

# Burgess Chambers & Associates, Inc.

## Institutional Investment Advisors

www.burgesschambers.com

March 31, 2017

## **Boynton Beach Police Pension Fund**

Investment Performance Period Ending March 31, 2017



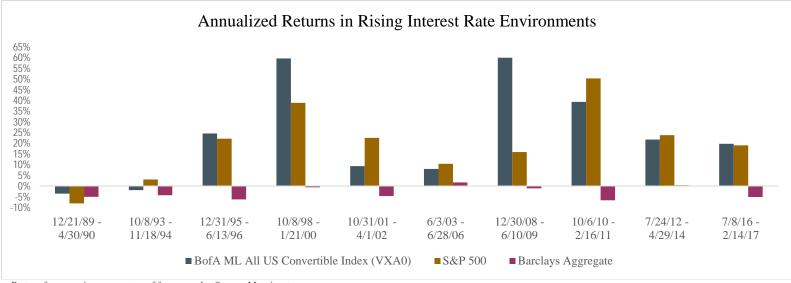
#### Boynton Beach Police Pension Fund BCA Market Perspective © Why Own Convertible Bonds?

#### Larry M. Cole April 2017

With the stock market continuing its impressive run pushing valuations to higher levels and rising interest rates putting pressure on bond prices, investors are left wondering where to turn. Part of the answer may lie in an often-overlooked asset class - convertible bonds. These hybrid securities combine bond-like features with the potential for stock market gains. Like traditional bonds, they typically offer fixed interest payments with the promise to repay the principal at a stated maturity date. But they also give investors the option of converting the bond into a predetermined amount of the issuer's stock.

Ideally, you would expect a convertible bond to behave more like a stock when stocks go up and more like a bond when stocks go down. If the underlying stock is trading well above the conversion price, the convertible will perform similar to the shares of that stock. If the stock is trading well below the conversion price, the conversion feature has little or no value and the convertible will trade more like a bond. Due to these unique characteristics, these "hybrid" securities can add diversification and help reduce the volatility in a balanced portfolio.

As you can see in the chart below, while convertibles aren't immune to rising rates, their ties to equity prices have helped them weather interest-rate hikes relatively well. In addition, rising rates may be the catalyst for additional issuance of convertibles as we have already seen 34 new issues in the U.S. totaling over \$11 billion in the first quarter of 2017 (Financial Times 4/5/17).

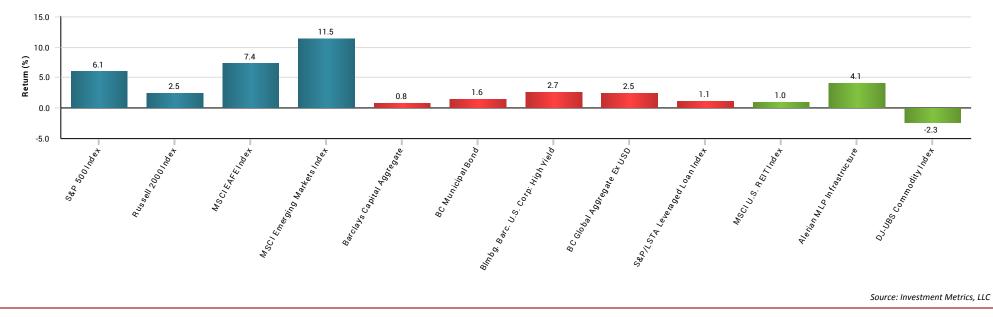


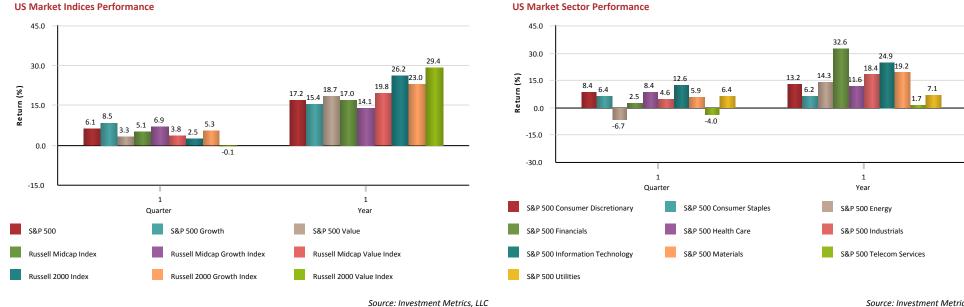
Past performance is no guarantee of future results. Source: Morningstar.

