## **BOYNTON BEACH POLICE PENSION FUND INVESTMENT PERFORMANCE PERIOD ENDING DECEMBER 31, 2011**



### **BOYNTON BEACH POLICE PENSION FUND BCA Market Perspective ©**

### Managing Stock Portfolios - Active vs. Passive January 2012

A long standing debate over the managing of stock portfolios has focused upon the question of whether to invest in a stock index or hire a manager to construct a portfolio. For more than 30 years, Vanguard has been a proponent of indexing, providing evidence that nearly two-thirds of money managers earn less than their index targets. But below the surface, investors should understand the risks associated with indexes.

What is an index? Companies like Morgan Stanley, Frank Russell and S&P create a variety of indexes or published lists of companies that reflect certain equity market classes - from large-cap to small-cap and developed foreign countries to frontier nations. For example, Russell publishes the Russell 1000 Growth Index, a domestic large-cap growth company index that includes 640 names from the Russell 1000 Index that have "growth" characteristics. The list is reconstituted once a year and is weighted based upon the market capitalization of each company. Apple, Exxon-Mobil and IBM have weightings of 5.9%, 4.8% and 3.4%, respectively, while Nike has only a 0.5% weighting. In fact, the top 10 holdings of this index represent nearly a third (28%) of its total weighting – showing the index to be top heavy. In 1999, 55% of the index was represented by technology stocks and the P/E ratio (price/earnings) was 35x (15x today) – revealing how concentrated and risky an index may become. In fact, this index suffered a 71% decline during the 1999-2002 period as technology stocks fell from grace, while the median active large-cap growth manager was down 40%. While there may be a place for index funds in a portfolio, it is important to understand that the index approach is not always the lowest risk alternative.

Why are index expense ratios so low? There are no fees being paid to portfolio managers and research analysts and the fact that no measurable trading is taking place, the annual cost to investors is typically much lower than active platforms and is one of the primary reasons many choose index products.

Why do so many portfolio managers under-perform their index benchmarks? You would think that beating an index is easy, since the manager knows the composition of the index and has the advantage of being able to trade in and out of positions as opportunities arise. Managers seeking alpha must be able to pick the right stocks (and weightings) and emphasize the winning industry sectors more often than not.

Major influences that impact a manager's relative performance include:

➤ Indexes may have style overlap – the Russell 1000 Growth Index had a 42% exposure to large-cap growth (on 1/5/12), along with 22% to mid-cap. Efficient market theory – price discovery is already backed into the price. Active stock portfolios hold far fewer names than the index. Not having similar weightings as the index impacts performance. Macro events influence investor behavior, but not the composition of the index. High frequency trading moves stock valuations and impacts performance over short periods - these events are unpredictable.

The proliferation of exchange traded funds (ETFs) has caused stock price change correlations to recently rise above 90%, thus a larger number stocks are moving together, despite significant fundamental differences in the companies. In periods of high correlation, quality companies often have no advantage.

Index products offer the path of least resistance to entering markets as no company specific research is required and the market itself will adjust the weightings. However, as pointed out above, even passive index investors need to be aware of the changes taking place in the market and the associated risk level of their portfolios.



### Boynton Beach Police Pension Fund Total Fund Investment Summary December 31, 2011

- Following a tough third quarter, the Fund earned \$3.4 million (+6.3% net) for the fourth quarter, trailing the benchmark (+7.2%). The difference was due to the under-weight among domestic equities and the over-weight of foreign, relative to the benchmark. The top five performing asset categories were: small-cap (+16.8%), large-cap equity (+12.3%), concentrated equity (+11.6%), global REIT (+8.4%), and world equity (+7.8%). As expected, equities outperformed bonds by a wide margin.
- For the 12-month period, the Fund lost \$68,825 (-0.1% net), behind the benchmark (+1.9%). The top three performing asset categories were: real estate (+15.5%), multi manager bond (+6.7%), and large-cap equity (+0.2%).
- For the three-year period, the investment program ranked in the top 26th percentile, a strong improvement over the previous periods. For the five-year period, the Fund ranked in the bottom 73rd percentile, reflecting lack-luster results during the 2006-2008 period.

### **Compliance:**

- 1) Large-cap Equity I: Three and five-year performances were similar to the benchmark; rankings top 40th percentile for three-year period.
- 2) Concentrated equity: Performance was ahead of the benchmark for the three-year period and ranked in the top 40th percentile.
- 3) Small-cap: Three and five-year results were ahead of the performance objective, rankings were in bottom 66th and 73rd percentiles, respectively.
- 4) International equity: The three and five-year results bettered the benchmark; rankings were average.
- 5) World equity: Results were strongly ahead of the benchmark for the quarter and one-year periods, ranking were in the top 7th percentile for the year.
- 6) Multi-manager bonds: Performance was ahead of the benchmark and ranked in the top 40th percentile for two and three-years.
- 7) Real-estate fund: Three and five-year results were below the benchmark, and rankings were below the 40th percentile for both periods.
- 8) Global REIT: Results were well below the benchmark for the 12-month period and ranked in the bottom 99th percentile.
- 9) The commodities program was funded in June 2011.



### Boynton Beach Police Pension Fund Total Fund Investment Performance December 31, 2011

### **Dollars**

	<u>Quarter</u>	One Year	Three Year
Beginning Market Value	51,352,908	53,507,101	36,277,564
<b>Ending Market Value</b>	57,443,275	57,443,275	57,443,275
Net Contributions	+2,727,330	+4,004,999	+7,460,778
<b>Investment Gain/(Loss)</b>	+3,363,037	-68,825	+13,704,933
Investment Return, Net	+6.3%	-0.1%	+11.5%
Consultant's Benchmark	+7.2%	+1.9%	+12.9%
Value Added (pts.)	-0.9	-2.0	-1.4

