

Burgess Chambers & Associates, Inc.

Institutional Investment Advisors

www.burgesschambers.com

September 30, 2019

Boynton Beach Police Pension Fund

Investment Performance Period Ending September 30, 2019



Boynton Beach Police Pension Fund Total Fund Investment Summary September 30, 2019

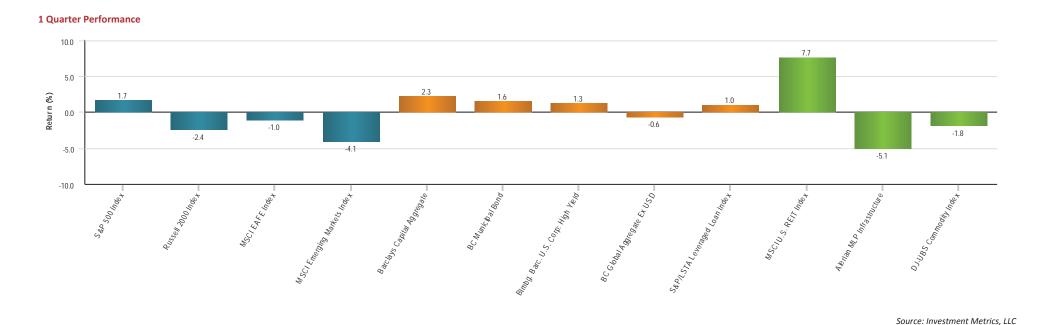
Headline news continued to drive market volatility during the third quarter. Highlights were: U.S. Fed cutting short-term rates, stimulus measures by the Chinese government, and quantitative easing by the European Central Bank. All actions mentioned are designed to prevent a recession.

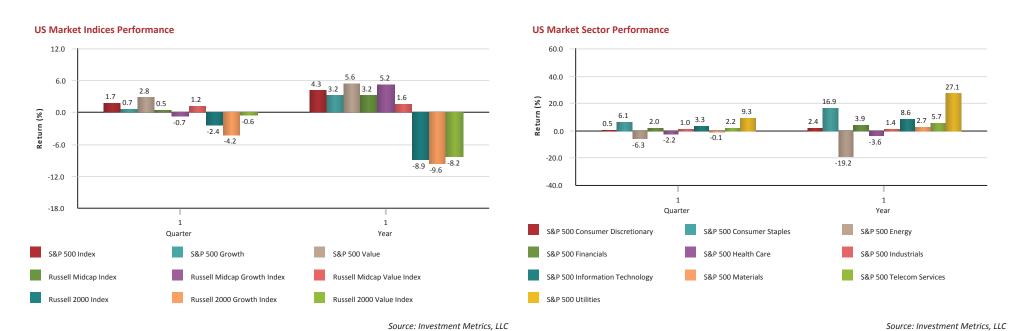
U.S. markets remained resilient, however not all categories outperformed. Large cap stocks gained 1.7% while small cap stocks lost more than 2.4%. The worst performing sectors were healthcare and energy.

	3Q 2019		
	Value	Blend	Growth
Large	1.4%	1.7%	1.5%
Mid	1.2%	0.5%	-0.7%
Small	-0.6%	-2.4%	-4.2%

- For the quarter, the Fund was up 1.3% gross (or +1.1% net; \$1.3 million), similar to the Policy Benchmark (+1.3%). The best performing asset category was the Russell Multi-Manager Bond fund (+2.7%).
- For the Fiscal-year, the Fund experienced a market-based gain of \$6.1 million or +6.1% gross (+5.3% net), in line with the Policy Benchmark (+6.0%). These results ranked in the top 12th percentile. The best performing asset category was the Russell Multi-Manager Bond fund (+11.8%).
- For the three and five-year periods, the Fund earned +7.3% and +6.7% net, respectively.
- September 2019: The 2018 Florida Premium Tax Distribution in the amount of \$861,862 was received. Russell automatically allocated the contribution in the following manner: \$705,946 to the Russell Multi Asset Core Fund and \$155,916 to the Russell Large Cap Defensive Equity Fund.

