Investment Performance Review Period Ending December 31, 2016

# West Palm Beach Police Pension Plan



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Formerly The Bogdahn Group

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On the cover of your standard quarterly report, and on all documents we will be sending to you going forward, you will notice **your name** comes before ours. That is not by accident. Everything from the services we provide to how we are structured as an organization is designed to ensure that you, our client, comes first.

We take our role as an independent institutional consulting firm and plan fiduciary very seriously, and we believe this approach and philosophy adds real value to our clients. To ensure that the client always comes first in the service equation and that our fiduciary responsibility is never compromised, the important principles of independence, objectivity and transparency are embodied in our mission and vision statements and define who we are as an organization. They are engrained in our culture and corporate values and used to guide our actions every day.

Over the years, the investment environment has grown more complex and we've seen our staff grow and our expertise and services advance to serve our expanding clientele. To strengthen business continuity and meet the needs of our clients, we recently began a program to broaden employee ownership of our firm. Inherently, as we thought about our mission (*To represent the sole interest of our clients by redefining independence*), vision (*To be a transformational organization viewed as the leader in our industry*), and the passion behind our service culture, we wanted to do something significant that would better reflect who we are as an organization and how we never compromise our client-first mentality and service philosophy.

# Why a Company Rebrand?

After more than a decade of growth and original brand equity, why would a company rebrand now? Though client-first consulting has been a cornerstone of our company since its inception, with the milestone of transitioning majority ownership from our founder to the firm's next generation of leadership, it became the perfect opportunity to reintroduce ourselves to the world as AndCo. We have always believed the assets of our firm were the collective body of individuals working together to serve our clients. It has always been bigger than one or even a handful of people. We feel this rebrand is a better reflection of this belief and conviction along with our mission and vision. Our team members could work at other places but they choose to work at AndCo because they believe this approach is better for clients. Business will continue as usual, as the leadership and team you have come to know and trust will not be impacted by this rebrand.

# Why AndCo?

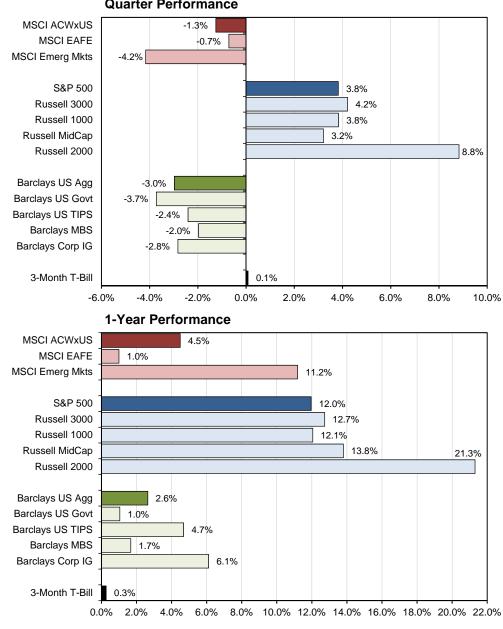
As AndCo, we want your first impression to be our commitment to client-first consulting. Our promise to you spans from our very foundation up to the name on our building. Most importantly, this company rebrand sets the stage for the future of our firm, and your place in it. At AndCo, it is always:





- Broad asset class returns were mixed for the 4<sup>th</sup> quarter. Domestic equity indices posted positive performance for the guarter, while broad international equity and fixed income benchmarks were negative for the period. The quarter's investment cycle was dominated first by the U.S. presidential election, and then by the largely anticipated Federal Reserve (Fed) interest rate hike in December. The uncertainty that drove equity returns lower during the first half of the guarter gave way to a string of positive macroeconomic data and a Trump victory that drove equity benchmarks, particularly in the U.S., higher through the remainder of the quarter. Trump's platform of strengthening infrastructure, deregulation, and lower personal and corporate taxes drove expectations higher for both domestic growth and inflation. The broad market Russell 3000 Index returned 4.2% for the guarter. The small cap Russell 2000 Index more than doubled performance of other capitalization indices with a return of 8.8% for the guarter and a strong 21.3% for the trailing one-year period.
- International equity market benchmarks stumbled during the quarter with the broad market MSCI ACWI ex U.S. Index posting a return of -1.3% for the period in U.S. dollar (USD) terms. Despite the difficult guarter, the broad market index returned a moderate 4.5% for 2016. Developed markets (-0.7%) outperformed emerging markets (-4.2%) for the guarter as developed market economic data was generally positive. However, emerging markets substantially outperformed developed markets for the one-year period with the MSCI Emerging Markets Index returning 11.2% versus a return of 1.0% for the MSCI EAFE Index.
- The quarter's strong economic backdrop led the Federal Open Market Committee (FOMC) to follow through on investors' expectations and raise short-term interest rates for the first time in 2016. The same events that drove domestic equity markets higher were a headwind for fixed income markets. As a result, the U.S. Treasury yield curve rose dramatically during the guarter with modestly elevated rates at shorter maturities and larger increases in midto-long-term maturities. All investment grade benchmarks were negative for the quarter, but the mortgage-backed securities sector was down less than other investment grade sectors due to its shorter duration. Although the 4<sup>th</sup> guarter took back some of 2016's earlier gains, investment grade benchmarks finished in positive territory for the year. The Bloomberg Barclays Investment Grade Corporate Bond Index was the best performer over the one-year period, advancing a solid 6.1%. Corporate issues benefited from increased demand for yield which led to credit spread compression, especially in lower quality issues.

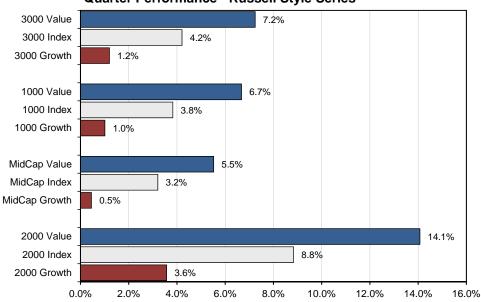




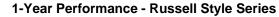
#### **Quarter Performance**

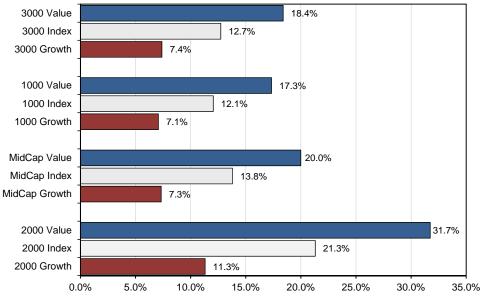


- U.S. equity index returns were positive across the style and capitalization spectrum for the 4<sup>th</sup> quarter as well as for calendar year 2016. During the quarter, index returns were driven by encouraging economic data including improvements in GDP growth, employment, housing, and consumer confidence being reported throughout the period. Domestic markets continued to rally after the November presidential election with several domestic indices hitting new highs on expectations resulting from Trump's "market-friendly" policy objectives. While the Fed did increase interest rates in December, the market reaction was relatively tame as the rate hike was widely expected.
- Small cap benchmarks posted the quarter's strongest performance for both value and growth issues. At the core, the small cap Russell 2000 Index returned a robust 8.8% for the quarter and a stellar 21.3% for the year. Although still positive, the core large cap Russell 1000 Index returned a lower 3.8% for the quarter and 12.1% for the year. This dispersion is not totally outside of the norm as small cap stocks generally outperform large cap stocks during "risk-on" market expansions. Interestingly, mid cap stocks finished behind both small and large cap issues for the quarter. This is partially due to the Russell Midcap Index's higher allocations to the real estate and utilities sectors, which were two of the worst performing sectors for the quarter.
- Value benchmarks more than doubled their comparable growth benchmarks across the capitalization spectrum for both the quarter and one-year periods. Unlike prior quarters where value index outperformance was driven by exposure to higher yielding "bond proxy" sectors, this quarter's returns were led by exposure to cyclical sectors, particularly financials. Value-style outperformance persists over the one-year period with double-digit returns ranging from an impressive 31.7% for the Russell 2000 Value Index to a still strong 17.3% for the Russell 1000 Value Index. In contrast, growth index performance lagged value results substantially, returning 11.3% and 7.1% for the Russell 2000 Growth and Russell 1000 Growth respectively.
- Domestic equity valuations appear stretched relative to historical levels based on Forward Price/Earnings ratios (P/E), with even the cheapest relative indices trading marginally above historical valuations. The large and midcap growth indices have valuation levels near their respective historical averages, while the remaining indices fall between 110% and 137% of their 15-year averages.



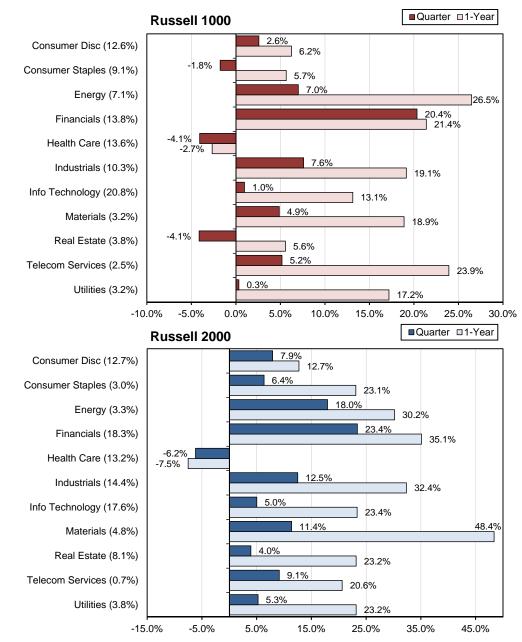
**Quarter Performance - Russell Style Series** 







- Large cap sector performance spanned a range of nearly 25% during the 4<sup>th</sup> guarter, with results in five of eleven economic sectors outpacing the Russell 1000 Index return, and eight of eleven sectors posting gains for the period. Financials were the clear leader during the guarter, posting a strong return of 20.4%, which nearly tripled the result of any other sector. Financials benefited from expectations for potential deregulation as well as the impact of higher interest rates on future profitability. The industrials (7.6%) and materials (4.9%) sectors also outperformed for the period as Trump's promise for increased investment in U.S. infrastructure brightened the outlook for both sectors. The energy sector (7.0%) also posted a solid gain for the guarter as oil prices rose following an OPEC agreement to cut supply in November. Prices rose further after several non-OPEC countries indicated they would also reduce production. The real estate and health care sectors were the weakest performers for the quarter, both posting -4.1% for the period. Real estate and other "bond proxy" sectors such as consumer staples and utilities were impacted by higher interest rates, reducing the demand for more defensive equity issues. The health care sector's weak performance was more symptomatic of the uncertainty surrounding the future of heath care regulation under a new Administration determined to repeal the Affordable Care Act. Despite some divergence in the 4<sup>th</sup> guarter, sector performance over the one-year period was robust with ten of eleven sectors posting positive results and seven putting up double-digit gains.
- Small cap sector results were roughly in-line with large caps for the 4<sup>th</sup> quarter, with five of eleven economic sectors outpacing the Russell 2000 Index return for the quarter and ten of eleven sectors posting positive results for the period. Most of the trends observable in large cap index sector performance also impacted the small cap sectors, but to a larger, positive degree. Similar to large cap issues, higher yielding, defensive sectors lagged the more cyclical, economically sensitive sectors. Over the trailing one-year period the materials, financials, industrials, and energy sectors each posted returns in excess of 30%. The sole negative small cap sector for the year was health care with a return of -7.5%.
- Using S&P 500 sector valuations as a proxy for the market, Forward P/E ratios for five GICS sectors were below their long-term 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 December 31, 2016

Top 10 Weighted Stocks					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Apple Inc	2.95%	3.0%	12.5%	Information Technology	
Microsoft Corp	2.19%	8.6%	15.1%	Information Technology	
Exxon Mobil Corp	1.75%	4.3%	19.9%	Energy	
Johnson & Johnson	1.47%	-1.8%	15.3%	Health Care	
JPMorgan Chase & Co	1.46%	30.5%	34.6%	Financials	
Berkshire Hathaway Inc B	1.43%	12.8%	23.4%	Financials	
Amazon.com Inc	1.35%	-10.4%	10.9%	Consumer Discretionary	
General Electric Co	1.35%	7.5%	4.6%	Industrials	
AT&T Inc	1.22%	6.0%	29.9%	Telecommunication Services	
Facebook Inc A	1.20%	-10.3%	9.9%	Information Technology	

Top 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
CVR Energy Inc	0.00%	91.7%	-27.2%	Energy	
CoreCivic Inc	0.01%	79.4%	0.8%	Real Estate	
United States Steel Corp	0.02%	75.4%	319.6%	Materials	
California Resources Corp	0.00%	70.3%	-8.6%	Energy	
NVIDIA Corp	0.25%	56.0%	226.9%	Information Technology	
SVB Financial Group	0.04%	55.3%	44.4%	Financials	
KeyCorp	0.09%	50.9%	42.1%	Financials	
EP Energy Corp A	0.00%	49.5%	49.5%	Energy	
Goldman Sachs Group Inc	0.43%	48.9%	34.9%	Financials	
SLM Corp	0.02%	47.5%	69.0%	Financials	

Bottom 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Twilio Inc A	0.00%	-55.2%	N/A	Information Technology	
Puma Biotechnology Inc	0.00%	-54.2%	-60.8%	Health Care	
Community Health Systems Inc	0.00%	-51.6%	-74.5%	Health Care	
Fitbit Inc A	0.00%	-50.7%	-75.3%	Information Technology	
GoPro Inc A	0.00%	-47.8%	-51.6%	Consumer Discretionary	
Hertz Global Holdings Inc	0.01%	-46.3%	-61.8%	Industrials	
GNC Holdings Inc	0.00%	-45.1%	-63.0%	Consumer Discretionary	
Alnylam Pharmaceuticals Inc	0.01%	-44.8%	-60.2%	Health Care	
Juno Therapeutics Inc	0.01%	-37.2%	-57.1%	Health Care	
Groupon Inc	0.01%	-35.5%	8.1%	Consumer Discretionary	

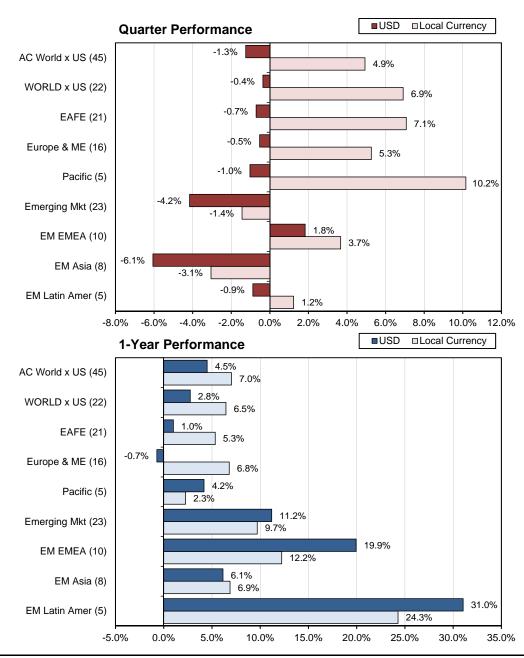
Top 10 Weighted Stocks					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Advanced Micro Devices Inc	0.45%	64.1%	295.1%	Information Technology	
Microsemi Corp	0.33%	28.6%	65.6%	Information Technology	
Webster Financial Corp	0.26%	43.7%	50.0%	Financials	
Prosperity Bancshares Inc	0.26%	31.4%	53.5%	Financials	
Bank of the Ozarks Inc	0.25%	37.5%	8.0%	Financials	
RSP Permian Inc	0.23%	15.1%	82.9%	Energy	
Curtiss-Wright Corp	0.23%	8.2%	44.4%	Industrials	
EMCOR Group Inc	0.23%	18.8%	48.2%	Industrials	
Aspen Technology Inc	0.23%	16.9%	44.8%	Information Technology	
PrivateBancorp Inc	0.23%	18.0%	32.2%	Financials	

Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Wins Finance Holdings Inc	0.01%	508.7%	1400.0%	Financials		
Key Energy Services Inc	0.00%	293.0%	-66.2%	Energy		
Peabody Energy Corp	0.00%	222.6%	-34.9%	Energy		
Altisource Asset Management Corp	0.00%	189.2%	211.8%	Real Estate		
Seventy Seven Energy Inc	0.00%	138.7%	4185.7%	Energy		
AK Steel Holding Corp	0.17%	111.4%	355.8%	Materials		
Era Group Inc	0.02%	110.8%	52.2%	Energy		
NL Industries Inc	0.00%	107.4%	168.1%	Industrials		
Fred's Inc	0.03%	106.1%	15.6%	Consumer Discretionary		
Pier 1 Imports Inc	0.04%	104.8%	77.9%	Consumer Discretionary		
	0.0470	104.070	11.370	Consumer Discretionary		