Disclosure: All expressions of opinion reflect the judgment of the author as of the date of publication and are subject to change. Content should not be regarded as a complete analysis of the subjects discussed or as personalized investment advice. All investment strategies have the potential for profit or loss. References to market performance in publications do not represent the returns achieved by Burgess Chambers & Associates or any of its advisory clients.

## **Quarterly Market Summary**

**1** Quarter Performance



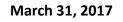


#### **US Market Sector Performance**

Source: Investment Metrics, LLC

BCA

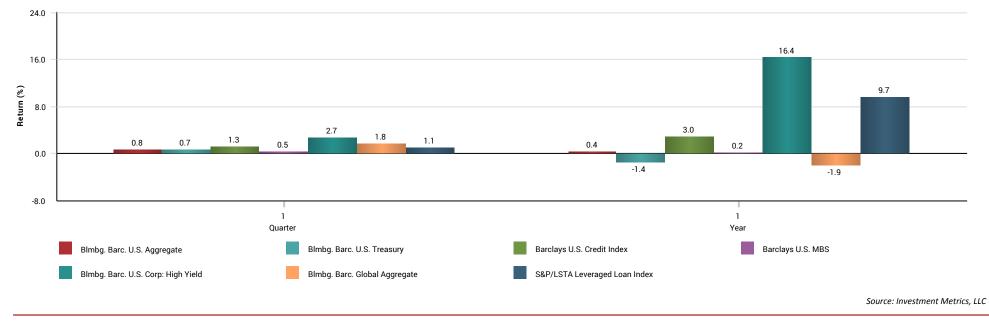
Copyright © 2017 II



## **Quarterly Market Summary**

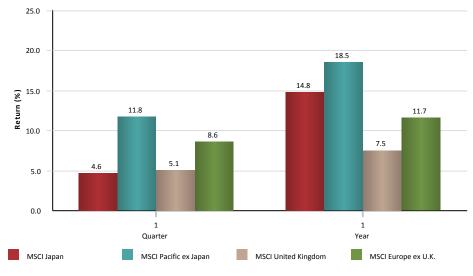
March 31, 2017

#### **Fixed Income Market Sector Performance**





Intl Equity Region Performance



Source: Investment Metrics, LLC

Source: Investment Metrics, LLC

Copyright © 2017 II



#### Boynton Beach Police Pension Fund Total Fund Investment Summary March 31, 2017

• The momentum of *Trumponomics* carried the S&P 500 Index toward new highs in February 2017. U.S. 10-year treasury yield fluctuated between 2.3% and 2.6%, however the rate has fallen since the Federal Reserve raised the Fed Funds target by one-quarter point in March, as investors repriced growth assumptions.



- For the quarter, the Fund experienced an investment gain of +3.9% gross (or +3.7% net; +\$3.5 million), behind the Policy Benchmark (+4.1%). The best performing asset category was the Large Cap Defensive Equity fund (+5.6%).
- For the one-year period, the Fund earned \$9.1 million or +11.0% gross (+10.1% net). This exceeded the Policy Benchmark by approximately 1.0% and ranked in the top 49th percentile. The best performing asset category for the one-year period was the Russell Multi-Asset Core Fund (+16.2%).
- For the three-year period, the Fund earned \$17.3 million or +7.2% (+6.4% net) and ranked in the top 2nd percentile. These results were well ahead of the Policy Benchmark (+5.6%).
- For the five-year period, the Fund ranked in the top 27th percentile and earned \$30.5 million or +8.3% (+7.5% net), ahead of the Policy Benchmark (+7.3%).

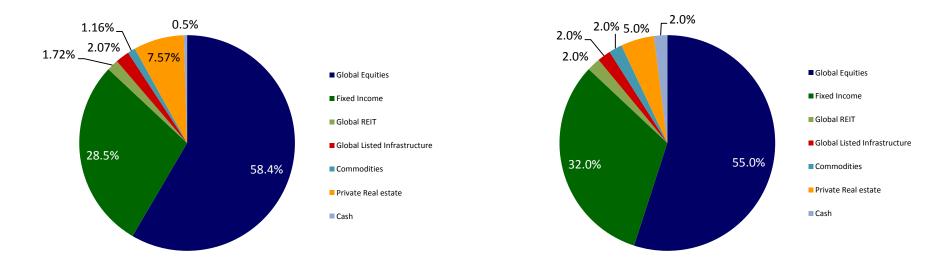
#### Boynton Beach Police Pension Fund Total Fund Investment Policy Review March 31, 2017

