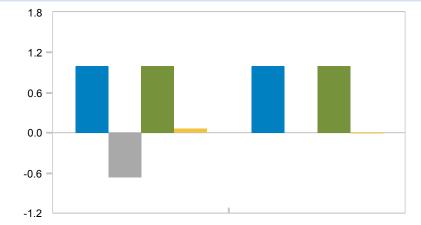
Benchmark: S&P MidCap 400 Index

Risk / Reward Historical Statistics 5 Years Ending September 30, 2017



Tananisinie oar 400 Equity	our maoup too mack	
0.01	0.00	
1.00	1.00	
1.56	1.56	
0.14	0.14	
	0.01 1.00 1.56	0.01 0.00 1.00 1.00 1.56 1.56

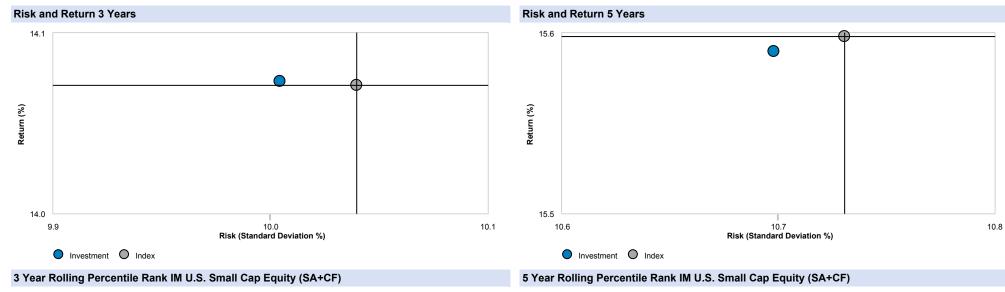
Benchmark Relative Historical Statistics 5 Years Ending September 30, 2017

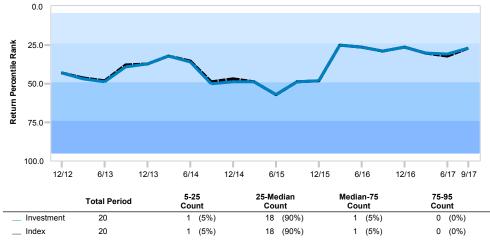


	Rhumbline S&P 400 Equity	S&P MidCap 400 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.67	N/A
R-Squared	1.00	1.00
Tracking Error	0.06	0.00



Historical Statistic	s 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	14.07	10.00	1.36	99.89	11	99.46	1	Investment	15.59	10.70	1.41	99.86	18	99.52	2
Index	14.07	10.04	1.36	100.00	11	100.00	1	Index	15.60	10.73	1.41	100.00	18	100.00	2







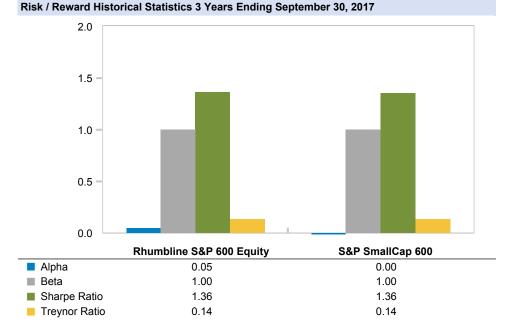
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	Тс	otal Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
nent	20	1 (5%)	18 (90%)	1 (5%)	0 (0%)	Investment	20	2 (10%)	13 (65%)	5 (25%)	0 (0%)
	20	1 (5%)	18 (90%)	1 (5%)	0 (0%)	Index	20	2 (10%)	15 (75%)	3 (15%)	0 (0%)



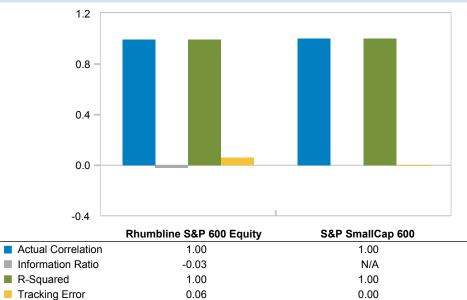
Strategy Review Rhumbline S&P 600 Equity | S&P SmallCap 600 As of September 30, 2017