Bottom 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Code Rebel Corp	0.00%	-98.0%	-100.0%	Information Technology	
Republic Airways Holdings Inc	0.00%	-93.4%	-98.5%	Industrials	
Basic Energy Services Inc	0.00%	-92.5%	-97.7%	Energy	
Ophthotech Corp	0.01%	-89.5%	-93.8%	Health Care	
Cempra Inc	0.01%	-88.4%	-91.0%	Health Care	
Violin Memory Inc	0.00%	-88.2%	-98.2%	Information Technology	
Adeptus Health Inc Class A	0.01%	-82.3%	-86.0%	Health Care	
6D Global Technologies Inc	0.00%	-80.0%	-99.7%	Information Technology	
Proteon Therapeutics Inc	0.00%	-79.6%	-87.7%	Health Care	
Anthera Pharmaceuticals Inc	0.00%	-79.4%	-86.0%	Health Care	

Source: Morningstar Direct

- As the USD versus local currency return charts illustrate, the USD's strength was a major headwind for international index performance during the 4<sup>th</sup> quarter as well as over the trailing one-year period. The primary factor contributing to the return differentials in 2016 was increasing divergence in U.S. monetary policy (tightening) relative to other developed countries (further accommodation). While the U.S. growth prospects support reduced monetary stimulus, economic data in the Eurozone supports a continuation of monetary accommodation to bolster what has been a slow recovery. As such, the European Central Bank (ECB) lengthened its quantitative easing program, originally scheduled to end in March 2017, to December 2017. Although the program was extended, the ECB reduced the size of monthly purchases from \$80 billion euros to \$60 billion euros. This economic divergence was further reinforced after the election as Trump's pro-growth policies and protectionist views on trade, if enacted, favor additional USD strength.
- The 4<sup>th</sup> guarter's USD performance was negative for both developed (-0.7%) and emerging (-4.2%) markets. While emerging market performance (-1.4%) was also negative in local currency terms for the period, the currency impact was more pronounced in developed market results with the MSCI-EAFE Index's local currency return of 7.1% representing a 7.9% spread relative to the benchmark's USD returns. While USD strength is also evident in the one-year performance of developed markets (1.0% USD vs. 5.3% local), USD emerging market performance of 11.2% marginally outpaced the emerging market local currency return of 9.7%. Japanese equities advanced considerably in local currency terms as a weaker yen was viewed as a major tailwind to its export driven economy. The U.K. also posted a solid guarter in local currency terms on the back of a weakening pound sterling and continued stimulus. Despite their local currency return strength, the USD returns of both countries were negative for the quarter with Japan returning -0.2% and the U.K. returning -0.9%.
- While the 4<sup>th</sup> quarter's emerging market results were negatively impacted by rising yields, a stronger USD, and fears surrounding future U.S. trade and foreign policy, one-year performance in emerging markets was more than double the returns posted by developed markets. Although one-year of outperformance does not represent a trend, emerging market investors are hoping for a continuance of 2016's emerging market performance surge after several years of lagging results relative to domestic and developed international equity markets.





The Market Environment
U.S. Dollar International Index Attribution & Country Detail
As of December 31, 2016

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	12.5%	1.6%	-1.3%
Consumer Staples	11.2%	-10.3%	-2.8%
Energy	5.5%	10.4%	26.8%
Financials	21.2%	9.5%	-1.7%
Health Care	10.7%	-7.8%	-11.8%
Industrials	14.0%	-1.9%	6.7%
Information Technology	5.5%	-3.2%	3.6%
Materials	7.9%	3.4%	24.3%
Real Estate	3.7%	-7.4%	2.6%
Telecommunication Services	4.5%	-6.9%	-7.3%
Utilities	3.4%	-7.4%	-5.5%
Total	100.0%	-0.7%	1.0%

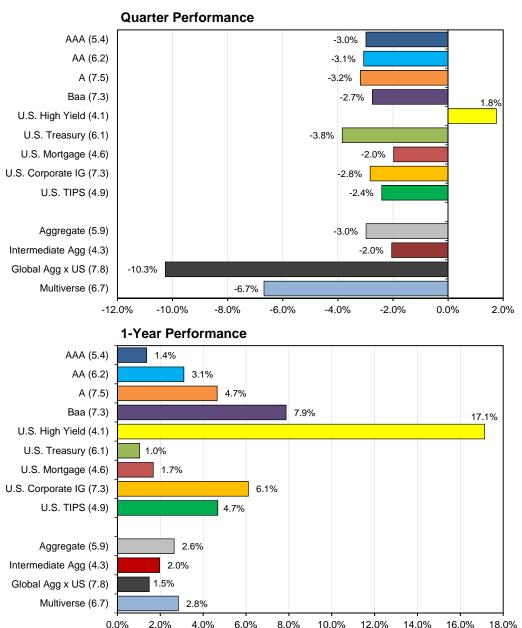
MSCI - ACWIxUS	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	11.5%	-0.9%	-0.6%
Consumer Staples	9.8%	-10.1%	-1.9%
Energy	7.3%	8.3%	31.3%
Financials	23.4%	6.8%	4.0%
Health Care	8.1%	-8.1%	-13.1%
Industrials	11.7%	-2.2%	6.3%
Information Technology	9.3%	-5.0%	10.7%
Materials	8.0%	2.6%	27.6%
Real Estate	3.3%	-7.9%	1.4%
Telecommunication Services	4.7%	-6.7%	-4.1%
Utilities	3.2%	-7.2%	-3.3%
Total	100.0%	-1.3%	4.5%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Consumer Discretionary	10.3%	-9.5%	0.9%
Consumer Staples	7.2%	-10.5%	0.4%
Energy	7.9%	8.0%	36.5%
Financials	24.4%	-0.7%	15.0%
Health Care	2.5%	-9.6%	-7.5%
Industrials	5.8%	5.8% -6.2%	
Information Technology	23.3%	-6.3%	16.8%
Materials	7.4%	4.2%	31.4%
Real Estate	2.6%	-10.5%	-1.8%
Telecommunication Services	5.9%	-6.2%	2.0%
Utilities	2.9%	-6.8%	3.2%
Total	100.0%	-4.2%	11.2%

	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	24.1%	17.0%	-0.2%	2.4%
Jnited Kingdom	18.3%	12.9%	-0.9%	-0.1%
France	10.2%	7.2%	2.9%	4.9%
Germany	9.3%	6.5%	1.5%	2.8%
Switzerland	8.7%	6.1%	-3.9%	-4.9%
Australia	7.4%	5.2%	0.7%	11.5%
Netherlands	3.3%	2.3%	-2.1%	4.8%
Hong Kong	3.3%	2.3%	-9.0%	2.3%
Spain	3.1%	2.2%	2.2%	-1.0%
Sweden	2.8%	2.0%	-0.8%	0.6%
taly	2.1%	1.5%	10.8%	-10.5%
Denmark	1.7%	1.2%	-8.7%	-15.8%
Singapore	1.2%	0.9%	-3.6%	1.4%
Belgium	1.2%	0.8%	-11.8%	-7.6%
Finland	1.0%	0.7%	-4.4%	-4.7%
srael	0.7%	0.5%	-11.3%	-24.9%
Norway	0.7%	0.5%	2.4%	13.3%
reland	0.5%	0.3%	0.1%	-7.1%
Austria	0.2%	0.3%	6.5%	11.3%
New Zealand	0.2%	0.1%	-10.9%	18.4%
Portugal	0.2%	0.1%	-2.9%	3.6%
fotal EAFE Countries	100.0%		-2.9%	1.0%
	100.0%	70.3% 7.1%		
Canada Fotal Developed Countries		7.1%	3.3% -0.4%	24.6% 2.8%
China				
		6.0%	-7.1%	0.9%
Korea		3.3%	-5.6%	8.8%
Faiwan		2.8%	-2.2%	18.5%
ndia		1.9%	-8.0%	-1.4%
Brazil		1.7%	2.1%	66.2%
South Africa		1.6%	-4.1%	17.9%
Russia		1.0%	18.6%	54.8%
Mexico		0.8%	-7.9%	-9.2%
ndonesia		0.6%	-7.8%	17.0%
Malaysia		0.6%	-8.4%	-3.9%
Thailand	_	0.5%	-1.8%	26.6%
Philippines		0.3%	-12.8%	-6.6%
Chile	_	0.3%	2.2%	15.6%
Poland		0.3%	3.4%	0.1%
Turkey		0.2%	-13.7%	-8.5%
Qatar		0.2%	0.7%	6.3%
Jnited Arab Emirates		0.2%	-1.5%	13.6%
Colombia		0.1%	-2.3%	26.5%
Peru		0.1%	2.5%	55.6%
Greece		0.1%	15.3%	-12.1%
lungary		0.1%	9.3%	35.4%
Czech Republic		0.0%	-3.4%	-5.0%
Egypt		0.0%	-23.3%	-11.5%
Total Emerging Countries		22.7%	-4.2%	11.2%
Total ACWIXUS Countries		100.0%	-1.3%	4.5%

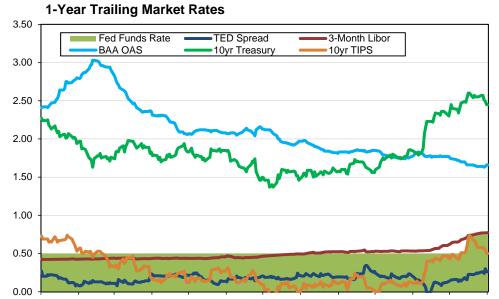


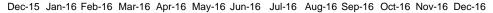
- After defying logic and market expectations with solid positive results for most of 2016, fixed income benchmarks fell across various sectors and quality segments during the 4<sup>th</sup> quarter as the reality of higher interest rates and inflation expectations exerted their powerful impact on yields. On the interest rate front, market rates rose through the quarter as investors prepared for a telegraphed, and ultimately realized, interest rate increase of 25 basis points (bps) by the Fed. The December increase was supported by continued improvement in the U.S. economy, and represented the sole Fed rate increase for 2016. On the inflation front, Donald Trump's victory in the U.S. presidential election also played a role in the quarter's negative fixed income results as market expectations after the victory shifted sentiment toward potentially higher inflation and economic growth.
- Looking through the quality lens, each of the fixed income quality segment benchmarks (with the exception of high yield) finished the 4<sup>th</sup> quarter down roughly -3%. The high yield (lower quality) benchmark was the only index to post a positive result for the quarter with a return of 1.8%. The high yield index benefited from its lower duration (less interest rate sensitivity) as well as a steady compression in credit spreads that offset the impact of generally higher market yields. Extending the comparison to the one-year period, the quality benchmarks all posted positive results with annual returns displaying an inverse relationship with their quality.
- Examining results on a sector basis shows the nominal Treasury sector feeling the largest impact from the yield curve shift with a 4<sup>th</sup> quarter return of -3.8%. The lower-duration TIPS index returned -2.4% for the quarter. The mortgage sector posted the quarter's best relative result with a return of -2.0% benefiting from its lower duration. Given the previously mentioned negative impact of USD strength on foreign investments, the 4<sup>th</sup> quarter was a particularly difficult quarter for global fixed income markets with the Global Aggregate ex-U.S. index returning -10.3%. Despite the 4<sup>th</sup> quarter's negative index results, each sector and global benchmark posted positive results for the trailing one-year period.
- The Fed stated that future rate increases will be implemented at a measured pace and will be based on an ongoing assessment of current economic data. However, future policy action by the new Trump Administration and global economic developments will likely impact the pace of future interest rate increases as well.

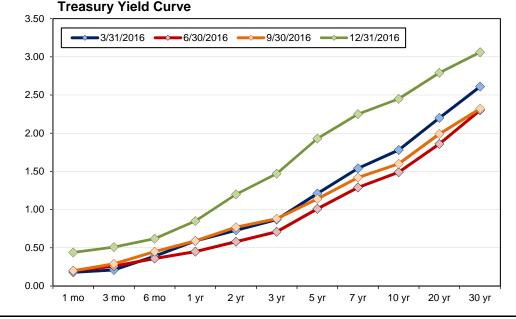




- Much of the index performance detailed in the bar graphs on the previous page is visible on a time series basis by reviewing the line graphs to the right. The '1-Year Trailing Market Rates' chart illustrates that after trading in a tight range for most of the year, the 10-year Treasury yield (green line) rose dramatically over the final months of 2016, closing at a yield (2.45%) near its one-year high. The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional yield premium that investors require to purchase and hold non-Treasury issues. The steady decline in credit spreads throughout 2016 is equivalent to an interest rate decrease on corporate bonds, which results in a tailwind for corporate bond index returns. While there was some upside momentum in credit spreads early in 2016, they have narrowed by over 1.25% since their high on February 11<sup>th</sup>.
- The lower graph provides a snapshot of the U.S. Treasury yield curve at each of the last four calendar quarters and clearly illustrates the unrest that materialized in Treasury yields during the 4<sup>th</sup> quarter. While each of the last three quarter-end yield curves show a fairly tight distribution, the December 31<sup>st</sup> reading is higher at all maturities with both short- and long-term rates finishing 2016 near the high end of their respective 12-month trading ranges. This upward shift caused yields to rise an average of 22 bps for maturities of less than one-year, 60 bps for the two- to five-year maturity range, and 81 bps for the seven- to thirty-year maturity range. Greater yield increases at the longer end of the curve represent a "steepening" of the yield curve which conveys market anticipation of higher interest rates in the future.
- Given the magnitude of the increase in yields that occurred during the period, it is no surprise that most fixed income indices finished the quarter in negative territory. In a rising rate environment, it is also expected that longer-duration market indices will fall more than equivalent lower-duration benchmarks. Finally, while global benchmarks are impacted by the same yield and duration factors as domestic benchmarks, they have the additional powerful lever of currency impact. This currency effect can either be an offsetting benefit to negative yield and duration factors in a rising rate environment or an exacerbation of negative performance as it was during the 4<sup>th</sup> quarter.









Total Fund Compliance:	Yes	No
The total plan return equaled or exceeded the total plan benchmark over the trailing five year period.		•
The five year return ranks in the top 40% of its peers.	•	
The five year standard deviation is less than the total fund index standard deviation.		•

Equity Compliance:	Yes	No
The total equity return equaled or exceeded the benchmark over the trailing three year period.		•
The amount invested in any one issuing company is less than 5% of the Fund's total assets.	•	
The aggregate investment in any one company less than 5% of the outstanding stock of the company.	•	
The amount invested in common stocks and convertible bonds is less than or equal to 70% of the Total Fund's total assets at market value.	•	

Fixed Income Compliance:	Yes	No
The total fixed income return equaled or exceeded the benchmark over the trailing five year period.	•	
The five year return ranks in the top 40% of its peers.	•	
The minimum quality rating of the domestic bond investments is BBB from Standard & Poor's or BAA from Moody's.	•	
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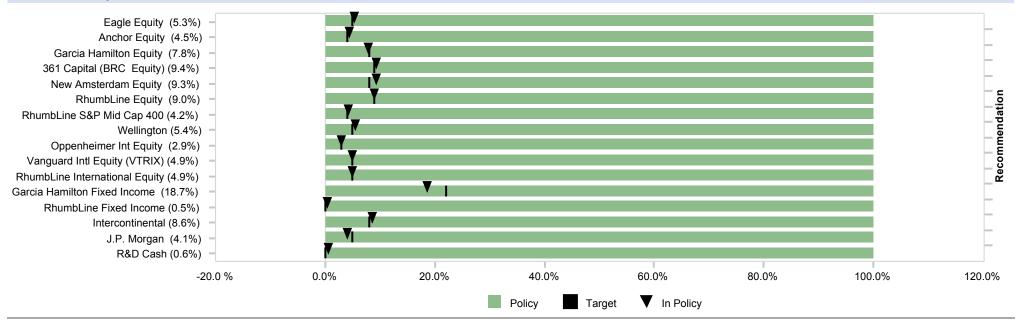
The five year standard deviation is less than the index standard deviation.