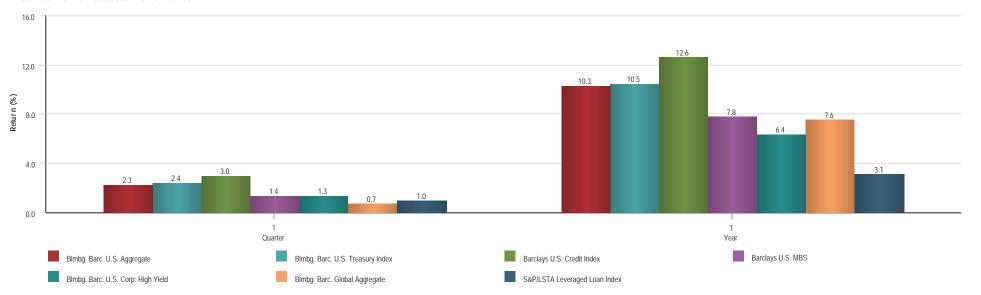
Quarterly Market Summary September 30, 2019





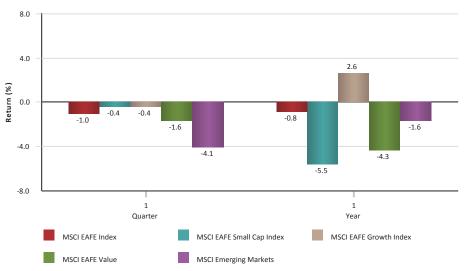
Quarterly Market Summary September 30, 2019

Fixed Income Market Sector Performance

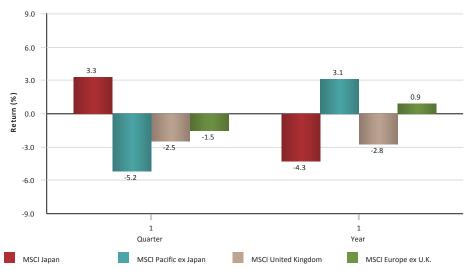


Source: Investment Metrics, LLC

Intl Equity Indices Performance



Intl Equity Region Performance



Source: Investment Metrics, LLC

Source: Investment Metrics, LLC

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Boynton Beach Police Pension Fund Total Fund Investment Policy Review September 30, 2019

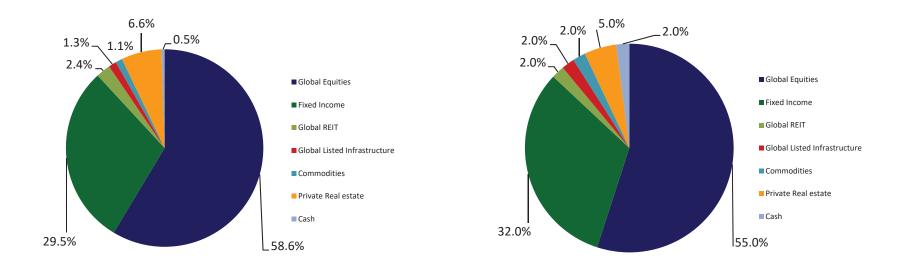
Total Fund annualized three-year performance achieved the Policy Benchmark. Total Fund annualized three-year performance ranked in the top 40th percentile of the universe (Actual: 41st). Total Fund annualized three-year performance (gross) achieved the +7.25% actuarial assumption rate. Total Fund annualized five-year performance achieved the Policy Benchmark. Total Fund annualized five-year performance ranked in the top 40th percentile of the universe. Total Fund annualized five-year performance (gross) achieved the +7.25% actuarial assumption rate.	<u>Yes</u> □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	<u>No</u> □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
Russell Large Cap Defensive Equity annualized three-year performance achieved the Russell 1000 benchmark. Russell Large Cap Defensive Equity annualized five-year performance achieved the Russell 1000 benchmark.		
Multi Asset Core annualized three-year performance achieved the multi-asset benchmark. Multi Asset Core annualized five-year performance achieved the multi-asset benchmark.		
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 (Actual: 49th). 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.		
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 58.6% which did not exceed 70% of Fund's assets at market value. Foreign equity investments were 19.8% (at market) and did not exceed the 25% of the total Fund's assets at market. Asset allocation among fixed income was 29.5% (at market) within the 25% minimum limitation. Asset allocation among alternatives was 11.4% (at market) within the 20% maximum limitation.		