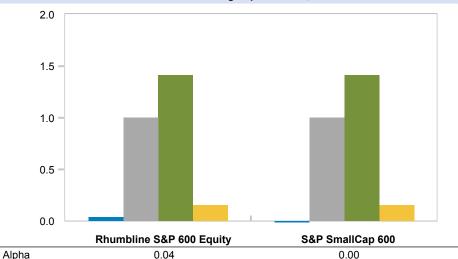




Benchmark Relative Historical Statistics 3 Years Ending September 30, 2017

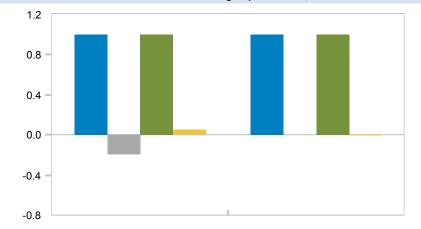


Risk / Reward Historical Statistics 5 Years Ending September 30, 2017



	Kiluinbine Sar 600 Equity	Sar Smancap 600	
Alpha	0.04	0.00	
Beta	1.00	1.00	
Sharpe Ratio	1.41	1.41	
Treynor Ratio	0.15	0.15	

Benchmark Relative Historical Statistics 5 Years Ending September 30, 2017

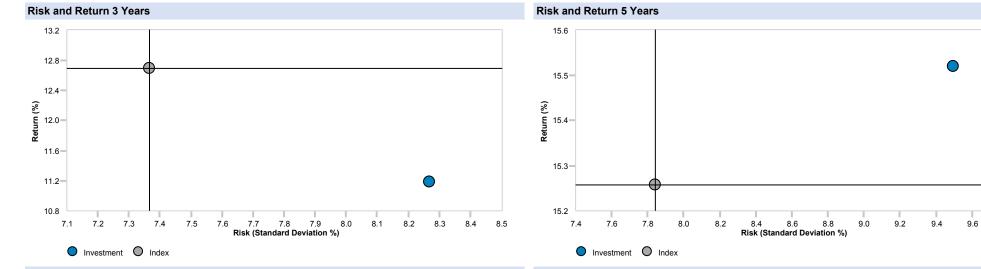


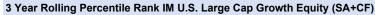
	Rhumbline S&P 600 Equity	S&P SmallCap 600	
Actual Correlation	1.00	1.00	
Information Ratio	-0.20	N/A	
R-Squared	1.00	1.00	
Tracking Error	0.06	0.00	

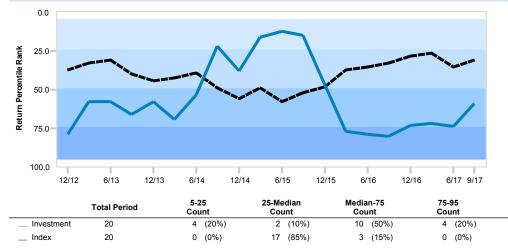
Benchmark: S&P SmallCap 600

Strategy Review Highland Capital Equity | Russell 1000 Growth Index As of September 30, 2017

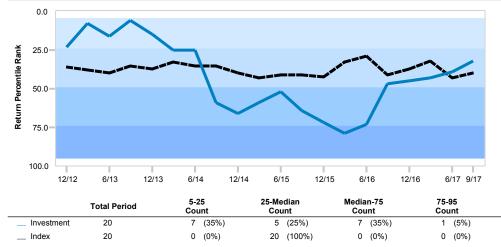
Historical Statistic	s 3 Years						Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.18	8.27	1.31	96.18	9	143.85	3	Investment	15.52	9.49	1.57	100.24	16	74.73	4
Index	12.69	7.37	1.66	100.00	11	100.00	1	Index	15.26	7.84	1.86	100.00	18	100.00	2







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

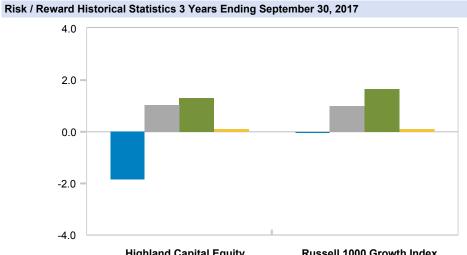




Strategy Review Highland Capital Equity | Russell 1000 Growth Index As of September 30, 2017

