



#### Pensacola General Pension and Retirement Fund BCA Market Perspective © Ways to de-risk a portfolio October 2015

Following a 6-year bull market, the anxiety among investors reached a tipping point. As witnessed during the third quarter, the S&P 500 pulled back as much as 12.4% from the August 24 peak. During the same time, the 10-year U.S. Treasury Yield fell below 2.0%. The uncertainties of the Federal Reserve policy, the effects of the currency volatility and a global slowdown have contributed to the severity of the recent pullback.

When evaluating portfolio asset allocation, many investors are looking to de-risk their portfolios using both traditional and "alternative" investments (examples below).

Traditional Equity / 10 Yr Beta	Equity Alternatives / 10 Yr Beta	Traditional Fixed / 10 Yr Beta	Fixed Inc. Alternatives / 10 Yr Beta
Large Cap Stocks / 1.0	Preferred Stock / 0.70	US Treasury / -0.34	Private Real Estate / 0.1
Mid Cap Stocks / 1.15	Convertible Securities / 0.79	US Agency / -0.28	Low Volatility Hedge Funds / 0.29
Small Cap Stocks / 1.17	MLP / 0.76	US Mortgage / -0.07	Private Equity / 0.45
Foreign Developed / 1.07	REIT / 1.30	US Corporates / 0.13	Infrastructure Assets / 0.80
Foreign Emerging / 1.17	Commodities / 0.64	Global Bonds / 0.03	Direct Lending / 0.05

Beta Benchmark: S&P 500; for illustrative purposes only.

One of the most important risk attributes to consider is *Beta*, a measure of the asset's sensitivity to market movements (example below). A *Beta* of 1.0 could be explained as market-like sensitivity; when the market moves by 1.0%, the asset is expected to move by 1.0%. A *Beta* of 1.1% represents a higher degree of market sensitivity; when the market moves by 1.0%, the asset is expected to move by 1.1%. Consequently, one way to reduce portfolio risk is to identify and decrease exposure to assets with a *Beta* greater than 1.0.

The *Beta* reduction process, however, should be achieved within certain risk/return parameters. Assets in an investment portfolio should not be increased/decreased based solely on Beta; it is also important to consider how assets might change in price relative to how every other asset in the portfolio might change in price. This is known as correlation. Lower correlating assets should help to lower volatility and de-risk a portfolio. Tools such as the Efficient Frontier and Monte-Carlo simulations can guide the investor to maximize the probability of achieving an expected risk/return profile.

#### Glossary:

Efficient Frontier: a set of optimal portfolios that offer the highest expected return for a defined level of risk or the lowest risk for a given level of expected return. Portfolios that lie below the Efficient Frontier are sub-optimal.

Monte-Carlo Simulation: quantitative risk analysis technique that randomizes all possible outcomes and approximates the probability of certain outcomes.

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.



# Pensacola General Pension and Retirement Fund Total Fund Investment Summary September 30, 2015

During the quarter, the total Fund had an investment loss of \$8.5 million (-6.0% gross of fees, -6.1% net) vs. the Target Index return of -6.1%.
For the fiscal year period, the total Fund lost \$1.8 million (-1.3% gross of fees, -1.9% net) vs. the Target Index of -2.6%.
DRZ large cap value returned -13.6% for the quarter, as compared to -8.4% for the benchmark.
For the quarter, Fiduciary returned -7.2% and Vulcan returned -9.9% compared to the Russell 1000 value return of -8.4%.
For the quarter, Sawgrass large-cap growth returned -4.2% vs5.3% for the benchmark.
For the quarter, Chase large-cap growth portfolio returned -7.9% vs5.3%.
TS&W's SMID returned -7.1% for the quarter versus the benchmark -9.6%, while Frontier SMID posted a return of (-13.3% vs11.0%).
For the quarter, the EuroPacific fund returned -9.7% vs. the benchmark of -12.1%. Franklin Templeton returned -10.4% vs12.1%.
SSI returned -4.7% for the quarter as compared to -7.1% for the benchmark. Advent posted -7.8% versus the benchmark -7.1%.
MLPs had a very difficult quarter, with Salient returning -28.2% and Westwood MLP returning -26.4%. We believe this is an overreaction to low oil prices and a potential Fed rate hike. Volumes going through pipelines remain high, yields are attractive and balance sheets remain strong.
Real estate had another strong quarter, with JP Morgan posting a return of +3.4% and UBS returning +3.4% for the quarter.
For the quarter, Integrity returned +1.2% vs. +0.9% for the benchmark.
Garcia Hamilton returned +1.7% for the quarter versus the benchmark +0.9%. The TIPS bond ETF returned -1.1% for the quarter.
For the three-year period, the total Fund averaged +7.9% (net). The five-year return averaged +8.2% (net). Both are ahead of the actuarial assumption rate and rank in the top 21% for the 3 and 5 year periods in the BNY Mellon Public Funds Universe.

