

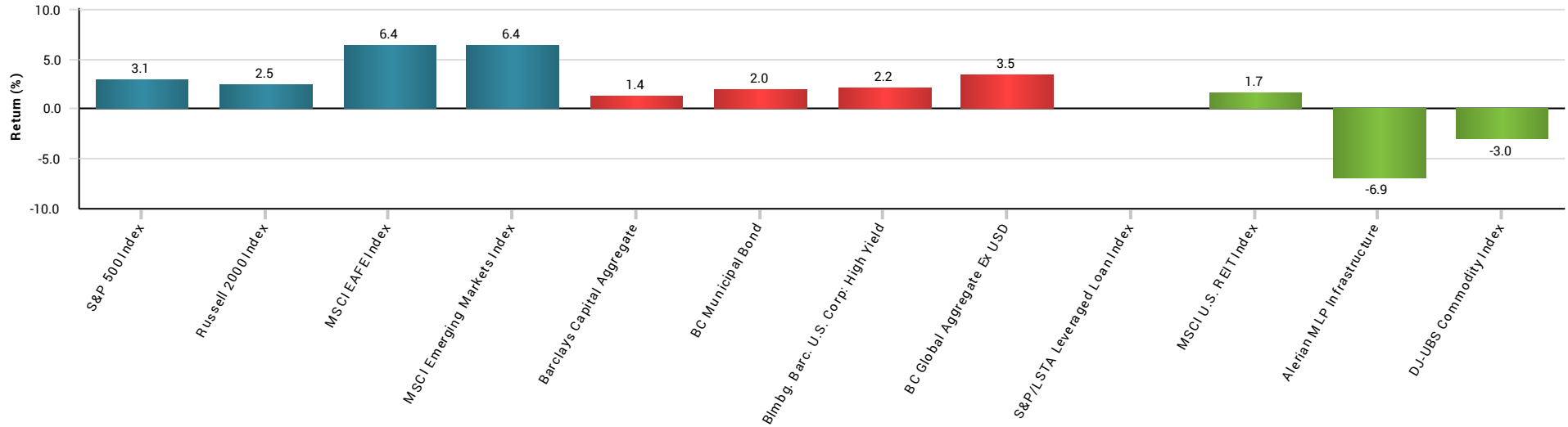
# Boynton Beach Police Pension Fund

## Investment Performance Period Ending June 30, 2017

The following investment information was prepared by BCA, relying upon data from statements provided by the plan custodian and/or investment manager(s).  
BCA reviews transactions provided by the custodian and uses reasonable care to ensure the accuracy of the data contained herein.  
However, BCA cannot guarantee the accuracy of the custodian's statement.