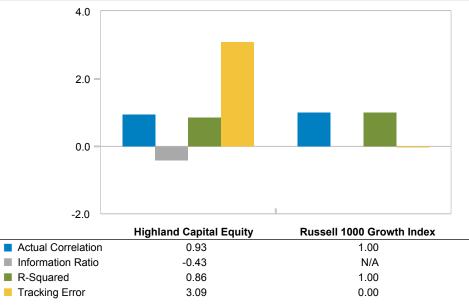






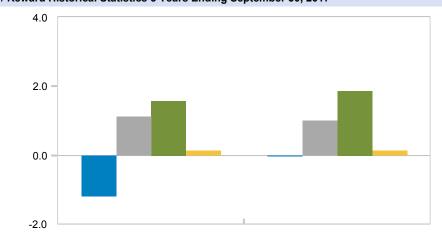
	Highland Capital Equity	Russell 1000 Growth Index
Alpha	-1.83	0.00
Beta	1.04	1.00
Sharpe Ratio	1.31	1.66
Treynor Ratio	0.10	0.12

Benchmark Relative Historical Statistics 3 Years Ending September 30, 2017



Benchmark: Russell 1000 Growth Index

Risk / Reward Historical Statistics 5 Years Ending September 30, 2017

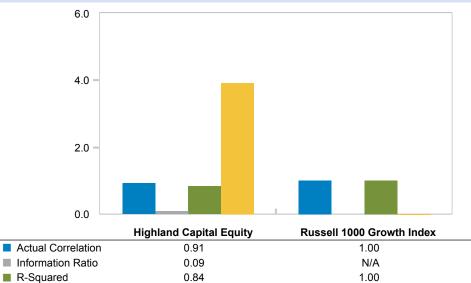


	Highland Capital Equity	Russell 1000 Growth Index
Alpha	-1.20	0.00
Beta	1.11	1.00
Sharpe Ratio	1.57	1.86
Treynor Ratio	0.13	0.15

Benchmark Relative Historical Statistics 5 Years Ending September 30, 2017

3.93

Tracking Error

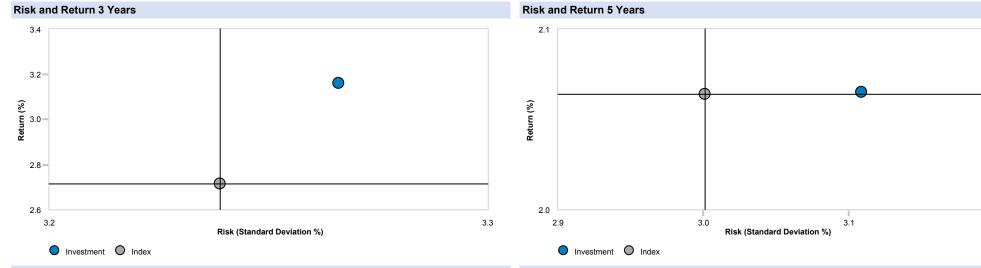




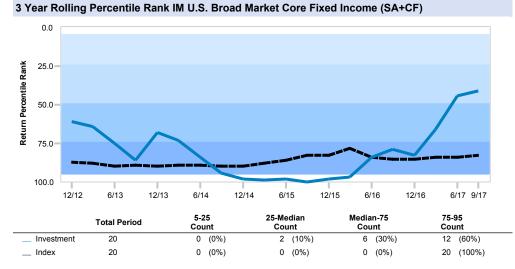
Strategy Review Highland Capital Fixed Income | Bloomberg Barclays U.S. Aggregate Index

As of September 30, 2017

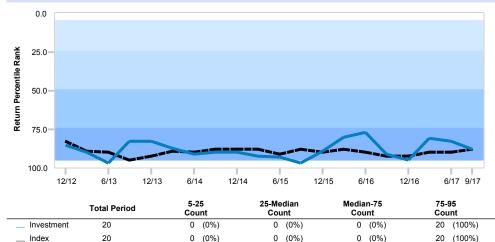
Historical Statistic	s 3 Years						Historical Statis	stics 5 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters					
Investment	3.16	3.27	0.89	105.34	9	88.44	3	Investment	2.07	3.11	0.62	99.04	14	97.47	6					
Index	2.71	3.24	0.76	100.00	9	100.00	3	Index	2.06	3.00	0.64	100.00	14	100.00	6					



__ Index



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



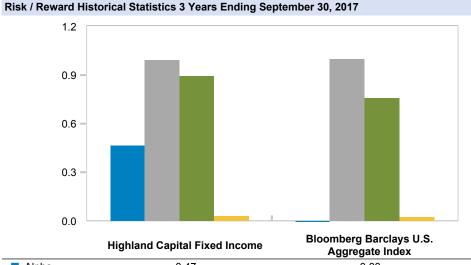


Page 41

Strategy Review Highland Capital Fixed Income | Bloomberg Barclays U.S. Aggregate Index As of September 30, 2017