# Pensacola General Pension and Retirement Fund Total Fund Investment Policy Review September 30, 2015

The total Fund's three-year performance achieved the 7.8% actuarial assumption rate.  The total Fund's three-year performance achieved the target index.  The total Fund's three-year performance ranked in the top 50th percentile of a public pension funds universe.  The total Fund's five-year performance achieved the 7.8% actuarial assumption rate.  The total Fund's five-year performance achieved the target index.  The total Fund's five-year performance ranked in the top 50th percentile of a public pension funds universe.	Yes	<u>No</u>
Total domestic equity three-year performance achieved the Russell 3000 Stock Index.  Total domestic equity three-year performance ranked in the top 50th percentile of a public pension funds universe.  Total domestic equity five-year performance achieved the Russell 3000 Stock Index.  Total domestic equity five-year performance ranked in the top 50th percentile of a public pension funds universe.		
DePrince, Race & Zollo (DRZ) large-cap value equity three-year performance achieved the Russell 1000 Value. DePrince, Race & Zollo (DRZ) large-cap value equity three-year performance ranked in the top 50th percentile. DePrince, Race & Zollo (DRZ) large-cap value equity five-year performance achieved the Russell 1000 Value. DePrince, Race & Zollo (DRZ) large-cap value equity five-year performance ranked in the top 50th percentile. No more than 7% (at market) of the DRZ portfolio was invested in the shares of a single corporate issuer Cash was limited to 10% of the equity portfolio.		
Fiduciary large-cap value equity three-year performance achieved the Russell 1000 Value Stock Index. Fiduciary large-cap value equity three-year performance ranked in the top 50th percentile. Fiduciary large-cap value equity five-year performance achieved the Russell 1000 Value Stock Index. Fiduciary large-cap value equity five-year performance ranked in the top 50th percentile.	N/A N/A N/A N/A	N/A N/A N/A
No more than 8% (at market) of the Fiduciary portfolio was invested in the shares of a single corporate issuer Cash was limited to 10% of the equity portfolio.		

## Pensacola General Pension and Retirement Fund Total Fund Investment Policy Review (continued) September 30, 2015

Vulcan large-cap value equity three-year performance achieved the Russell 1000 Value Stock Index. Vulcan large-cap value equity three-year performance ranked in the top 50th percentile. Vulcan large-cap value equity five-year performance achieved the Russell 1000 Value Stock Index. Vulcan large-cap value equity five-year performance ranked in the top 50th percentile. No more than 10% (at market) of the Vulcan portfolio was invested in the shares of a single corporate issuer Cash was limited to 10% of the equity portfolio.	<u>Yes</u> N/A N/A N/A N/A  N/A  N/A	No N/A N/A N/A N/A
Sawgrass large-cap growth equity three-year performance achieved the Russell 1000 Growth.  Sawgrass large-cap growth equity three-year performance ranked in the top 50th percentile.  Sawgrass large-cap growth equity five-year performance achieved the Russell 1000 Growth.  Sawgrass large-cap growth equity five-year performance ranked in the top 50th percentile.  No more than 7% (at market) of the Sawgrass portfolio was invested in the shares of a single corporate issuer Cash was limited to 10% of the equity portfolio.		
Chase large-cap growth equity three-year performance achieved the Russell 1000 Growth.  Chase large-cap growth equity three-year performance ranked in the top 50th percentile.  Chase large-cap growth equity five-year performance achieved the Russell 1000 Growth.  Chase large-cap growth equity five-year performance ranked in the top 50th percentile.  No more than 7% (at market) of the Chase portfolio was invested in the shares of a single corporate issuer Cash was limited to 10% of the equity portfolio.		
Thompson, Siegel & Walmsley SMID value equity three-year performance achieved the Russell 2500 Value. Thompson, Siegel & Walmsley SMID value equity three-year performance ranked in the top 50th percentile. Thompson, Siegel & Walmsley SMID value equity five-year performance achieved the Russell 2500 Value. Thompson, Siegel & Walmsley SMID value equity five-year performance ranked in the top 50th percentile. No more than 7% (at market) of the TSW portfolio was invested in the shares of a single corporate issuer Cash was limited to 15% of the equity portfolio.		

# Pensacola General Pension and Retirement Fund Total Fund Investment Policy Review (continued) September 30, 2015

Frontier SMID growth equity three-year performance achieved the Russell 2500 Growth.  Frontier SMID growth equity three-year performance ranked in the top 50th percentile.  Frontier SMID growth equity five-year performance achieved the Russell 2500 Growth.  Frontier SMID growth equity five-year performance ranked in the top 50th percentile.  No more than 7% (at market) of the Frontier portfolio was invested in the shares of a single corporate issuer Cash was limited to 15% of the equity portfolio.	
Total international equity three-year performance achieved the MSCI AC Wrld X US Index. Total international equity three-year performance ranked in the top 50th percentile. Total international equity five-year performance achieved the MSCI AC Wrld X US Index. Total international equity five-year performance ranked in the top 50th percentile.	
American Euro Pacific international value equity three-year performance achieved the MSCI AC Wrld X US. American Euro Pacific international value equity three-year performance ranked in the top 50th percentile. American Euro Pacific international value equity five-year performance achieved the MSCI AC Wrld X US. American Euro Pacific international value equity five-year performance ranked in the top 50th percentile.	
Franklin Templeton international value equity three-year performance achieved the MSCI AC Wrld X US. Franklin Templeton international value equity three-year performance ranked in the top 50th percentile. Franklin Templeton international value equity five-year performance achieved the MSCI AC Wrld X US. Franklin Templeton international value equity five-year performance ranked in the top 50th percentile.	