Boynton Beach Police Pension Fund Investment Performance - Net September 30, 2019

	<u>Quarter</u>		Three Years	Five Years	
Beginning Market Value	107,029,867	101,897,895	86,039,124	76,153,463	
beginning warker value	107,029,007	101,037,033	00,039,124	70, 155,405	
Contributions	-1,351,581	-967,719	-1,802,061	-2,379,330	
Gain/Loss	1,344,850	6,092,961	22,786,073	33,249,004	
Ending Market Value	107,023,136	107,023,136	107,023,136	107,023,136	
Total Fund (%)	1.1	5.3	7.3	6.7	
Policy Benchmark (%)	1.3	6.0	8.1	6.7	



Boynton Beach Police Pension Fund Actual vs. Target Asset Allocation September 30, 2019

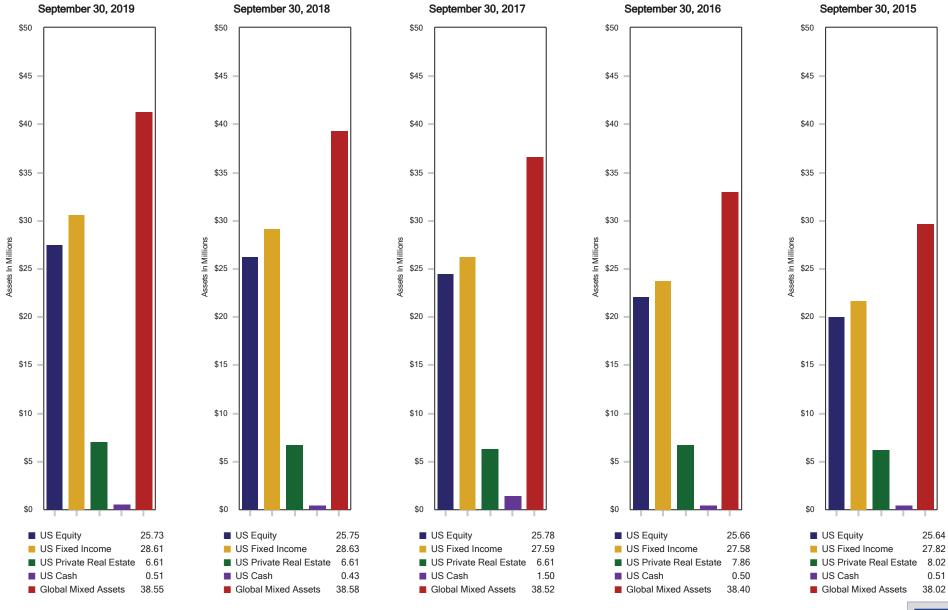


	MV (\$)	Current	Target	Difference
Global Equities	\$ 62,720,744	58.6%	55.0%	3.6%
Fixed Income	\$ 31,601,529	29.5%	32.0%	-2.5%
Global REIT	\$ 2,516,828	2.4%	2.0%	0.4%
Global Listed Infrastructure	\$ 1,370,423	1.3%	2.0%	-0.7%
Commodities	\$ 1,194,394	1.1%	2.0%	-0.9%
Private Real estate	\$ 7,071,372	6.6%	5.0%	1.6%
Cash	\$ 547,847	0.5%	2.0%	-1.5%
Total	107,023,137	100.0%	100.0%	0.0%

Total International = 19.8% (This calculation includes foreign equity, REIT, listed infrastructure, and fixed income)



Boynton Beach Police Pension Fund Historical Asset Allocation September 30, 2019





Boynton Beach Police Pension Fund Asset Allocation & Performance - Gross September 30, 2019