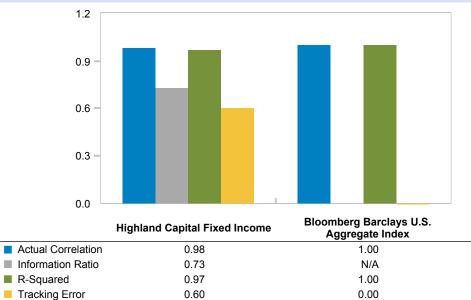




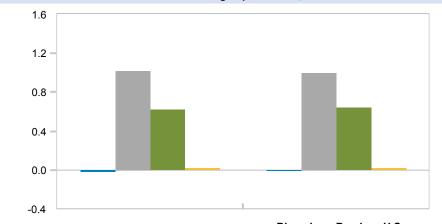


	rightaria capitari fixea filocific	Aggregate Index	
Alpha	0.47	0.00	
Beta	0.99	1.00	
Sharpe Ratio	0.89	0.76	
Treynor Ratio	0.03	0.02	

Benchmark Relative Historical Statistics 3 Years Ending September 30, 2017



Risk / Reward Historical Statistics 5 Years Ending September 30, 2017



	Highland Capital Fixed Income	Bloomberg Barclays U.S. Aggregate Index	
Alpha	-0.03	0.00	
Beta	1.01	1.00	
Sharpe Ratio	0.62	0.64	
Treynor Ratio	0.02	0.02	

Benchmark Relative Historical Statistics 5 Years Ending September 30, 2017

0.01

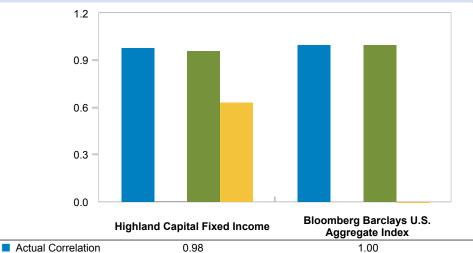
0.96

0.63

Information Ratio

R-Squared

Tracking Error



N/A

1.00

0.00

Benchmark: Bloomberg Barclays U.S. Aggregate Index

Strategy Review Oppenheimer Dreyfus (OIBAX) (DIBAX) | Citigroup Non-U.S. World Government Bond

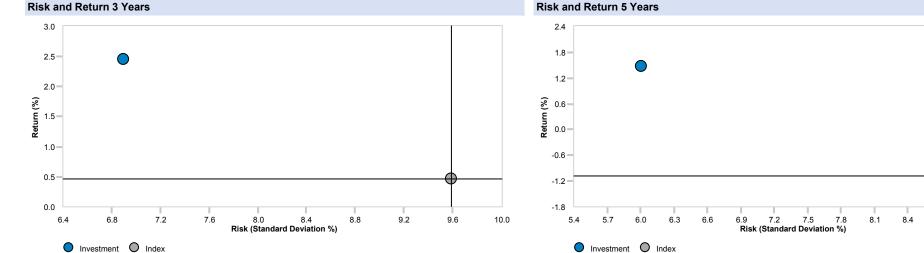
As of September 30, 2017

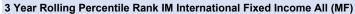
8.7

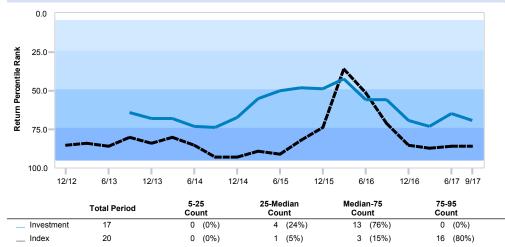
9.0

9.3

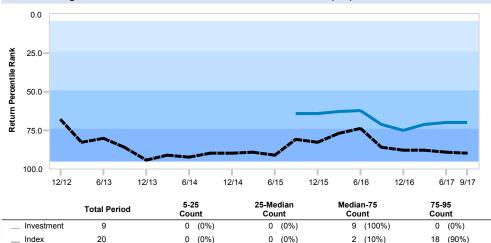
Historical Statistics	s 3 Years						Historical Statis	stics 5 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters					
Investment	2.46	6.90	0.35	60.37	8	30.28	4	Investment	1.48	6.01	0.24	57.97	13	30.32	7					
Index	0.47	9.59	0.07	100.00	7	100.00	5	Index	-1.07	8.63	-0.10	100.00	10	100.00	10					