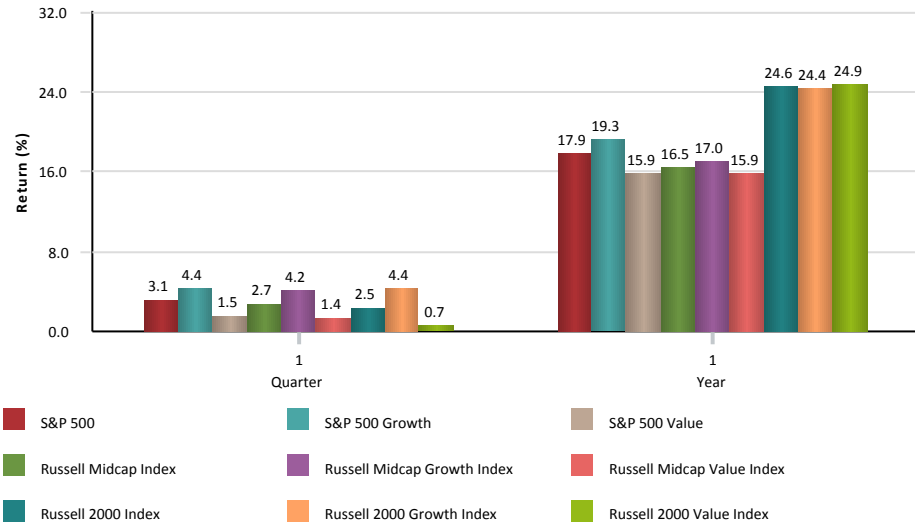


## 1 Quarter Performance



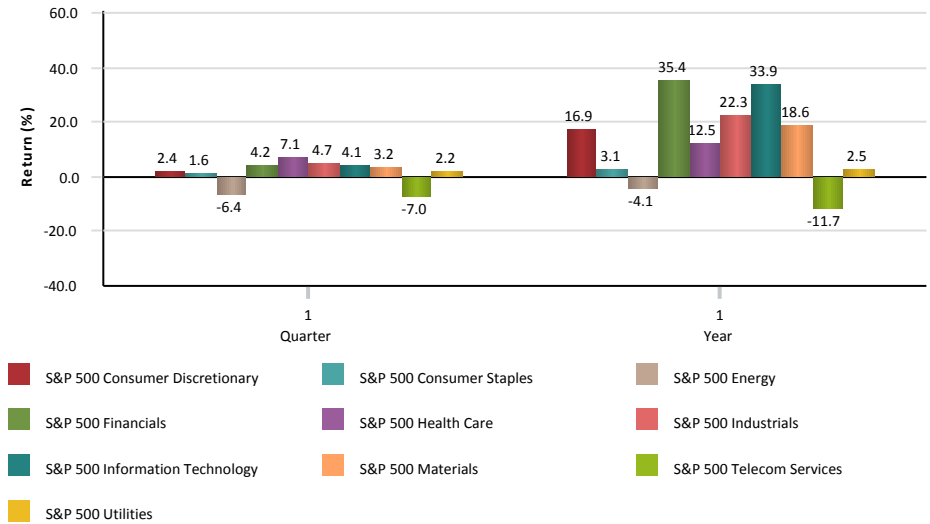
Source: Investment Metrics, LLC

## US Market Indices Performance



Source: Investment Metrics, LLC

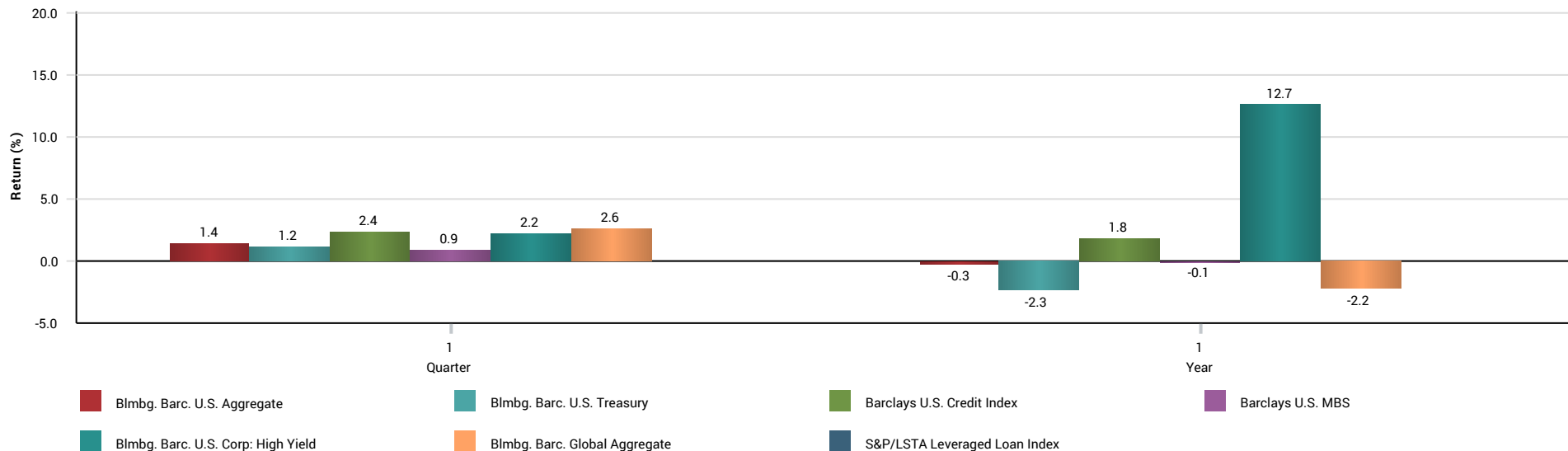
## US Market Sector Performance



Source: Investment Metrics, LLC

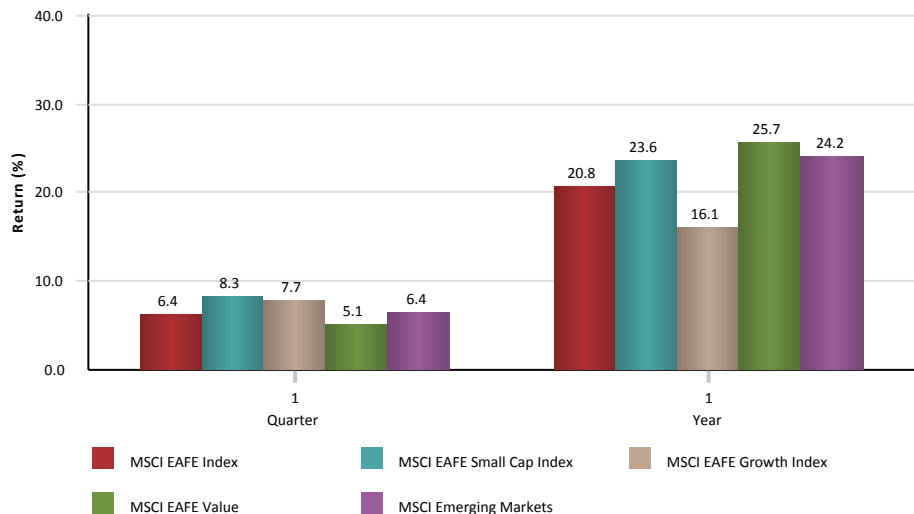


Fixed Income Market Sector Performance



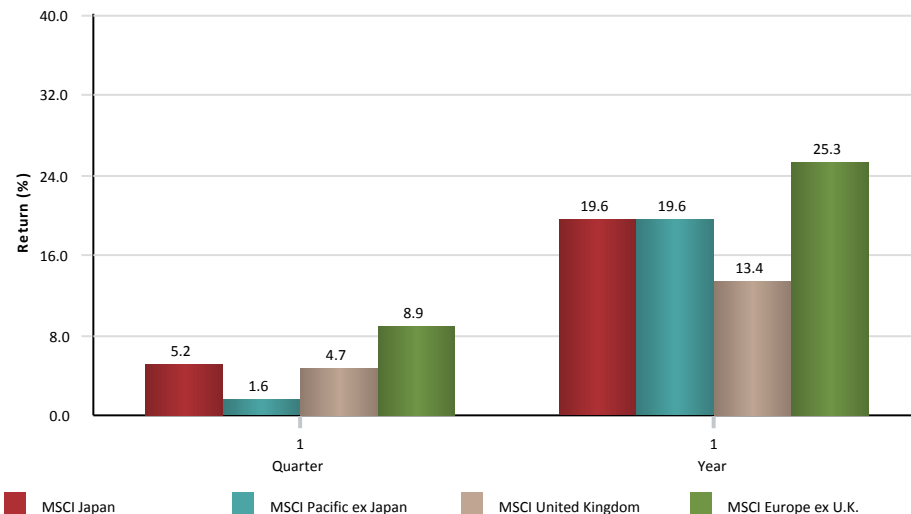
Source: Investment Metrics, LLC

Intl Equity Indices Performance



Source: Investment Metrics, LLC

Intl Equity Region Performance



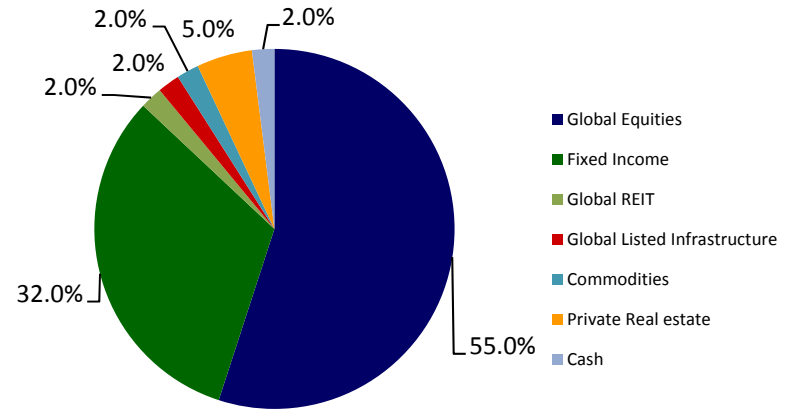
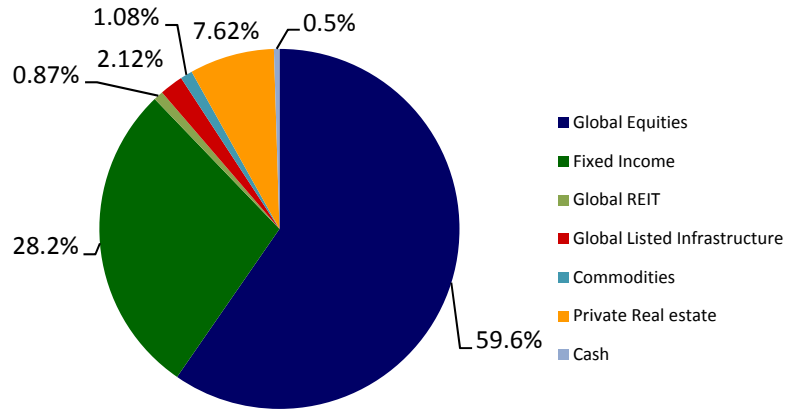
Source: Investment Metrics, LLC



**Boynton Beach Police Pension Fund**  
**Investment Performance - Net**  
**June 30, 2017**

	<u>Quarter</u>	<u>FYTD</u>	<u>One Year</u>	<u>Three Years</u>	<u>Five Years</u>
Beginning Market Value	92,280,036	86,039,124	84,668,652	76,782,315	58,809,456
Contributions	-1,690,926	210,809	-486,397	-933,056	-222,378
Gain/Loss	2,705,753	7,044,928	9,112,606	17,445,604	34,707,784
Ending Market Value	93,294,862	93,294,862	93,294,862	93,294,862	93,294,862
Total Fund (%)	2.8	7.4	9.9	6.2	8.7
Policy Benchmark (%)	2.8	7.4	10.5	5.2	8.2

**Boynton Beach Police Pension Fund  
Total Fund  
June 30, 2017  
Actual vs. Target Asset Allocation**



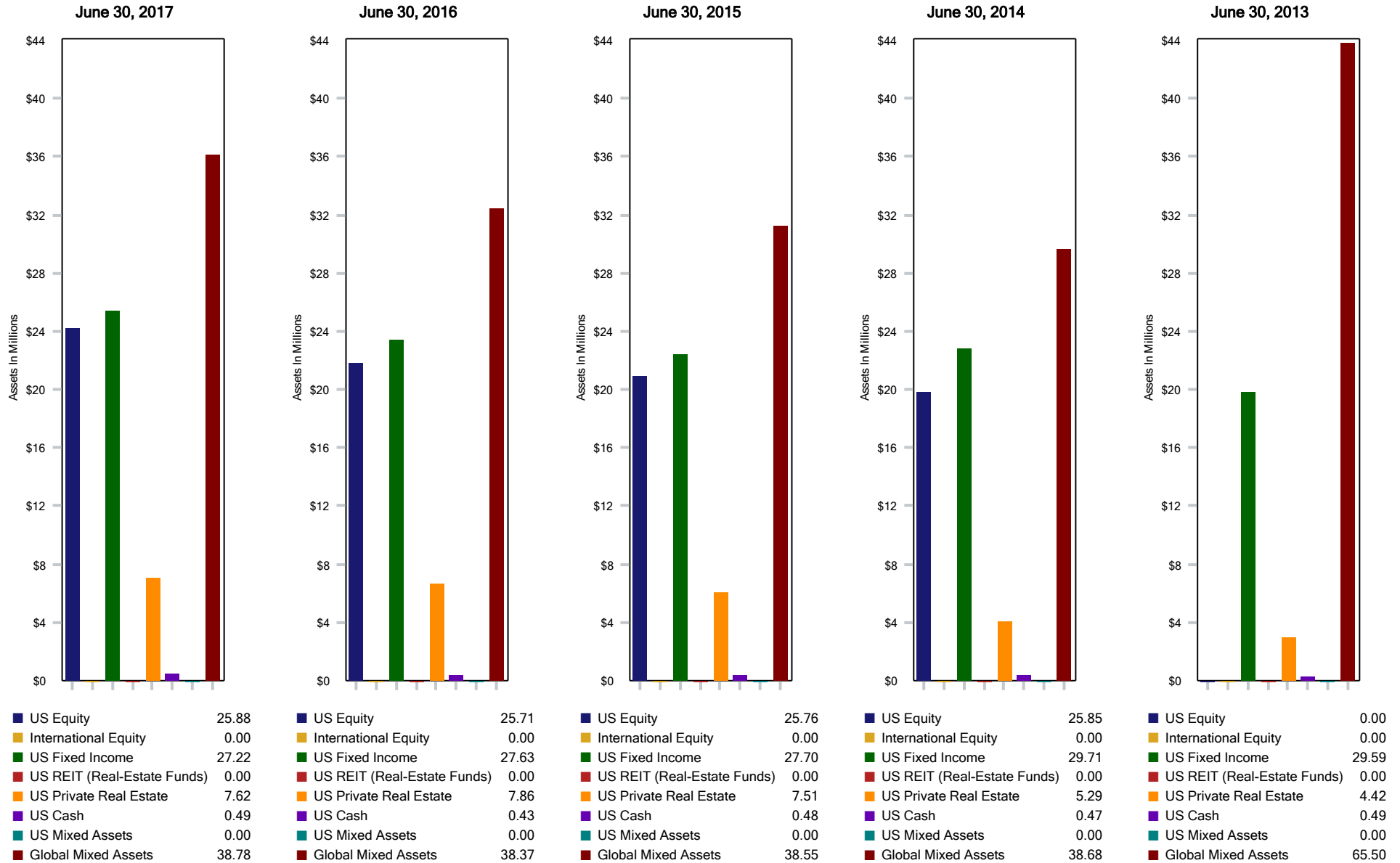
	MV (\$)	Current	Target	Difference
<b>Global Equities</b>	\$ 55,635,847	59.6%	55.0%	4.6%
<b>Fixed Income</b>	\$ 26,293,907	28.2%	32.0%	-3.8%
<b>Global REIT</b>	\$ 808,827	0.87%	2.0%	-1.1%
<b>Global Listed Infrastructure</b>	\$ 1,978,181	2.12%	2.0%	0.1%
<b>Commodities</b>	\$ 1,009,688	1.08%	2.0%	-0.9%
<b>Private Real estate</b>	\$ 7,109,286	7.62%	5.0%	2.6%
<b>Cash</b>	\$ 459,127	0.5%	2.0%	-1.5%
<b>Total</b>	<b>93,294,862</b>	<b>100.0%</b>	<b>100.0%</b>	<b>0.0%</b>

Total International = 19.7% (This calculation includes foreign equity, REIT, listed infrastructure, and fixed income)

Note: For illustrative purposes only.