# Asset Allocation Compliance

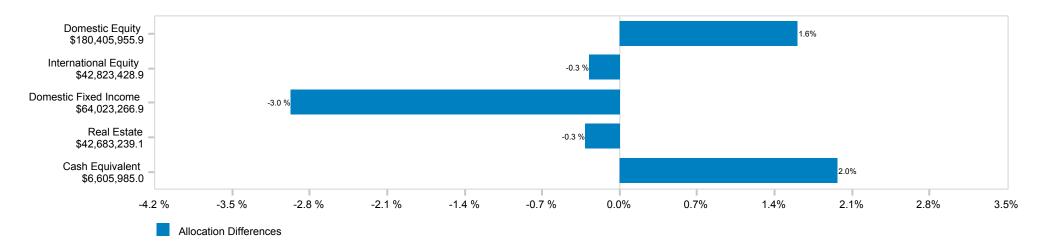
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Total Fund Composite	336,541,876	100.0	100.0	0.0	-
Eagle Equity	17,893,245	5.3	5.0	0.3	-1,066,151
Anchor Equity	15,001,783	4.5	4.0	0.5	-1,540,108
Garcia Hamilton Equity	26,234,647	7.8	8.0	-0.2	688,703
361 Capital (BRC Equity)	31,529,735	9.4	9.0	0.4	-1,240,966
New Amsterdam Equity	31,226,672	9.3	8.0	1.3	-4,303,322
RhumbLine Equity	30,335,041	9.0	9.0	0.0	-46,272
RhumbLine S&P Mid Cap 400	14,008,255	4.2	4.0	0.2	-546,580
Wellington	18,316,195	5.4	5.0	0.4	-1,489,101
Oppenheimer Int Equity	9,754,739	2.9	3.0	-0.1	341,517
Vanguard Intl Equity (VTRIX)	16,484,003	4.9	5.0	-0.1	343,091
RhumbLine International Equity	16,584,710	4.9	5.0	-0.1	242,384
Garcia Hamilton Fixed Income	62,836,073	18.7	22.0	-3.3	11,203,140
RhumbLine Fixed Income	1,565,001	0.5	0.0	0.5	-1,565,001
Intercontinental	28,976,953	8.6	8.0	0.6	-2,053,603
J.P. Morgan	13,706,286	4.1	5.0	-0.9	3,120,808
R&D Cash	2,088,538	0.6	0.0	0.6	-2,088,538

#### **Executive Summary**





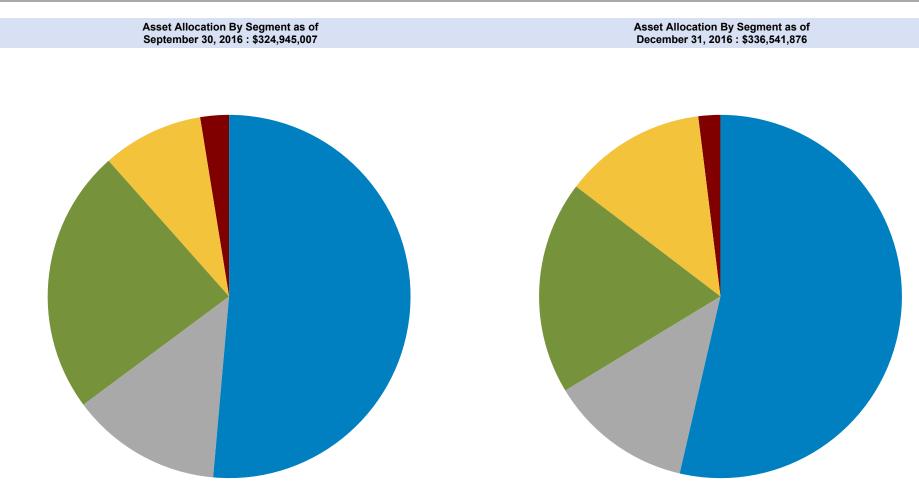
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Domestic Equity	180,405,956	53.6	52.0	1.6	-5,404,181
International Equity	42,823,429	12.7	13.0	-0.3	927,015
Domestic Fixed Income	64,023,267	19.0	22.0	-3.0	10,015,946
Real Estate	42,683,239	12.7	13.0	-0.3	1,067,205
Cash Equivalent	6,605,985	2.0	0.0	2.0	-6,605,985
Total Fund	336,541,876	100.0	100.0	0.0	-





Page 12

Asset Allocation Summary Total Fund Composite As of December 31, 2016

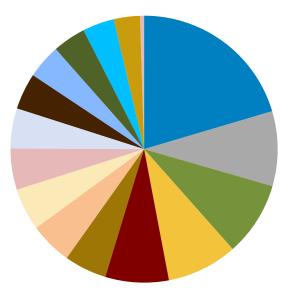


llocation			Allocation	llocation								
Segments	Market Value	Allocation	Segments	Market Value	Allocation							
Domestic Equity	167,036,602	51.4	Domestic Equity	180,405,956	53.6							
International Equity	43,654,915	13.4	International Equity	42,823,429	12.7							
Domestic Fixed Income	76,675,543	23.6	Domestic Fixed Income	64,023,267	19.0							
Real Estate	29,255,770	9.0	Real Estate	42,683,239	12.7							
Cash Equivalent	8,322,177	2.6	Cash Equivalent	6,605,985	2.0							

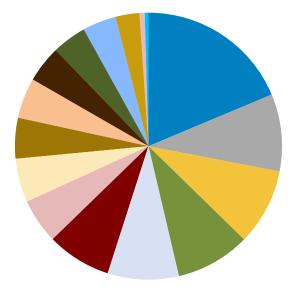


Asset Allocation Summary Total Fund Composite As of December 31, 2016

# Asset Allocation By Manager as of September 30, 2016 : \$324,945,007



Asset Allocation By Manager as of December 31, 2016 : \$336,541,876



ocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Garcia Hamilton Fixed Income	66,293,971	20.4	Garcia Hamilton Fixed Income	62,836,073	18.7
361 Capital (BRC Equity)	29,461,434	9.1	361 Capital (BRC Equity)	31,529,735	9.4
RhumbLine Equity	29,223,692	9.0	New Amsterdam Equity	31,226,672	9.3
New Amsterdam Equity	27,808,944	8.6	RhumbLine Equity	30,335,041	9.0
Garcia Hamilton Equity	24,918,232	7.7	Intercontinental	28,976,953	8.6
RhumbLine International Equity	16,712,005	5.1	Garcia Hamilton Equity	26,234,647	7.8
Vanguard Intl Equity (VTRIX)	16,668,877	5.1	Wellington	18,316,195	5.4
Eagle Equity	16,633,546	5.1	Eagle Equity	17,893,245	5.3
Wellington	16,247,426	5.0	RhumbLine International Equity	16,584,710	4.9
Intercontinental	15,796,000	4.9	Vanguard Intl Equity (VTRIX)	16,484,003	4.9
Anchor Equity	14,338,692	4.4	Anchor Equity	15,001,783	4.5
J.P. Morgan	13,459,770	4.1	RhumbLine S&P Mid Cap 400	14,008,255	4.2
RhumbLine S&P Mid Cap 400	13,042,829	4.0	J.P. Morgan	13,706,286	4.1
RhumbLine Fixed Income	12,457,371	3.8	Oppenheimer Int Equity	9,754,739	2.9
Oppenheimer Int Equity	10,274,056	3.2	R&D Cash	2,088,538	0.6
R&D Cash	1,608,162	0.5	RhumbLine Fixed Income	1,565,001	0.5



Asset Allocation & Performance																	
		ocation								Perfo	ormance	(%)					
	Market Value \$	%	Q.	ſR	FY	TD	1`	YR	3 `	ΥR	5	YR	Ince	ption	Y	ΓD	Inception Date
Total Fund Composite	336,541,876	100.0	3.21	• •	3.21		8.98	(11)	5.21	(22)		(25)	5.57	(18)	8.98		10/01/2007
Total Fund Policy Index			1.92	(8)	1.92	(8)	9.21	(9)	5.82	(8)		(10)		(10)	9.21	(9)	
All Public Plans-Total Fund Median			0.68		0.68		7.21		4.57		8.48		4.96		7.21		
Total Equity Composite	227,369,025	67.6	4.38		4.38		9.99		5.09		10.59		5.09		9.99		10/01/2007
Total Equity Policy Index			3.77		3.77		12.74		6.50		13.00		5.73		12.74		
Total Domestic Equity	184,545,573	54.8															
361 Capital (BRC Equity)	31,529,735	9.4	4.27	(76)	4.27	(76)	5.24	(97)	6.00	(84)	N/A		8.76	(84)	5.24	(97)	10/01/2013
Russell 1000 Value Index			6.68	(47)	6.68	(47)	17.34	(25)	8.59	(37)	14.80	(42)	11.11	(40)	17.34	(25)	
IM U.S. Large Cap Value Equity (SA+CF) Median			6.56		6.56		14.51		7.99		14.49		10.61		14.51		
RhumbLine Equity	30,335,041	9.0	3.80	(54)	3.80	(54)	11.92	(43)	N/A		N/A		7.91	(31)	11.92	(43)	07/01/2015
S&P 500 Index			3.82	(52)	3.82	(52)	11.96	(42)	8.87	(32)	14.66	(44)	7.93	(31)	11.96	(42)	
IM U.S. Large Cap Equity (SA+CF) Median			3.85		3.85		10.98		8.28		14.52		6.31		10.98		
RhumbLine S&P Mid Cap 400	14,008,255	4.2	7.40	(25)	7.40	(25)	N/A		N/A		N/A		7.96	(56)	N/A		07/01/2016
S&P MidCap 400 Index			7.42	(23)	7.42	(23)	20.74	(19)	9.04	(25)	15.33	(36)	11.87	(30)	20.74	(19)	
IM U.S. Mid Cap Equity (SA+CF) Median			3.90		3.90		12.12		7.13		14.69		8.75		12.12		
Garcia Hamilton Equity	26,234,647	7.8	0.76	(43)	0.76	(43)	7.32	(25)	6.45	(63)	11.83	(90)	6.20	(75)	7.32	(25)	10/01/2007
Russell 1000 Growth Index			1.01	(38)	1.01	(38)	7.08	(26)	8.55	(28)	14.50	(36)	7.64	(34)	7.08	(26)	
IM U.S. Large Cap Growth Equity (SA+CF) Median			0.18		0.18		4.60		7.21		13.93		7.12		4.60		
Anchor Equity	15,001,783	4.5	4.76	(83)	4.76	(83)	13.23	(84)	8.25	(58)	12.30	(95)	7.26	(79)	13.23	(84)	10/01/2007
Russell Midcap Value Index			5.52	(69)	5.52	(69)	20.00	(46)	9.45	(35)	15.70	(50)	7.68	(74)	20.00	(46)	
IM U.S. Mid Cap Value Equity (SA+CF) Median			6.60		6.60		18.36		8.71		15.66		8.34		18.36		
New Amsterdam Equity	31,226,672	9.3	12.42	(6)	12.42	(6)	16.64	(48)	N/A		N/A		13.07	(13)	16.64	(48)	10/01/2014
Russell 2500 Index			6.12	(48)	6.12	(48)	17.59	(38)	6.93	(51)	14.54	(50)	9.20	(47)	17.59	(38)	
IM U.S. SMID Cap Equity (SA+CF) Median			5.83		5.83		16.43		7.02		14.53		8.90		16.43		
Eagle Equity	17,893,245	5.3	3.29	(49)	3.29	(49)	9.81	(59)	5.81	(41)	13.72	(53)	9.14	(69)	9.81	(59)	07/01/2011
Russell 2000 Growth Index			3.57	(43)	3.57	(43)	11.32	(50)	5.05	(46)	13.74	(52)	10.15	(54)	11.32	(50)	
IM U.S. Small Cap Growth Equity (SA+CF) Median			3.19		3.19		11.20		4.65		13.87		10.36		11.20		
Wellington	18,316,195	5.4	12.96	(43)	12.96	(43)	N/A		N/A		N/A		19.08	(83)	N/A		04/01/2016
Russell 2000 Value Index	·		14.07	(27)	14.07	(27)	31.74	(16)	8.31	(56)	15.07	(69)	29.54	(11)	31.74	(16)	
IM U.S. Small Cap Value Equity (SA+CF) Median			12.19		12.19		26.14		8.76		15.95		23.47		26.14		



Asset Allocation & Performance

Total Fund Composite (Gross)

As of December 31, 2016

	Allo	cation								Perfo	rmance	(%)					
	Market Value \$	%	QT	R	FY	TD	1	YR	3 `	YR	5	YR	Ince	ption	Y	ГD	Inception Date
Total International Equity	42,823,452	12.7															
Vanguard Intl Equity (VTRIX) MSCI EAFE Value IM International Large Cap Value Equity (MF) Media	16,484,003 n	4.9		(94) (1)	-1.11 4.22 0.32	• •	4.61 5.68 1.77	• •	-2.99 -1.62 -3.54	(38) (15)	N/A 6.87 5.27	(4)	2.55 3.84 1.98	• •	4.61 5.68 1.77	(4) (3)	07/01/2013
Oppenheimer Int Equity MSCI Emerging Markets Index IM Emerging Markets Equity (SA+CF) Median	9,754,739	2.9		(60) (44)	-5.05 -4.08 -4.37	(60) (44)	8.00 11.60 10.07	· · /	-3.26 -2.19 -1.39	(85) (68)	N/A 1.65 3.30	(82)	-0.20 -2.21 -0.83	• •	8.00 11.60 10.07	(66) (39)	01/01/2013
RhumbLine International Equity MSCI EAFE Index IM International Equity (SA+CF) Median	16,584,710	4.9		(29) (28)	-0.76 -0.68 -2.90		9.25 1.51 3.74	(23) (65)	N/A -1.15 -0.39	(60)	N/A 7.02 7.20	(54)	9.25 9.41 11.01	• •	9.25 1.51 3.74	(23) (65)	02/01/2016
Total Fixed Income Composite	64,401,074	19.1	-1.52		-1.52		2.96		3.27		3.93		4.79		2.96		10/01/2007
Fixed Income Index			-2.05		-2.05		1.97		2.43		1.95		3.92		1.97		
Garcia Hamilton Fixed Income Fixed Income Index IM U.S. Intermediate Duration (SA+CF) Median	62,836,073	18.7		(20) (79)	-1.40 -2.05 -1.84	• •	3.13 1.97 2.39	· · /	3.33 2.43 2.46	(12) (54)	3.96 1.95 2.30	• •	5.32 3.92 4.20		3.13 1.97 2.39	(24) (77)	10/01/2007
RhumbLine Fixed Income Bloomberg Barclays U.S. Aggregate Index IM U.S. Broad Market Fixed Income (SA+CF) Media	1,565,001 n	0.5		(89) (83)	-3.03 -2.98 -2.64	• •	N/A 2.65 3.73	(87)	N/A 3.03 3.45	(86)	N/A 2.23 3.19	(95)	-3.25 -2.53 -1.80	(100) (88)	N/A 2.65 3.73	(87)	07/01/2016
Total Real Estate	42,683,239	12.7															
Intercontinental Real Estate Policy IM U.S. Private Real Estate (SA+CF) Median	28,976,953	8.6		(1) (74)	5.63 1.73 2.30	• •	12.88 7.97 9.47	• •	13.60 11.02 12.77	(41) (90)	14.73 10.92 13.01	• •	14.38 11.96 14.47		12.88 7.97 9.47	(27) (87)	07/01/2010
J.P. Morgan Real Estate Policy	13,706,286	4.1		(61) (74)	2.23 1.73	• •	10.49 7.97	(41) (87)	N/A N/A		N/A N/A		15.60 10.86	• •	10.49 7.97	(41) (87)	07/01/2014

2.30

9.47

12.77

13.01

13.26

9.47

2.30

IM U.S. Private Real Estate (SA+CF) Median

R&D Cash 2,088,538 0.6

As of December 31, 2016

Asset Allocation & Performance										
	Alle	ocation				Per	formance(%)			
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	YTD	Inception Date
Total Fund Composite	336,541,876	100.0	3.01	3.01	8.41	4.67	8.71	5.17	8.41	10/01/2007
Total Fund Policy Index			1.92	1.92	9.21	5.82	9.78	5.81	9.21	
Total Equity Composite	227,369,025	67.6	4.28	4.28	9.56	4.55	10.00	4.64	9.56	10/01/2007
Total Equity Policy Index			3.77	3.77	12.74	6.50	13.00	5.73	12.74	
Total Domestic Equity	184,545,573	54.8								
61 Capital (BRC Equity)	31,529,735	9.4	4.13	4.13	4.72	5.47	N/A	8.25	4.72	10/01/2013
Russell 1000 Value Index			6.68	6.68	17.34	8.59	14.80	11.11	17.34	
RhumbLine Equity	30,335,041	9.0	3.79	3.79	11.90	N/A	N/A	7.90	11.90	07/01/2015
S&P 500 Index			3.82	3.82	11.96	8.87	14.66	7.93	11.96	
RhumbLine S&P Mid Cap 400	14,008,255	4.2	7.39	7.39	N/A	N/A	N/A	7.95	N/A	07/01/2016
S&P MidCap 400 Index			7.42	7.42	20.74	9.04	15.33	11.87	20.74	
Garcia Hamilton Equity	26,234,647	7.8	0.63	0.63	6.68	5.97	11.30	5.76	6.68	10/01/2007
Russell 1000 Growth Index			1.01	1.01	7.08	8.55	14.50	7.64	7.08	
Anchor Equity	15,001,783	4.5	4.64	4.64	12.69	7.65	11.72	6.79	12.69	10/01/2007
Russell Midcap Value Index			5.52	5.52	20.00	9.45	15.70	7.68	20.00	
New Amsterdam Equity	31,226,672	9.3	12.30	12.30	16.14	N/A	N/A	12.61	16.14	10/01/2014
Russell 2500 Index			6.12	6.12	17.59	6.93	14.54	9.20	17.59	
Eagle Equity	17,893,245	5.3	3.09	3.09	8.98	5.01	12.82	8.35	8.98	07/01/2011
Russell 2000 Growth Index			3.57	3.57	11.32	5.05	13.74	10.15	11.32	
Vellington	18,316,195	5.4	12.72	12.72	N/A	N/A	N/A	18.56	N/A	04/01/2016
Russell 2000 Value Index			14.07	14.07	31.74	8.31	15.07	29.54	31.74	
Fotal International Equity	42,823,452	12.7								
/anguard Intl Equity (VTRIX)	16,484,003	4.9	-1.11	-1.11	4.61	-2.99	N/A	2.55	4.61	07/01/2013
MSCI EAFE Value			4.22	4.22	5.68	-1.62	6.87	3.84	5.68	
Oppenheimer Int Equity	9,754,739	2.9	-5.26	-5.26	7.54	-4.03	N/A	-0.90	7.54	01/01/2013
MSCI Emerging Markets Index			-4.08	-4.08	11.60	-2.19	1.65	-2.21	11.60	