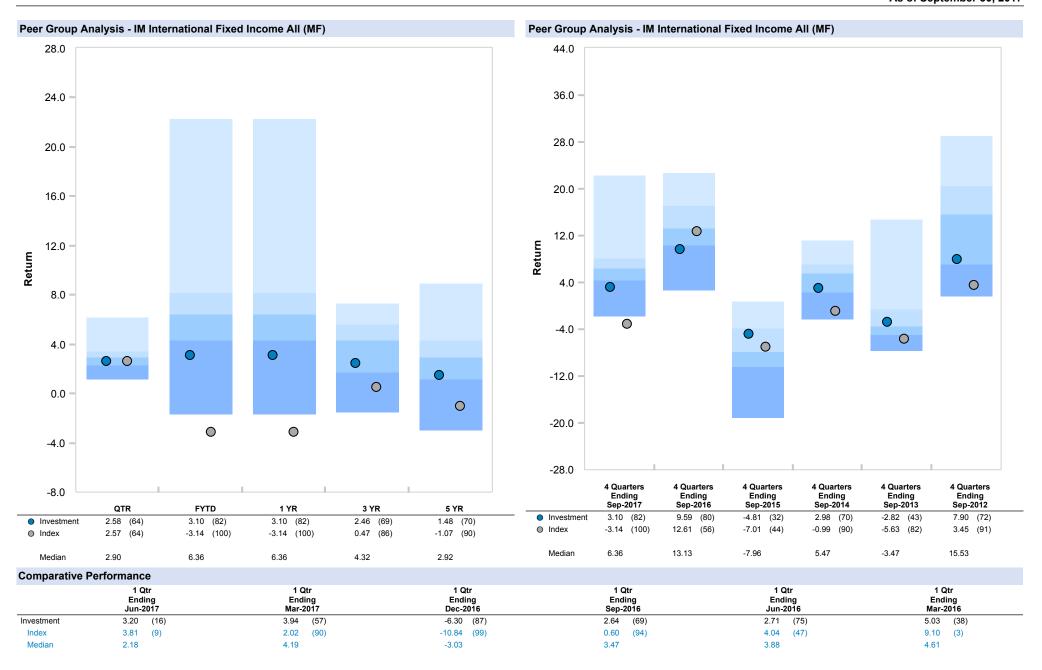
5 Year Rolling Percentile Rank IM International Fixed Income All (MF)





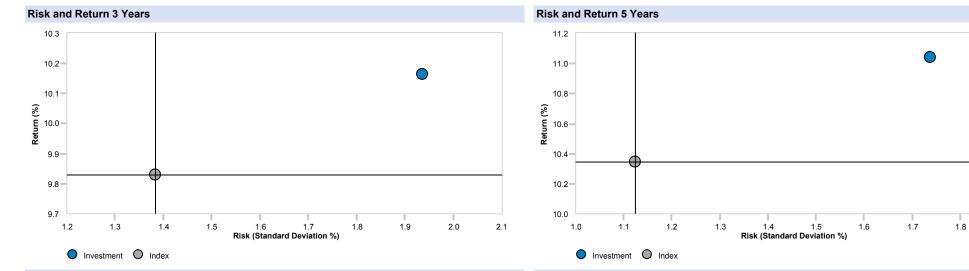
__ Index

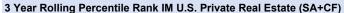
Strategy Review Oppenheimer Dreyfus (OIBAX) (DIBAX) | Citigroup Non-U.S. World Government Bond As of September 30, 2017

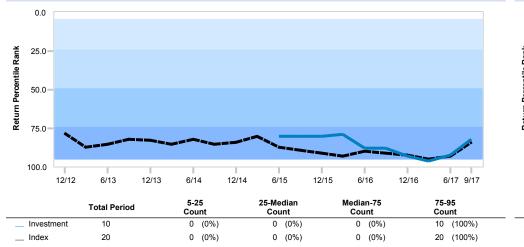




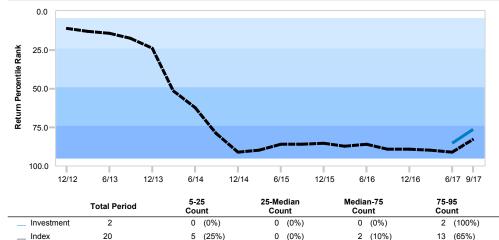
Historical Statistic	s 3 Years						Historical Statis	stics 5 Years													
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters						
Investment	10.17	1.94	4.74	103.38	12	N/A	N/A	Investment	11.04	1.74	5.77	106.56	20	N/A	N/A						
Index	9.83	1.38	6.13	100.00	12	N/A	N/A	Index	10.35	1.12	7.97	100.00	20	N/A	N/A						