## Boynton Beach Police Pension Fund Historical Asset Allocation June 30, 2017



**Boynton Beach Police Pension Fund**  
**Asset Allocation & Performance**  
**June 30, 2017**

	Market Value	QTD ROR - Rank	FYTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
<b>Total Fund</b>	<b>93,294,862</b>	<b>3.0 (47)</b>	<b>8.0 (63)</b>	<b>10.7 (78)</b>	<b>7.0 (3)</b>	<b>9.5 (27)</b>
<b>Policy Benchmark</b>		<b>2.8</b>	<b>7.4</b>	<b>10.5</b>	<b>5.2</b>	<b>8.2</b>
<b>Russell Large Cap Defensive Equity (CF)</b>	<b>24,144,089</b>	<b>3.2</b>	<b>12.1</b>	<b>13.7</b>	<b>9.8</b>	<b>N/A</b>
Russell 1000 Defensive Index		2.7	10.7	11.4	9.2	13.5
Russell 1000 Index		3.1	13.5	18.0	9.3	14.7
<b>Russell Multi-Asset Core (CF)</b>	<b>36,182,866</b>	<b>3.8</b>	<b>11.7</b>	<b>16.6</b>	<b>7.0</b>	<b>N/A</b>
Multi-Asset Core Composite Index		3.8	11.7	16.2	5.0	N/A
<b>Russell Multi-Manager Bond (CF)</b>	<b>25,399,494</b>	<b>1.9 (4)</b>	<b>-0.3 (45)</b>	<b>0.8 (30)</b>	<b>3.4 (10)</b>	<b>3.4 (12)</b>
Fixed Income Benchmark		1.4	-0.8	-0.3	2.5	2.2
<b>Russell Real Estate Equity (CF)</b>	<b>7,109,286</b>	<b>1.9</b>	<b>6.3</b>	<b>8.4</b>	<b>11.6</b>	<b>12.2</b>
Real Estate Benchmark		1.7	5.8	8.1	11.6	11.8
<b>Russell ST Inv Cash Sweep (CF)</b>	<b>459,127</b>	<b>0.0</b>	<b>0.2</b>	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>
BofA Merrill Lynch 3 Month U.S. T-Bill		0.2	0.4	0.5	0.2	0.2

**1 Policy Benchmark (IPS hybrid benchmark objective):** March '14 is 30% MSCI ACWI + 25% Russell 1000 + 32% BC Aggregate + 2% NAREIT + 2% S&P Global Infrastructure Index + 5% NCREIF ODCE EQ (NFI ODCE EQ) + 2% DJ UBS Commodities + 2% ML 3M T-Bills; prior from May'13 48% MSCI ACWI + 35% BC Aggregate + 5% NAREIT + 5% NFI ODCE EQ + 5% DJ UBS Commodities + 2% ML 3M T-Bills; Mar'12 is 34% Russell 1000 + 11% Russell Mid-Cap + 11% MSCI Net EAFE + 4% MSCI Net EM + 5% FTSE/NAREIT + 30% BC Aggregate + 5% BC TIPS; from Sep'09 was 34% Russell 1000 + 11% Russell Mid-Cap+ 11% MSCI Net EAFE + 4% MSCI Net EM + 5% Wilshire REIT + 30% BC Aggregate + 5% BC TIPS; from May'05 was 34% Russell 1000 + 16% Russell Mid-Cap+ 10% MSCI Net EAFE +5% Wilshire REIT + 30% LB Interm Aggregate + 5% Lehman Interm TIPS; from Jul'02 was 60% S&P 500 + 35 LB Gov't/Credit.

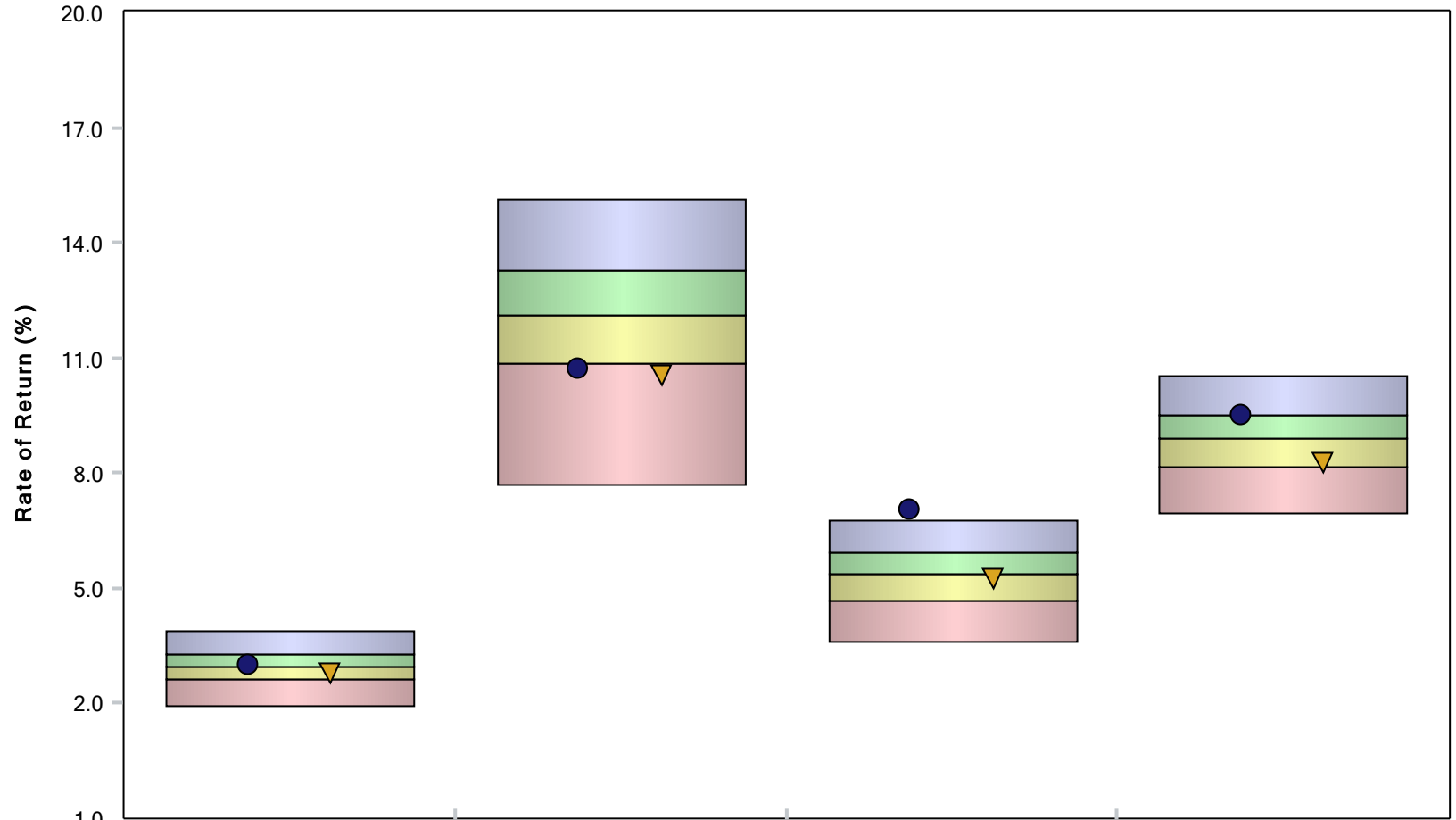
**2 The Multi-Asset Core Composite Benchmark:** 75.0% Russell World Cap 50% Hedged Net Index / 5.0% Bloomberg Commodity Index / 5.0% FTSE EPRA/NAREIT Developed Real Estate Index (Net) / 5.0% S&P Global Infrastructure Index Net / 7.0% Barclays U.S. Aggregate Bond Index / 3.0% Barclays U.S. 1-3 Month Treasury Bill Index. This benchmark is appropriate for evaluating the Russell Multi-Asset Core Fund over a 3 to 5 year horizon.

**3 Fixed Income Benchmark (IPS fixed income hybrid):** Sep'09 is 100% BC Aggregate; from May05 was 100% LB Intermediate Aggregate; from Jun'02 was 100% Lehman Gov't/Credit.