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
Total Fund	107,023,136	1.3 (16)	6.1 (12)	8.2 (41)	7.5 (7)
Policy Benchmark		1.3	6.0	8.1	6.7
Russell Large Cap Defensive Equity (CF)	27,534,885	2.6	5.9	12.8	10.9
Russell 1000 Index		1.4	3.9	13.2	10.6
Russell 1000 Defensive Index		3.1	11.5	14.8	12.0
Russell Multi-Asset Core (CF)	41,252,626	-0.7	1.8	8.5	7.3
Multi-Asset Core Composite Index		8.0	3.7	8.7	6.3
Russell Multi-Manager Bond (CF)	30,616,407	2.7 (5)	11.8 (5)	3.4 (51)	4.0 (27)
Fixed Income Benchmark		2.3	10.3	2.9	3.4
Russell Real Estate Equity (CF)	7,071,372	1.6	6.4	7.9	9.7
Real Estate Benchmark		1.3	6.1	7.6	9.6
Russell ST Inv Cash Sweep (CF)	547,847	0.3	5.7	2.3	1.4
ICE BofAML 3 Month U.S. T-Bill		0.6	2.4	1.5	1.0



Boynton Beach Police Pension Fund Asset Allocation & Performance - Net September 30, 2019

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
Total Fund	107,023,136	1.1	5.3	7.3	6.7
Policy Benchmark		1.3	6.0	8.1	6.7
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ICE BofAML 3 Month U.S. T-Bill		0.6	2.4	1.5	1.0

¹ Policy Benchmark (IPS hybrid benchmark objective): Since 07/2019 is 30% MSCI ACWI + 25% Russell 1000 + 32% BC Aggregate + 2% NAREIT + 2% S&P Global Infrastructure Index + 5% NCREIF Open-End Diversified Core Equity + 2% DJ UBS Commodities + 2% ML 3M T-Bills; prior from 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 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 Govt/Credit.

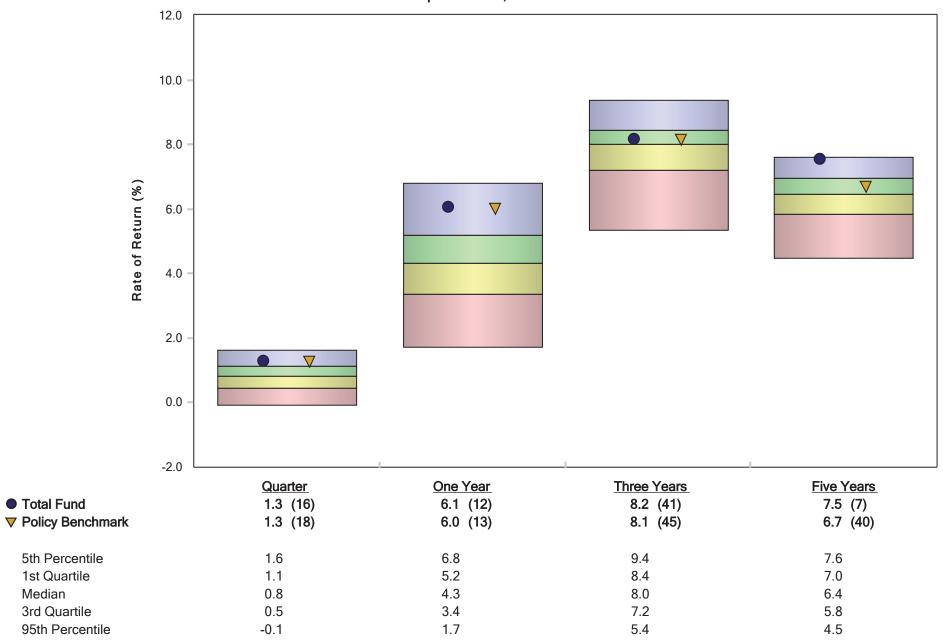


² The Multi-Asset Core Composite Benchmark: 75.0% Russell World Cap 50% Hedged Net Index / 5.0% Bloomberg Commodity Index / 5.0% FTSE EPRA/NAREIT Developed Real Estate Index (Net) / 5.0% S&P Global Infrastructure Index Net / 7.0% Barclays U.S. Aggregate Bond Index / 3.0% Barclays U.S. 1-3 Month Treasury 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: Since July 2019 is 100% NCREIF Open-End Diversified Core Equity; prior from Sept'09 was 100% NCREIF ODCE EQ (NFI ODCE EQ); prior was 100% NCREIF Index.

Boynton Beach Police Pension Fund Peer Universe Quartile Ranking September 30, 2019



Parentheses contain percentile rankings.