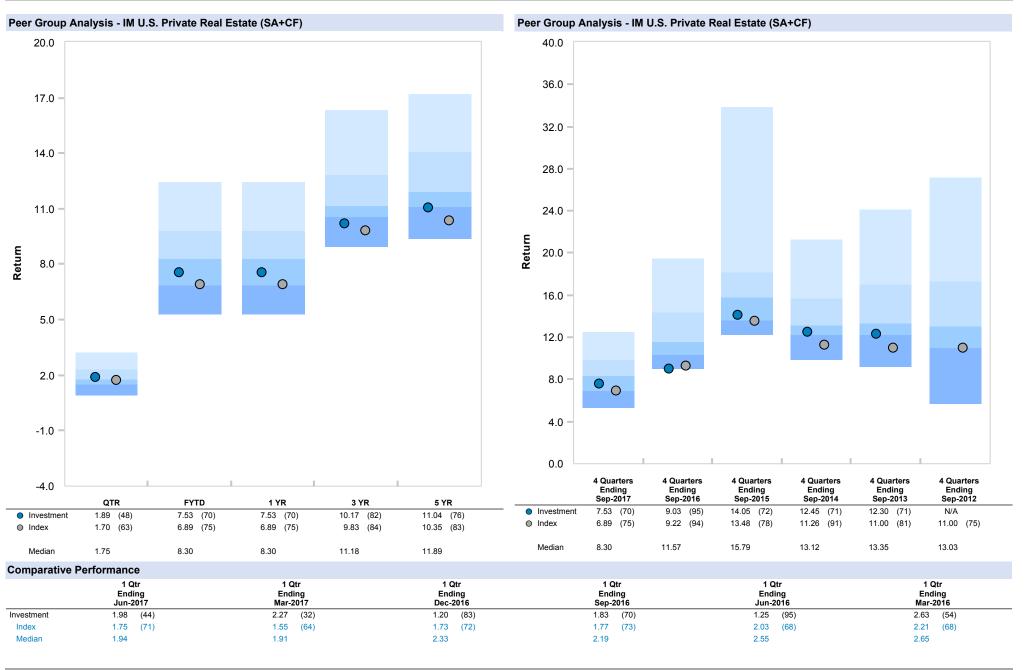




5 Year Rolling Percentile Rank IM U.S. Private Real Estate (SA+CF)









Benchmark History Investment Policy Benchmarks As of September 30, 2017

Total Policy Historical Hybrid Composition		Total Equity Historical Hybrid Composition	
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Mar-1992		Jun-2000	
Bloomberg Barclays U.S. 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	Law 0004	
		Jan-2004	00.00
Oct-2010		S&P 500 Index	60.00
Bloomberg Barclays U.S. 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
ISCI EAFE Index	10.00	S&P MidCap 400 Index	15.00
&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
			0.00
pr-2012	22 22	Oct-2007	
Bloomberg Barclays U.S. 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		
Citigroup Non-U.S. World Government Bond	4.00		
NCREIF Property Index	2.00		
oct-2015			
Bloomberg Barclays U.S. Aggregate Index	26.00		
S&P 500 Index	25.00		
S&P MidCap 400 Index	10.00		
Russell 1000 Growth Index	10.00		
/SCI EAFE Index	10.00		
S&P SmallCap 600	10.00	Total Fixed Income Historical Hybrid Composition	
Citigroup Non-U.S. World Government Bond	4.00	Allocation Mandate	Weight (%)
NCREIF Property Index	5.00	Apr-1994	
	0.00	Bloomberg Barclays U.S. Aggregate Index	89.00
		Citizroup Non U.S. World Covernment Bond	11.00