## Pensacola General Pension and Retirement Fund Total Fund Investment Policy Review (continued) September 30, 2015

Advent Convertibles three-year performance achieved the achieved the ML ALL US Converts index. Advent Convertibles three-year performance ranked in the top 50th percentile. No more than 10% (at market) of the Advent portfolio was invested in the shares of a single corporate issuer Cash was limited to 25% of the equity portfolio.		
SSI Convertibles three-year performance achieved the achieved the ML ALL US Converts index. SSI Convertibles three-year performance ranked in the top 50th percentile. No more than 10% (at market) of the SSI portfolio was invested in the shares of a single corporate issuer Cash was limited to 25% of the equity portfolio.		
The total Fixed Income annualized three-year performance achieved the Fixed Income benchmark. The total Fixed Income annualized three-year performance ranked in the top 50th percentile. The total Fixed Income annualized five-year performance achieved the Fixed Income benchmark. The total Fixed Income annualized five-year performance ranked in the top 50th percentile.		
Integrity fixed income annualized three-year performance achieved the Fixed Income benchmark. Integrity fixed income annualized three-year performance ranked in the top 50th percentile. Integrity fixed income annualized five-year performance achieved the Fixed Income benchmark. Integrity fixed income annualized five-year performance ranked in the top 50th percentile. Foreign fixed income securities shall not exceed 5% (at market) of the Integrity portfolio. No more than 10% (at cost) of the Integrity portfolio was invested in the shares of a single corporate issuer		
Bonds rated below "A" < 25% of total fixed income portfolio. CMOs <25% of the total fixed income portfolio.	$\boxtimes$	
All stocks issued by a corporation were listed on one or more of the recognized market systems.  No more than 5% (at market) of the Fund's total equity portfolio were invested in the shares of a single corporate issuer.  Total equity did not exceed 80% or fall below 60% (at market) of the Fund's total assets (actual: 63.0%).  No more than 25% of the Fund's assets (at market) were invested in foreign securities (actual: 17.1%).  No more than 15% of the total Fund at market was invested in Real Estate.		

### Pensacola General Pension and Retirement Fund Total Fund Opportunity Gains & Losses September 30, 2010 Through September 30, 2015

	QUARTER TO DATE	ONE YEAR	THREE YEARS	FOUR YEARS	FIVE YEARS
BEGINNING MKT VALUE	142,194,955.97	139,013,569.43	120,535,596.41	105,289,611.22	109,945,161.37
NET CONTRIBUTIONS	(3,255,860.57)	(6,795,354.72)	(21,585,014.07)	(26,559,793.81)	(30,986,565.30)
INVESTMENT EARNINGS	(8,475,868.87)	(1,754,988.18)	31,512,644.19	51,733,409.12	51,504,630.46
ENDING MKT VALUE	130,463,226.53	130,463,226.53	130,463,226.53	130,463,226.53	130,463,226.53
NET TIME WEIGHTED RETURN	(6.13)	(1.94)	7.85	10.57	8.20
TARGET INDEX	(6.06)	(2.55)	8.05	10.73	8.80

# Pensacola General Pension and Retirement Fund Total Fund Actual vs Target Asset Allocation September 30, 2015

#### **ACTUAL ASSET ALLOCATION**

# REAL ESTATE 10.83% FIXED INCOME 26.16% INFRASTRUCTURE 3.32% CONVERTIBLE 7.92% INTERNATIONAL 14.20% DOMESTIC EQUITY 37.57%

#### TARGET ASSET ALLOCATION

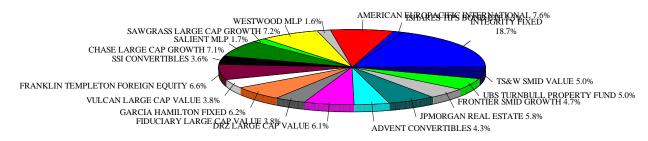


	MARKET VALUE ACTUAL	PERCENT ACTUAL	MARKET VALUE TARGET	PERCENT TARGET	MARKET VALUE DIFFERENCE	PERCENT DIFFERENCE
DOMESTIC EQUITY	40 014 202 9	27.60/	52 195 200 (	40.00/	(2.171.096.9)	(2.40/)
DOMESTIC EQUITY	49,014,203.8	37.6%	52,185,290.6	40.0%	(3,171,086.8)	(2.4%)
INTERNATIONAL	18,528,226.6	14.2%	19,569,484.0	15.0%	(1,041,257.4)	(0.8%)
CONVERTIBLE	10,337,662.6	7.9%	9,132,425.9	7.0%	1,205,236.7	0.9%
INFRASTRUCTURE	4,327,368.2	3.3%	6,523,161.3	5.0%	(2,195,793.1)	(1.7%)
REAL ESTATE	14,123,118.3	10.8%	10,437,058.1	8.0%	3,686,060.1	2.8%
FIXED INCOME	34,132,647.1	26.2%	32,615,806.6	25.0%	1,516,840.5	1.2%
TOTAL FUND	\$130,463,226.5	100.0%	\$130,463,226.5	100.0%	\$0.0	0.0%



## Pensacola General Pension and Retirement Fund Total Fund Asset Allocation

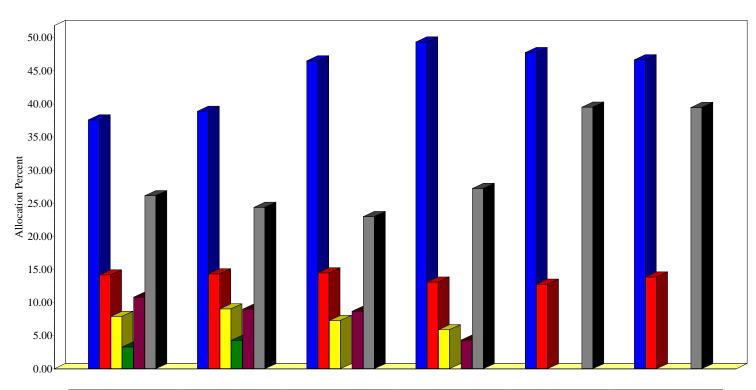
#### TOTAL MARKET VALUE AS OF SEPTEMBER 30, 2015 \$ 130,463,227