The Total Fund's annualized three-year performance achieved the Policy Benchmark. The Total Fund's annualized three-year performance ranked in the top 40th percentile of the universe. The Total Fund's annualized three-year performance achieved the +7.5% actuarial assumption rate (Actual: +7.2%). The Total Fund's annualized five-year performance achieved the Policy Benchmark. The Total Fund's annualized five-year performance ranked in the top 40th percentile of the universe. The Total Fund's annualized five-year performance ranked in the top 40th percentile of the universe. The Total Fund's annualized five-year performance achieved the +7.5% actuarial assumption rate.	$     \underline{Yes} \\                                    $	
Russell Large Cap Defensive Equity annualized three-year performance achieved the multi-asset benchmark.	$\square$	
Multi Asset Core annualized three-year performance achieved the multi-asset benchmark.	$\boxtimes$	
Multi Mgr Bonds annualized three-year performance achieved the fixed income benchmark. Multi Mgr Bonds annualized three-year performance ranked in the top 40th percentile of the universe. Multi Mgr Bonds annualized five-year performance achieved the fixed income benchmark. Multi Mgr Bonds annualized five-year performance ranked in the top 40th percentile of the universe (Actual: 45th).		
Real Estate Equity's annualized three-year performance achieved the real estate benchmark. Real Estate Equity's annualized five-year performance achieved the real estate benchmark.	$\boxtimes$	
PFIA Compliant Investments in equity securities were <b>58.4%</b> which did not exceed 70% of Fund's assets at market value. Foreign equity investments were <b>20.5%</b> (at market) and did not exceed the 25% of the total Fund's assets at market. Asset allocation among fixed income was <b>28.5%</b> (at market) within the 30% minimum limitation. Asset allocation among alternatives was <b>12.5%</b> (at market) within the 20% maximum limitation.	$\mathbb{X} \mathbb{X} \mathbb{X}$	

## Boynton Beach Police Pension Fund Investment Performance - Net March 31, 2017

	Quarter	<u>One Year</u>	Three Years	Five Years
Beginning Market Value	90,060,300	83,450,040	75,731,397	61,323,655
Contributions	-1,286,926	-240,168	-756,788	459,280
Gain/Loss	3,506,661	9,070,164	17,305,427	30,497,100
Ending Market Value	92,280,036	92,280,036	92,280,036	92,280,036
Total Fund (%)	3.7	10.1	6.4	7.5
Policy Benchmark (%)	4.1	10.0	5.6	7.3

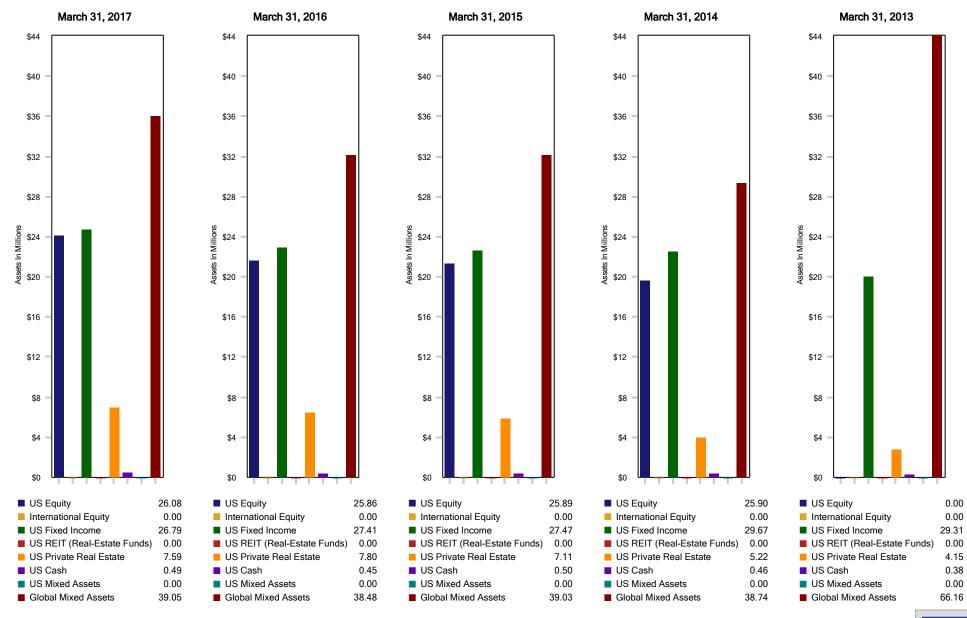
#### Boynton Beach Police Pension Fund Total Fund March 31, 2017 Actual vs. Target Asset Allocation