Calculation based on quarterly data.

Total Fund

5th Percentile

1st Quartile

3rd Quartile

95th Percentile

Median



Boynton Beach Police Pension Fund Growth of Investments October 1, 2014 Through September 30, 2019

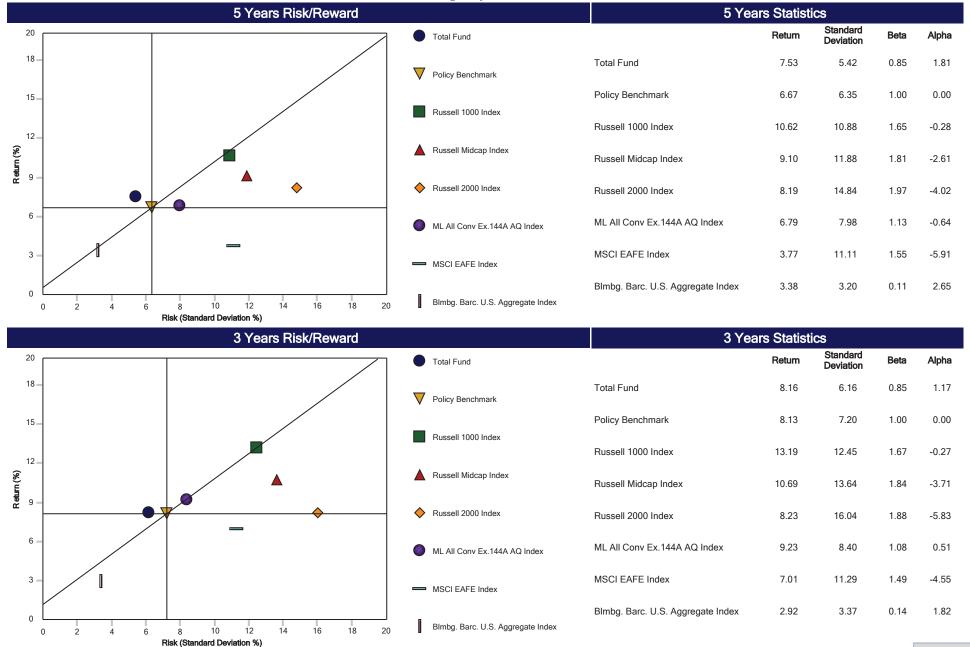






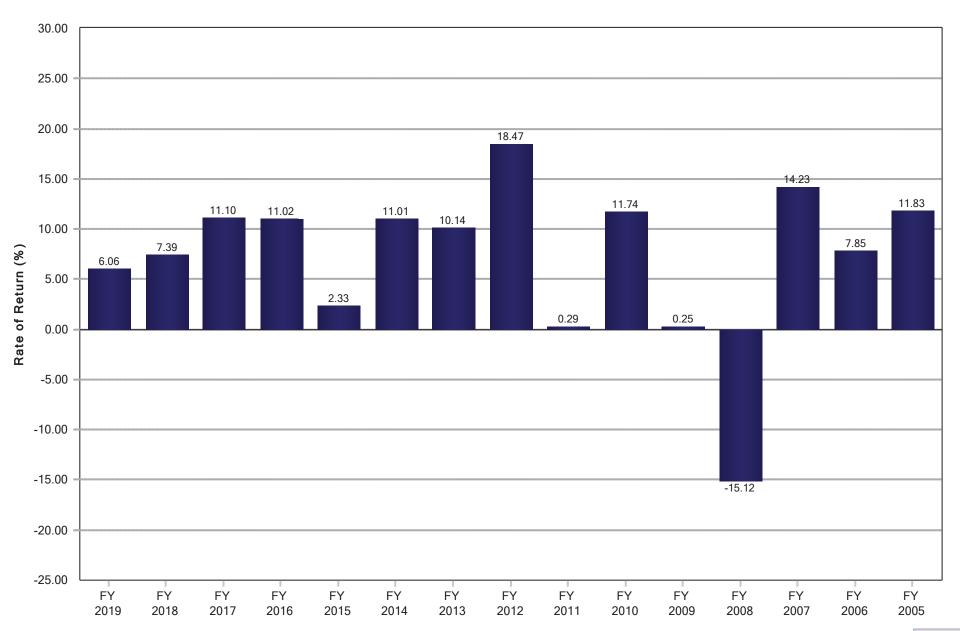
Boynton Beach Police Pension Fund Capital Market Line