	VALUE	PERCENT
INTEGRITY FIXED	24,393,722	18.70
AMERICAN EUROPACIFIC INTERNATIONAL	9,947,564	7.62
SAWGRASS LARGE CAP GROWTH	9,406,480	7.21
CHASE LARGE CAP GROWTH	9,271,300	7.11
FRANKLIN TEMPLETON FOREIGN EQUITY	8,580,662	6.58
GARCIA HAMILTON FIXED	8,075,262	6.19
DRZ LARGE CAP VALUE	7,947,649	6.09
JPMORGAN REAL ESTATE	7,557,836	5.79
UBS TURNBULL PROPERTY FUND	6,565,283	5.03
TS&W SMID VALUE	6,459,670	4.95
FRONTIER SMID GROWTH	6,107,622	4.68
ADVENT CONVERTIBLES	5,594,770	4.29
FIDUCIARY LARGE CAP VALUE	4,913,166	3.77
VULCAN LARGE CAP VALUE	4,908,317	3.76
SSI CONVERTIBLES	4,742,893	3.64
SALIENT MLP	2,198,347	1.69
WESTWOOD MLP	2,129,021	1.63
ISHARES TIPS BOND ETF	1,663,663	1.27



# Pensacola General Pension and Retirement Fund Total Fund Asset Distribution September 30, 2015



	QUARTER TO DATE	1 YEAR	2 YEARS	3 YEARS	4 YEARS	5 YEARS
DOMESTIC EQUITY	37.57	38.88	46.50	49.37	47.74	46.64
INTERNATIONAL	14.20	14.36	14.49	13.12	12.77	13.90
CONVERTIBLE	7.92	9.04	7.30	5.88	N/A	N/A
INFRASTRUCTURE	3.32	4.29	N/A	N/A	N/A	N/A
REAL ESTATE	10.83	9.02	8.70	4.37	N/A	N/A
FIXED INCOME	26.16	24.40	23.00	27.26	39.49	39.46



# Pensacola General Pension and Retirement Fund Total Fund September 30, 2015

## **Gross of Fees**

		QTD	1 Year	2 Year	3 Year	5 Year
Name	Market Values	ROR	ROR	ROR	ROR	ROR
DRZ Large Cap Value	7,947,649	-13.6%	-12.6%	0.0%	8.5%	9.6%
Fiduciary Large Cap Value	4,913,166	-7.2%	0.7%	N/A	N/A	N/A
Vulcan Large Cap Value	4,908,317	-9.9%	-2.5%	N/A	N/A	N/A
Sawgrass Large Cap Growth	9,406,480	-4.2%	2.1%	10.4%	13.5%	14.8%
Chase Large Cap Growth	9,271,300	-7.9%	4.9%	13.4%	14.4%	14.5%
TS&W SMID Value	6,459,670	-7.1%	2.3%	7.1%	16.7%	14.5%
Frontier SMID Growth	6,107,622	-13.3%	1.4%	6.5%	14.3%	13.5%
Total Domestic Equity	49,014,204	-9.0%	-0.8%	7.6%	12.9%	13.1%
American EuroPacific International	9,947,564	-9.7%	-4.5%	1.3%	6.9%	5.1%
Franklin Templeton Foreign Equity	8,580,662	-10.4%	-9.0%	-2.4%	5.2%	4.1%
Total International Equity	18,528,227	-10.0%	-6.6%	-0.5%	6.1%	4.6%
Advent Convertibles	5,594,770	-7.8%	-2.0%	4.5%	9.4%	N/A
SSI Convertibles	4,742,893	-4.7%	-0.4%	7.2%	10.2%	N/A
Total Convertible	10,337,663	-6.5%	-1.3%	5.6%	9.6%	N/A
Salient MLP	2,198,347	-28.2%	-37.6%	N/A	N/A	N/A
Westwood MLP	2,129,021	-26.4%	-38.1%	N/A	N/A	N/A
Total Infrastructure	4,327,368	-27.3%	-37.9%	N/A	N/A	N/A
JPMorgan Real Estate	7,557,836	3.4%	14.5%	13.3%	13.9%	N/A
UBS Turnbull Property Fund	6,565,283	3.4%	12.9%	11.9%	N/A	N/A
Total Real Estate	14,123,118	3.4%	13.8%	12.6%	12.9%	N/A
Integrity Fixed	24,393,722	1.2%	2.6%	3.8%	2.3%	3.8%
Garcia Hamilton Fixed	8,075,262	1.7%	N/A	N/A	N/A	N/A
iShares TIPS Bond ETF	1,663,663	-1.1%	N/A	N/A	N/A	N/A
Total Fixed Income	34,132,647	1.2%	2.3%	3.3%	1.6%	3.5%
Total Fund (1, 2)	130,463,227	-6.0%	-1.3%	5.1%	8.5%	8.8%
Target Index	,	-6.1%	-2.6%	4.5%	8.1%	8.8%
Russell 3000		-7.2%	-0.5%	8.2%	12.5%	13.3%
Russell 1000 Value		-8.4%	-4.4%	6.6%	11.6%	12.3%
Russell 1000 Growth		-5.3%	3.2%	10.9%	13.6%	14.5%
Russell 2500 Value		-9.6%	-2.4%	3.5%	11.0%	11.5%
Russell 2500 Growth		-11.0%	3.4%	5.7%	13.8%	13.9%
MSCI AC Wrld X US		-12.1%	-11.8%	-3.7%	2.8%	2.3%
ML All US Converts		-7.1%	-2.2%	5.6%	10.6%	9.0%
Alerian MLP Index TR		-22.1%	-39.2%	-12.5%	-3.6%	3.9%



# Pensacola General Pension and Retirement Fund Total Fund September 30, 2015

### **Gross of Fees**

		QTD	1 Year	2 Year	3 Year	5 Year
Name	Market Values	ROR	ROR	ROR	ROR	ROR
NCREIF ODCE		3.7%	14.9%	13.6%	13.4%	14.0%
Fixed Income Bnch		0.9%	2.7%	2.7%	1.2%	2.8%
BC TIPS		-1.1%	-0.8%	0.4%	-1.8%	2.5%