Fiscal Year: October 1st – September 30th



### Boynton Beach Police Pension Fund Total Fund Compliance Checklist December 31, 2011

The total Fund's annualized three-year performance achieved the Consultant's Benchmark. The total Fund's annualized three-year performance ranked in the top 40th percentile of the universe. The total Fund's annualized five-year performance achieved the Consultant's Benchmark. The total Fund's annualized five-year performance ranked in the top 40th percentile of the universe. The total Fund's annualized three-year performance achieved the +7.75% actuarial assumption rate. The total Fund's annualized five-year performance achieved the +7.75% actuarial assumption rate.	Yes	No
Large Cap Equity's annualized three-year performance achieved the Russell 1000 index.  Large Cap Equity's annualized three-year performance ranked in the top 40th percentile of the universe.  Large Cap Equity's annualized five-year performance achieved the Russell 1000 index.  Large Cap Equity's annualized five-year performance ranked in the top 40th percentile of the universe.		
Concentrated Equity's annualized three-year performance achieved the Russell 1000 index.  Concentrated Equity's annualized three-year performance ranked in the top 40th percentile of the universe.	$\boxtimes$	
Small Cap Equity's annualized three-year performance achieved the Russell 2000 index.  Small Cap Equity's annualized three-year performance ranked in the top 40th percentile of the universe.  Small Cap Equity's annualized five-year performance achieved the Russell 2000 index.  Small Cap Equity's annualized five-year performance ranked in the top 40th percentile of the universe.		
International Equity's annualized three-year performance achieved the international benchmark.  International Equity's annualized three-year performance ranked in the top 40th percentile of the universe.(Actual: 45th)  International Equity's annualized five-year performance achieved the international benchmark.  International Equity's annualized five-year performance ranked in the top 40th percentile of the universe.(Actual: 48th)		



### Boynton Beach Police Pension Fund Total Fund Compliance Checklist (Continued) December 31, 2011

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.	res ⊠ ⊠	
Real Estate Equity's annualized three-year performance achieved the real estate benchmark.  Real Estate Equity's annualized three-year performance ranked in the top 40th percentile of the universe.  Real Estate Equity's annualized five-year performance achieved the real estate benchmark.  Real Estate Equity's annualized five-year performance ranked in the top 40th percentile of the universe.		
PFIA Compliant Investments in equity securities were 59.5% which did not exceed 70% of Fund's assets at market value. Foreign equity investments were 21.7%* (at market) and did not exceed the 25% of the total Fund's assets at market. *Equity Ed: 1.3% + Concentrated: 0.7% + SC: 0.3% + AIM: 9.0% + World: 5.0% + Multi Mgr: 3.8% + Global RE: 1.6%		



### Boynton Beach Police Pension Fund Total Fund Actual vs Target Asset Allocation December 31, 2011

### ACTUAL ASSET ALLOCATION

## FIXED INCOME 35.97% CASH 0.50% ALTERNATIVE 9.38% INTERNATIONAL 20.27% DOMESTIC EQUITY 33.88%

### TARGET ASSET ALLOCATION

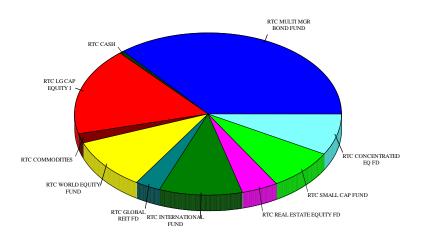


	MARKET VALUE ACTUAL	PERCENT ACTUAL	MARKET VALUE TARGET	PERCENT TARGET	MARKET VALUE DIFFERENCE	PERCENT DIFFERENCE
DOMESTIC EQUITY	19,459,766.9	33.9%	20,105,146.2	35.0%	(645,379.3)	(1.1%)
INTERNATIONAL	11,643,662.3	20.3%	8,616,491.2	15.0%	3,027,171.1	5.3%
FIXED INCOME	20,661,711.8	36.0%	20,105,146.2	35.0%	556,565.6	1.0%
CASH	289,906.1	0.5%	0.0	0.0%	289,906.1	0.5%
ALTERNATIVE	5,388,227.7	9.4%	8,616,491.2	15.0%	(3,228,263.5)	(5.6%)
TOTAL FUND	\$57,443,274.8	100.0%	\$57,443,274.8	100.0%	\$0.0	0.0%



### Boynton Beach Police Pension Fund Total Fund Asset Allocation

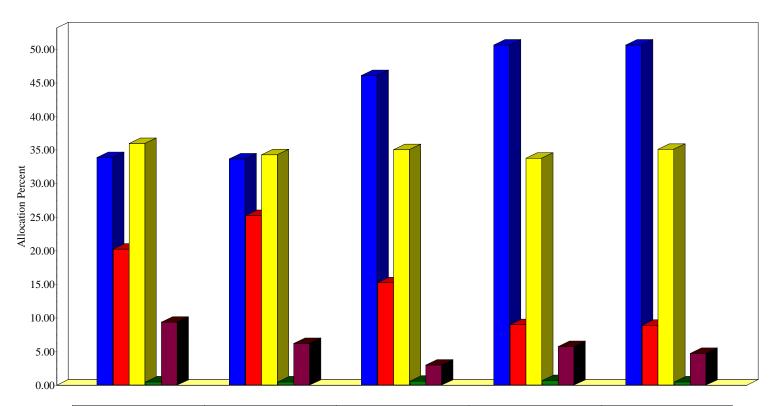
TOTAL MARKET VALUE AS OF DECEMBER 31, 2011 \$ 57,443,275



	VALUE	PERCENT
RTC MULTI MGR BOND FUND	20,661,712	35.97
RTC LG CAP EQUITY I	10,023,780	17.45
RTC WORLD EQUITY FUND	5,850,852	10.19
RTC INTERNATIONAL FUND	5,792,810	10.08
RTC SMALL CAP FUND	4,718,506	8.21
RTC CONCENTRATED EQ FD	4,717,481	8.21
RTC REAL ESTATE EQUITY FD	2,535,174	4.41
RTC GLOBAL REIT FD	1,769,213	3.08
RTC COMMODITIES	1,083,841	1.89
RTC CASH	289,906	0.51



### Boynton Beach Police Pension Fund Total Fund Asset Distribution December 31, 2011



	QUARTER TO DATE	1 YEAR	2 YEARS	3 YEARS	4 YEARS
DOMESTIC EQUITY	33.88	33.70	46.08	50.64	50.66
INTERNATIONAL	20.27	25.26	15.24	9.06	8.94
FIXED INCOME	35.97	34.29	35.09	33.82	35.14
CASH	0.50	0.53	0.59	0.74	0.53
ALTERNATIVE	9.38	6.21	3.00	5.75	4.73