	MV (\$)	Current	Target	Difference
Global Equities	\$ 53,917,268	58.4%	55.0%	3.4%
Fixed Income	\$ 26,336,584	28.5%	32.0%	-3.5%
Global REIT	\$ 1,591,227	1.72%	2.0%	-0.3%
<b>Global Listed Infrastructure</b>	\$ 1,909,856	2.07%	2.0%	0.1%
Commodities	\$ 1,067,863	1.16%	2.0%	-0.8%
Private Real estate	\$ 6,984,777	7.57%	5.0%	2.6%
Cash	\$ 453,247	0.5%	2.0%	-1.5%
Total	92,260,823	100.0%	100.0%	0.0%

Total International = 18.3% (This calculation includes foreign equity, REIT, listed infrastructure, and fixed income)

#### Boynton Beach Police Pension Fund Historical Asset Allocation March 31, 2017



BCA

#### Boynton Beach Police Pension Fund Asset Allocation & Performance March 31, 2017

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
Total Fund	92,280,036	3.9 (79)	11.0 (49)	7.2 (2)	8.3 (27)
Policy Benchmark		4.1	10.0	5.6	7.3
Russell Large Cap Defensive Equity (CF)	24,065,600	5.6	13.7	10.2	N/A
Russell 1000 Index		6.0	17.4	10.0	13.3
Russell Multi-Asset Core (CF)	36,032,536	5.2	16.2	6.9	N/A
Multi-Asset Core Composite Index		5.2	14.3	5.2	N/A
Russell Multi-Manager Bond (CF)	24,724,662	1.2 (48)	2.0 (50)	3.5 (38)	3.5 (45)
Fixed Income Benchmark		0.8	0.4	2.7	2.3
Russell Real Estate Equity (CF)	7,003,985	1.7	8.7	11.9	12.2
Real Estate Benchmark		1.8	8.6	12.0	12.0
Russell ST Inv Cash Sweep (CF)	453,252	0.1	0.2	0.1	0.1
BofA Merrill Lynch 3 Month U.S. T-Bill		0.1	0.4	0.2	0.1

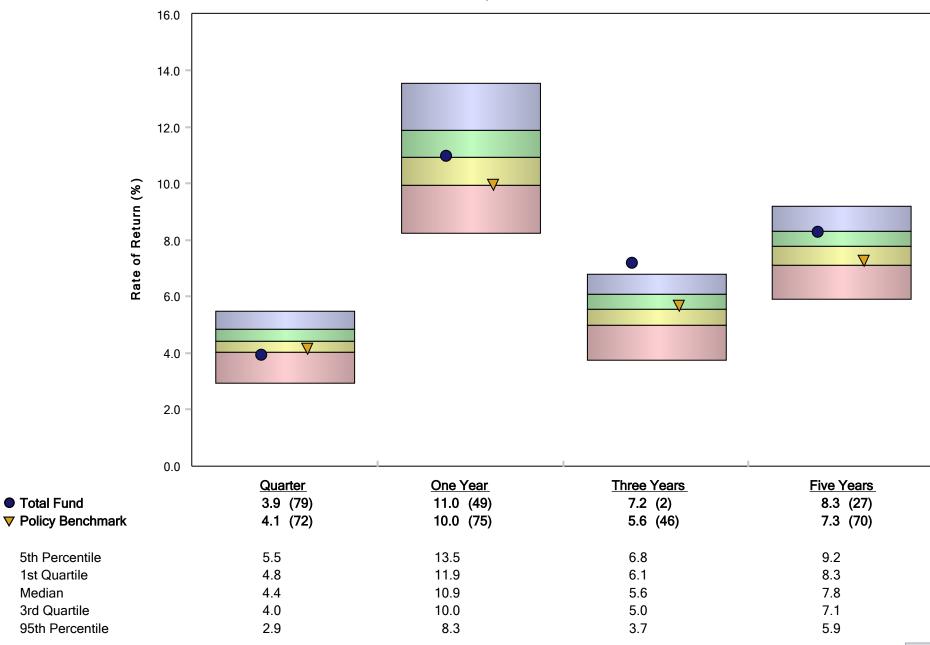
**1 Policy Benchmark (IPS hybrid benchmark objective):** March '14 is 30% MSCI ACWI + 25% Russell 1000 + 32% BC Aggregate + 2% NAREIT + 2% S&P Global Infrastructure Index + 5% NCREIF ODCE EQ (NFI ODCE EQ) + 2% DJ UBS Commodities + 2% ML 3M T-Bills; prior from May'13 48% MSCI ACWI + 35% BC Aggregate + 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 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 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% 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 March 31, 2017