<sup>1</sup> Target Index as of Mar 1, 2014: 30% Russell 1000 + 10% Russell 2500 + 15% MSCI ACWI + 5% Alerian MLP + 8% NCREIF-ODCE + 7% ML All US Convertible + 25% BC U.S Int. Gov/Credit Bond. Prior as of Jan 1, 2013: 32% Russell 1000 + 10% Russell 2500 + 15% MSCI EAFE + 8% NCREIF-ODCE + 10% ML All US Convertible + 25% BC Aggregrate Bond. Prior as of Sept '12, 35% Russell 1000 + 10% Russell 2500 + 15% MSCI EAFE + 5% NCREIF-ODCE + 10% ML All US Convertible + 25% BC Aggregrate Bond. Prior as of Nov '11, 40% Russell 1000 + 10% Russell 2500 + 15% MSCI EAFE + 10% ML All US Convertible + 25% BC Aggregrate Bond. Prior as of Aug '09 50% Russell 3000 + 15% MSCI EAFE + 35% Barclays Aggregate; prior 50% Russell 3000 + 15% MSCI EAFE + 35% ML Govt/Corp Bond Index.



<sup>2</sup> Fixed Income Benchmark: As of Mar 1, 2014:100% Barclay's U.S. Int. Gov/Credit Bond Index. Prior as of Aug '09: 100% Barclay's Aggregate Bond Index; prior was 100% ML Govt/Corp Bond Index.

# Pensacola General Pension and Retirement Fund Total Fund September 30, 2015 Net of Fees

		QTD	1 Year	2 Year	3 Year	5 Year
Name	Market Values	ROR	ROR	ROR	ROR	ROR
DRZ Large Cap Value	7,947,649	-13.8%	-13.1%	-0.6%	7.8%	8.9%
Fiduciary Large Cap Value	4,913,166	-7.4%	0.1%	N/A	N/A	N/A
Vulcan Large Cap Value	4,908,317	-10.1%	-3.3%	N/A	N/A	N/A
Sawgrass Large Cap Growth	9,406,480	-4.3%	1.5%	9.9%	12.9%	14.2%
Chase Large Cap Growth	9,271,300	-8.0%	4.2%	12.7%	13.6%	13.8%
TS&W SMID Value	6,459,670	-7.3%	1.4%	6.2%	15.8%	13.6%
Frontier SMID Growth	6,107,622	-13.5%	0.4%	5.4%	13.2%	12.4%
Total Domestic Equity	49,014,204	-9.1%	-1.5%	6.9%	12.2%	12.3%
American EuroPacific International	9,947,564	-9.8%	-4.9%	0.8%	6.4%	4.5%
Franklin Templeton Foreign Equity	8,580,662	-10.5%	-9.7%	-3.2%	4.4%	3.2%
Total International Equity	18,528,227	-10.2%	-7.2%	-1.1%	5.4%	3.9%
Advent Convertibles	5,594,770	-8.0%	-2.8%	3.7%	8.4%	N/A
SSI Convertibles	4,742,893	-4.9%	-1.3%	6.3%	9.3%	N/A
Total Convertible	10,337,663	-6.6%	-2.1%	4.7%	8.7%	N/A
Salient MLP	2,198,347	-28.3%	-38.1%	N/A	N/A	N/A
Westwood MLP	2,129,021	-26.6%	-38.7%	N/A	N/A	N/A
Total Infrastructure	4,327,368	-27.4%	-38.4%	N/A	N/A	N/A
JPMorgan Real Estate	7,557,836	3.1%	13.4%	12.2%	12.8%	N/A
UBS Turnbull Property Fund	6,565,283	3.1%	11.6%	10.6%	N/A	N/A
Total Real Estate	14,123,118	3.1%	12.6%	11.5%	11.7%	N/A
Integrity Fixed	24,393,722	1.2%	2.3%	3.5%	2.0%	3.5%
Garcia Hamilton Fixed	8,075,262	1.7%	N/A	N/A	N/A	N/A
iShares TIPS Bond ETF	1,663,663	-1.2%	N/A	N/A	N/A	N/A
Total Fixed Income	34,132,647	1.1%	2.1%	3.0%	1.3%	3.2%
Total Fund (1, 2)	130,463,227	-6.1%	-1.9%	4.5%	7.9%	8.2%
Target Index		-6.1%	-2.6%	4.5%	8.1%	8.8%
Russell 3000		-7.2%	-0.5%	8.2%	12.5%	13.3%
Russell 1000 Value		-8.4%	-4.4%	6.6%	11.6%	12.3%
Russell 1000 Growth		-5.3%	3.2%	10.9%	13.6%	14.5%
Russell 2500 Value		-9.6%	-2.4%	3.5%	11.0%	11.5%
Russell 2500 Growth		-11.0%	3.4%	5.7%	13.8%	13.9%
MSCI AC Wrld X US		-12.1%	-11.8%	-3.7%	2.8%	2.3%
ML All US Converts		-7.1%	-2.2%	5.6%	10.6%	9.0%
Alerian MLP Index TR		-22.1%	-39.2%	-12.5%	-3.6%	3.9%