## Boynton Beach Police Pension Fund Total Fund December 31, 2011 Gross of Fees

		QTR	1 Year	2 Year	3 Year	5 Year
Name	Market Values	ROR	ROR	ROR	ROR	ROR
Domestic Equity						
RTC Lg Cap Equity I	10,023,780	12.3%	0.2%	8.2%	14.9%	0.3%
RTC Concentrated Eq Fd	4,717,481	11.6%	-0.5%	8.5%	16.2%	N/A
RTC Small Cap Fund	4,718,506	16.8%	-0.9%	12.2%	17.5%	0.6%
Total Domestic Equity	19,459,767	13.2%	-0.4%	8.6%	15.0%	N/A
International Equity						
RTC International Fund	5,792,810	4.7%	-12.8%	-1.6%	10.4%	-2.7%
RTC World Equity Fund	5,850,852	7.8%	-7.8%	N/A	N/A	N/A
Total Equity	31,103,429	10.6%	-4.3%	5.7%	13.4%	N/A
Fixed Income						
RTC Multi Mgr Bond Fund	20,661,712	1.4%	6.7%	8.7%	11.9%	N/A
Total Fixed Income	20,661,712	1.4%	6.7%	8.7%	11.9%	N/A
<u>Cash</u>						
RTC Cash	289,906	0.0%	0.1%	0.1%	0.0%	1.4%
<u>Alternative</u>						
RTC Real Estate Equity Fd	2,535,174	2.9%	15.5%	15.3%	-4.4%	-2.2%
RTC Global REIT Fd	1,769,213	8.4%	-7.0%	N/A	N/A	N/A
RTC Commodities	1,083,841	0.5%	N/A	N/A	N/A	N/A
TOTAL: (1, 2, 3, 4)	57,443,275	6.5%	0.4%	7.3%	12.2%	1.3%
Consultant's Bnch		7.2%	1.9%	7.8%	12.9%	2.4%
Russell Custom Bnch		6.8%	1.9%	7.3%	11.0%	N/A
Russell 1000 Index		11.8%	1.5%	8.6%	14.8%	0.0%
Russell 2000		15.5%	-4.2%	10.3%	15.6%	0.2%
International Bnch		3.5%	-12.7%	-2.5%	8.9%	-4.3%
MSCI AC Wrld X US		3.8%	-13.3%	-1.6%	11.2%	-2.5%
Fixed Income Bnch		1.1%	7.8%	7.2%	6.8%	6.6%
ML 3M TBill		0.0%	0.1%	0.1%	0.1%	1.5%
NCREIF ODCE		3.0%	16.0%	16.2%	-1.8%	-0.2%
Wilshire REIT		15.4%	9.2%	18.5%	21.8%	-2.0%
DJ UBS Commodities		0.3%	N/A	N/A	N/A	N/A

<sup>1</sup> Consultant's Bnch (IPS hybrid benchmark objective): Sep'09 is 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 Gross EAFE +5% Wilshire REIT + 30% LB Intermediate Aggregate + 5% Lehman Intermediate TIPS; from Jun'02 was 60% S&P 500 + 35 Lehman Gov't/Credit.

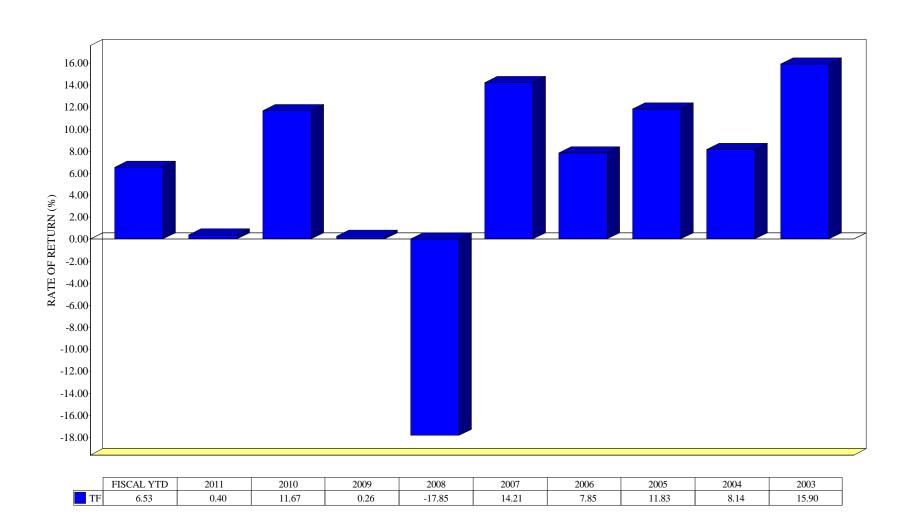


## Boynton Beach Police Pension Fund Total Fund December 31, 2011 Gross of Fees

- 2 Russell Custom Bnch: Sep'09 is 35% Russell 1000 + 10% Russell 2000 + 15% AIM Composite (90% MSCI NET EAFE + 10% MSCI Net EM) + 35% BC Aggregate + 5% NCREIF; from Jun'08 was 41% Russell 1000 + 10% Russell 2000 + 9% AIM Composite (90% MSCI NET EAFE + 10% MSCI Net EM) + 5% NCREIF + 35% LB Aggregate.
- 3 International Benchmark: from Jun'08 is 100% AIM Composite (90% MSCI Net EAFE + 10% MSCI Emerging Markets Net); prior was MSCI Gross EAFE.
- 4 Fixed Income Bnch (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.