**4 Real Estate Benchmark:** from Sept'09 is 100% NCREIF ODCE EQ (NFI ODCE EQ); prior was 100% NCREIF Index.



**Boynton Beach Police Pension Fund**  
**Peer Universe Quartile Ranking**  
**June 30, 2017**



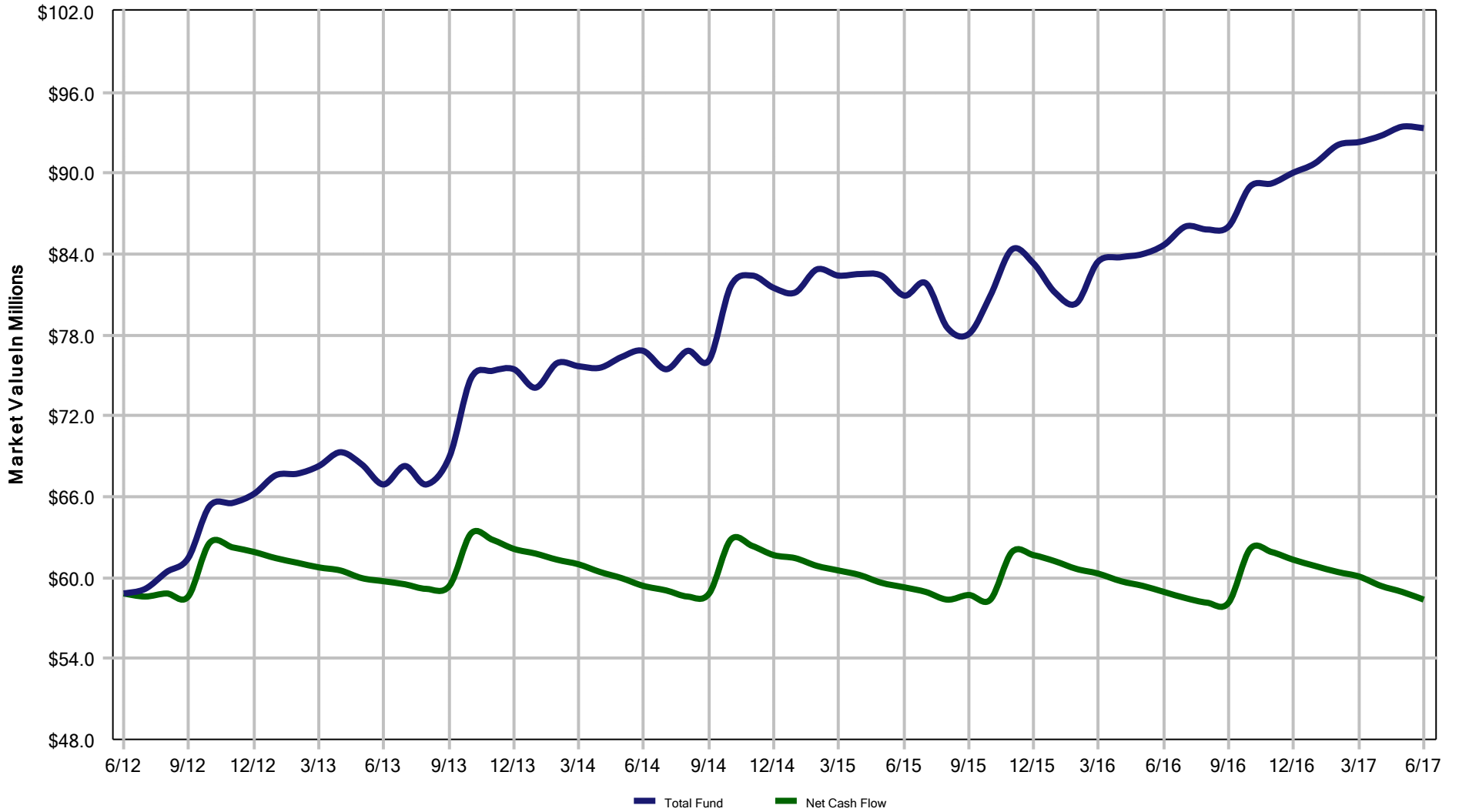
	<u>Quarter</u>	<u>One Year</u>	<u>Three Years</u>	<u>Five Years</u>
● Total Fund	3.0 (47)	10.7 (78)	7.0 (3)	9.5 (27)
▼ Policy Benchmark	2.8 (65)	10.5 (81)	5.2 (54)	8.2 (74)
5th Percentile	3.9	15.1	6.8	10.5
1st Quartile	3.3	13.3	5.9	9.5
Median	3.0	12.1	5.4	8.9
3rd Quartile	2.6	10.8	4.7	8.1
95th Percentile	1.9	7.7	3.6	7.0

Parentheses contain percentile rankings.  
 Calculation based on quarterly data.





**Boynton Beach Police Pension Fund  
Growth of Investments  
July 1, 2012 Through June 30, 2017**



**Beginning MV**

\$58,809,456

**Ending MV**

\$93,294,862

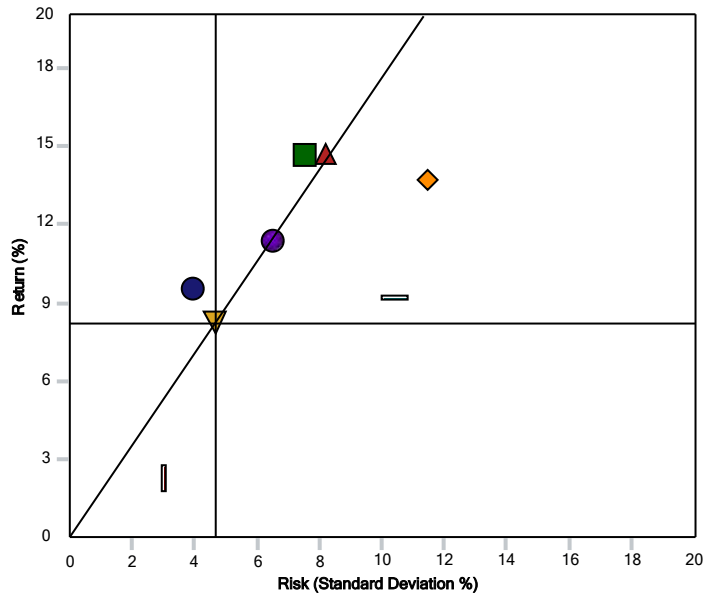
**Annualized ROR**

9.5



## Boynton Beach Police Pension Fund Capital Market Line Period Ending June 30, 2017

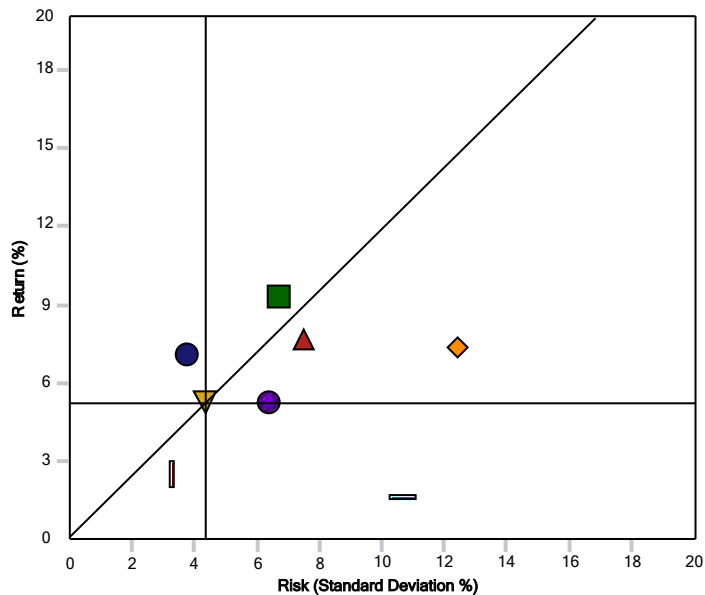
### 5 Years Risk/Reward



### 5 Years Statistics

	Return	Standard Deviation	Beta	Alpha
Total Fund	9.48	3.98	0.82	2.65
Policy Benchmark	8.23	4.66	1.00	0.00
Russell 1000 Index	14.67	7.56	1.38	3.05
Russell Midcap Index	14.72	8.20	1.57	1.61
Russell 2000 Index	13.70	11.46	1.76	-0.57
ML All Conv Ex. 144A AQ Index	11.32	6.55	1.22	1.22
MSCI EAFE Index	9.18	10.42	1.79	-4.95
Bloomberg Barclays U.S. Aggregate Index	2.21	3.03	0.18	0.82