# Pensacola General Pension and Retirement Fund Total Fund September 30, 2015

#### **Net of Fees**

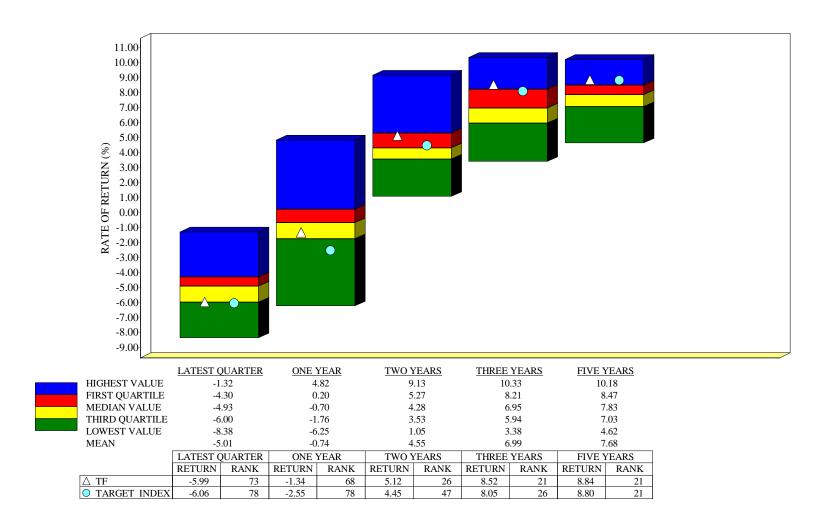
		QTD	1 Year	2 Year	3 Year	5 Year
Name	Market Values	ROR	ROR	ROR	ROR	ROR
NCREIF ODCE		3.7%	14.9%	13.6%	13.4%	14.0%
Fixed Income Bnch		0.9%	2.7%	2.7%	1.2%	2.8%
BC TIPS		-1.1%	-0.8%	0.4%	-1.8%	2.5%

<sup>1</sup> Target Index as of Mar 1, 2014: 30% Russell 1000 + 10% Russell 2500 + 15% MSCI ACWI + 5% Alerian MLP + 8% NCREIF-ODCE + 7% ML All US Convertible + 25% BC U.S Int. Gov/Credit Bond. Prior as of Jan 1, 2013: 32% Russell 1000 + 10% Russell 2500 + 15% MSCI EAFE + 8% NCREIF-ODCE + 10% ML All US Convertible + 25% BC Aggregrate Bond. Prior as of Sept '12, 35% Russell 1000 + 10% Russell 2500 + 15% MSCI EAFE + 5% NCREIF-ODCE + 10% ML All US Convertible + 25% BC Aggregrate Bond. Prior as of Nov '11, 40% Russell 1000 + 10% Russell 2500 + 15% MSCI EAFE + 10% ML All US Convertible + 25% BC Aggregrate Bond. Prior as of Aug '09 50% Russell 3000 + 15% MSCI EAFE + 35% Barclays Aggregate; prior 50% Russell 3000 + 15% MSCI EAFE + 35% ML Govt/Corp Bond Index.



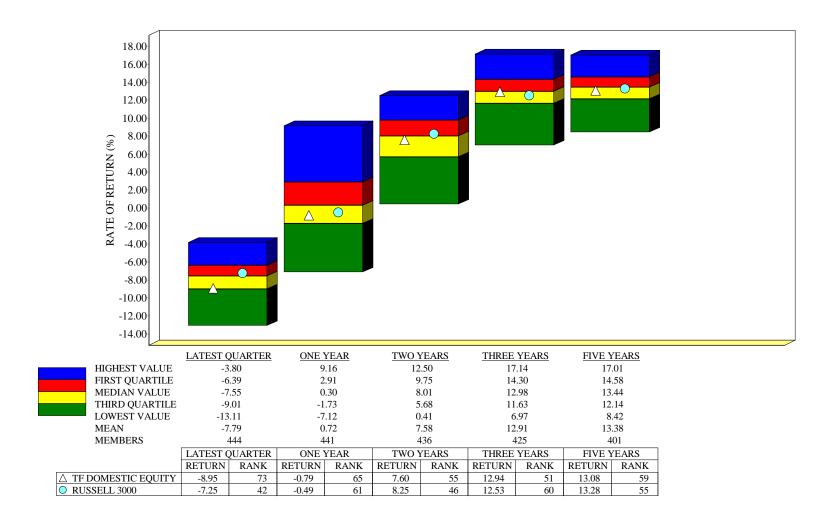
<sup>2</sup> Fixed Income Benchmark: As of Mar 1, 2014:100% Barclay's U.S. Int. Gov/Credit Bond Index. Prior as of Aug '09: 100% Barclay's Aggregate Bond Index; prior was 100% ML Govt/Corp Bond Index.

## Pensacola General Pension and Retirement Fund Quartile Ranking Total Fund Versus BNY Mellon Public Funds Universe September 30, 2010 Through September 30, 2015



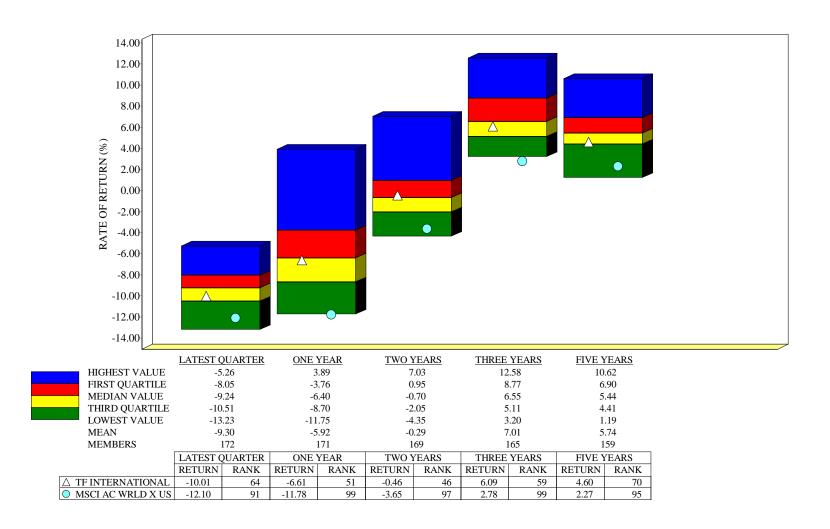


## Pensacola General Pension and Retirement Fund Quartile Ranking Domestic Equity Versus Russell 3000 September 30, 2010 Through September 30, 2015