Asset Allocation & Performance

Total Fund Composite (Net)

As of December 31, 2016

	Allo	cation		Performance(%)										
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	YTD	Inceptio Date				
RhumbLine International Equity MSCI EAFE Index	16,584,710	4.9	-0.77 -0.68	-0.77 -0.68	9.23 1.51	N/A -1.15	N/A 7.02	9.23 9.41	9.23 1.51	02/01/2016				
Total Fixed Income Composite	64,401,074	19.1	-1.56	-1.56	2.77	3.07	3.73	4.62	2.77	10/01/2007				
Fixed Income Index			-2.05	-2.05	1.97	2.43	1.95	3.92	1.97					
Garcia Hamilton Fixed Income	62,836,073	18.7	-1.45	-1.45	2.93	3.13	3.76	5.14	2.93	10/01/2007				
Fixed Income Index			-2.05	-2.05	1.97	2.43	1.95	3.92	1.97					
RhumbLine Fixed Income	1,565,001	0.5	-3.11	-3.11	N/A	N/A	N/A	-3.33	N/A	07/01/2016				
Bloomberg Barclays U.S. Aggregate I	ndex		-2.98	-2.98	2.65	3.03	2.23	-2.53	2.65					
Total Real Estate	42,683,239	12.7												
Intercontinental	28,976,953	8.6	4.34	4.34	10.65	11.44	12.94	13.01	10.65	07/01/2010				
Real Estate Policy			1.73	1.73	7.97	11.02	10.92	11.96	7.97					
J.P. Morgan	13,706,286	4.1	1.83	1.83	8.77	N/A	N/A	14.17	8.77	07/01/2014				
Real Estate Policy			1.73	1.73	7.97	N/A	N/A	10.86	7.97					
R&D Cash	2,088,538	0.6												



Asset Allocation & Performance												
	Allo	cation					Perform	ance(%)				
	Market Value \$	%	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	То	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
Total Fund Composite	336,541,876	100.0	8.77 (74)	0.69 (21)	9.53 (64)	13.75 (29)	18.42 (37)	0.22 (50)	10.94 (26)	2.33 (42)	-12.97 (51)	N/A
Total Fund Policy Index			10.75 (17)		10.14 (51)		19.53 (18)	1.38 (25)	10.58 (33)		-13.64 (59)	N/A
All Public Plans-Total Fund Median			9.67	-0.53	10.15	12.51	17.93	0.22	9.93	1.57	-12.96	14.09
Total Equity Composite	227,369,025	67.6	9.85	-1.34	10.82	18.19	22.91	-0.26	13.84	-2.87	-21.15	N/A
Total Equity Policy Index			14.06	-2.21	13.29	22.52	27.50	-0.83	11.21	-4.75	-22.19	N/A
Total Domestic Equity	184,545,573	54.8										
361 Capital (BRC Equity)	31,529,735	9.4	4.57 (96)	0.14 (18)	20.33 (27)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Value Index			16.19 (25)	-4.42 (65)	18.89 (42)	22.30 (61)	30.92 (27)	-1.89 (61)	8.90 (55)	-10.62 (84)	-23.56 (73)	14.45 (68)
IM U.S. Large Cap Value Equity (SA+CF) Median			13.12	-3.29	18.40	23.81	28.40	-0.99	9.29	-5.92	-20.60	16.12
RhumbLine Equity	30,335,041	9.0	15.40 (25)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S&P 500 Index			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)
IM U.S. Large Cap Equity (SA+CF) Median			13.21	-0.37	18.80	21.12	29.18	0.74	10.11	-5.51	-20.84	17.08
RhumbLine S&P Mid Cap 400	14,008,255	4.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S&P MidCap 400 Index			15.33 (27)	1.40 (53)	11.82 (67)	27.68 (56)	28.54 (41)	-1.28 (58)	17.78 (41)	-3.11 (55)	-16.68 (21)	18.76 (59)
IM U.S. Mid Cap Equity (SA+CF) Median			11.35	1.47	13.49	28.01	27.30	-0.70	16.72	-2.72	-20.82	20.68
Garcia Hamilton Equity	26,234,647	7.8	11.91 (49)	1.41 (72)	17.12 (61)	12.80 (99)	27.13 (56)	2.94 (37)	11.51 (48)	-5.16 (66)	-16.58 (25)	N/A
Russell 1000 Growth Index			13.76 (22)	3.17 (56)	19.15 (39)		29.19 (38)	3.78 (30)			-20.88 (54)	19.35 (57)
IM U.S. Large Cap Growth Equity (SA+CF) Median			11.78	3.62	18.13	20.27	27.63	1.38	11.30	-3.01	-20.28	20.19
Anchor Equity	15,001,783	4.5	12.76 (65)	4.71 (6)	9.97 (92)	16.82 (100)	21.94 (95)	-1.20 (48)	16.15 (42)	-0.66 (35)	-13.46 (12)	N/A
Russell Midcap Value Index			17.26 (25)	-2.07 (56)	17.46 (26)	27.77 (62)	29.28 (50)	-2.36 (57)	16.93 (28)	-7.12 (89)	-20.50 (54)	13.75 (74)
IM U.S. Mid Cap Value Equity (SA+CF) Median			14.02	-1.88	15.70	28.85	29.18	-1.50	15.43	-2.86	-20.19	16.01
Oak Ridge Equity	-	0.0	N/A	3.41 (44)	7.64 (84)	25.96 (64)	22.03 (76)	N/A	N/A	N/A	N/A	N/A
Russell Midcap Growth Index			11.24 (27)	1.45 (69)	14.43 (27)	27.54 (48)	26.69 (42)	0.80 (53)	18.27 (51)	-0.40 (44)	-24.65 (63)	21.22 (76)
IM U.S. Mid Cap Growth Equity (SA+CF) Median			8.22	2.98	11.43	27.31	26.18	1.20	18.31	-1.59	-22.68	25.94
New Amsterdam Equity	31,226,672	9.3	8.71 (75)	7.88 (9)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2500 Index			14.44 (37)	0.38 (57)	8.97 (60)		30.93 (38)	-2.22 (64)	15.92 (56)	-5.68 (68)	-17.99 (39)	15.17 (73)
IM U.S. SMID Cap Equity (SA+CF) Median			12.78	0.95	10.09	29.97	29.01	-0.90	16.27	-2.97	-19.39	20.13
Eagle Equity	17,893,245	5.3	12.20 (45)	4.68 (44)	2.33 (63)	33.00 (58)	28.41 (66)	N/A	N/A	N/A	N/A	N/A
Russell 2000 Growth Index			12.12 (45)	4.04 (50)	3.79 (53)	33.07 (57)	31.18 (49)	-1.12 (66)	14.79 (55)	-6.32 (62)	-17.07 (16)	18.94 (72)
IM U.S. Small Cap Growth Equity (SA+CF) Median			11.39	3.78	4.18	33.85	30.84	0.99	15.44	-3.95	-22.67	23.87



Asset Allocation & Performance Total Fund Composite (Gross)

	Allo	cation					Perforn	nance(%)				
	Market Value \$	%	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
Wellington Russell 2000 Value Index IM U.S. Small Cap Value Equity (SA+CF) Median	18,316,195	5.4	N/A 18.81 (25) 15.70	N/A -1.60 (66) 0.69	N/A 4.13 (80) 7.00	N/A 27.04 (83) 30.97	N/A 32.63 (40) 31.07	N/A -5.99 (73) -2.98	N/A 11.84 (76) 14.99	N/A -12.61 (86) -4.31	N/A -12.25 (29) -15.49	N/A 6.09 (88) 13.34
Total International Equity	42,823,452	12.7										
Vanguard Intl Equity (VTRIX) MSCI EAFE Value IM International Large Cap Value Equity (MF) Median	16,484,003	4.9	( )	-13.91 (98) -12.18 (95) -9.98	5.83 (23) 6.18 (17) 3.56	N/A 24.91 (1) 22.21	N/A 13.34 (57) 13.74	N/A -9.46 (16) -11.46	N/A -1.15 (78) 0.33	N/A 8.06 (5) -1.56	N/A -32.11 (55) -31.40	N/A 22.54 (74) 24.46
Oppenheimer Int Equity MSCI Emerging Markets Index IM Emerging Markets Equity (SA+CF) Median	9,754,739	2.9	( )	-22.23 (89) -18.98 (67) -17.40	6.91 (45) 4.66 (69) 6.48	N/A 1.33 (75) 4.39	N/A 17.34 (57) 18.02	N/A -15.89 (56) -15.00	N/A 20.54 (59) 22.20	N/A 19.44 (50) 19.16	N/A -33.01 (51) -32.97	N/A 58.63 (55) 59.56
RhumbLine International Equity MSCI EAFE Index IM International Equity (SA+CF) Median	16,584,710	4.9	N/A 7.06 (76) 11.47	N/A -8.27 (51) -8.16	N/A 4.70 (63) 5.79	N/A 24.29 (33) 20.31	N/A 14.33 (71) 17.28	N/A -8.94 (44) -9.60	N/A 3.71 (80) 9.69	N/A 3.80 (65) 7.04	N/A -30.13 (48) -30.34	N/A 25.38 (67) 29.60
Total Fixed Income Composite	64,401,074	19.1	3.79	3.98	4.78	1.03	9.04	2.41	7.99	10.50	2.82	N/A
Fixed Income Index			3.57	2.95	2.74	-0.71	4.31	3.59	8.16	10.56	3.65	N/A
Garcia Hamilton Fixed Income Fixed Income Index IM U.S. Intermediate Duration (SA+CF) Median	62,836,073	18.7	3.84 (59) 3.57 (72) 3.90	3.98 (5) 2.95 (30) 2.70	4.78 (9) 2.74 (57) 2.87	1.03 (7) -0.71 (77) -0.27	9.04 (7) 4.31 (83) 5.56	2.61 (85) 3.59 (52) 3.60	8.23 (51) 8.16 (54) 8.25	13.95 (16) 10.56 (70) 11.50	3.89 (39) 3.65 (43) 3.26	N/A N/A 5.49
RhumbLine Fixed Income Bloomberg Barclays U.S. Aggregate Index IM U.S. Broad Market Fixed Income (SA+CF) Median	1,565,001	0.5	N/A 5.19 (85) 6.00	N/A 2.94 (42) 2.79	N/A 3.96 (86) 4.93	N/A -1.68 (85) -0.85	N/A 5.16 (94) 7.48	N/A 5.26 (46) 5.18	N/A 8.16 (92) 9.90	N/A 10.56 (85) 12.85	N/A 3.65 (25) 1.51	N/A 5.14 (58) 5.23
Total Real Estate	42,683,239	12.7										

	, ,												
Intercontinental	28,976,953	8.6	12.98 (35)	14.12 (71)	15.12 (31)	14.53 (48)	14.24 (43)	19.17 (38)	N/A	N/A	N/A	N/A	
Real Estate Policy			9.22 (93)	13.48 (77)	11.26 (91)	11.00 (83)	11.00 (75)	16.10 (71)	N/A	N/A	N/A	N/A	
IM U.S. Private Real Estate (SA+CF) Median			11.49	16.30	13.17	13.35	13.03	16.62	5.80	-34.32	4.88	18.73	
J.P. Morgan	13,706,286	4.1	12.10 (41)	20.93 (18)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Real Estate Policy			9.22 (93)	13.48 (77)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
IM U.S. Private Real Estate (SA+CF) Median			11.49	16.30	13.17	13.35	13.03	16.62	5.80	-34.32	4.88	18.73	

R&D Cash

2,088,538 0.6



Asset Allocation & Performance												
	Allo	ocation					Perform	nance(%)				
	Market Value \$	%	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
Total Fund Composite	336,541,876	100.0	8.22	0.21	8.99	13.26	17.90	-0.17	10.59	2.07	-12.97	N/A
Total Fund Policy Index			10.75	0.71	10.14	14.75	19.53	1.38	10.58	1.45	-13.64	N/A
Total Equity Composite	227,369,025	67.6	9.29	-1.87	10.14	17.61	22.25	-0.74	13.42	-3.23	-21.15	N/A
Total Equity Policy Index			14.06	-2.21	13.29	22.52	27.50	-0.83	11.21	-4.75	-22.19	N/A
Total Domestic Equity	184,545,573	54.8										
361 Capital (BRC Equity)	31,529,735	9.4	4.06	-0.35	19.81	N/A						
Russell 1000 Value Index			16.19	-4.42	18.89	22.30	30.92	-1.89	8.90	-10.62	-23.56	14.45
RhumbLine Equity	30,335,041	9.0	15.39	N/A								
S&P 500 Index			15.43	-0.61	19.73	19.34	30.20	1.14	10.16	-6.91	-21.98	16.44
RhumbLine S&P Mid Cap 400	14,008,255	4.2	N/A									
S&P MidCap 400 Index			15.33	1.40	11.82	27.68	28.54	-1.28	17.78	-3.11	-16.68	18.76
Garcia Hamilton Equity	26,234,647	7.8	11.27	1.16	16.51	12.25	26.52	2.43	10.96	-5.51	-16.58	N/A
Russell 1000 Growth Index			13.76	3.17	19.15	19.27	29.19	3.78	12.65	-1.85	-20.88	19.35
Anchor Equity	15,001,783	4.5	12.21	4.07	9.33	16.27	21.37	-1.66	15.62	-1.04	-13.46	N/A
Russell Midcap Value Index			17.26	-2.07	17.46	27.77	29.28	-2.36	16.93	-7.12	-20.50	13.75
Oak Ridge Equity	-	0.0	N/A	2.81	6.99	25.22	21.33	N/A	N/A	N/A	N/A	N/A
Russell Midcap Growth Index			11.24	1.45	14.43	27.54	26.69	0.80	18.27	-0.40	-24.65	21.22
New Amsterdam Equity	31,226,672	9.3	8.25	7.46	N/A							
Russell 2500 Index			14.44	0.38	8.97	29.79	30.93	-2.22	15.92	-5.68	-17.99	15.17
Eagle Equity	17,893,245	5.3	11.38	3.90	1.53	32.03	27.38	N/A	N/A	N/A	N/A	N/A
Russell 2000 Growth Index			12.12	4.04	3.79	33.07	31.18	-1.12	14.79	-6.32	-17.07	18.94
Wellington	18,316,195	5.4	N/A									
Russell 2000 Value Index			18.81	-1.60	4.13	27.04	32.63	-5.99	11.84	-12.61	-12.25	6.09
Total International Equity	42,823,452	12.7										
Vanguard Intl Equity (VTRIX)	16,484,003	4.9	8.41	-13.91	5.83	N/A						
MSCI EAFE Value			4.16	-12.18	6.18	24.91	13.34	-9.46	-1.15	8.06	-32.11	22.54



# Asset Allocation & Performance

Total Fund Composite (Net)