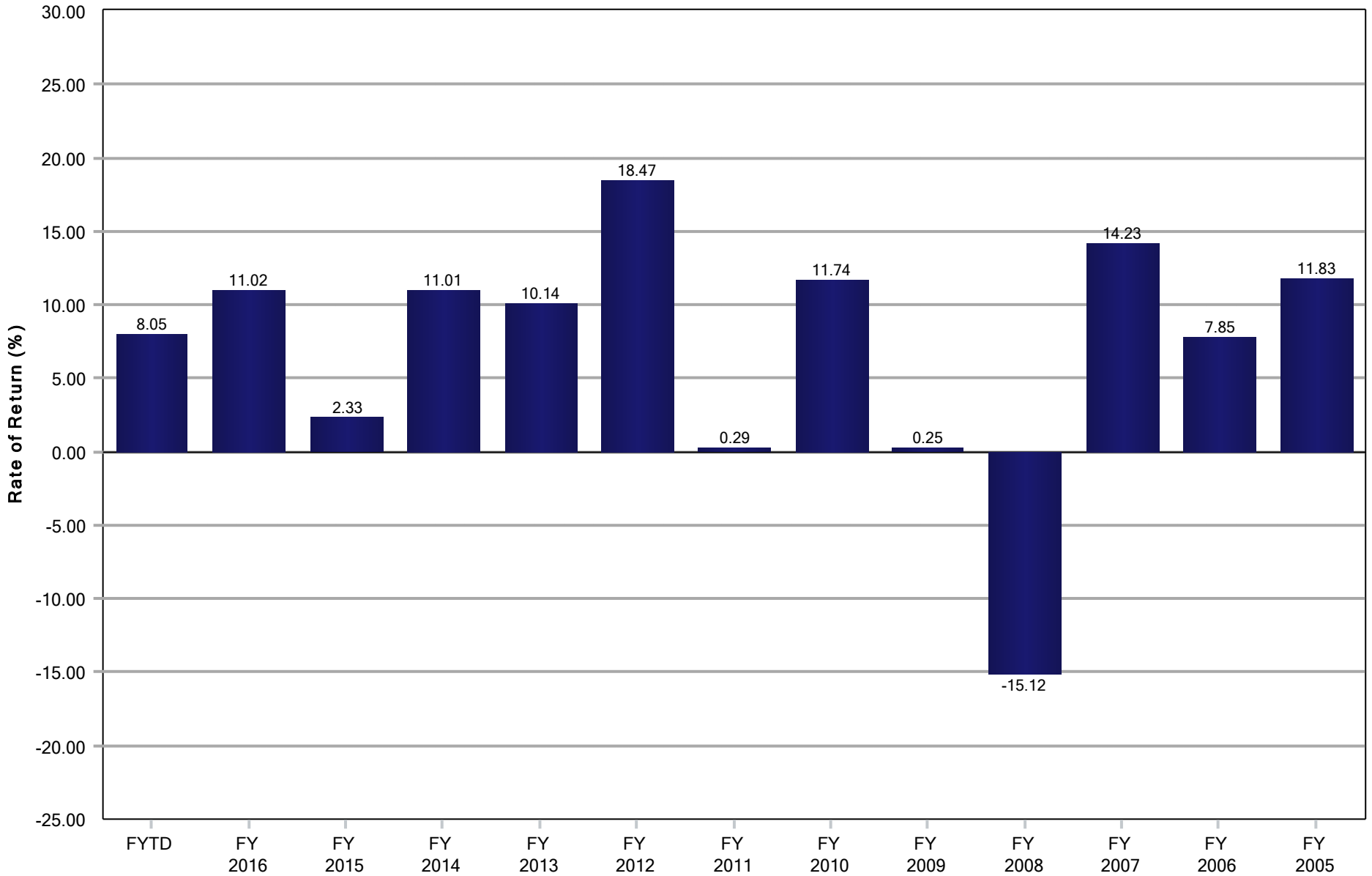
### 3 Years Risk/Reward



### 3 Years Statistics

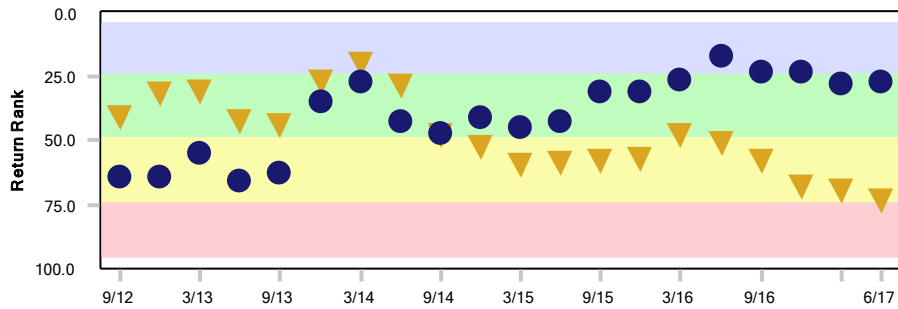
	Return	Standard Deviation	Beta	Alpha
Total Fund	7.05	3.78	0.85	2.53
Policy Benchmark	5.24	4.36	1.00	0.00
Russell 1000 Index	9.26	6.75	1.40	1.86
Russell Midcap Index	7.69	7.48	1.58	-0.52
Russell 2000 Index	7.36	12.43	2.04	-2.72
ML All Conv Ex. 144A AQ Index	5.25	6.40	1.26	-1.27
MSCI EAFE Index	1.61	10.68	2.01	-8.09
Bloomberg Barclays U.S. Aggregate Index	2.48	3.25	0.14	1.81

Boynton Beach Police Pension Fund  
Fiscal Year Rates of Return  
June 30, 2017



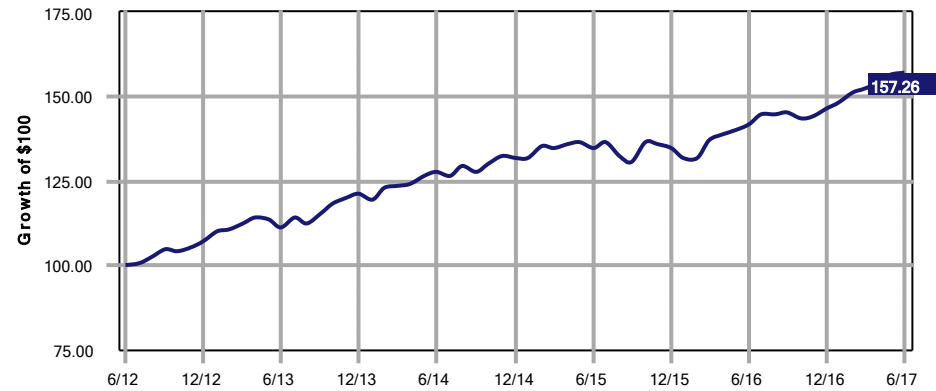
## Boynton Beach Police Pension Fund Total Fund June 30, 2017

### 5 Years Rolling Percentile Ranking - 5 Years

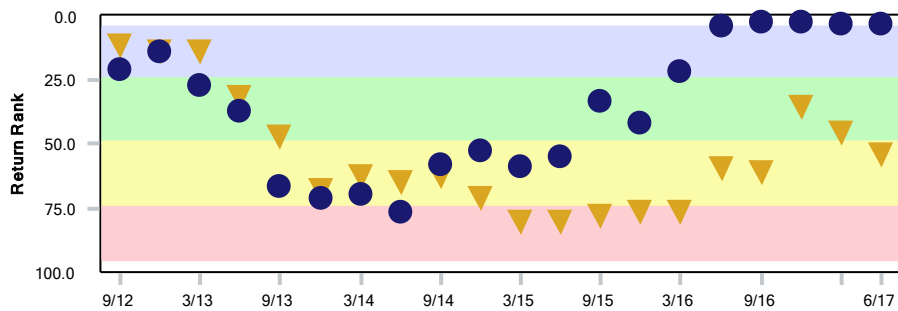


	Periods	5 - 25	25 - 50	50 - 75	75 - 95
● Total Fund	20	3 (15%)	12 (60%)	5 (25%)	0 (0%)
▼ Policy Benchmark	20	1 (5%)	9 (45%)	10 (50%)	0 (0%)

### Growth of a Dollar

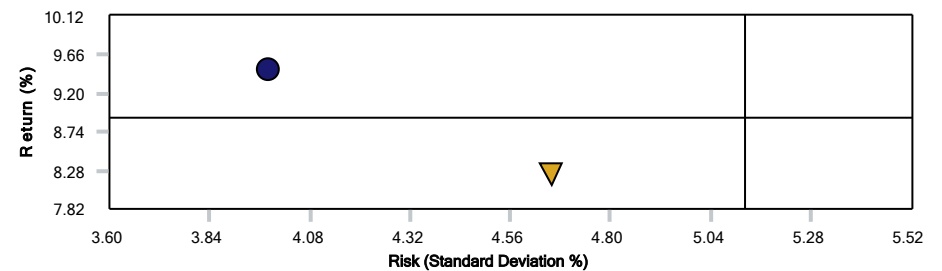


### 3 Years Rolling Percentile Ranking - 5 Years



	Periods	5 - 25	25 - 50	50 - 75	75 - 95
● Total Fund	20	8 (40%)	4 (20%)	7 (35%)	1 (5%)
▼ Policy Benchmark	20	3 (15%)	4 (20%)	8 (40%)	5 (25%)

### Peer Group Risk/Reward - 5 Years



	Return	Standard Deviation
● Total Fund	9.48	3.98
▼ Policy Benchmark	8.23	4.66
— Median	8.91	5.12

### Historical Statistics - 5 Years

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Total Fund	9.48	3.98	2.65	0.82	2.29	56.83	105.97
Policy Benchmark	8.23	4.66	0.00	1.00	1.71	100.00	100.00