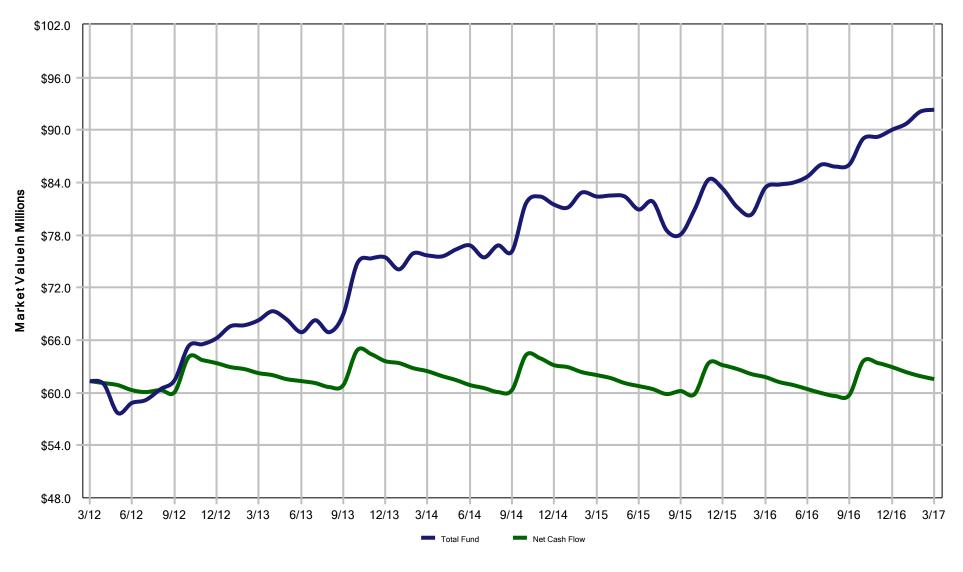


Parentheses contain percentile rankings.

Calculation based on quarterly data.

Median

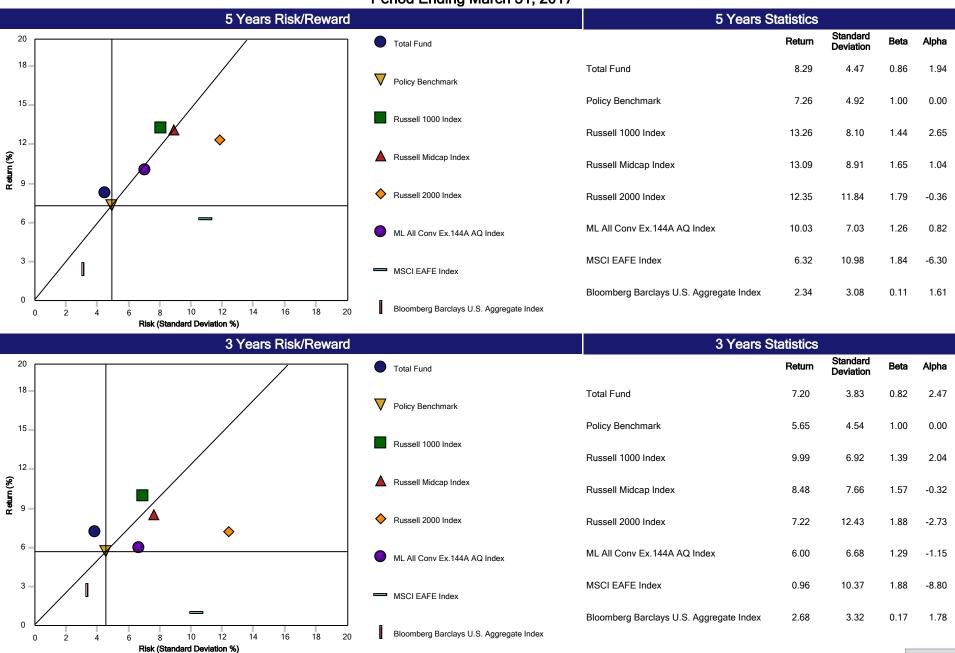
### Boynton Beach Police Pension Fund Growth of Investments April 1, 2012 Through March 31, 2017