As of December 31, 2016

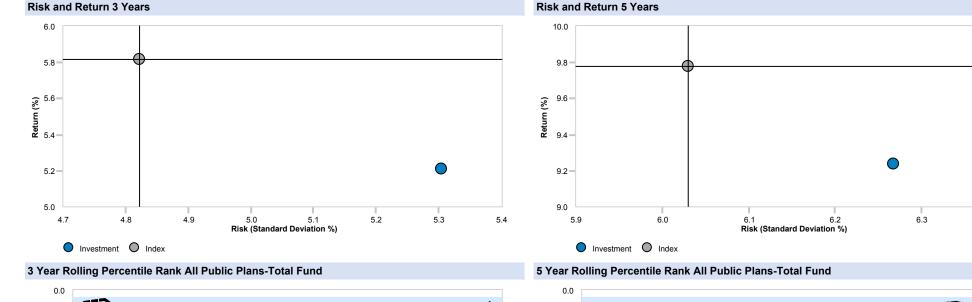
	Allo	cation					Perform	nance(%)				
	Market Value \$	%	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012	Oct-2010 To Sep-2011	Oct-2009 To Sep-2010	Oct-2008 To Sep-2009	Oct-2007 To Sep-2008	Oct-2006 To Sep-2007
Oppenheimer Int Equity	9,754,739	2.9	18.73	-22.95	5.83	N/A						
MSCI Emerging Markets Index			17.21	-18.98	4.66	1.33	17.34	-15.89	20.54	19.44	-33.01	58.63
RhumbLine International Equity	16,584,710	4.9	N/A									
MSCI EAFE Index			7.06	-8.27	4.70	24.29	14.33	-8.94	3.71	3.80	-30.13	25.38
Total Fixed Income Composite	64,401,074	19.1	3.60	3.78	4.57	0.83	8.83	2.21	7.83	10.35	2.82	N/A
Fixed Income Index			3.57	2.95	2.74	-0.71	4.31	3.59	8.16	10.56	3.65	N/A
Garcia Hamilton Fixed Income	62,836,073	18.7	3.64	3.78	4.57	0.83	8.83	2.39	8.01	13.79	3.89	N/A
Fixed Income Index			3.57	2.95	2.74	-0.71	4.31	3.59	8.16	10.56	3.65	N/A
RhumbLine Fixed Income	1,565,001	0.5	N/A									
Bloomberg Barclays U.S. Aggregate Ind	ex		5.19	2.94	3.96	-1.68	5.16	5.26	8.16	10.56	3.65	5.14
Total Real Estate	42,683,239	12.7										
Intercontinental	28,976,953	8.6	10.71	12.18	12.68	13.98	13.96	19.17	N/A	N/A	N/A	N/A
Real Estate Policy			9.22	13.48	11.26	11.00	11.00	16.10	N/A	N/A	N/A	N/A
J.P. Morgan	13,706,286	4.1	10.36	19.53	N/A							
Real Estate Policy			9.22	13.48	N/A							

R&D Cash 2,088,538

0.6



Historical Statistic	s 3 Years							Historical Statis	atics 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	5.21	5.30	0.97	97.84	10.00	118.97	2.00	Investment	9.24	6.27	1.44	97.18	17.00	110.62	3.00
Index	5.82	4.82	1.18	100.00	10.00	100.00	2.00	Index	9.78	6.03	1.58	100.00	17.00	100.00	3.00





3/13 9/13 9/14 3/15 9/15 3/16 12/16 3/13 9/13 3/15 9/15 3/16 12/16 3/12 9/12 3/14 3/12 9/12 3/14 9/14 5-25 25-Median Median-75 75-95 5-25 25-Median Median-75 75-95 Total Period **Total Period** Count Count Count Count Count Count Count Count 1 (5%) 2 (10%) Investment 20 17 (85%) 0 (0%) Investment 18 3 (17%) 15 (83%) 0 (0%) 0 (0%) 20 20 (100%) 0 (0%) 0 (0%) 0 (0%) 18 16 (89%) 2 (11%) 0 (0%) 0 (0%) \_\_ Index \_\_ Index

100.0



6.4

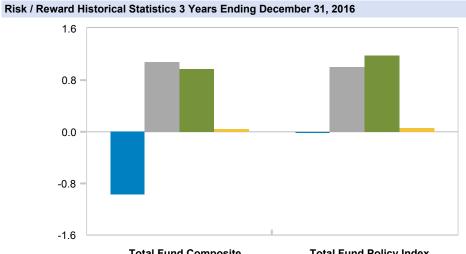
Return Percentile Rank

100.0



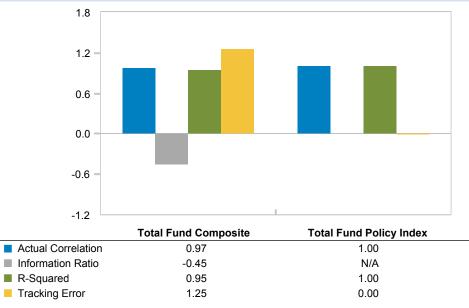


# Portfolio Comparison Total Fund As of December 31, 2016



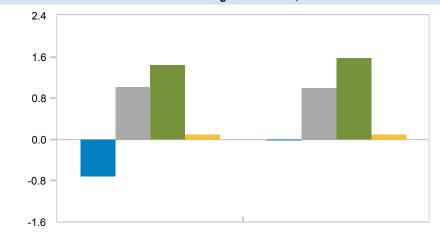
	Total Fund Composite	Total Fund Policy Index
Alpha	-0.97	0.00
Beta	1.07	1.00
Sharpe Ratio	0.97	1.18
Treynor Ratio	0.05	0.06

#### Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016



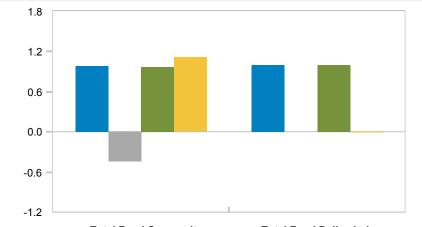
Benchmark: Total Fund Policy Index

Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



	Total Fund Composite	Total Fund Policy Index
Alpha	-0.71	0.00
Beta	1.02	1.00
Sharpe Ratio	1.44	1.58
Treynor Ratio	0.09	0.10

#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016

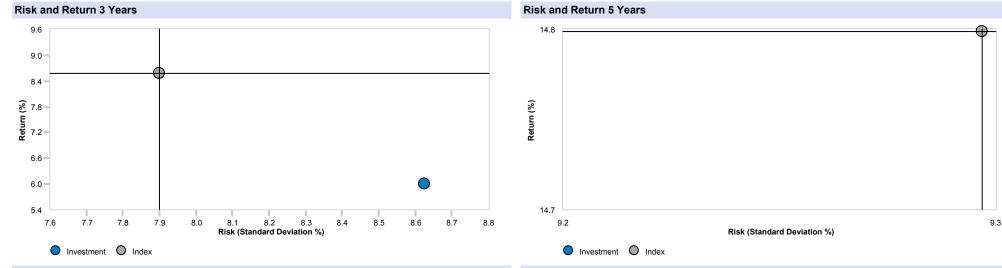


	Total Fund Composite	Total Fund Policy Index
Actual Correlation	0.98	1.00
Information Ratio	-0.44	N/A
R-Squared	0.97	1.00
Tracking Error	1.12	0.00

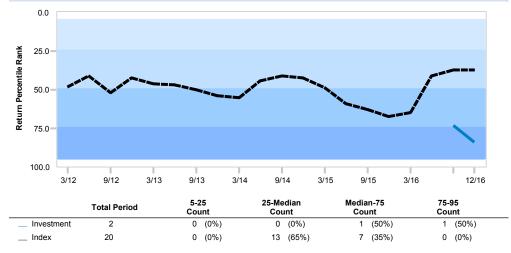


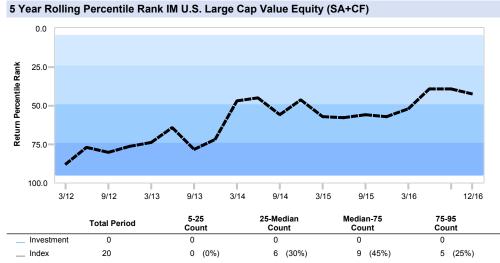
# Strategy Review 361 Capital (BRC Equity) | Russell 1000 Value Index As of December 31, 2016

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	6.00	8.62	0.71	61.49	8.00	31.26	4.00	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	8.59	7.90	1.08	100.00	9.00	100.00	3.00	Index	14.80	9.30	1.55	100.00	16.00	100.00	4.00



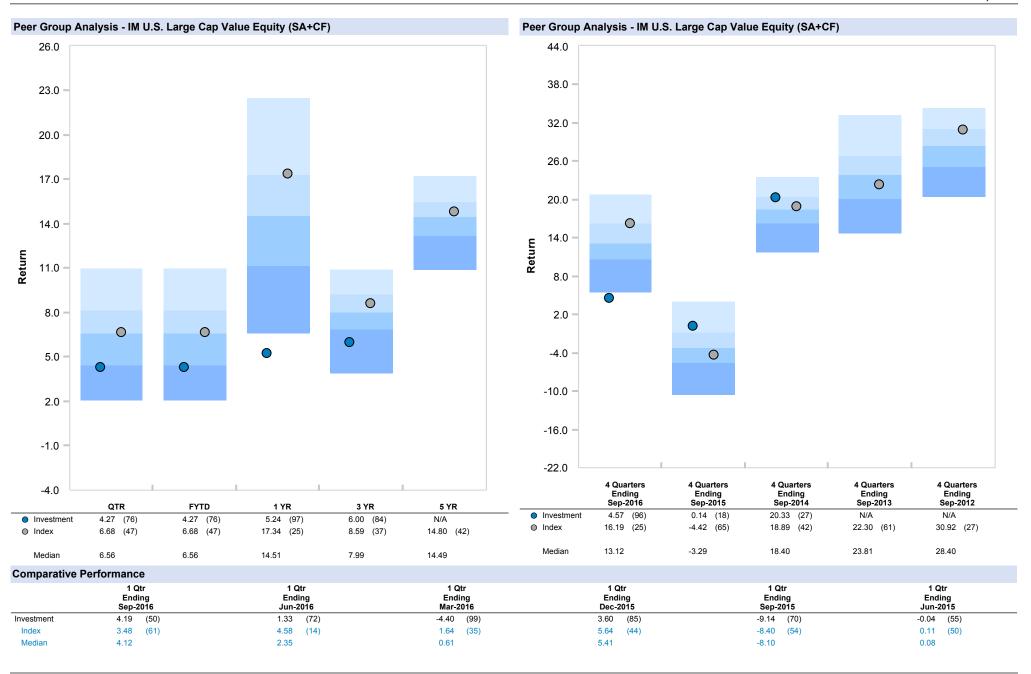






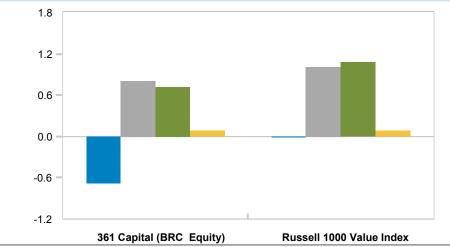
# Page 26

# Strategy Review 361 Capital (BRC Equity) | Russell 1000 Value Index As of December 31, 2016





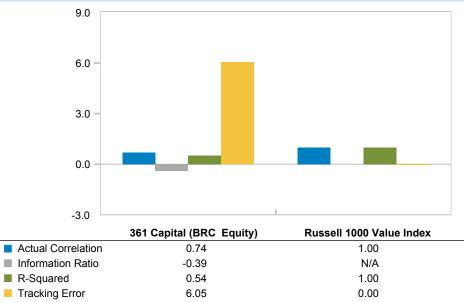
# Portfolio Comparison BRC As of December 31, 2016



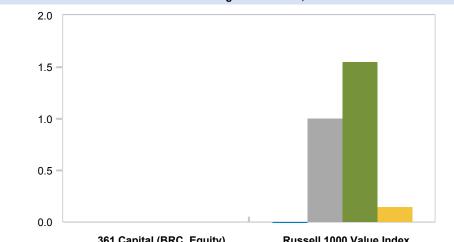
	361 Capital (BRC Equily)	Russell 1000 value index	
Alpha	-0.68	0.00	
Beta	0.80	1.00	
Sharpe Ratio	0.71	1.08	
Treynor Ratio	0.08	0.09	

#### Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016

Risk / Reward Historical Statistics 3 Years Ending December 31, 2016

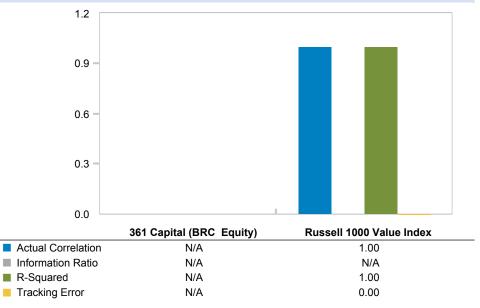


#### Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



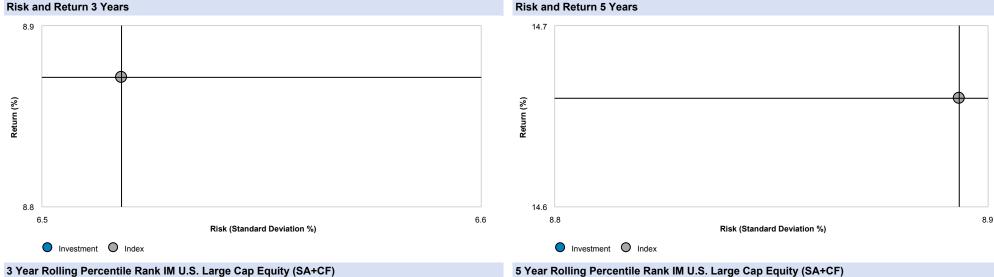
	361 Capital (BRC Equity)	Russell 1000 Value Index	
Alpha	N/A	0.00	
Beta	N/A	1.00	
Sharpe Ratio	N/A	1.55	
Treynor Ratio	N/A	0.14	

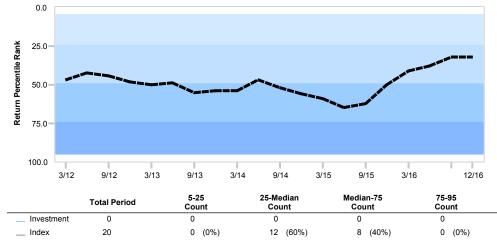
#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016



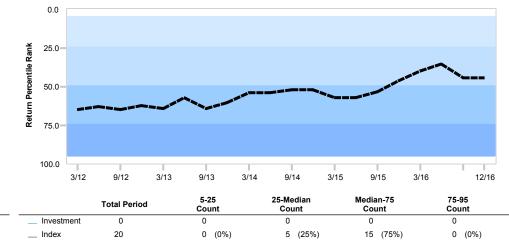
Benchmark: Russell 1000 Value Index

Historical Statistics	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	8.87	6.52	1.33	100.00	11.00	100.00	1.00	Index	14.66	8.89	1.60	100.00	17.00	100.00	3.00



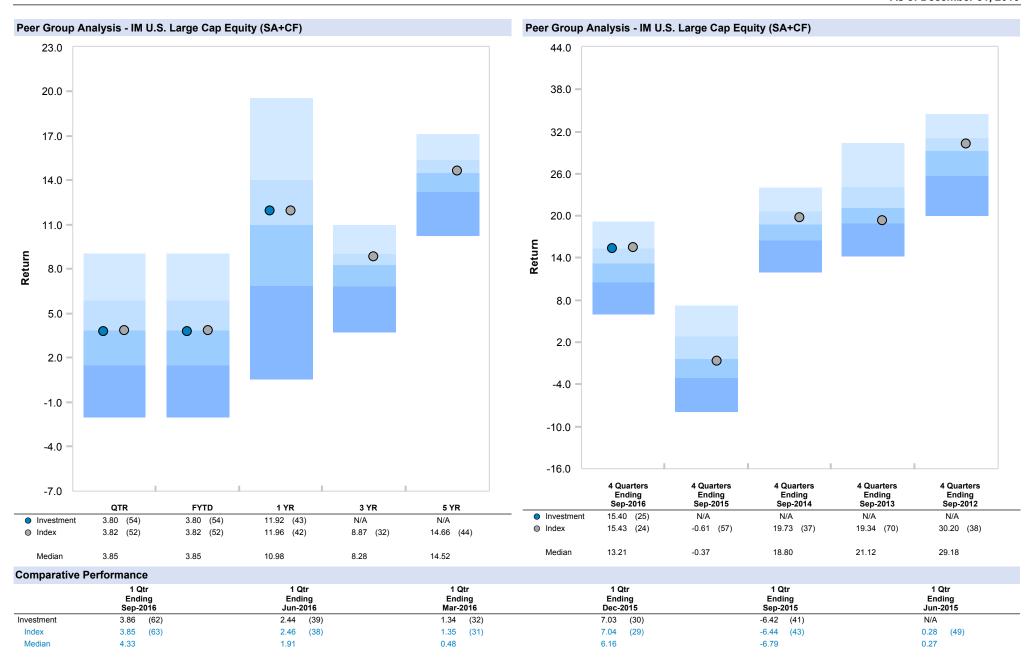


5 Year Rolling Percentile Rank IM U.S. Large Cap Equity (SA+CF)



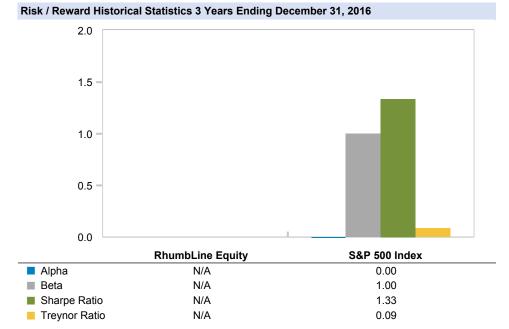


# Strategy Review RhumbLine Equity | S&P 500 Index As of December 31, 2016

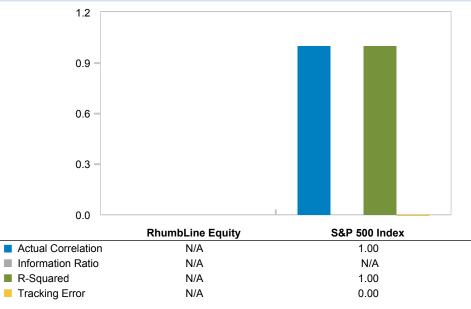




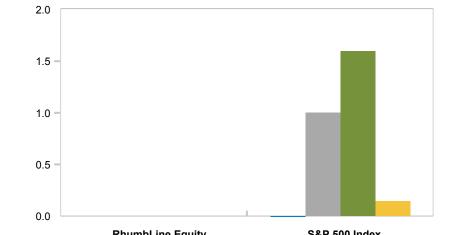
# Portfolio Comparison RhumbLine As of December 31, 2016