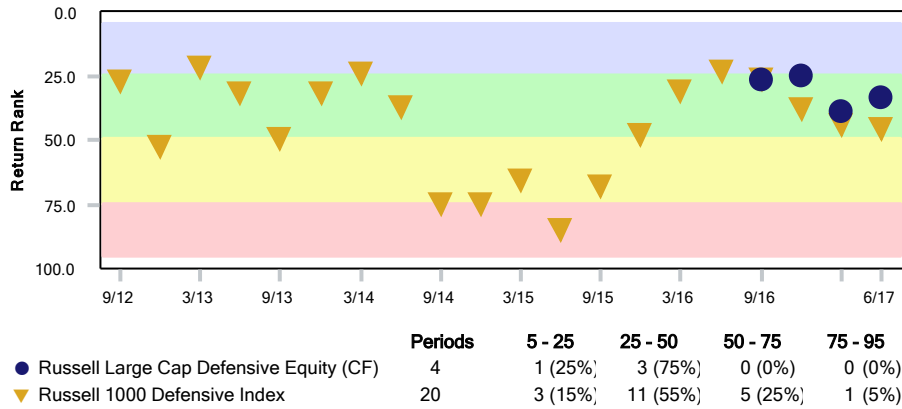
### Historical Statistics - 3 Years

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Total Fund	7.05	3.78	2.53	0.85	1.80	58.36	113.86
Policy Benchmark	5.24	4.36	0.00	1.00	1.17	100.00	100.00

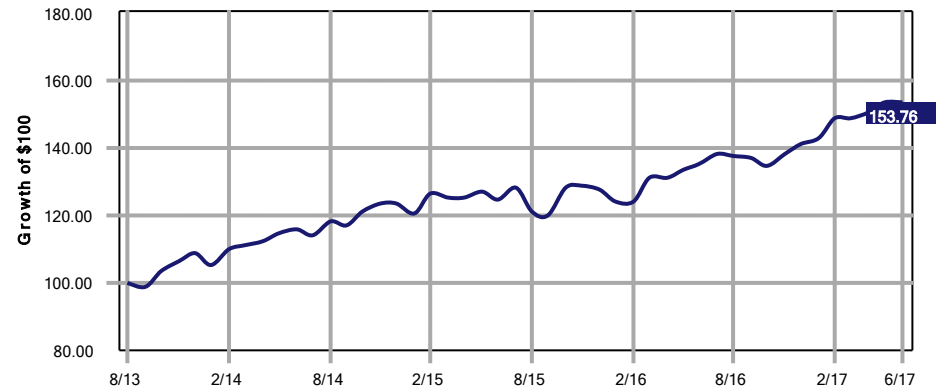


## Boynton Beach Police Pension Fund Russell Large Cap Defensive Equity (CF) June 30, 2017

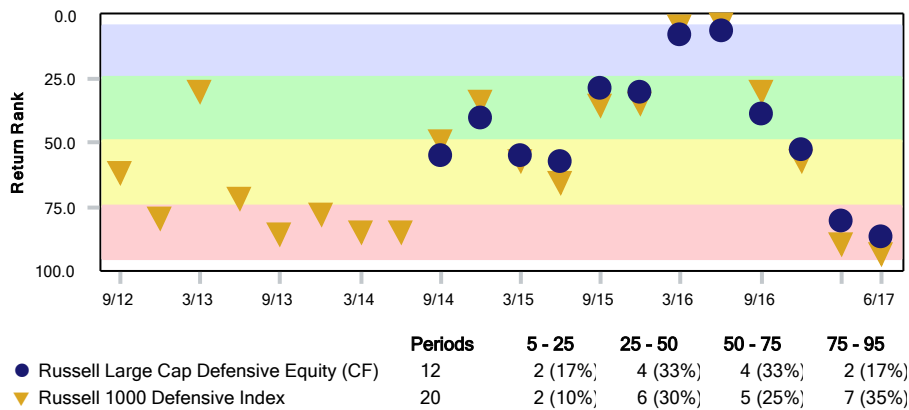
### 3 Years Rolling Percentile Ranking - 5 Years



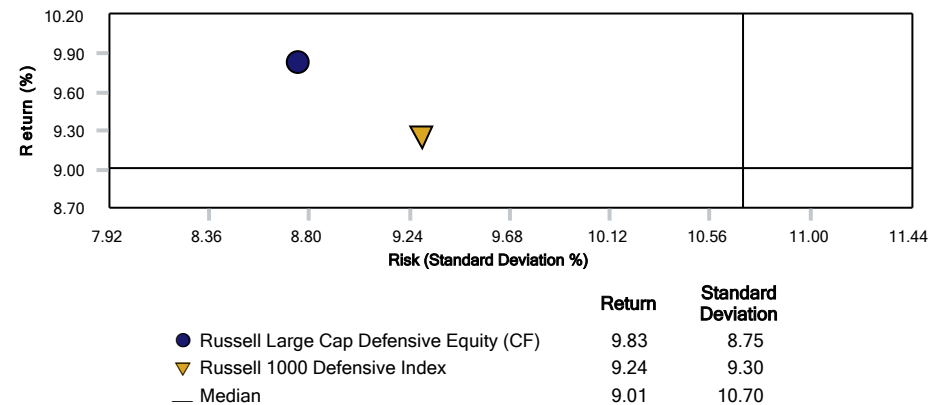
### Growth of a Dollar



### 1 Year Rolling Percentile Ranking - 5 Years



### Peer Group Risk/Reward - 3 Years



### Historical Statistics - 3 Years

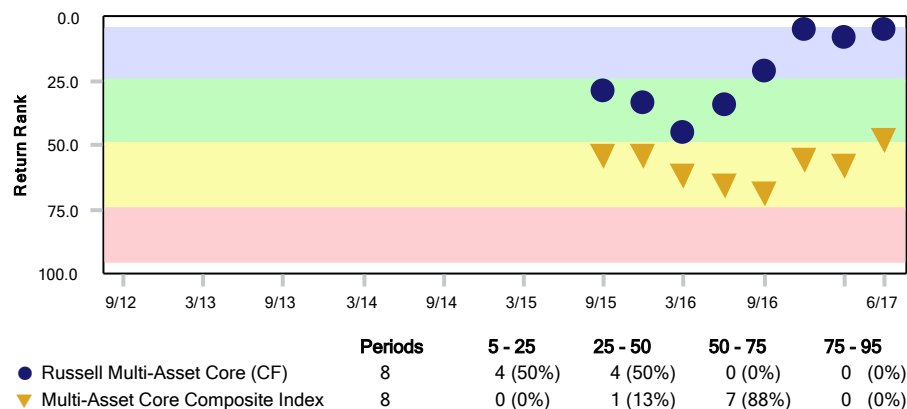
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Large Cap Defensive Equity (CF)	9.83	8.75	1.10	0.94	1.10	86.25	96.43
Russell 1000 Defensive Index	9.24	9.30	0.00	1.00	0.98	100.00	100.00

### Historical Statistics - 1 Year

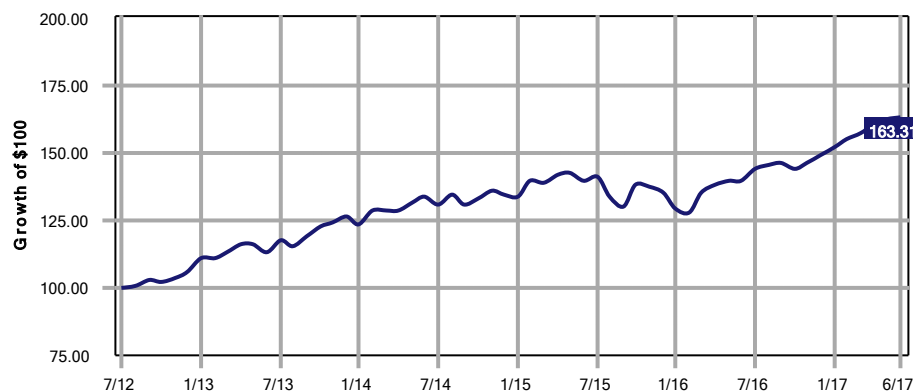
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Large Cap Defensive Equity (CF)	13.69	5.47	3.25	0.89	2.31	58.83	101.93
Russell 1000 Defensive Index	11.38	6.06	0.00	1.00	1.75	100.00	100.00

## Boynton Beach Police Pension Fund Russell Multi-Asset Core (CF) June 30, 2017

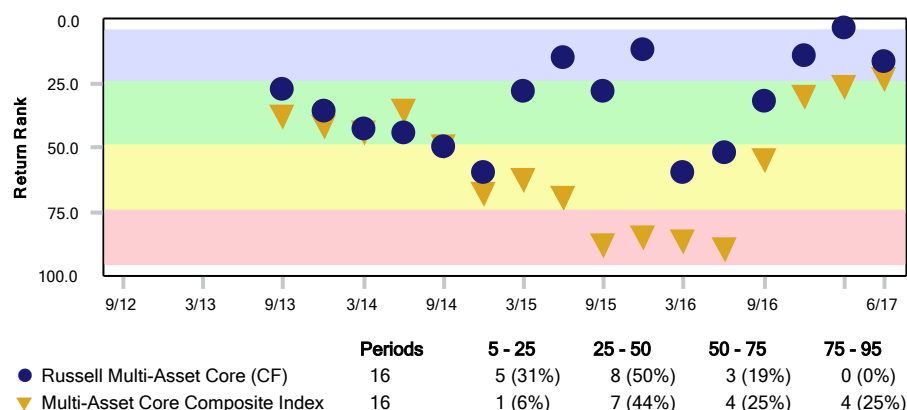
### 3 Years Rolling Percentile Ranking - 5 Years