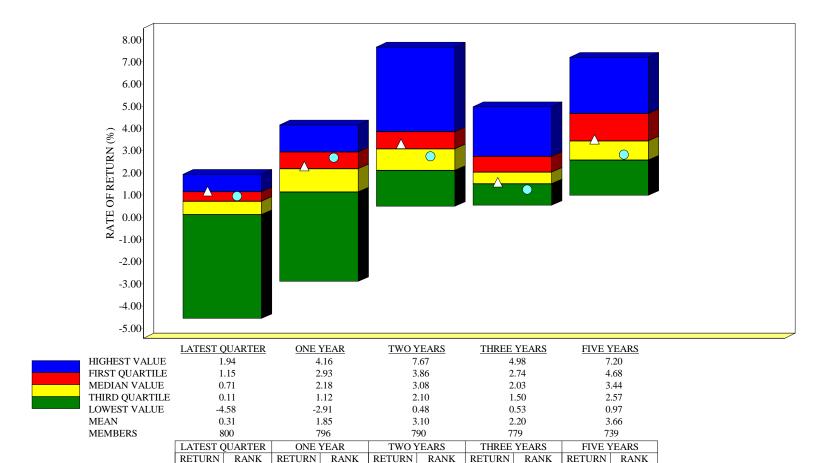


## Pensacola General Pension and Retirement Fund Quartile Ranking International Versus MSCI ACWI September 30, 2010 Through September 30, 2015





## Pensacola General Pension and Retirement Fund Quartile Ranking Fixed Income Versus Fixed Income September 30, 2010 Through September 30, 2015





3.30

2.73

44

61

1.57

1.24

72

83

3.51

2.81

47

△ TF FIXED INCOME

FIXED INCOME BNCH

1.18

0.95

23

35

2.30

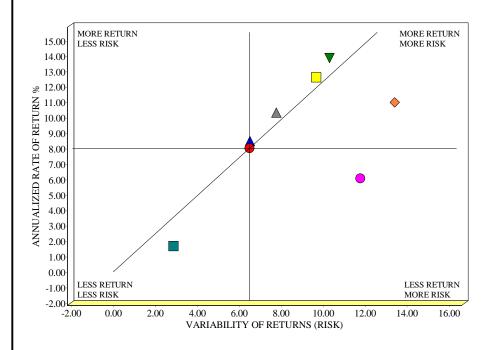
2.67

46

34

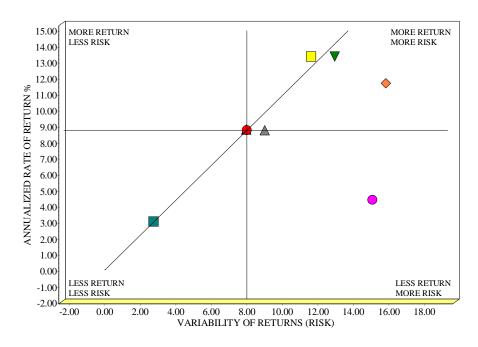
# Pensacola General Pension and Retirement Fund Total Fund Capital Market Line Period Ending September 30, 2015

### 3-Year Risk/Reward



	RETURN	STD DEV	BETA	ALPHA	R-SQUARED
▲ TOTAL FUND	8.52	6.51	1.00	0.46	98.78
<ul><li>TARGET INDEX</li></ul>	8.05	6.49	1.00	0.00	100.00
☐ RUSSELL 1000 INDEX	12.66	9.66	1.00	0.00	100.00
▼ RUSSELL MIDCAP	13.91	10.30	1.00	0.00	100.00
RUSSELL 2000	11.02	13.40	1.00	0.00	100.00
▲ ML CNV X144A ALLQUAL	10.37	7.76	1.00	0.00	100.00
<ul> <li>MSCI GROSS EAFE</li> </ul>	6.08	11.78	1.00	0.00	100.00
■ BC AGGREGATE	1.71	2.86	1.00	0.00	100.00

#### 5-Year Risk/Reward



	RETURN	STD DEV	BETA	ALPHA	R-SQUARED
▲ TOTAL FUND	8.84	7.97	0.99	0.13	98.64
<ul><li>TARGET INDEX</li></ul>	8.80	8.01	1.00	0.00	100.00
■ RUSSELL 1000 INDEX	13.42	11.62	1.00	0.00	100.00
▼ RUSSELL MIDCAP	13.40	12.95	1.00	0.00	100.00
RUSSELL 2000	11.73	15.83	1.00	0.00	100.00
▲ ML CNV X144A ALLQUAL	8.81	9.01	1.00	0.00	100.00
<ul> <li>MSCI GROSS EAFE</li> </ul>	4.45	15.08	1.00	0.00	100.00
■ BC AGGREGATE	3.10	2.75	1.00	0.00	100.00

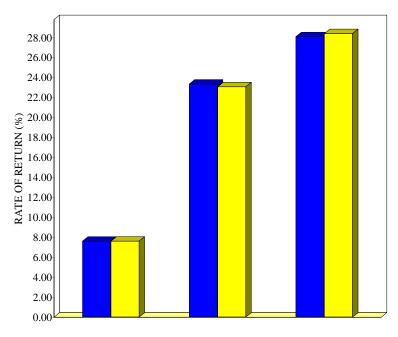


# Pensacola General Pension and Retirement Fund Total Fund

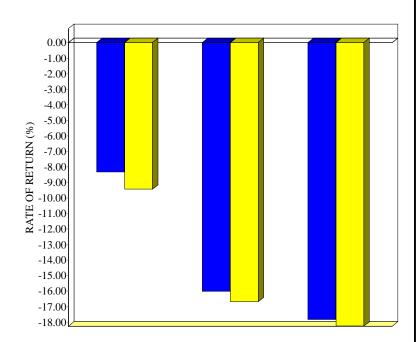
# Performance in Rising and Declining Markets September 30, 2010 Through September 30, 2015