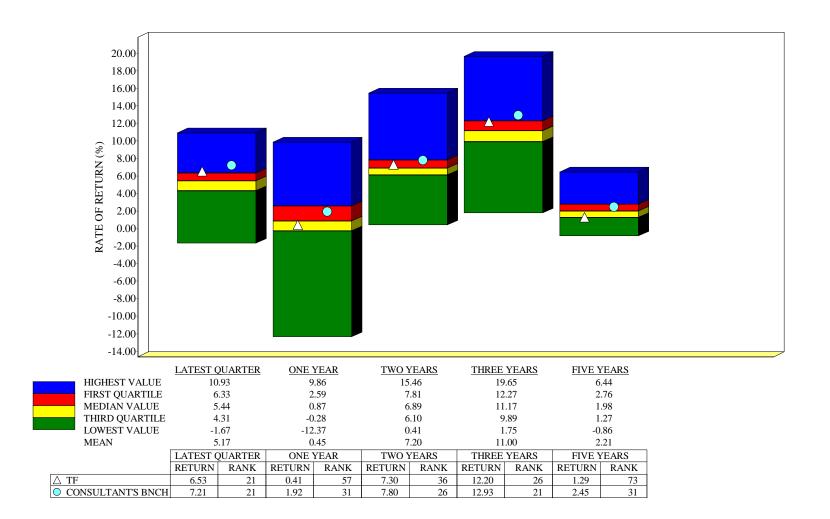


### Boynton Beach Police Pension Fund Total Fund Fiscal Year Rates of Return September 30, 2002 Through December 31, 2011



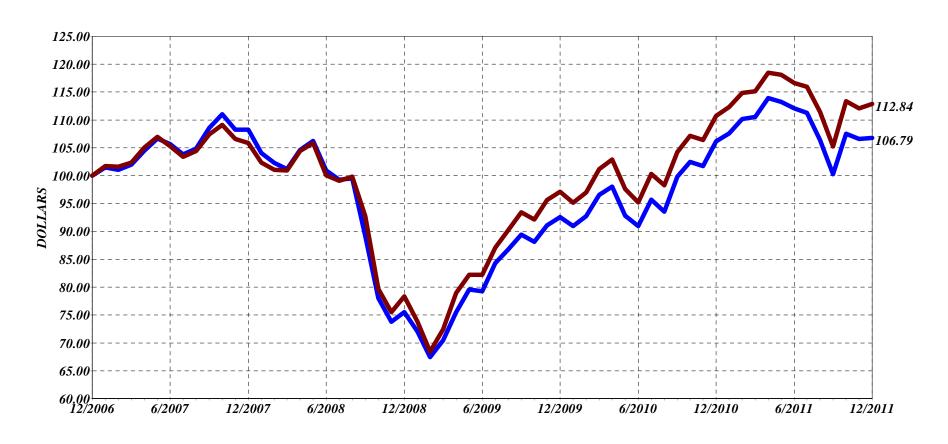


### Boynton Beach Police Pension Fund Quartile Ranking Total Fund Versus BNY Mellon Public Funds Universe December 31, 2006 Through December 31, 2011





## Boynton Beach Police Pension Fund Total Fund Growth of a Dollar Analysis December 31, 2006 Through December 31, 2011



	LATEST QUARTER	ONE YEAR	THREE YEARS	FIVE YEARS
<b>TF</b>	6.53	0.59	12.26	1.32
— CONSULTANT'S BNCH	7.21	1.92	12.93	2.45



### Boynton Beach Police Pension Fund RTC Lg Cap Equity I Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	9/2009	16.41
WORST QUARTER	12/2008	-23.00
BEST 4 QUARTERS	12/2009	29.65
WORST 4 QUARTERS	12/2008	-40.56

TOTAL # OF PERIODS: 60 # OF POSITIVE PERIODS: 33 # OF NEGATIVE PERIODS: 27

	QUARTER				
	TO	ONE	TWO	THREE	FIVE
	DATE	YEAR	YEARS	YEARS	YEARS
TOTAL FUND	12.26	0.17	8.15	14.89	0.35
RUSSELL 1000 INDEX	11.84	1.50	8.55	14.81	-0.02
EXCESS	0.42	-1.33	-0.40	0.08	0.37
RISKLESS INDEX	0.00	0.10	0.11	0.14	1.48
REAL ROR	12.80	-2.92	5.75	12.17	-1.85

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
ONE YEAR	0.17	57	17.55	0.00	-1.32	1.11	99.77	-0.56
TWO YEARS	8.15	41	18.61	0.43	-0.79	1.07	99.52	-0.10
THREE YEARS	14.89	38	19.55	0.75	-0.25	1.03	99.20	0.09
FIVE YEARS	0.35	59	20.01	-0.06	0.52	1.04	98.82	0.22

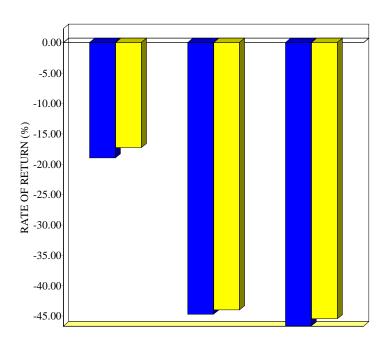


### Boynton Beach Police Pension Fund RTC Lg Cap Equity I Performance in Rising and Declining Markets December 31, 2006 Through December 31, 2011

### UP MARKET PERFORMANCE

# 75.00 70.00 65.00 60.00 55.00 8 50.00 H 45.00 H 30.00 E 35.00 20.00 15.00 10.00 5.00 0.00

	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	23.70	73.79	62.73
RUSSELL 1000 INDEX	22.72	72.33	59.04
DIFFERENCE	0.98	1.46	3.69
RATIO	1.04	1.02	1.06
UP PERIODS	6	23	34



	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	-19.02	-44.75	-46.67
RUSSELL 1000 INDEX	-17.29	-44.03	-45.51
DIFFERENCE	-1.73	-0.72	-1.16
RATIO	1.10	1.02	1.03
DOWN PERIODS	6	13	26



### Boynton Beach Police Pension Fund RTC Concentrated Eq Fd Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	6/2009	15.37
WORST QUARTER	9/2011	-16.91
BEST 4 QUARTERS	12/2009	33.21
WORST 4 QUARTERS	12/2011	-0.46

TOTAL # OF PERIODS: 36 # OF POSITIVE PERIODS: 21 # OF NEGATIVE PERIODS: 15

	QUARTER			
	TO	ONE	TWO	THREE
	DATE	YEAR	YEARS	YEARS
TOTAL FUND	11.64	-0.46	8.48	16.16
RUSSELL 1000 INDEX	11.84	1.50	8.55	14.81
EXCESS	-0.20	-1.96	-0.08	1.35
RISKLESS INDEX	0.00	0.10	0.11	0.14
REAL ROR	12.18	-3.52	6.06	13.42

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
ONE YEAR	-0.46	64	17.77	-0.03	-1.93	1.12	99.16	-0.66
TWO YEARS	8.48	35	18.68	0.45	-0.49	1.07	98.89	0.06
THREE YEARS	16.16	19	19.02	0.84	1.30	0.99	97.92	0.42