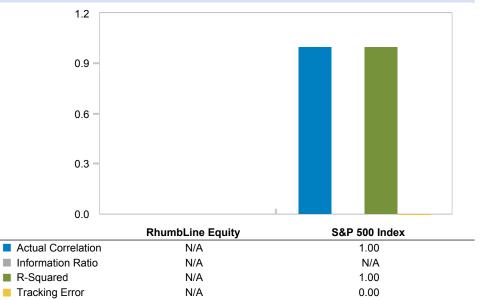


Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



	RhumbLine Equity	S&P 500 Index
Alpha	N/A	0.00
Beta	N/A	1.00
Sharpe Ratio	N/A	1.60
Treynor Ratio	N/A	0.14

#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016

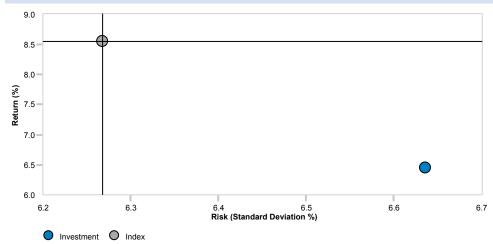


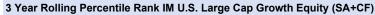
Benchmark: S&P 500 Index

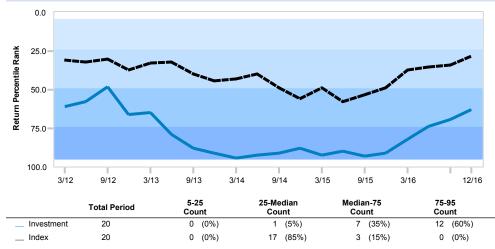
# Strategy Review Garcia Hamilton Equity | Russell 1000 Growth Index As of December 31, 2016

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	6.45	6.64	0.97	87.07	10.00	136.10	2.00	Investment	11.83	10.16	1.16	91.08	16.00	143.24	4.00
Index	8.55	6.27	1.33	100.00	11.00	100.00	1.00	Index	14.50	9.60	1.47	100.00	17.00	100.00	3.00

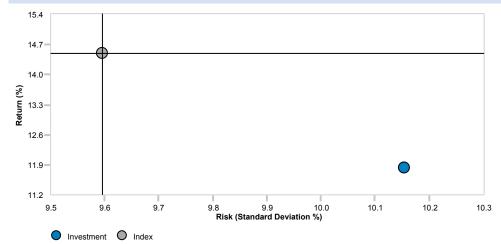
**Risk and Return 3 Years** 

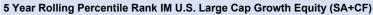


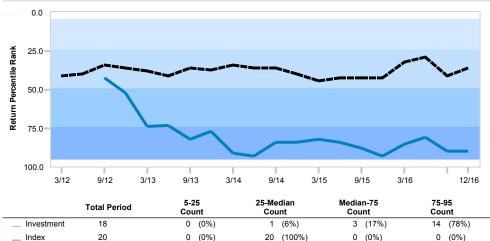




Risk and Return 5 Years

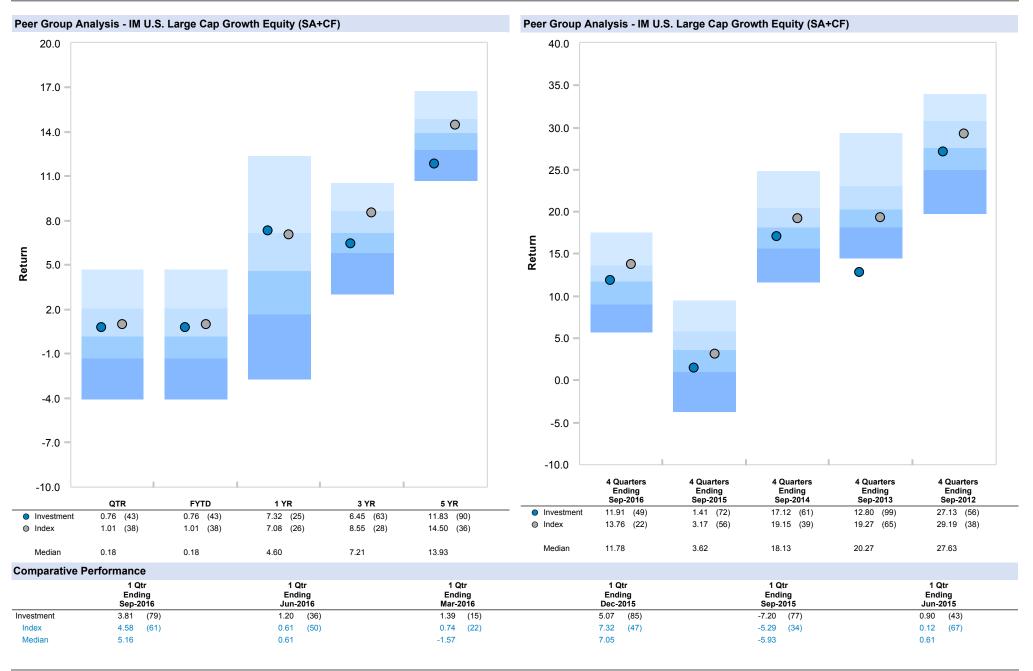






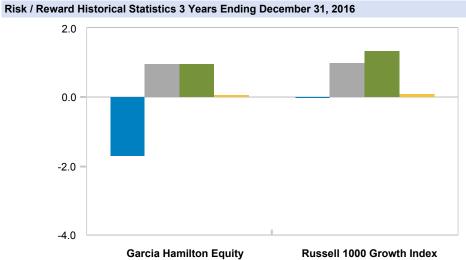


# Strategy Review Garcia Hamilton Equity | Russell 1000 Growth Index As of December 31, 2016



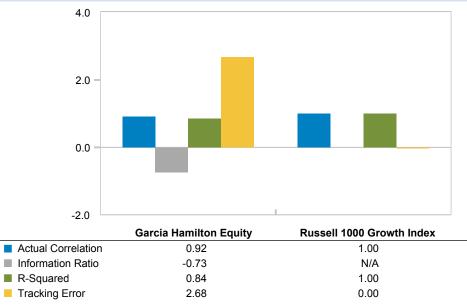


# Portfolio Comparison GHA Equity As of December 31, 2016



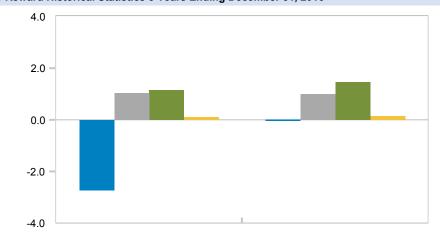
	Garcia Hamilton Equity	Russell 1000 Growth Index
Alpha	-1.69	0.00
Beta	0.97	1.00
Sharpe Ratio	0.97	1.33
Treynor Ratio	0.07	0.08

#### Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016



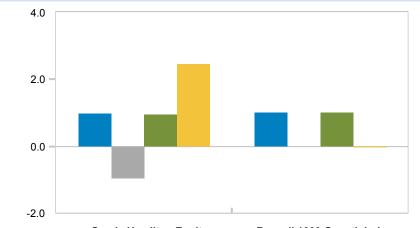
Benchmark: Russell 1000 Growth Index

#### Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



	Garcia Hamilton Equity	Russell 1000 Growth Index
Alpha	-2.74	0.00
Beta	1.03	1.00
Sharpe Ratio	1.16	1.47
Treynor Ratio	0.11	0.14

#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016

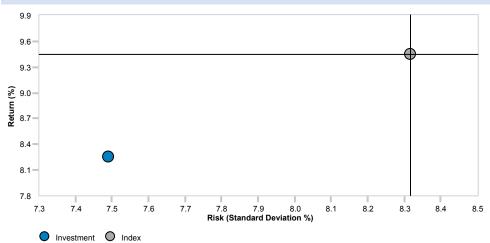


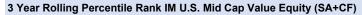
	Garcia Hamilton Equity	Russell 1000 Growth Index
Actual Correlation	0.97	1.00
Information Ratio	-0.97	N/A
R-Squared	0.94	1.00
Tracking Error	2.44	0.00

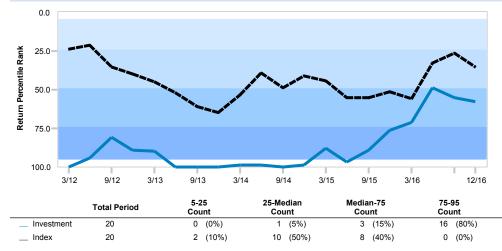


Historical Statistics 3 Years									stics 5 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters						
Investment	8.25	7.49	1.09	85.56	9.00	81.45	3.00	Investment	12.30	8.12	1.48	76.29	16.00	63.88	4.00						
Index	9.45	8.32	1.13	100.00	9.00	100.00	3.00	Index	15.70	9.84	1.55	100.00	16.00	100.00	4.00						

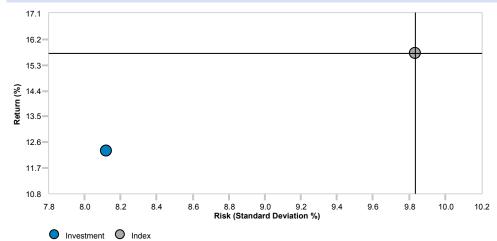




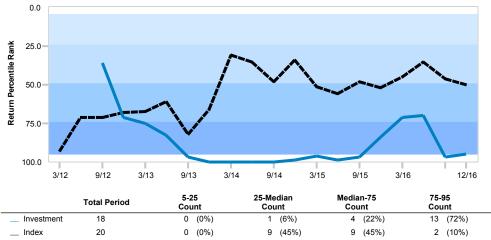




Risk and Return 5 Years

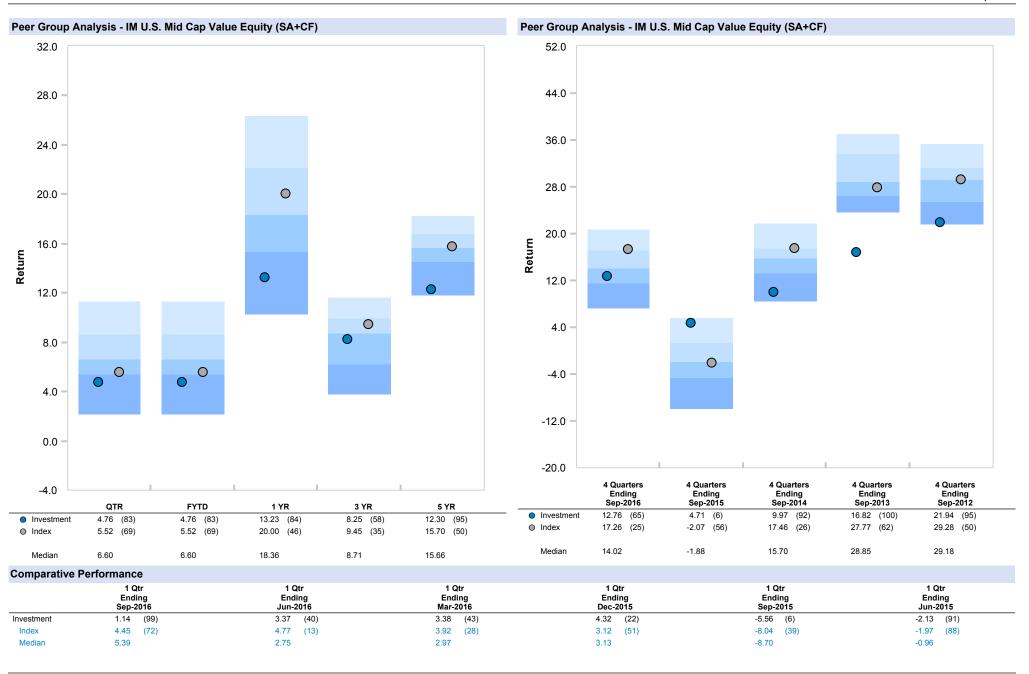






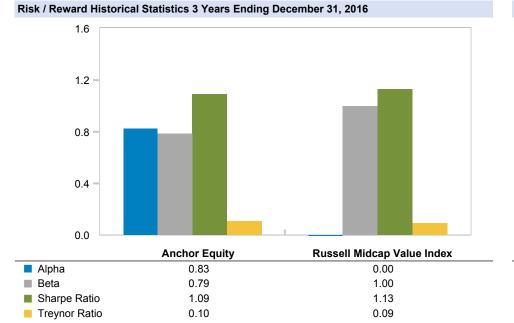
# 88



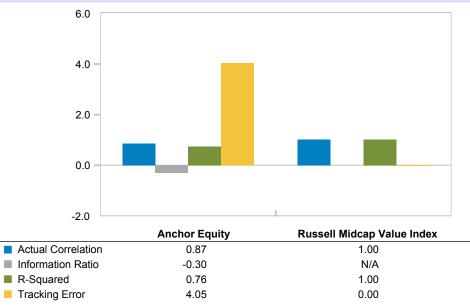




## Portfolio Comparison Anchor As of December 31, 2016

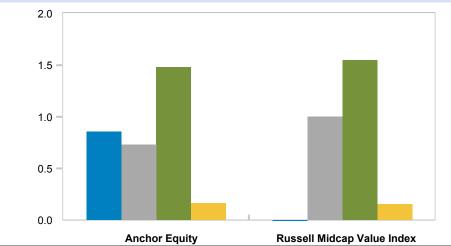


#### Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016



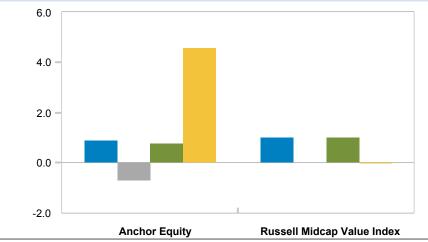
Benchmark: Russell Midcap Value Index

#### Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



	Anchor Equity	Russell Midcap Value Index
Alpha	0.86	0.00
Beta	0.73	1.00
Sharpe Ratio	1.48	1.55
Treynor Ratio	0.16	0.15

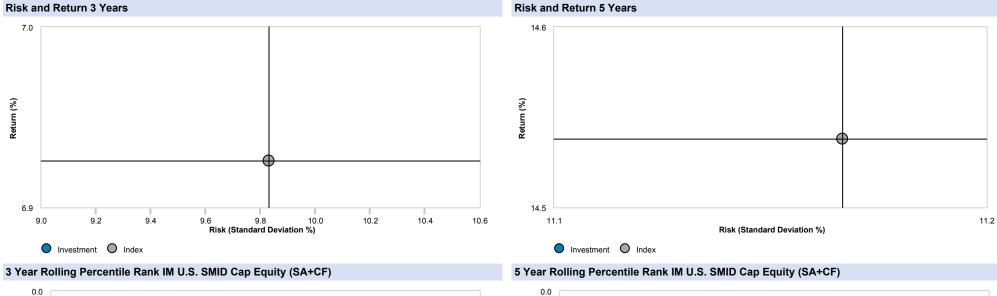
#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016