Citigroup Non-U.S. World Government Bond



Palm Beach Gardens Police Review of International Bond Funds



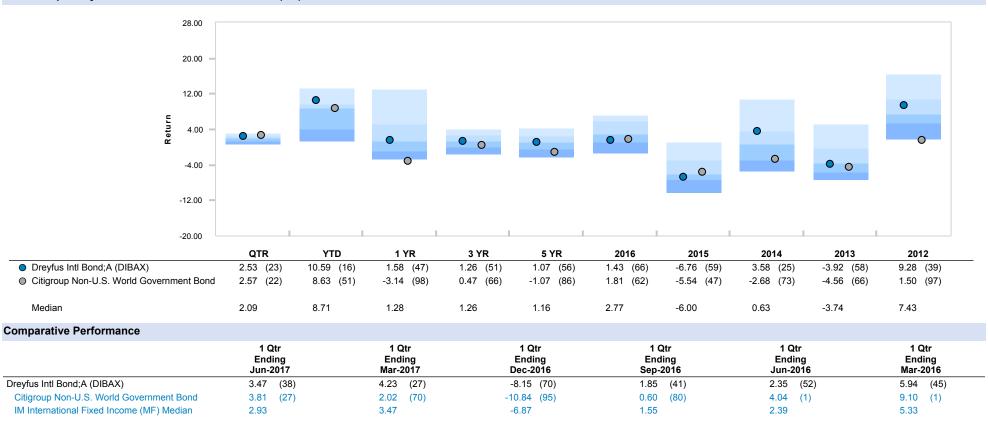
Mutual Fund Info from Lipper	Mutual	Fund	Info	from	Lipper
------------------------------	--------	------	------	------	--------

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
Total Assets :	\$76 Million
Total Assets Date :	09/30/2017
Gross Expense :	1.23%
Net Expense :	1.23%
Turnover :	127%

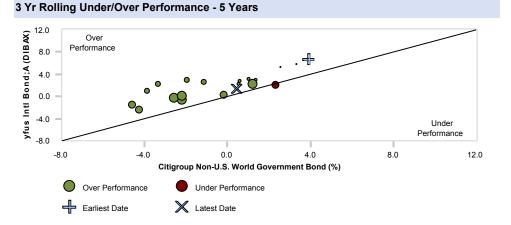
Summary Description

The investment seeks to maximize total return through capital appreciation and income. To pursue its goal, the fund normally invests at least 80% of its net assets, plus any borrowings for investment purposes, in fixed-income securities. It also normally invests at least 65% of its assets in non-U.S. dollar denominated fixed-income securities of foreign governments and companies located in various countries, including emerging markets. The fund may invest up to 25% of its assets in emerging markets generally and up to 5% of its assets in any single emerging market country. It is non-diversified.

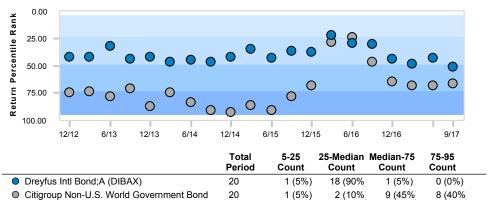
Peer Group Analysis - IM International Fixed Income (MF)



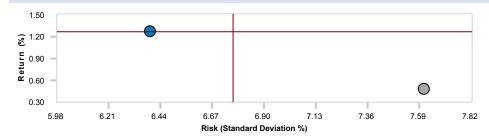




3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



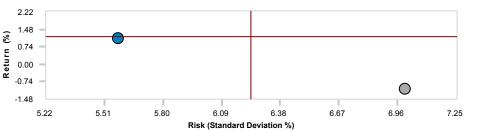
Return

1.26

0.47

1.26

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Dreyfus Intl Bond;A (DIBAX)	1.07	5.58
Citigroup Non-U.S. World Government Bond	-1.07	7.00
Median	1.16	6.23

Historical Statistics - 3 Years

___ Median

Dreyfus Intl Bond;A (DIBAX)

Citigroup Non-U.S. World Government Bond

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Dreyfus Intl Bond;A (DIBAX)	3.74	68.04	58.49	0.91	0.19	0.19	0.73	4.51
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.06	1.00	5.52
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)	3.80	70.27	51.81	1.79	0.54	0.19	0.67	4.01
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	-0.15	1.00	5.32