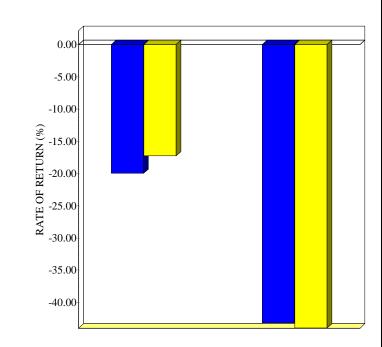


### Boynton Beach Police Pension Fund RTC Concentrated Eq Fd Performance in Rising and Declining Markets December 31, 2008 Through December 31, 2011

### UP MARKET PERFORMANCE

# 75.00 70.00 65.00 60.00 55.00 8 50.00 HM 45.00 HM 35.00 HM 30.00 HM 30.00 25.00 20.00 15.00 10.00 5.00

		ONE YEAR	THREE YEARS
	TOTAL FUND	24.42	74.15
	RUSSELL 1000 INDEX	22.72	72.33
	DIFFERENCE	1.70	1.82
	RATIO	1.07	1.03
	UP PERIODS	6	23



	ONE YEAR	THREE YEARS
TOTAL FUND	-19.99	-43.25
RUSSELL 1000 INDEX	-17.29	-44.03
DIFFERENCE	-2.70	0.78
RATIO	1.16	0.98
DOWN PERIODS	6	13



### Boynton Beach Police Pension Fund RTC Small Cap Fund Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	6/2009	17.61
WORST QUARTER	12/2008	-24.65
BEST 4 QUARTERS	12/2009	28.88
WORST 4 QUARTERS	12/2008	-40.02

TOTAL # OF PERIODS: 60 # OF POSITIVE PERIODS: 35 # OF NEGATIVE PERIODS: 25

	QUARTER				
	TO	ONE	TWO	THREE	FIVE
	DATE	YEAR	YEARS	YEARS	YEARS
TOTAL FUND	16.80	-0.91	12.22	17.52	0.62
RUSSELL 2000	15.47	-4.18	10.25	15.63	0.15
EXCESS	1.33	3.27	1.97	1.89	0.47
RISKLESS INDEX	0.00	0.10	0.11	0.14	1.48
REAL ROR	17.35	-3.96	9.74	14.73	-1.57

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
ONE YEAR	-0.91	40	22.40	-0.05	3.37	1.00	99.03	1.54
TWO YEARS	12.22	42	22.99	0.53	1.87	0.99	99.36	0.94
THREE YEARS	17.52	66	23.72	0.73	2.32	0.94	98.83	0.44
FIVE YEARS	0.62	73	23.47	-0.04	0.35	0.95	96.48	0.03

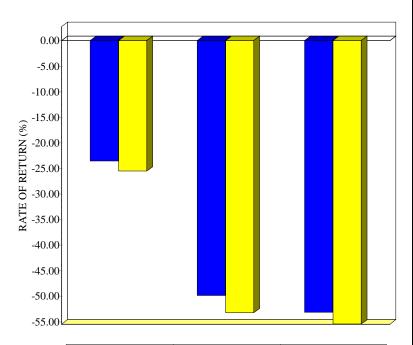


### Boynton Beach Police Pension Fund RTC Small Cap Fund Performance in Rising and Declining Markets December 31, 2006 Through December 31, 2011

### UP MARKET PERFORMANCE

### 110.00 105.00 100.00 95.00 90.00 85.00 80.00 75.00 RATE OF RETURN (%) 70.00 65.00 60.00 55.00 50.00 45.00 40.00 35.00 30.00 25.00 20.00 15.00 10.00 5.00

		ONE YEAR	THREE YEARS	FIVE YEARS
	TOTAL FUND	29.76	102.29	73.89
	RUSSELL 2000	28.73	105.73	78.74
Ī	DIFFERENCE	1.03	-3.44	-4.84
	RATIO	1.04	0.97	0.94
	UP PERIODS	5	22	35



	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	-23.64	-49.94	-53.22
RUSSELL 2000	-25.56	-53.25	-55.49
DIFFERENCE	1.93	3.30	2.27
RATIO	0.92	0.94	0.96
DOWN PERIODS	7	14	25



### Boynton Beach Police Pension Fund RTC International Fund Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	6/2009	26.50
WORST QUARTER	9/2008	-21.65
BEST 4 QUARTERS	12/2009	38.97
WORST 4 QUARTERS	12/2008	-44.58

TOTAL # OF PERIODS: 60 # OF POSITIVE PERIODS: 29 # OF NEGATIVE PERIODS: 31

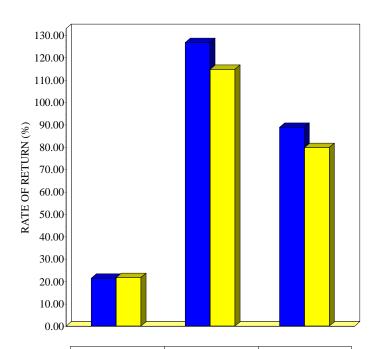
	QUARTER				
	TO	ONE	TWO	THREE	FIVE
	DATE	YEAR	YEARS	YEARS	YEARS
TOTAL FUND	4.75	-12.84	-1.59	10.41	-2.73
INTERNATIONAL BNCH	3.47	-12.71	-2.52	8.92	-4.25
EXCESS	1.28	-0.13	0.93	1.49	1.52
RISKLESS INDEX	0.00	0.10	0.11	0.14	1.48
REAL ROR	5.26	-15.54	-3.79	7.78	-4.87

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
ONE YEAR	-12.84	63	19.13	-0.68	-0.06	1.00	97.29	-0.04
TWO YEARS	-1.59	65	21.18	-0.08	1.07	1.02	98.50	0.39
THREE YEARS	10.41	45	23.66	0.43	1.17	1.04	98.17	0.47
FIVE YEARS	-2.73	48	23.64	-0.18	1.85	1.03	98.32	0.55

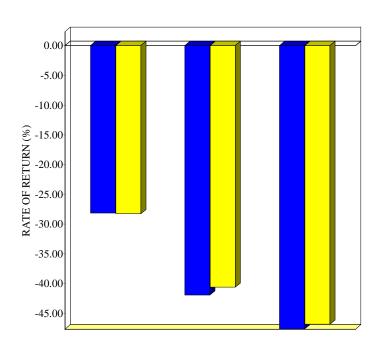


### Boynton Beach Police Pension Fund RTC International Fund Performance in Rising and Declining Markets December 31, 2006 Through December 31, 2011