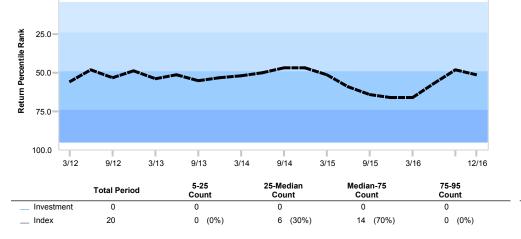


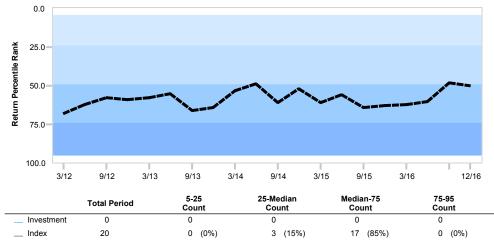
		Russen which a value much	_
Actual Correlation	0.89	1.00	_
Information Ratio	-0.71	N/A	
R-Squared	0.79	1.00	
Tracking Error	4.57	0.00	



									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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Index	6.93	9.83	0.73	100.00	9.00	100.00	3.00	Index	14.54	11.17	1.28	100.00	16.00	100.00	4.00			





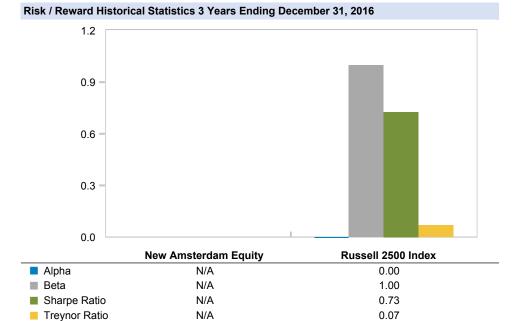




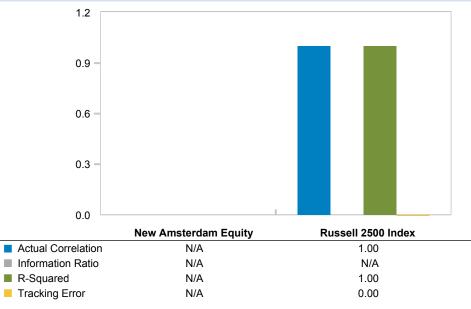




## Portfolio Comparison New Amsterdam As of December 31, 2016

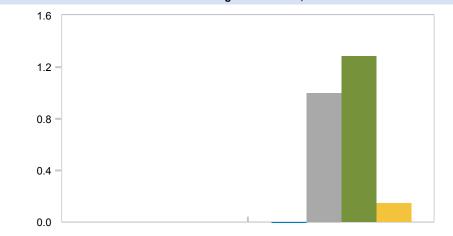






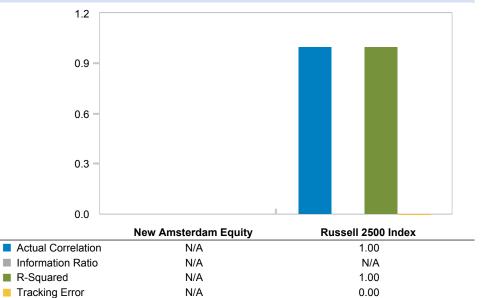
Benchmark: Russell 2500 Index

#### Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



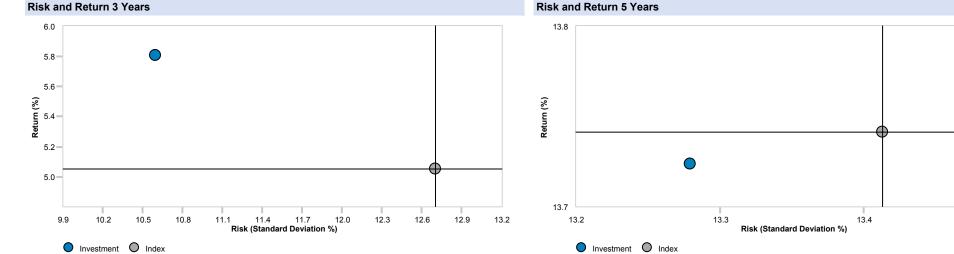
	New Amsterdam Equity	Russell 2500 Index
Alpha	N/A	0.00
Beta	N/A	1.00
Sharpe Ratio	N/A	1.28
Treynor Ratio	N/A	0.14

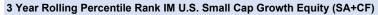
#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016

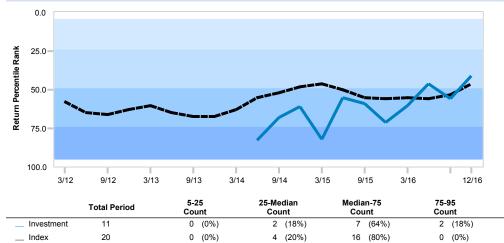




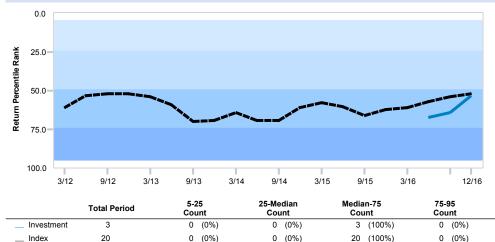
Historical Statistic	s 3 Years						Historical Statis	tics 5 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters					
Investment	5.81	10.60	0.58	92.73	8.00	81.45	4.00	Investment	13.72	13.28	1.04	100.28	15.00	101.73	5.00					
Index	5.05	12.70	0.45	100.00	9.00	100.00	3.00	Index	13.74	13.41	1.04	100.00	16.00	100.00	4.00					







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





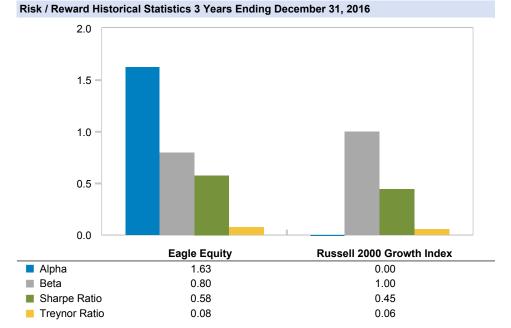
13.5

**Risk and Return 5 Years** 

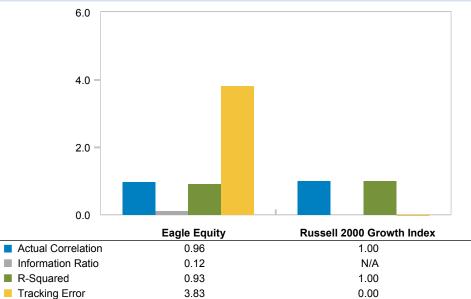




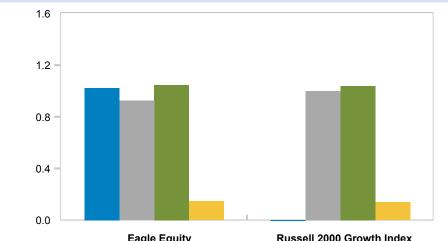
## Portfolio Comparison Eagle As of December 31, 2016



#### Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016



#### Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



	Eagle Equity	Russell 2000 Growth Index
Alpha	1.02	0.00
Beta	0.92	1.00
Sharpe Ratio	1.04	1.04
Treynor Ratio	0.15	0.14

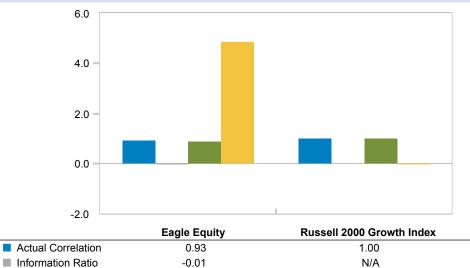
#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016

0.87

4.87

R-Squared

Tracking Error



8

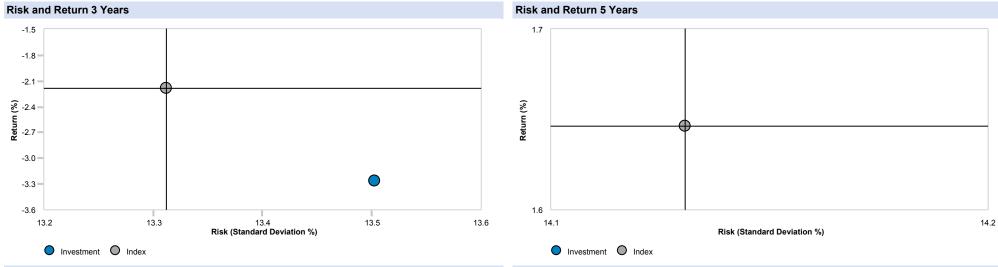
1.00

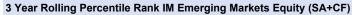
0.00

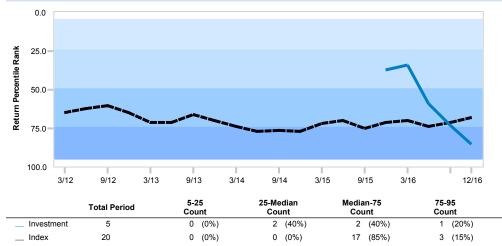
Benchmark: Russell 2000 Growth Index

## Strategy Review Oppenheimer Int Equity | MSCI Emerging Markets Index As of December 31, 2016

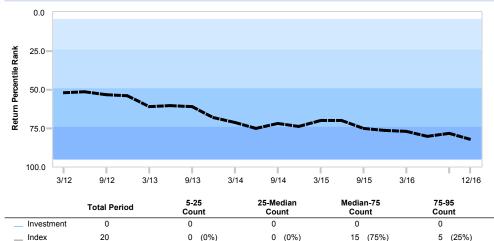
									stics 5 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters						
Investment	-3.26	13.50	-0.18	99.93	6.00	110.75	6.00	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Index	-2.19	13.31	-0.10	100.00	7.00	100.00	5.00	Index	1.65	14.13	0.18	100.00	12.00	100.00	8.00						





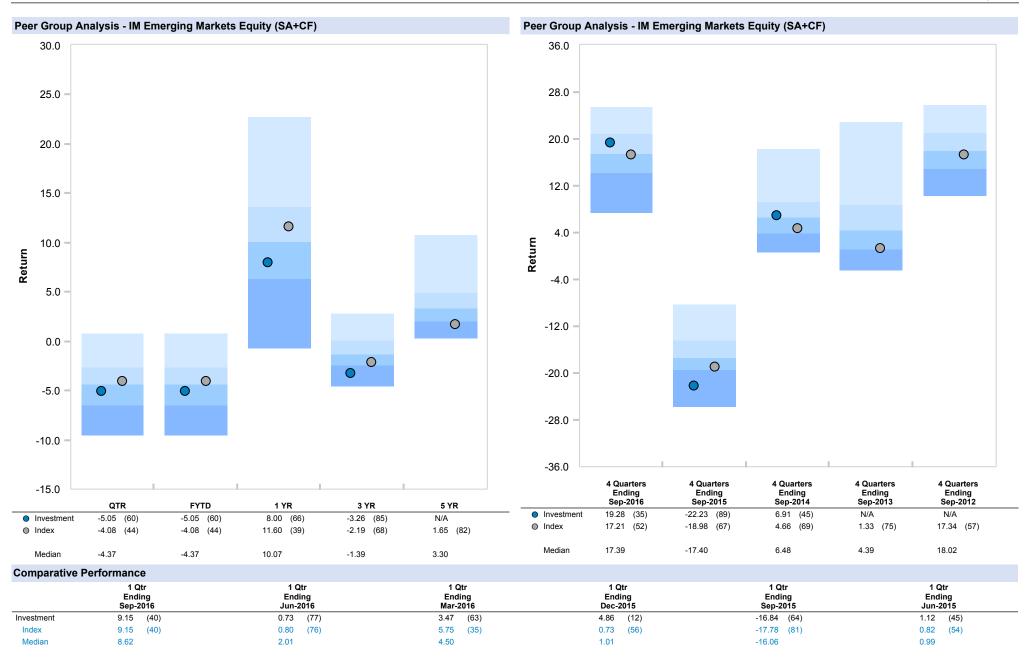


5 Year Rolling Percentile Rank IM Emerging Markets Equity (SA+CF)



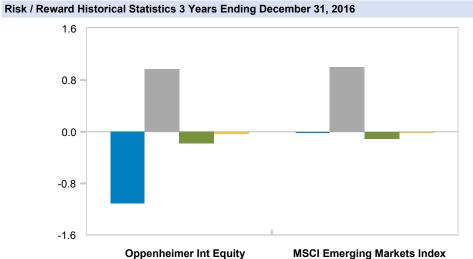


## Strategy Review Oppenheimer Int Equity | MSCI Emerging Markets Index As of December 31, 2016



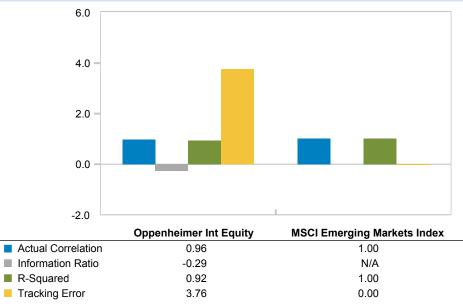


## Portfolio Comparison Oppenheimer As of December 31, 2016

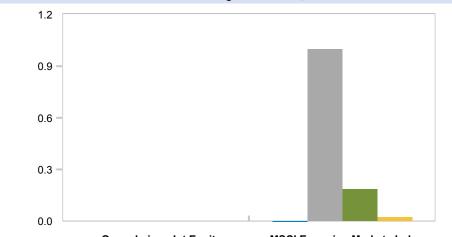


	Oppenneimer int Equity	MSCI Emerging Markets Index
Alpha	-1.11	0.00
Beta	0.97	1.00
Sharpe Ratio	-0.18	-0.10
Treynor Ratio	-0.03	-0.01

## Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016

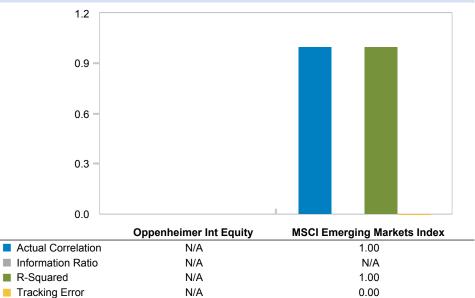


#### Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



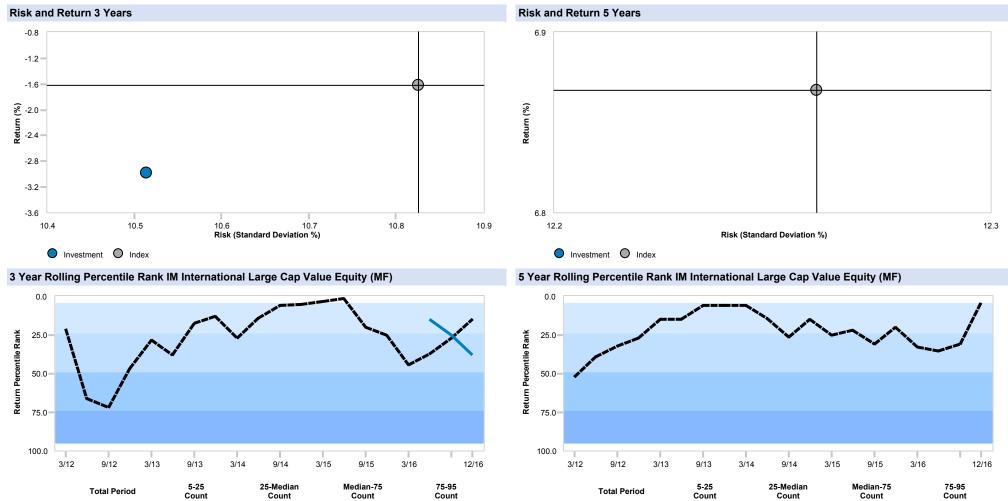
	Oppenheimer Int Equity	MSCI Emerging Markets Index
Alpha	N/A	0.00
Beta	N/A	1.00
Sharpe Ratio	N/A	0.18
Treynor Ratio	N/A	0.03

#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016



Benchmark: MSCI Emerging Markets Index

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	-2.99	10.51	-0.24	69.29	6.00	87.23	6.00	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Index	-1.62	10.83	-0.10	100.00	7.00	100.00	5.00	Index	6.87	12.26	0.60	100.00	13.00	100.00	7.00		



Investment

\_\_ Index

0

20

0

11 (55%)

0

8 (40%)

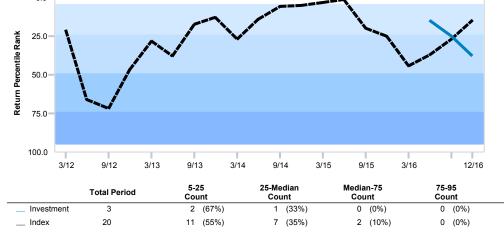


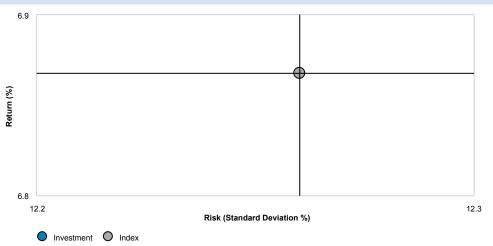
0

0 (0%)