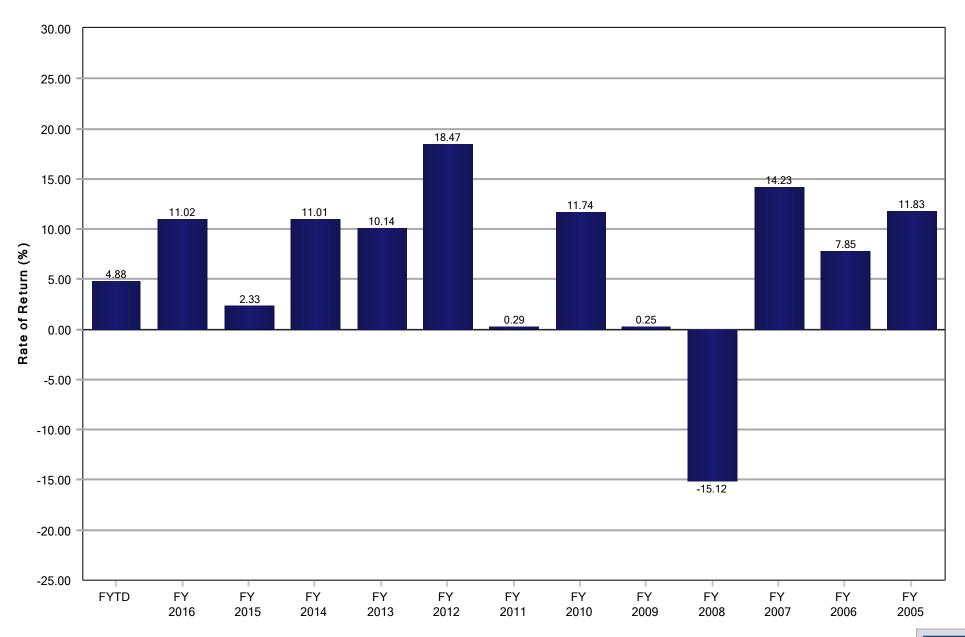
 Beginning MV
 Ending MV
 Annualized ROR

 \$61,323,655
 \$92,280,036
 8.3

#### Boynton Beach Police Pension Fund Capital Market Line Period Ending March 31, 2017

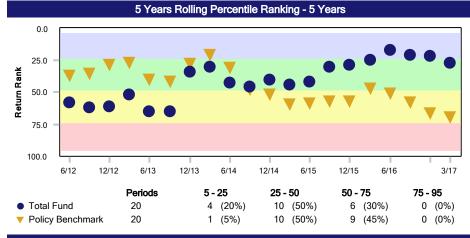


#### Boynton Beach Police Pension Fund Fiscal Year Rates of Return March 31, 2017

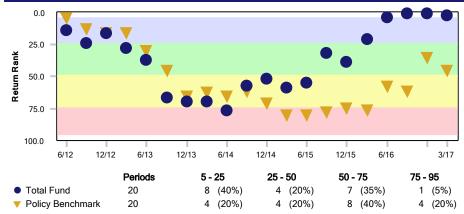


BCA

#### Boynton Beach Police Pension Fund Total Fund March 31, 2017

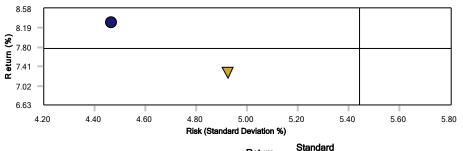


#### 3 Years Rolling Percentile Ranking - 5 Years



#### Growth of a Dollar 160.00 148.95 140.00 Growth of \$100 120.00 100.00 80.00 3/12 9/12 3/14 9/14 3/15 9/15 9/16 3/17 3/13 9/13 3/16

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

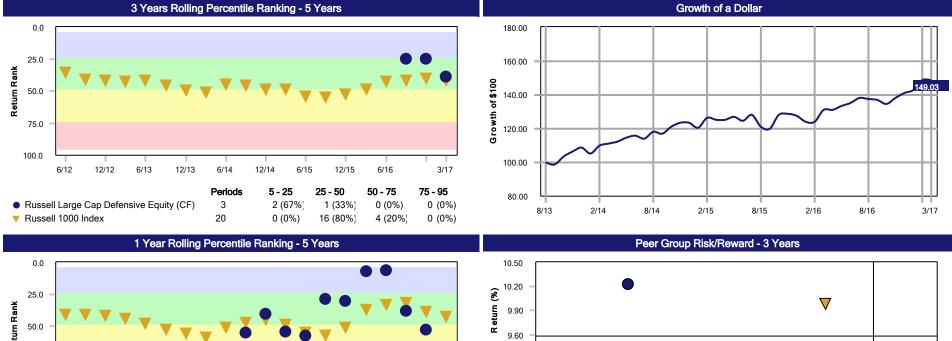


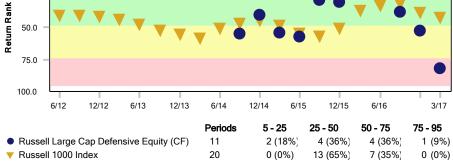
	Return	Deviation
Total Fund	8.29	4.47
Policy Benchmark	7.26	4.92
Median	7.78	5.44