Standard

Deviation

6.40

7.61

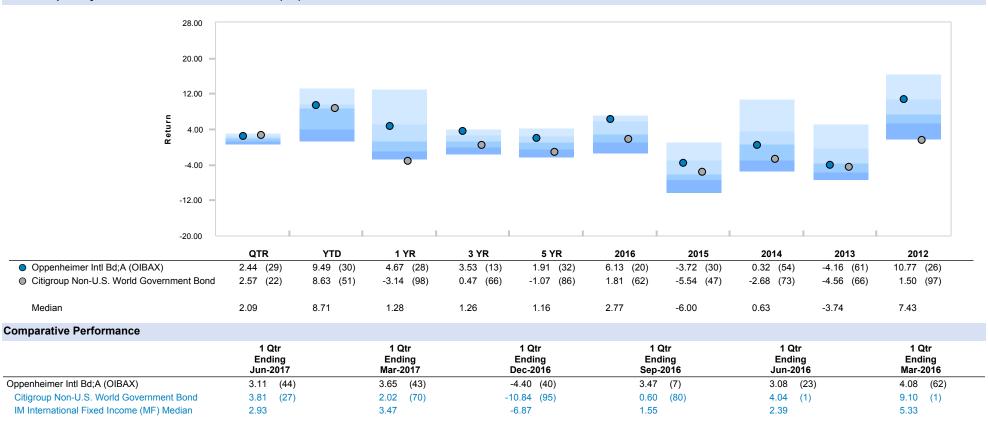


Mutual Fund Info	from Lipper
Product Name :	Oppenheimer Intl Bd;A (OIBAX)
Fund Family :	OppenheimerFunds Inc
Ticker :	OIBAX
Peer Group :	IM International Fixed Income (MF)
Benchmark :	Citigroup Non-U.S. World Government Bond
Fund Inception :	06/15/1995
Portfolio Manager :	Baijal/Kelly
Total Assets :	\$1,278 Million
Total Assets Date :	09/30/2017
Gross Expense :	1.05%
Net Expense :	1.04%
Turnover :	128%

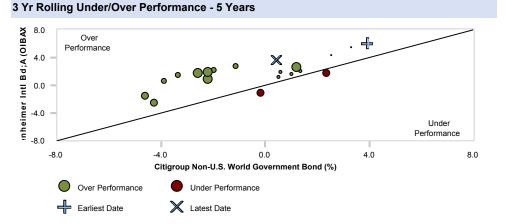
Summary Description

The investment seeks total return. The fund normally invests at least 80% of its assets in debt securities. It typically invests in at least three countries other than the United States. The fund invests in debt securities of issuers in both developed and emerging markets throughout the world. It invests mainly in debt securities of foreign government and corporate issuers. The fund may buy securities issued by companies of any size or market capitalization range and at times might emphasize securities of issuers in a particular capitalization range. It is non-diversified.

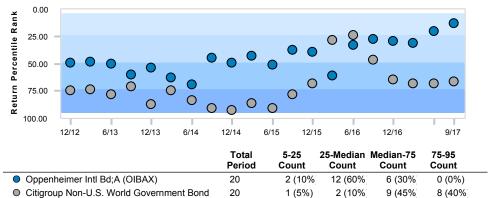
Peer Group Analysis - IM International Fixed Income (MF)



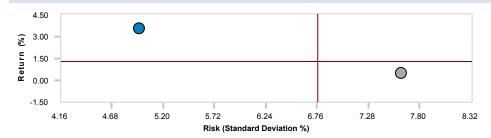




3 Yr Rolling Percentile Ranking - 5 Years

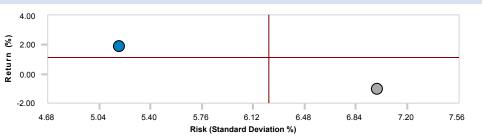


Peer Group Scattergram - 3 Years



	Return	Standard Deviation		
Oppenheimer Intl Bd;A (OIBAX)	3.53	4.96		
Citigroup Non-U.S. World Government Bond	0.47	7.61		
Median	1.26	6.76		

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Oppenheimer Intl Bd;A (OIBAX)	1.91	5.18
Citigroup Non-U.S. World Government Bond	-1.07	7.00
Median	1.16	6.23

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)	5.62	52.51	20.09	3.31	0.51	0.67	0.44	2.98
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	0.06	1.00	5.52
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)	5.31	59.56	33.79	2.46	0.54	0.36	0.49	3.65
Citigroup Non-U.S. World Government Bond	0.00	100.00	100.00	0.00	N/A	-0.15	1.00	5.32



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



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