### UP MARKET PERFORMANCE



	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	21.45	126.74	88.95
INTERNATIONAL BNCH	21.81	114.80	79.94
DIFFERENCE	-0.36	11.94	9.01
RATIO	0.98	1.10	1.11
UP PERIODS	4	17	29



	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	-28.23	-42.01	-47.73
INTERNATIONAL BNCH	-28.34	-40.68	-46.93
DIFFERENCE	0.11	-1.33	-0.80
RATIO	1.00	1.03	1.02
DOWN PERIODS	8	19	31



### Boynton Beach Police Pension Fund RTC World Equity Fund Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	12/2011	7.80
WORST QUARTER	9/2011	-19.23
BEST 4 QUARTERS	12/2011	-7.77
WORST 4 QUARTERS	12/2011	-7.77

TOTAL # OF PERIODS: 12 # OF POSITIVE PERIODS: 4 # OF NEGATIVE PERIODS: 8

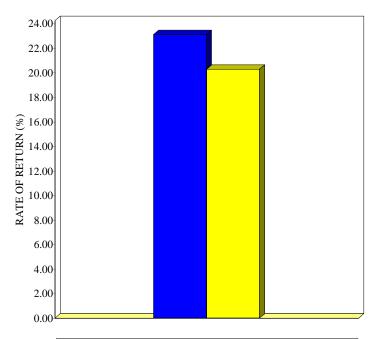
	QUARTER	
	TO	ONE
	DATE	YEAR
TOTAL FUND	7.80	-7.77
MSCI AC WRLD X US	3.77	-13.33
EXCESS	4.03	5.55
RISKLESS INDEX	0.00	0.10
REAL ROR	8.32	-10.63

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
ONE YEAR	-7.77	7	18.83	-0.42	5.68	0.97	96.68	1.77

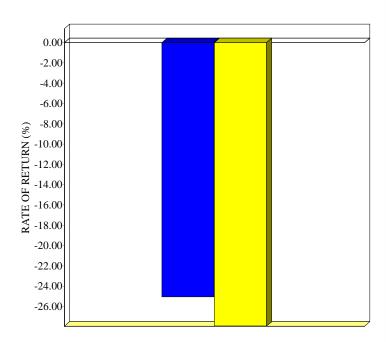


### Boynton Beach Police Pension Fund RTC World Equity Fund Performance in Rising and Declining Markets December 31, 2010 Through December 31, 2011

### UP MARKET PERFORMANCE



	ONE YEAR
TOTAL FUND	23.10
MSCI AC WRLD X US	20.30
DIFFERENCE	2.80
RATIO	1.14
UP PERIODS	4



	ONE YEAR
TOTAL FUND	-25.08
MSCI AC WRLD X US	-27.95
DIFFERENCE	2.87
RATIO	0.90
DOWN PERIODS	8



### Boynton Beach Police Pension Fund RTC Multi Mgr Bond Fund Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	9/2009	8.07
WORST QUARTER	12/2010	-0.60
BEST 4 QUARTERS	12/2009	18.64
WORST 4 QUARTERS	12/2011	6.71

TOTAL # OF PERIODS: 36 # OF POSITIVE PERIODS: 28 # OF NEGATIVE PERIODS: 8

	QUARTER			
	TO	ONE	TWO	THREE
	DATE	YEAR	YEARS	YEARS
TOTAL FUND	1.44	6.71	8.73	11.94
FIXED INCOME BNCH	1.12	7.84	7.19	6.77
EXCESS	0.32	-1.13	1.54	5.17
RISKLESS INDEX	0.00	0.10	0.11	0.14
REAL ROR	1.95	3.47	6.32	9.32

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
ONE YEAR	6.71	44	2.29	2.89	0.91	0.74	52.68	-0.63
TWO YEARS	8.73	18	2.94	2.93	2.01	0.92	62.69	0.79
THREE YEARS	11.94	18	3.94	3.00	5.07	0.96	45.65	1.68

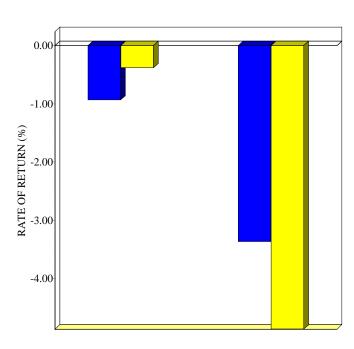


### Boynton Beach Police Pension Fund RTC Multi Mgr Bond Fund Performance in Rising and Declining Markets December 31, 2008 Through December 31, 2011

### UP MARKET PERFORMANCE

### 18.00 17.00 16.00 15.00 14.00 13.00 8 12.00 NEW 11.00 10.00 ED 4 8.00 ED 7.00 4.00 3.00 4.00 3.00 2.00 1.00 0.00

	ONE YEAR	THREE YEARS
TOTAL FUND	7.72	17.31
FIXED INCOME BNCH	8.25	11.14
DIFFERENCE	-0.53	6.17
RATIO	0.94	1.55
UP PERIODS	10	28



		ONE YEAR	THREE YEARS
	TOTAL FUND	-0.93	-3.37
	FIXED INCOME BNCH	-0.38	-4.88
	DIFFERENCE	-0.55	1.50
	RATIO	2.46	0.69
Ī	DOWN PERIODS	2	8



### Boynton Beach Police Pension Fund RTC Real Estate Equity Fd Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	12/2010	5.23
WORST QUARTER	3/2009	-14.59
BEST 4 QUARTERS	12/2011	15.47
WORST 4 QUARTERS	12/2009	-34.26