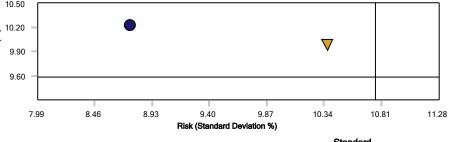
	HISTORICAL Statistics - 5 Years						
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Total Fund	8.29	4.47	1.94	0.86	1.80	74.00	105.79
Policy Benchmark	<i>7.26</i>	<i>4.92</i>	0.00	1.00	1.44	100.00	100.00

Historical Statistics - 3 Years							
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Total Fund	7.20	3.83	2.47	0.82	1.82	58.36	109.70
Policy Benchmark	5.65	4.54	0.00	1.00	1.22	100.00	100.00

#### **Boynton Beach Police Pension Fund** Russell Large Cap Defensive Equity (CF) March 31, 2017







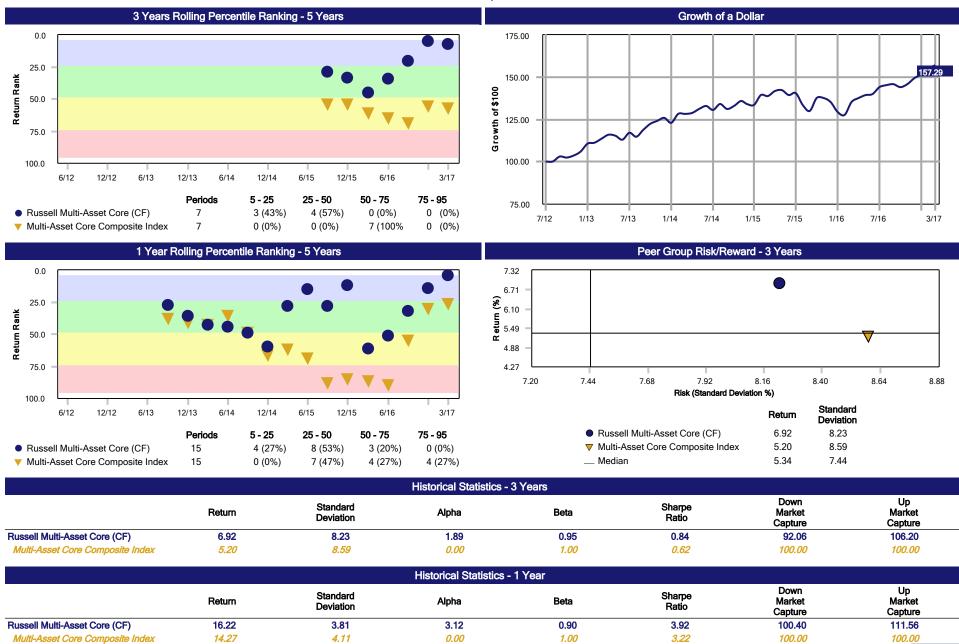
	Return	Standard Deviation
<ul> <li>Russell Large Cap Defensive Equity (CF)</li> </ul>	10.23	8.75
▼ Russell 1000 Index	9.99	10.37
Median	9.59	10.76