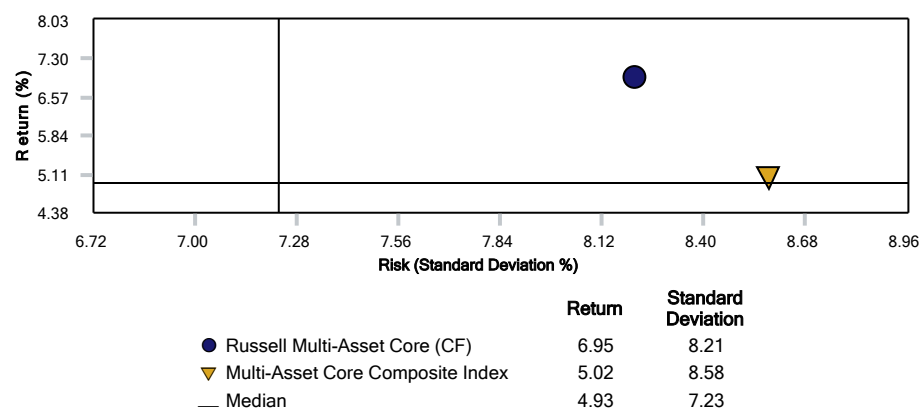
### Growth of a Dollar



### 1 Year Rolling Percentile Ranking - 5 Years



### Peer Group Risk/Reward - 3 Years



### Historical Statistics - 3 Years

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Multi-Asset Core (CF)	6.95	8.21	2.08	0.95	0.84	92.06	107.72
Multi-Asset Core Composite Index	5.02	8.58	0.00	1.00	0.59	100.00	100.00

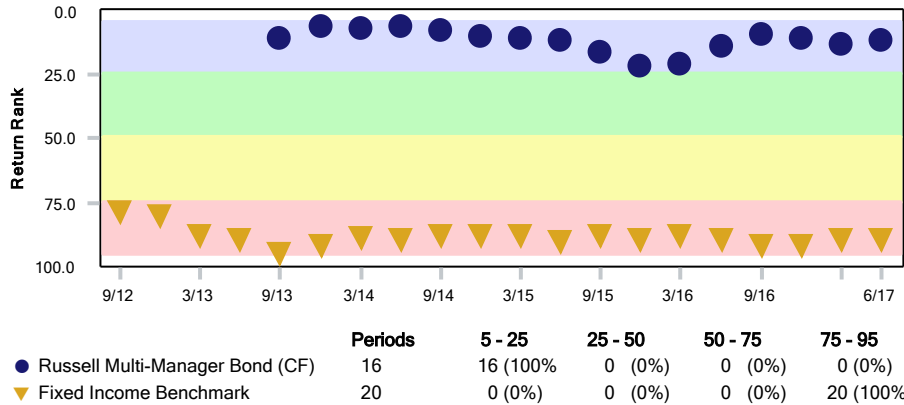
### Historical Statistics - 1 Year

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Multi-Asset Core (CF)	16.61	3.72	1.68	0.91	4.07	100.40	101.86
Multi-Asset Core Composite Index	16.25	4.02	0.00	1.00	3.69	100.00	100.00



**Boynton Beach Police Pension Fund  
Russell Multi-Manager Bond (CF)  
June 30, 2017**

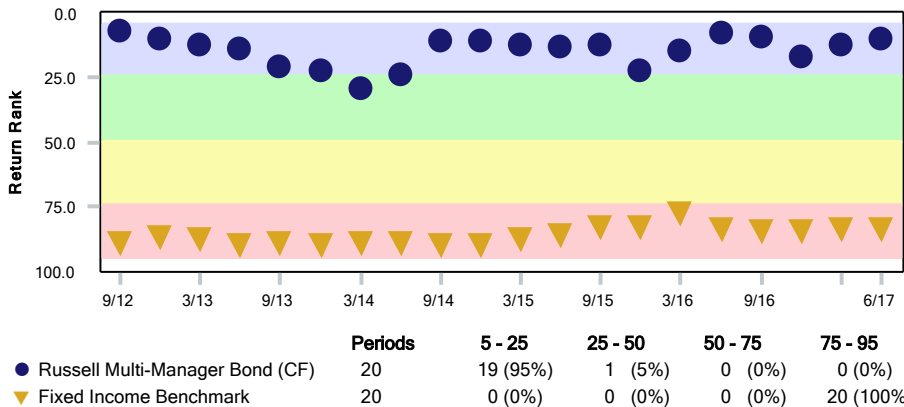
**5 Years Rolling Percentile Ranking - 5 Years**



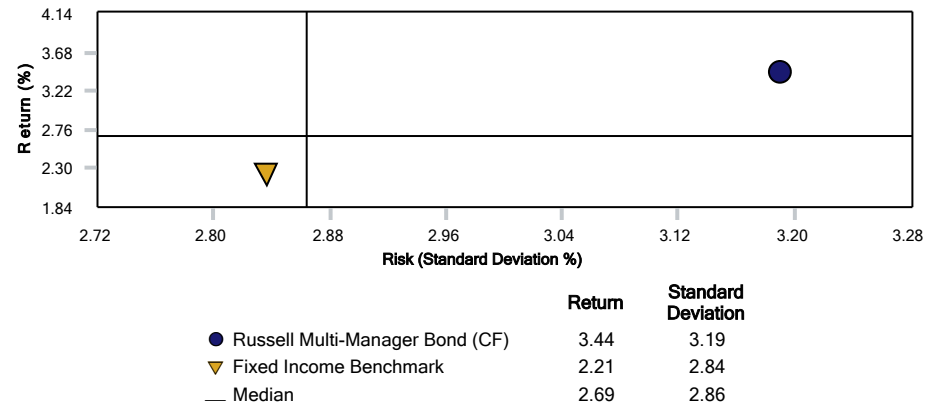
**Growth of a Dollar**



**3 Years Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 5 Years**



**Historical Statistics - 5 Years**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Multi-Manager Bond (CF)	3.44	3.19	1.01	1.09	1.04	95.46	121.97
Fixed Income Benchmark	2.21	2.84	0.00	1.00	0.74	100.00	100.00

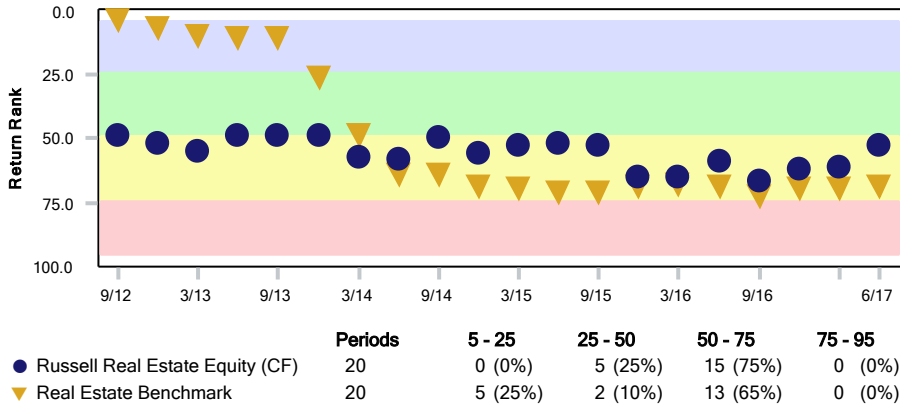
**Historical Statistics - 3 Years**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Multi-Manager Bond (CF)	3.37	3.24	0.66	1.09	0.99	94.83	114.69
Fixed Income Benchmark	2.48	2.86	0.00	1.00	0.80	100.00	100.00

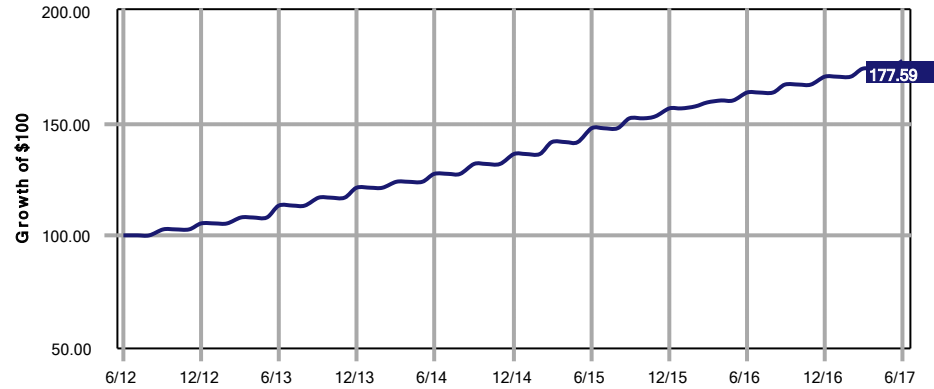


## Boynton Beach Police Pension Fund Russell Real Estate Equity (CF) June 30, 2017

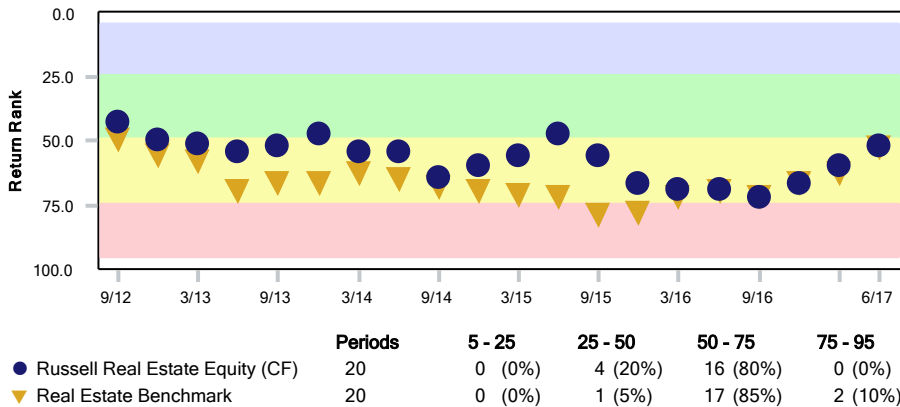
### 5 Years Rolling Percentile Ranking - 5 Years