Period Ending September 30, 2019



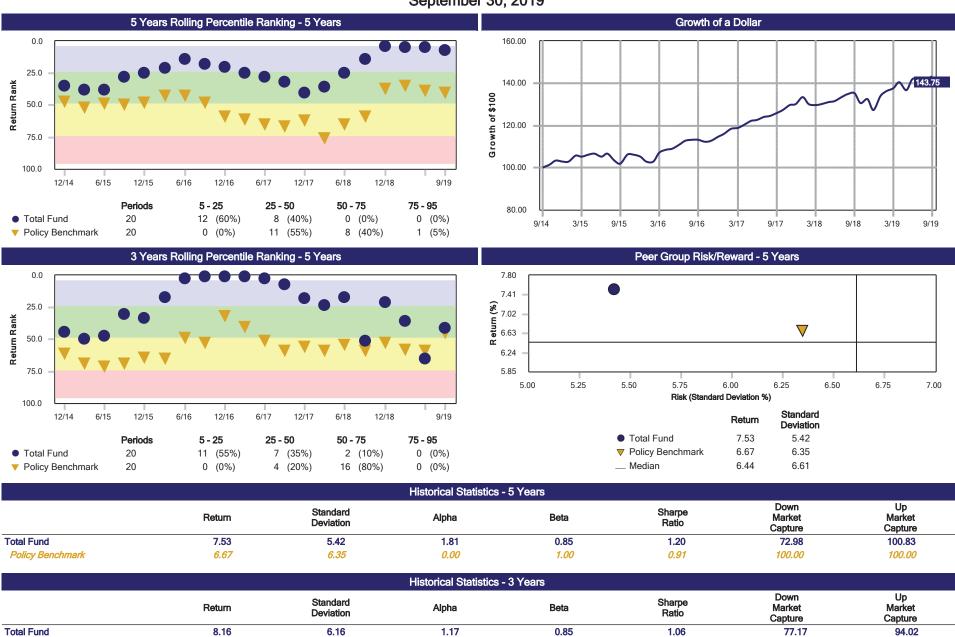


Boynton Beach Police Pension Fund Fiscal Year Rates of Return September 30, 2019





Boynton Beach Police Pension Fund Total Fund September 30, 2019



100.00

1.00

0.92

100.00