TOTAL # OF PERIODS: 20 # OF POSITIVE PERIODS: 14 # OF NEGATIVE PERIODS: 6

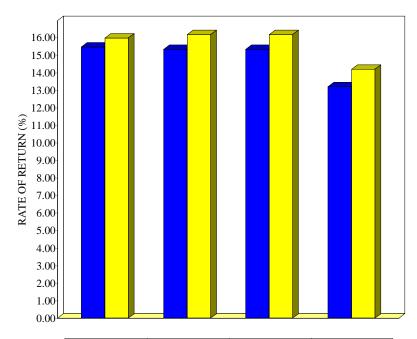
	QUARTER				
	TO	ONE	TWO	THREE	FIVE
	DATE	YEAR	YEARS	YEARS	YEARS
RTC REAL ESTATE EQUITY F	2.91	15.47	15.34	-4.37	-2.20
NCREIF ODCE	2.97	15.99	16.18	-1.77	-0.21
EXCESS	-0.06	-0.52	-0.84	-2.60	-1.98
RISKLESS INDEX	0.00	0.10	0.11	0.14	1.48
REAL ROR	3.41	12.03	12.83	-6.72	-4.36

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
THREE YEARS	-4.37	99	13.71	-0.33	-2.38	1.10	99.45	-1.57
FIVE YEARS	-2.20	60	12.31	-0.30	-1.80	1.08	99.26	-1.40

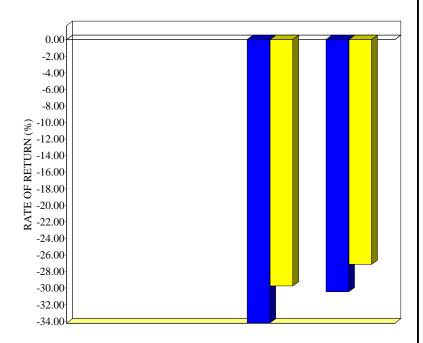
The risk benchmark for this analysis is the NCREIF ODCE. The universe used was the MS Real Estate.

### Boynton Beach Police Pension Fund RTC Real Estate Equity Fd Performance in Rising and Declining Markets December 31, 2006 Through December 31, 2011

### UP MARKET PERFORMANCE



	ONE YEAR	TWO YEARS	THREE YEARS	FIVE YEARS
TOTAL FUND	15.47	15.34	15.34	13.21
NCREIF ODCE	15.99	16.18	16.18	14.20
DIFFERENCE	-0.52	-0.84	-0.84	-0.99
RATIO	0.97	0.95	0.95	0.93
UP PERIODS	4	8	8	14



	ONE YEAR	TWO YEARS	THREE YEARS	FIVE YEARS
TOTAL FUND	N/A	N/A	-34.26	-30.48
NCREIF ODCE	N/A	N/A	-29.76	-27.17
DIFFERENCE	N/A	N/A	-4.49	-3.31
RATIO	N/A	N/A	1.15	1.12
DOWN PERIODS	0	0	4	6

### Boynton Beach Police Pension Fund RTC Global REIT Fd Performance Profile Through December 31, 2011

	ENDED	RETURN
BEST QUARTER	12/2011	8.35
WORST QUARTER	9/2011	-18.88
BEST 4 QUARTERS	12/2011	-7.01
WORST 4 QUARTERS	12/2011	-7.01

TOTAL # OF PERIODS: 12 # OF POSITIVE PERIODS: 6 # OF NEGATIVE PERIODS: 6

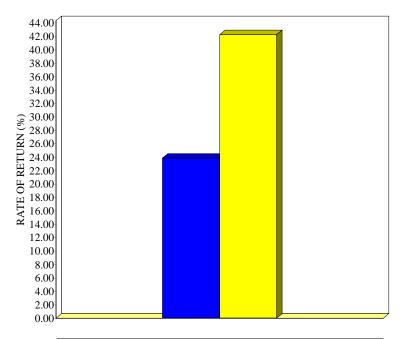
	QUARTER	
	TO	ONE
	DATE	YEAR
TOTAL FUND	8.35	-7.01
WILSHIRE REIT	15.43	9.24
EXCESS	-7.07	-16.24
RISKLESS INDEX	0.00	0.10
REAL ROR	8.87	-9.89

		UNIVERSE	STD	SHARPE				INFO
PERIOD	RETURN	RANKING	DEV	RATIO	ALPHA	BETA	R-SQUARED	RATIO
ONE YEAR	-7.01	99	20.89	-0.34	-15.42	0.92	94.29	-2.89

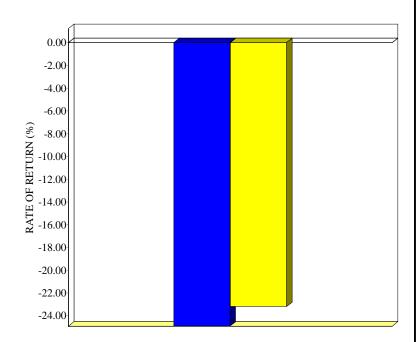


### Boynton Beach Police Pension Fund RTC Global REIT Fd Performance in Rising and Declining Markets December 31, 2010 Through December 31, 2011

### UP MARKET PERFORMANCE



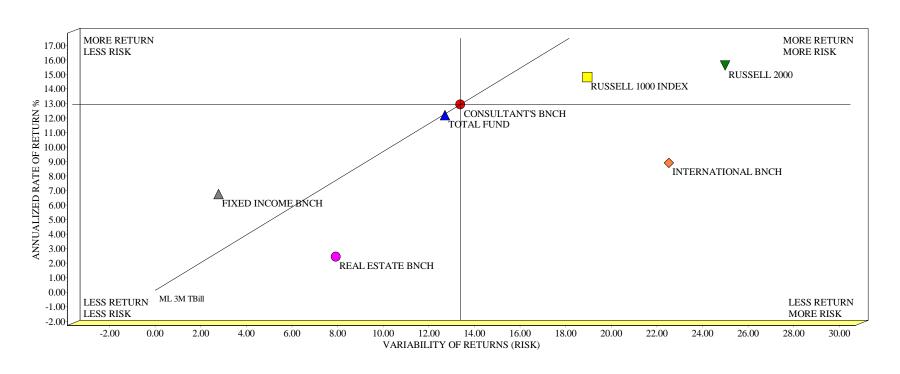
	ONE YEAR
TOTAL FUND	23.86
WILSHIRE REIT	42.26
DIFFERENCE	-18.40
RATIO	0.56
UP PERIODS	7