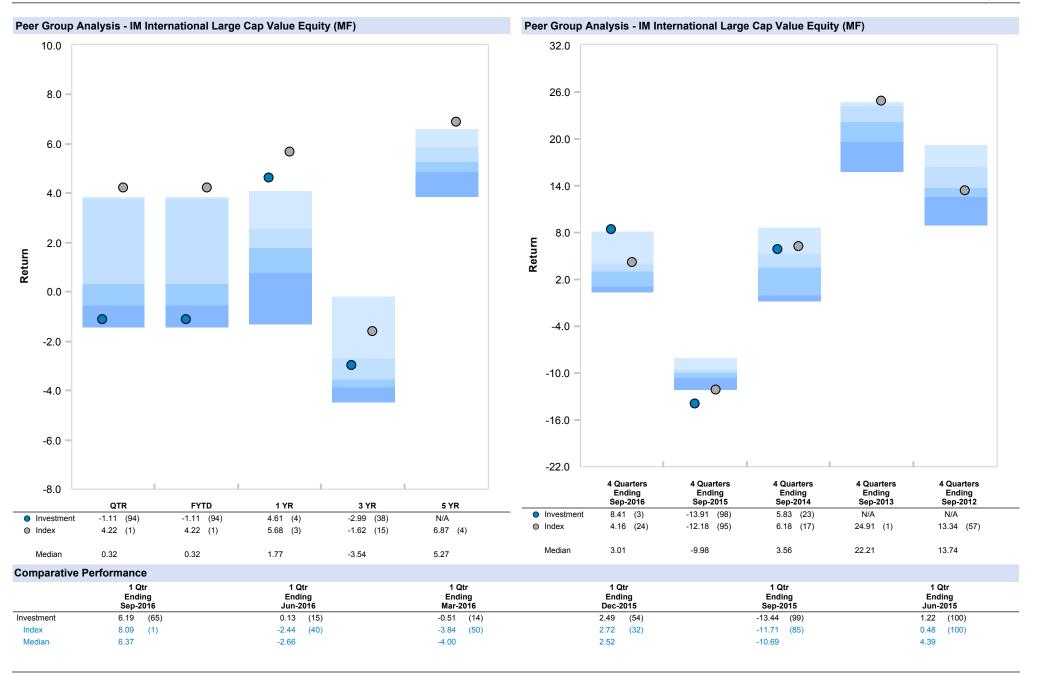
0

1 (5%)





## Strategy Review Vanguard Intl Equity (VTRIX) | MSCI EAFE Value As of December 31, 2016





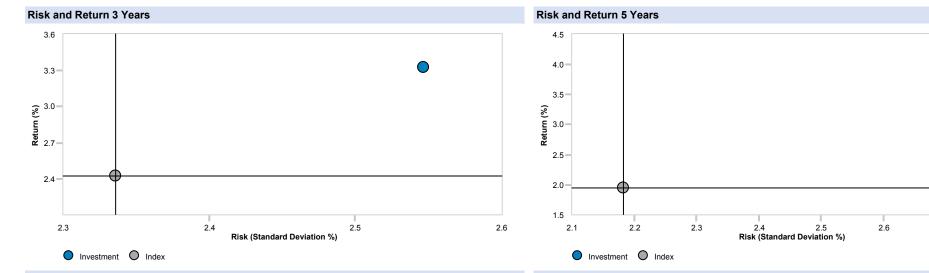
## Strategy Review Garcia Hamilton Fixed Income | Fixed Income Index As of December 31, 2016

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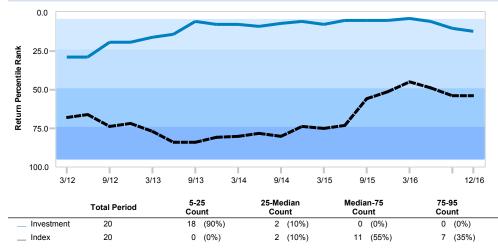
2.7

2.8

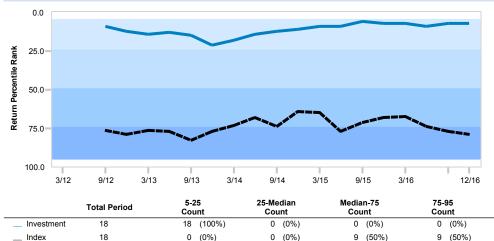
Historical Statistic	s 3 Years						Historical Statis	stics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.33	2.55	1.26	124.48	9.00	97.33	3.00	Investment	3.96	2.70	1.43	156.55	16.00	71.46	4.00
Index	2.43	2.34	0.99	100.00	9.00	100.00	3.00	Index	1.95	2.18	0.86	100.00	15.00	100.00	5.00







5 Year Rolling Percentile Rank IM U.S. Intermediate Duration (SA+CF)

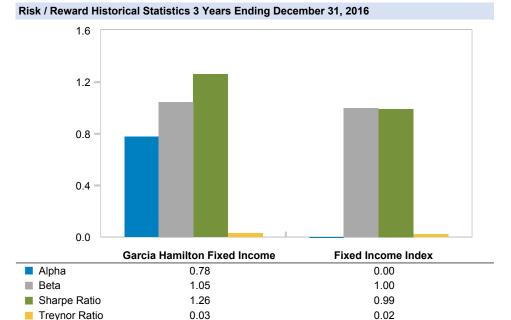




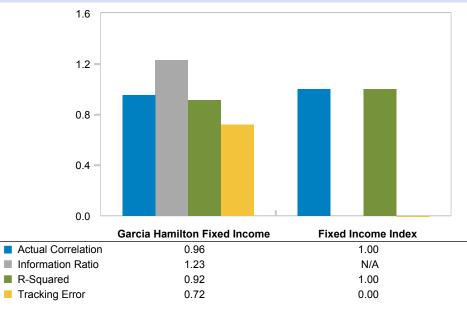
## Strategy Review Garcia Hamilton Fixed Income | Fixed Income Index As of December 31, 2016





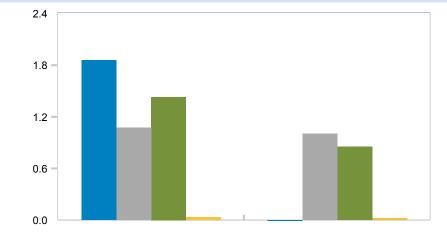


#### Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016



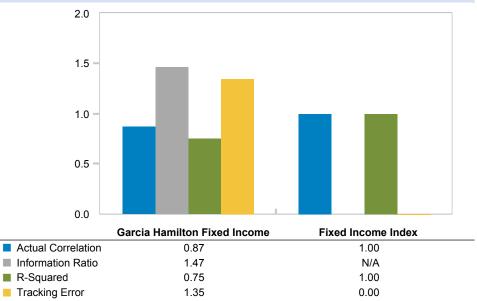
Benchmark: Garcia Hamilton Fixed Inc Index

#### Risk / Reward Historical Statistics 5 Years Ending December 31, 2016

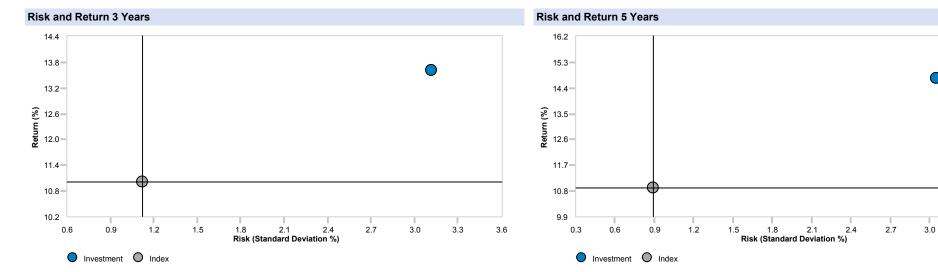


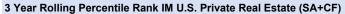
	Garcia Hamilton Fixed Income	Fixed Income Index
Alpha	1.86	0.00
Beta	1.07	1.00
Sharpe Ratio	1.43	0.86
Treynor Ratio	0.04	0.02

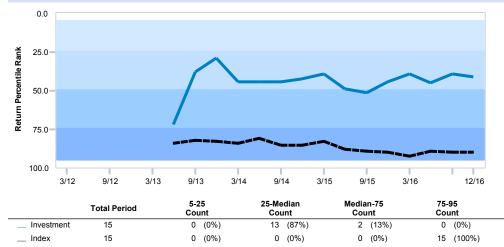
#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016



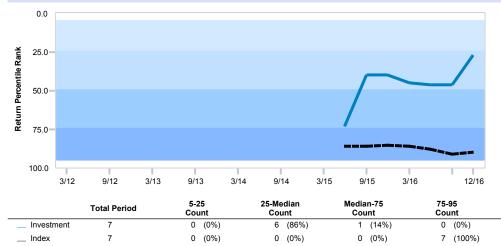
Historical Statistics 3 Years							Historical Statis	stics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	13.60	3.12	4.12	122.74	12.00	N/A	N/A	Investment	14.73	3.05	4.55	133.60	20.00	N/A	N/A
Index	11.02	1.12	8.96	100.00	12.00	N/A	N/A	Index	10.92	0.89	11.24	100.00	20.00	N/A	N/A







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





3.3

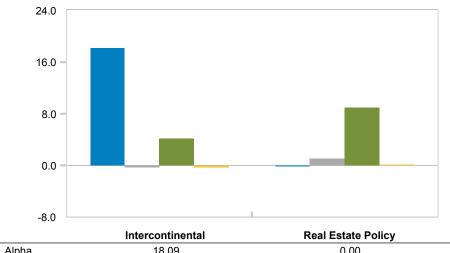
3.6

## Strategy Review Intercontinental | Real Estate Policy As of December 31, 2016





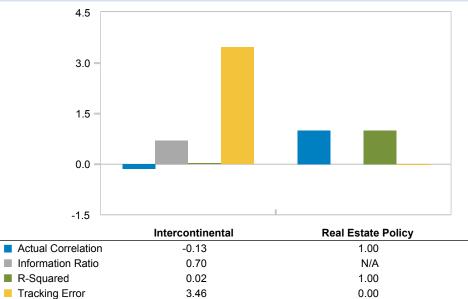
## Portfolio Comparison Intercontinental As of December 31, 2016



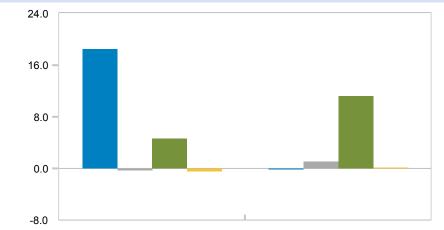
Alpha	18.09	0.00
Beta	-0.38	1.00
Sharpe Ratio	4.12	8.96
Treynor Ratio	-0.34	0.10

## Benchmark Relative Historical Statistics 3 Years Ending December 31, 2016

Risk / Reward Historical Statistics 3 Years Ending December 31, 2016

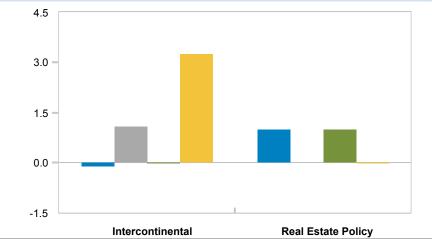


Risk / Reward Historical Statistics 5 Years Ending December 31, 2016



	Intercontinental	Real Estate Policy
Alpha	18.46	0.00
Beta	-0.31	1.00
Sharpe Ratio	4.55	11.24
Treynor Ratio	-0.45	0.10

#### Benchmark Relative Historical Statistics 5 Years Ending December 31, 2016



	Intercontinental	Real Estate Policy	
Actual Correlation	-0.09	1.00	
Information Ratio	1.08	N/A	
R-Squared	0.01	1.00	
Tracking Error	3.26	0.00	

88

Benchmark: Real Estate Policy

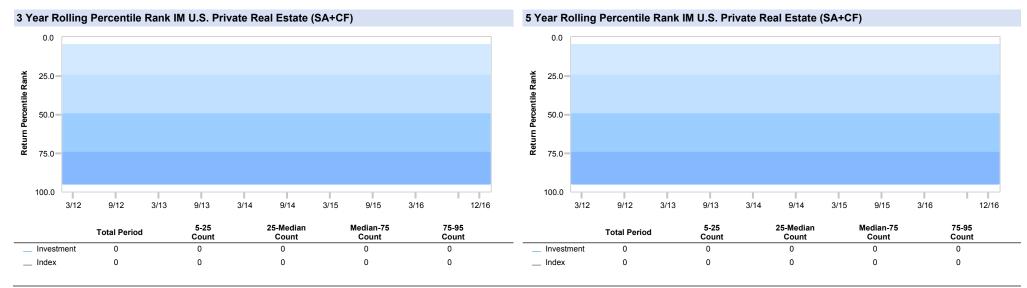
Historical Statistics 3 Years							Historical Statis	stics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Index	N/A	N/A	N/A	N/A	N/A	N/A	N/A

#### Risk and Return 3 Years

No data found.

## **Risk and Return 5 Years**

No data found.





## Strategy Review J.P. Morgan | Real Estate Policy As of December 31, 2016





## Benchmark History Investment Policy Benchmarks As of December 31, 2016

## Total Fund Historical Hybrid Composition

Allocation Mandate	Weight (%)
Oct-2007	
Bloomberg Barclays U.S. Aggregate Index	35.00
S&P 500 Index	29.00
Russell Midcap Index	16.00
Russell 2000 Index	10.00
MSCI EAFE Index	10.00
Jul-2010	
Bloomberg Barclays U.S. Aggregate Index	35.00
S&P 500 Index	26.00
Russell Midcap Index	16.00
Russell 2000 Index	10.00
MSCI EAFE Index	10.00
NCREIF Property Index	3.00
Apr-2011	
Bloomberg Barclays Intermed Aggregate Index	35.00
S&P 500 Index	26.00
Russell Midcap Index	16.00
Russell 2000 Index	10.00
MSCI EAFE Index	10.00
NCREIF Property Index	3.00
Oct-2011	
Bloomberg Barclays Intermed Aggregate Index	30.00
S&P 500 Index	29.00
Russell Midcap Index	16.00
Russell 2000 Index	10.00
MSCI EAFE Index	10.00
NCREIF Property Index	5.00

#### Jan-2013

Bloomberg Barclays Intermed Aggregate Index	30.00
S&P 500 Index	26.00
Russell Midcap Index	16.00
Russell 2000 Index	10.00
MSCI EAFE Index	10.00
NCREIF Property Index	5.00
MSCI Emerging Markets Index	3.00

Allocation Mandate	Weight (%)	
Apr-2014		
Bloomberg Barclays Intermed Aggregate Index	26.00	
S&P 500 Index	25.00	
Russell Midcap Index	16.00	
Russell 2000 Index	10.00	
MSCI EAFE Index	10.00	
NCREIF Property Index	10.00	
MSCI Emerging Markets Index	3.00	
Oct-2016		
Bloomberg Barclays Intermed Aggregate Index	23.00	
S&P 500 Index	25.00	
Russell Midcap Index	16.00	
Russell 2000 Index	10.00	
MSCI EAFE Index	10.00	
NCREIF Property Index	13.00	
MSCI Emerging Markets Index	3.00	



## Benchmark History Investment Policy Benchmarks As of December 31, 2016

			As of December of
otal Equity Historical Hybrid	Composition	Fixed Income Historical Hybrid Composition	
Ilocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
oct-2007		Oct-2007	
S&P 500 Index	44.60	Bloomberg Barclays U.S. Aggregate Index	100.00
Russell Midcap Index	24.60		
Russell 2000 Index	15.40	Apr-2011	
ISCI EAFE Index	15.40	Bloomberg Barclays Intermed Aggregate Index	100.00
ul-2010			
&P 500 Index	40.00		
Russell Midcap Index	24.60		
ussell 2000 Index	15.40		
ISCI EAFE Index	15.40		
ICREIF Property Index	4.60		
ct-2011			
&P 500 Index	45.00		
ussell Midcap Index	25.00		
ussell 2000 Index	15.00		
ISCI EAFE Index	15.00		
an-2013			
&P 500 Index	40.00		
ussell Midcap Index	25.00		
ussell 2000 Index	15.00		
SCI EAFE Index	15.00		
ISCI Emerging Markets Index	5.00		
ct-2014			
&P 500 Index	40.00		
ussell Midcap Index	12.50		
ussell 2000 Index	15.00		
ISCI FAFF Index	15 00		



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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