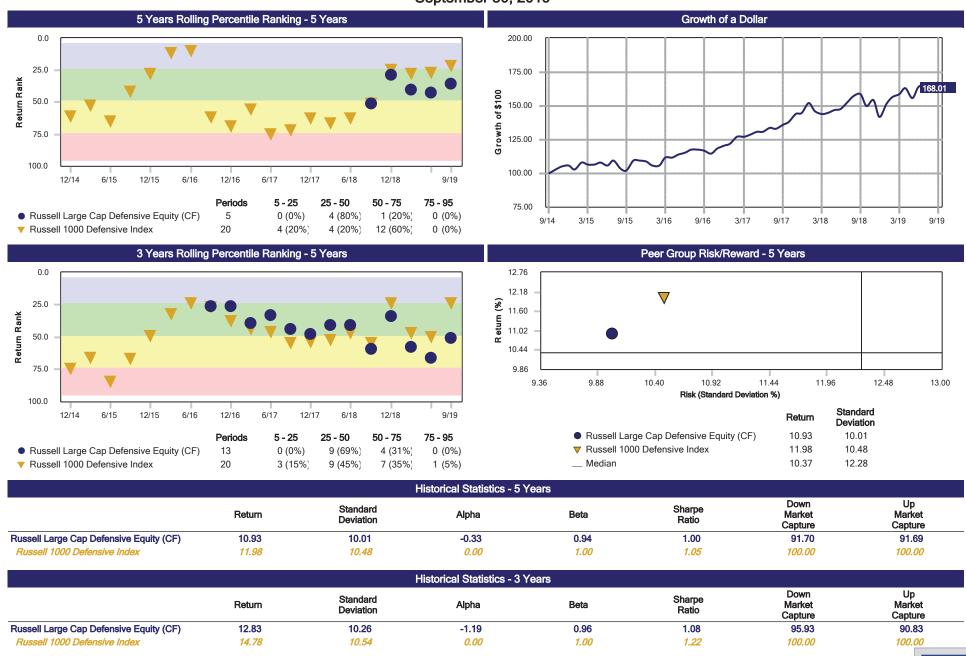
0.00

Policy Benchmark

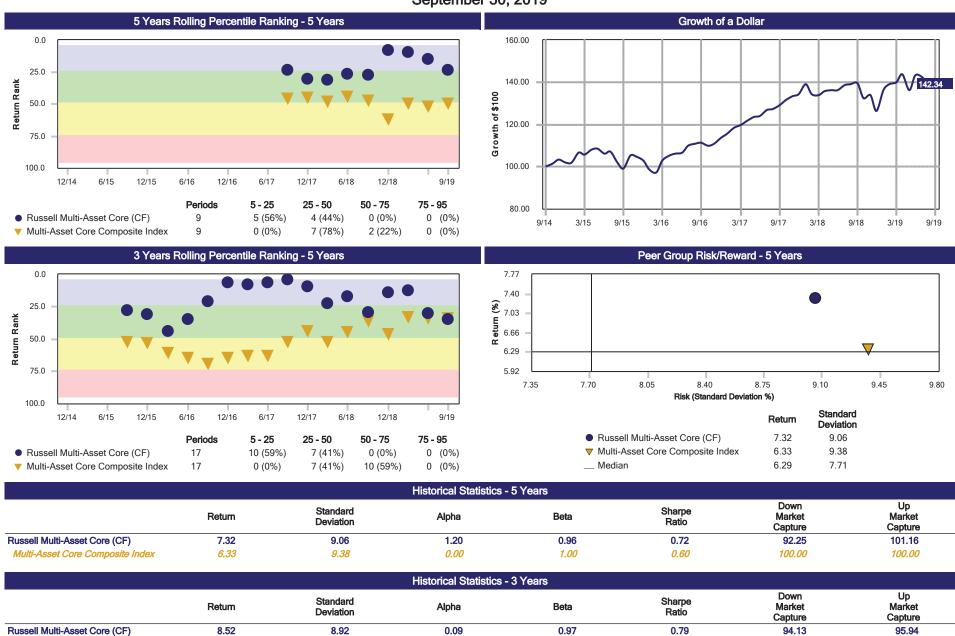
8.13

7.20

Boynton Beach Police Pension Fund Russell Large Cap Defensive Equity (CF) September 30, 2019



Boynton Beach Police Pension Fund Russell Multi-Asset Core (CF) September 30, 2019