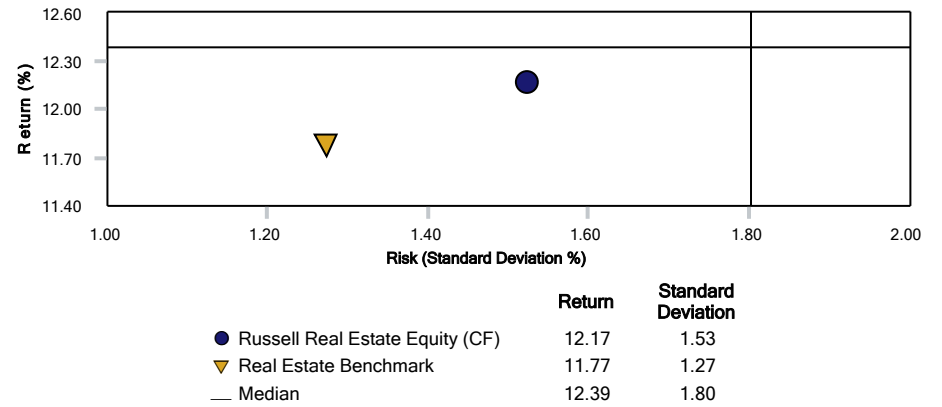
### Growth of a Dollar



### 3 Years Rolling Percentile Ranking - 5 Years



### Peer Group Risk/Reward - 5 Years



### Historical Statistics - 5 Years

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Real Estate Equity (CF)	12.17	1.53	-0.22	1.05	7.26	N/A	103.27
Real Estate Benchmark	11.77	1.27	0.00	1.00	8.29	N/A	100.00

### Historical Statistics - 3 Years

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Real Estate Equity (CF)	11.65	1.59	0.61	0.95	6.54	N/A	100.59
Real Estate Benchmark	11.58	1.48	0.00	1.00	6.92	N/A	100.00





**Boynton Beach Police Pension Fund**  
**Glossary**  
**June 30, 2017**

- ACCRUED INTEREST- Bond interest earned since the last interest payment, but not yet received.
- ALPHA- A linear regressive constant that measures expected return independent of Beta.
- ASSET ALLOCATION- The division of portfolio asset classes in order to achieve an expected investment objective.
- BALANCED UNIVERSES - Public Funds, Endowments & Foundations, Corporate peer groups, and PSN peer groups.
- BETA- A measure of portfolio sensitivity (volatility) in relation to the market, based upon past experience.
- BOND DURATION- A measure of portfolio sensitivity to interest rate risk.
- COMMINGLED FUND- An investment fund which is similar to a mutual fund in that investors are permitted to purchase and redeem units that represent ownership in a pool of securities.
- CONVERTIBLE BONDS - Hybrid securities' that offer equity returns during rising equity markets and improved down-market protection.
- CORE- An equal weighting in both growth and value stocks.
- CORRELATION COEFFICIENT- A measure of how two assets move together. The measure is bounded by +1 and -1; +1 means that the two assets move together positively, while a measure of -1 means that the assets are perfectly negatively correlated.
- GROWTH MANAGER- Generally invests in companies that have either experienced above-average growth rates and/or are expected to experience above-average growth rates in the future. Growth portfolios tend to have high price/earnings ratios and generally pay little to no dividends.
- INDEXES- Indexes are used as "independent representations of markets" (e.g., S&P 500).
- INFORMATION RATIO- Annualized excess return above the benchmark relative to the annualized tracking error.
- LARGE CAP- Generally, the term refers to a company that has a market capitalization that exceeds \$10 billion.
- MANAGER UNIVERSE- A collection of quarterly investment returns from various investment management firms that may be subdivided by style (e.g. growth, value, core).
- MID CAP- Generally, the term refers to a company that has a market capitalization between \$2 and \$10 billion.
- NCREIF - A quarterly time series composite total rate of return measure of investment performance of a large pool of individual commercial real estate properties acquired in the private market for investment purposes only.
- NCREIF ODCE - Open End Diversified Core Equity index which consists of historical and current returns from 26 open-end commingled funds pursuing core strategy. This index is capitalization weighted, time weighted and gross of fees.
- NET- Investment return accounts only for manager fees.
- PROTECTING FLORIDA INVESTMENT ACT (PFIA) - SBA publishes a list of prohibited investments (scrutinized companies).
- RATE OF RETURN- The percentage change in the value of an investment in a portfolio over a specified time period, excluding contributions.
- RISK MEASURES- Measures of the investment risk level, including beta, credit, duration, standard deviation, and others that are based on current and historical data.
- R-SQUARED- Measures how closely portfolio returns and those of the market are correlated, or how much variation in the portfolio returns may be explained by the market. An R2 of 40 means that 40% of the variation in a fund's price changes could be attributed to changes in the market index over the time period.



**Boynton Beach Police Pension Fund**  
**Glossary**  
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- SHARPE RATIO- The ratio of the rate of return earned above the risk-free rate to the standard deviation of the portfolio. It measures the number of units of return per unit of risk.
- SMALL CAP- Generally refers to a company with a market capitalization \$300 million to \$2 billion.
- STANDARD DEVIATION- Measure of the variability (dispersion) of historical returns around the mean. It measures how much exposure to volatility was experienced by the implementation of an investment strategy.
- SYSTEMATIC RISK- Measured by beta, it is the risk that cannot be diversified away (market risk).
- TIME WEIGHTED (TW) RETURN - A measure of the investments versus the investor. When there are no flows the TW & DOLLAR weighted (DW) returns are the same and vice versa.
- TRACKING ERROR- A measure of how closely a manager's performance tracks an index; it is the annualized standard deviation of the differences between the quarterly returns for the manager and the benchmark.
- TREYNOR RATIO- A measure of reward per unit of risk. (excess return divided by beta).
- UP AND DOWN-MARKET CAPTURE RATIO- Ratio that illustrates how a manager performed relative to the market during rising and declining market periods.
- VALUE MANAGER- Generally invests in companies that have low price-to-earnings and price-to-book ratios and/or above-average dividend yields.

**Boynton Beach Police Pension Fund**  
**Disclosure**  
**June 30, 2017**

Advisory services are offered through or by Burgess Chambers and Associates, Inc., a registered SEC investment advisor.

Performance Reporting:

- 1.Changes in portfolio valuations due to capital gains or losses, dividends, interest, income and management fees are included in the calculation of returns. All calculations are made in accordance with generally accepted industry standards.
- 2.Transaction costs, such as commissions, are included in the purchase cost or deducted from the proceeds or sale of a security. Differences in transaction costs may affect comparisons.
- 3.Individual client returns may vary due to a variety of factors, including differences in investment objectives, asset allocating and timing of investment decisions.
- 4.Performance reports are generated from information supplied by the client, custodian, and/or investment managers. BCA relies upon the accuracy of this data when preparing reports.
- 5.The market indexes do not include transaction costs, and an investment in a product similar to the index would have lower performance dependent upon costs, fees, dividend reinvestments, and timing. Benchmarks and indexes are for comparison purposes only, and there is no assurance or guarantee that such performance will be achieved.
- 6.Performance information prepared by third party sources may differ from that shown by BCA. These differences may be due to different methods of analysis, different time periods being evaluated, different pricing sources for securities, treatment of accrued income, treatment of cash, and different accounting procedures.
- 7.Certain valuations, such as alternative assets, ETF, and mutual funds, are prepared based on information from third party sources, the accuracy of such information cannot be guaranteed by BCA. Such data may include estimates and maybe subject to revision.
- 8.BCA has not reviewed the risks of individual security holdings.
- 9.BCA investment reports are not indicative of future results.
10. Performance rankings are time sensitive and subject to change.
11. Mutual Fund (MF) and ETF returns are presented net of fees and ranked in net of fee universes.
12. Separately Managed Account (SMA) and Commingled Fund (CF) returns are presented gross of fees and ranked in gross of fees universes.
13. Composite returns are reported gross of fees and ranked in universes that encompass both gross and net of fee returns.
14. Total Fund returns are presented gross of fees and ranked in a gross of fee universe.
15. For a free copy of Part II (mailed w/i 5 bus. days from request receipt) of Burgess Chambers & Associates, Inc.'s most recent Form ADV which details pertinent business procedures, please contact: 407-644-0111, [info@burgesschambers.com](mailto:info@burgesschambers.com), 315 East Robinson Street Suite #690, Orlando, Florida 32801.