**Historical Statistics - 3 Years** 

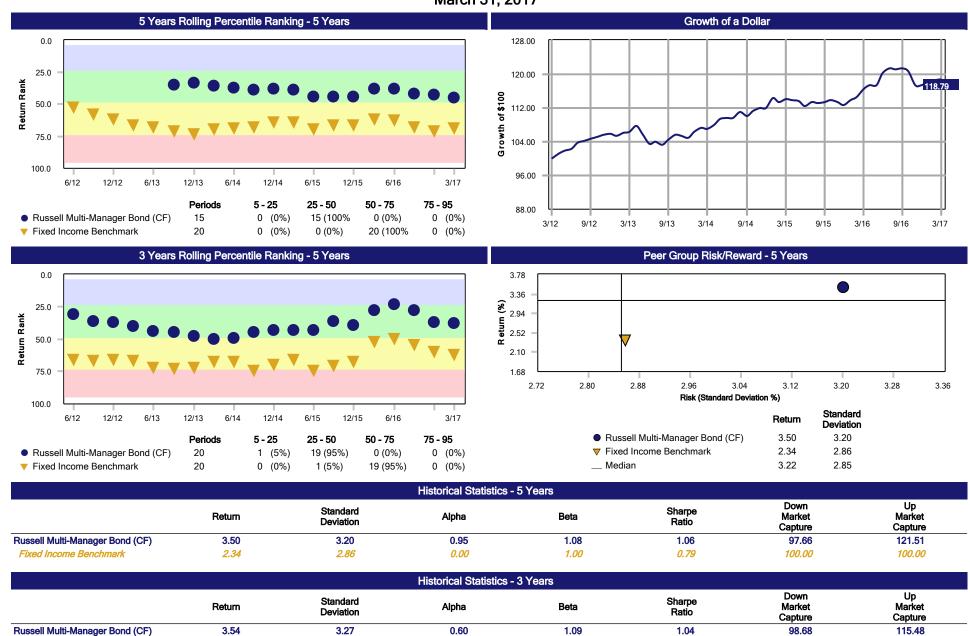
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Large Cap Defensive Equity (CF)	10.23	8.75	1.92	0.82	1.15	74.63	88.33
Russell 1000 Index	<i>9.99</i>	<i>10.37</i>	0.00	1.00	<i>0.96</i>	100.00	100.00

Historical Statistics - 1 Year							
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Large Cap Defensive Equity (CF)	13.73	5.49	-0.44	0.83	2.34	92.14	81.29
Russell 1000 Index	<i>17.43</i>	<i>6.13</i>	0.00	1.00	2.62	100.00	100.00

#### Boynton Beach Police Pension Fund Russell Multi-Asset Core (CF) March 31, 2017



#### Boynton Beach Police Pension Fund Russell Multi-Manager Bond (CF) March 31, 2017



BCA

100.00

100.00

1.00

0.88

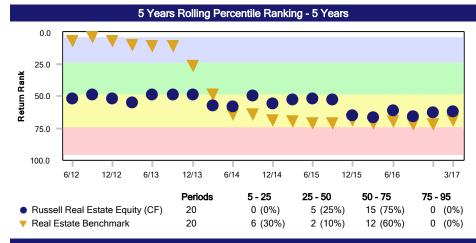
0.00

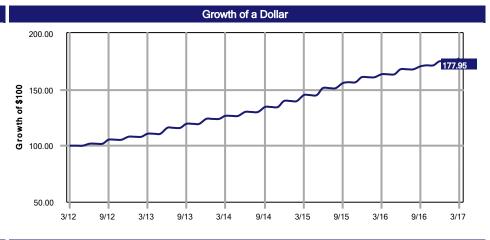
2.90

2.68

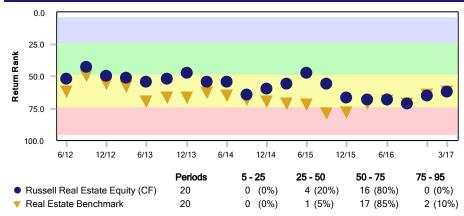
Fixed Income Benchmark

#### Boynton Beach Police Pension Fund Russell Real Estate Equity (CF) March 31, 2017

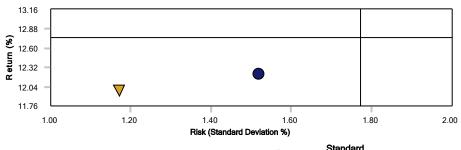




#### 3 Years Rolling Percentile Ranking - 5 Years



Peer Group Risk/Reward - 5 Years



	Return	Deviation
<ul> <li>Russell Real Estate Equity (CF)</li> </ul>	12.22	1.52
Real Estate Benchmark	11.98	1.17
Median	12.75	1.77

Historical Statistics - 5 Years

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Russell Real Estate Equity (CF)	12.22	1.52	-1.35	1.14	7.44	N/A	101.94
Real Estate Benchmark	<i>11.98</i>	1.17	0.00	1.00	<i>9.36</i>	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)	11.95	1.58	-0.40	1.03	6.92	N/A	99.95
Real Estate Benchmark	<i>11.96</i>	1.34	0.00	1.00	<i>8.11</i>	N/A	100.00

#### Boynton Beach Police Pension Fund Glossary March 31, 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 March 31, 2017

-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 March 31, 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, 315 East Robinson Street Suite #690, Orlando, Florida 32801.

## 

315 East Robinson Street, Suite 690, Orlando, Florida 32801 P: 407-644-0111 F: 407-644-0694