100.00

1.00

0.80

100.00

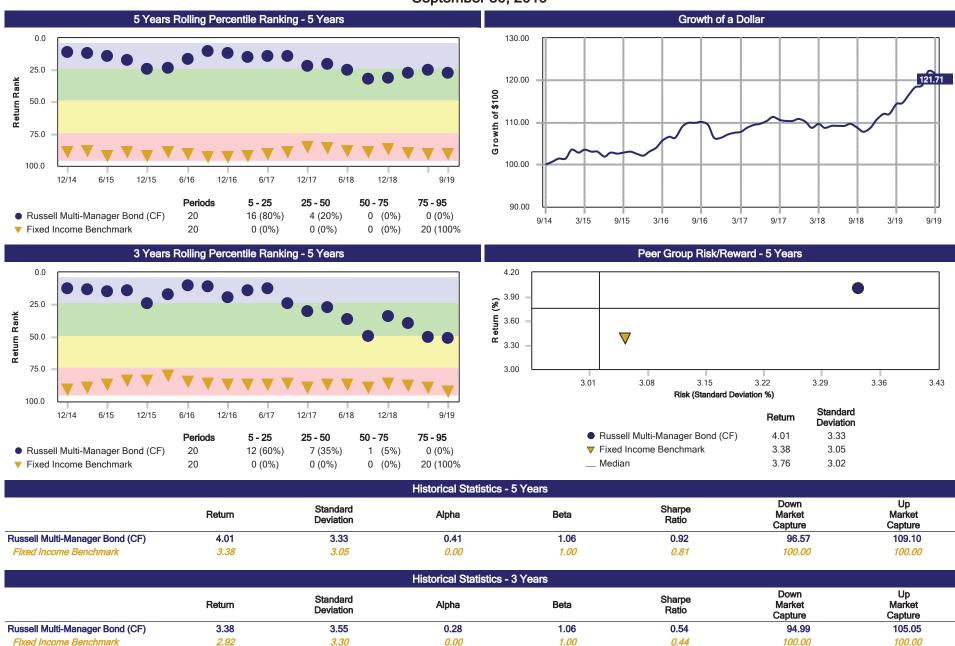
0.00

Multi-Asset Core Composite Index

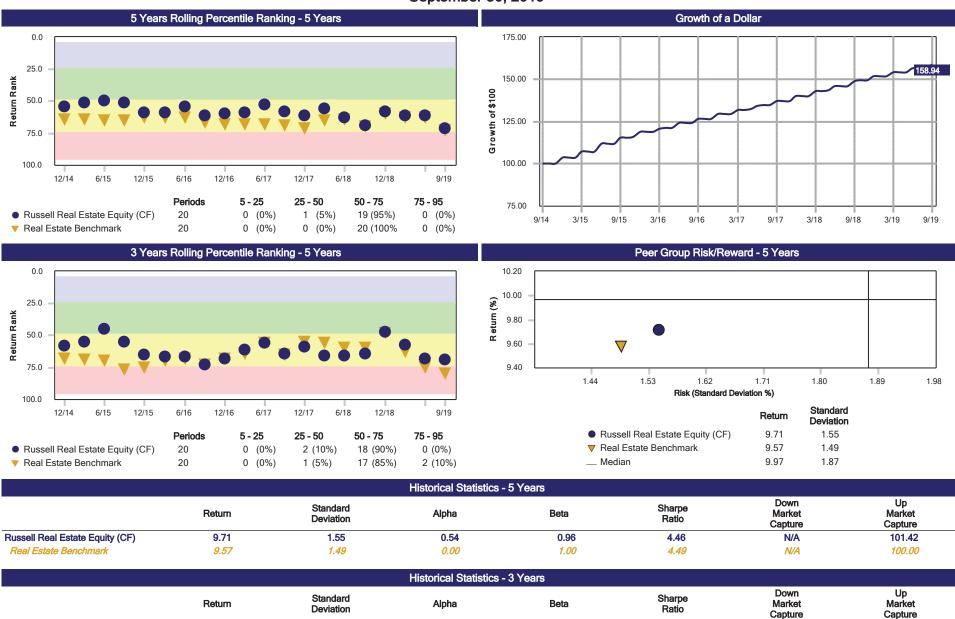
8.72

9.10

Boynton Beach Police Pension Fund Russell Multi-Manager Bond (CF) September 30, 2019



Boynton Beach Police Pension Fund Russell Real Estate Equity (CF) September 30, 2019



103.82

100.00

0.83

1.00

7.06

6.73

N/A

N/A

1.51

0.00

Russell Real Estate Equity (CF)

Real Estate Benchmark

7.86

7.57

0.57

0.60

Boynton Beach Police Pension Fund Glossary September 30, 2019

- -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 September 30, 2019

- -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 September 30, 2019

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 relies on third party vendors to supply tax cost and market values, In the event that cost values are not available, market values may be used as a substitute.
- 9. BCA has not reviewed the risks of individual security holdings.
- 10. BCA investment reports are not indicative of future results.
- 11. Performance rankings are time sensitive and subject to change.
- 12. Mutual Fund (MF), Collective Investment Trusts (CIT) and Exchange Traded Funds (ETF) are ranked in net of fee universes.
- 13. Separately Managed Account (SMA) and Commingled Fund (CF) returns are ranked in gross of fees universes.
- 14. Composite returns are ranked in universes that encompass both gross and net of fee returns.
- 15. Total Fund returns are ranked in a gross of fee universe.
- 16. 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: 315 East Robinson Street Suite #690, Orlando, Florida 32801, 407-644-0111, info@burgesschambers.com.