	ONE YEAR
TOTAL FUND	-24.92
WILSHIRE REIT	-23.22
DIFFERENCE	-1.71
RATIO	1.07
DOWN PERIODS	5



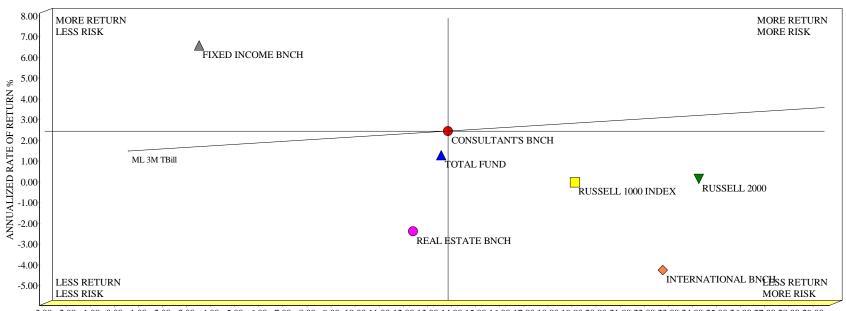
### Boynton Beach Police Pension Fund Total Fund Capital Market Line December 31, 2008 Through December 31, 2011



	RETURN	STD DEV	BETA	ALPHA	R-SQUARED
▲ TOTAL FUND	12.20	12.70	0.94	0.05	97.84
<ul> <li>CONSULTANT'S BNCH</li> </ul>	12.93	13.39	1.00	0.00	100.00
■ RUSSELL 1000 INDEX	14.81	18.95	1.00	0.00	100.00
▼ RUSSELL 2000	15.63	24.99	1.00	0.00	100.00
♦ INTERNATIONAL BNCH	8.92	22.53	1.00	0.00	100.00
▲ FIXED INCOME BNCH	6.77	2.78	1.00	0.00	100.00
<ul> <li>REAL ESTATE BNCH</li> </ul>	2.43	7.93	1.00	0.00	100.00



### Boynton Beach Police Pension Fund Total Fund Capital Market Line December 31, 2006 Through December 31, 2011



-3.00 -2.00 -1.00 0.00 1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00 27.00 28.00 29.00 VARIABILITY OF RETURNS (RISK)

	RETURN	STD DEV	BETA	ALPHA	R-SQUARED
▲ TOTAL FUND	1.29	13.58	0.96	-1.11	96.74
<ul><li>CONSULTANT'S BNCH</li></ul>	2.45	13.86	1.00	0.00	100.00
☐ RUSSELL 1000 INDEX	-0.02	19.13	1.00	0.00	100.00
▼ RUSSELL 2000	0.15	24.27	1.00	0.00	100.00
♦ INTERNATIONAL BNCH	-4.25	22.77	1.00	0.00	100.00
▲ FIXED INCOME BNCH	6.58	3.52	1.00	0.00	100.00
<ul> <li>REAL ESTATE BNCH</li> </ul>	-2.39	12.41	1.00	0.00	100.00

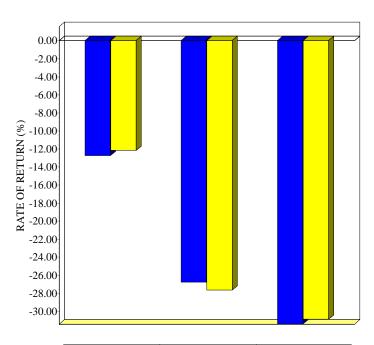


### Boynton Beach Police Pension Fund Total Fund Performance in Rising and Declining Markets December 31, 2006 Through December 31, 2011

### UP MARKET PERFORMANCE

### 55.00 50.00 45.00 40.00 80 35.00 15.00 10.00 5.00 0.00

	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	15.28	52.37	42.61
CONSULTANT'S BNCH	16.05	55.24	44.63
DIFFERENCE	-0.77	-2.87	-2.02
RATIO	0.95	0.95	0.95
UP PERIODS	6	21	32



	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	-12.75	-26.80	-31.44
CONSULTANT'S BNCH	-12.18	-27.67	-30.92
DIFFERENCE	-0.56	0.87	-0.52
RATIO	1.05	0.97	1.02
DOWN PERIODS	6	15	28



### **Boynton Beach Police Pension Fund Glossary of Terms**

- -ACCRUED INTEREST- Bond interest earned since the last interest payment, but not yet received.
- -ALPHA- A linear regressive constant that measures the manager's expected return independent of Beta.
- -ASSET ALLOCATION- The optimal division of portfolio asset classes in order to achieve an expected investment objective.
- -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.
- -CORE- A type of investment strategy that has approximately an equal weighting in both growth and value stocks in order to achieve a return that is comparable to the broad market performance (i.e., the S&P 500).
- -CORRELATION COEFFICIENT- A statistical 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.
- -INDEXES- Indexes are used as "independent representations of markets" (e.g., S&P 500 and LBGC).
- -INFORMATION RATIO- Annualized excess return above the benchmark relative to the annualized tracking error.
- -GROWTH MANAGER- A 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.
- -LARGE CAP- Generally, the term refers to a company that has a market capitalization that exceeds \$5 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 \$1 and \$5 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 stategy. This index is capitalization weighted, time weighted and gross of fees.

### **Boynton Beach Police Pension Fund Glossary of Terms**

- -BALANCED UNIVERSES BNY Mellon Public Funds, Endowments & Foundations, Corporate peer groups, and PSN peer groups.
- -RATE OF RETURN- The percentage change in the value of an investment in a portfolio over a specified time period.
- -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.
- -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.
- -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 verses the investor. When there are no flows the TW & DOLLAR weighted (DW) return are the same and vice versa. CFA Institute recommends using the TW return. AIMR reasons that the investment mgr can not control when an investor has flows & thus should not be measured by that. BCA uses TW method.
- -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-MARKET CAPTURE RATIO- Ratio that illustrates how a manager performed relative to the market during rising market periods; the higher the ratio, the better the manager performed (i.e., a ratio of 110 implies the manager performed 10% better than the market).
- -VALUE MANAGER- A 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

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 or other income 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 and timing of investment decisions.
- 4.BCA does not have discretion or decision making authority over any investments. All decisions regarding investment manager selection and retention, asset allocation, and other investment policies were made by the client. While BCA provides recommendations and choices regarding suitable investments, not all clients take these recommendations or select from the choices offered.
- 5.Portfolio returns are generally shown before the deduction of investment advisory fees.
- 6.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.
- 7. 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.
- 8.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.
- 9.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 be subject to revision. 10.BCA has not reviewed the risks of individual security holdings.
- The firm's ADV, Part II, is available upon request.