#### UP MARKET PERFORMANCE

#### DOWN MARKET PERFORMANCE



	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	7.63	23.37	28.09
TARGET INDEX	7.63	23.07	28.39
DIFFERENCE	0.00	0.30	-0.30
RATIO	1.00	1.01	0.99
UP PERIODS	6	24	38

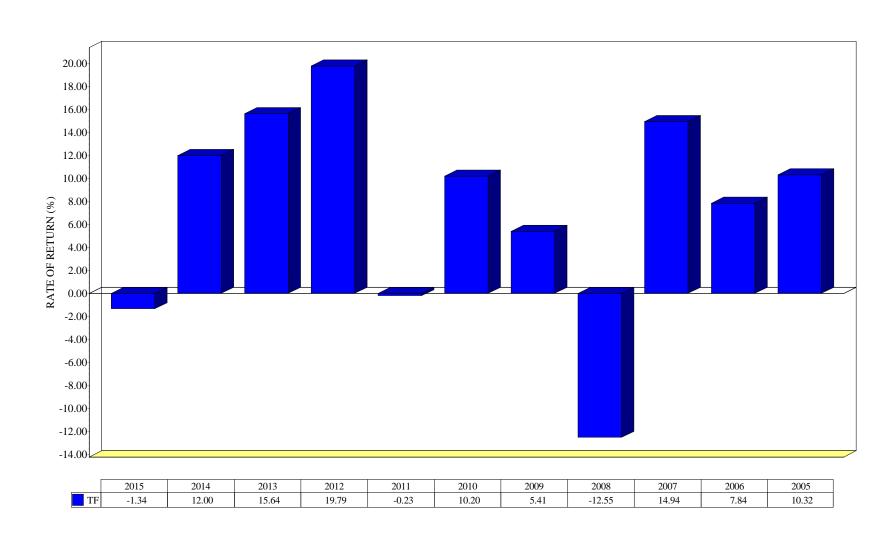


	ONE YEAR	THREE YEARS	FIVE YEARS
TOTAL FUND	-8.34	-16.04	-17.85
TARGET INDEX	-9.46	-16.70	-18.27
DIFFERENCE	1.12	0.66	0.42
RATIO	0.88	0.96	0.98
DOWN PERIODS	6	12	22



### Pensacola General Pension and Retirement Fund Total Fund

Fiscal Year Rates of Return (September 30) September 30, 2004 Through September 30, 2015





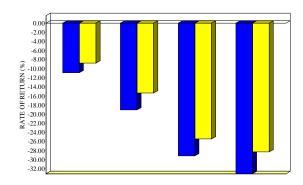
# Pensacola General Pension and Retirement Fund DRZ Large Cap Value Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	-12.61	99	1.15	-8.02	12.52	-1.01
THREE YEARS	8.48	94	1.11	-3.95	11.60	0.73
FIVE YEARS	9.55	98	1.12	-3.77	13.98	0.68

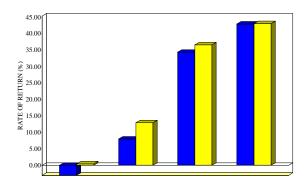
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
DRZ LARGE CAP VALUE	-13.63	-12.61	8.48	9.55
RUSSELL 1000 VALUE	-8.39	-4.42	11.59	12.29
EXCESS	-5.23	-8.18	-3.12	-2.73
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	-13.33	-12.51	7.58	7.76

# 

#### DOWN MARKET PERFORMANCE



			THREE	
	QTD	ONE YEAR	YEARS	FIVE YEARS
DRZ LARGE CAP VALUE	-10.92	-19.10	-29.22	-33.10
RUSSELL 1000 VALUE	-8.79	-15.36	-25.46	-28.34
DIFFERENCE	-2.12	-3.74	-3.76	-4.77
RATIO	1.24	1.24	1.15	1.17
DOWN PERIODS	2	5	12	21

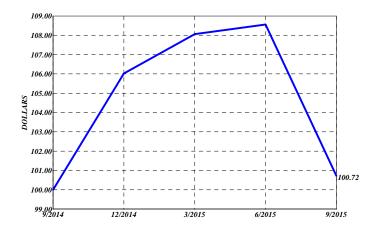


			THREE		
	QTD	ONE YEAR	YEARS	FIVE YEARS	
DRZ LARGE CAP VALUE	-3.04	8.03	34.30	42.88	
RUSSELL 1000 VALUE	0.44	12.92	36.54	43.00	
DIFFERENCE	-3.48	-4.89	-2.24	-0.12	
RATIO	-6.94	0.62	0.94	1.00	
UP PERIODS	1	7	24	39	

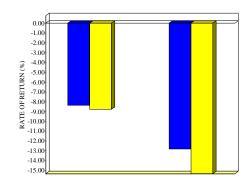
# Pensacola General Pension and Retirement Fund Fiduciary Large Cap Value Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	0.72	10	0.97	5.11	9.89	0.07

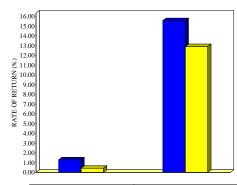
		ONE
	QTD	YEAR
FIDUCIARY LARGE CAP VAL	-7.22	0.72
RUSSELL 1000 VALUE	-8.39	-4.42
EXCESS	1.17	5.14
RISKLESS INDEX	0.01	0.02
REAL ROR	-6.92	0.76



#### DOWN MARKET PERFORMANCE



		QTD	ONE YEAR
j	FIDUCIARY LARGE CAP VALUE	-8.40	-12.84
	RUSSELL 1000 VALUE	-8.79	-15.36
F	DIFFERENCE	0.40	2.52
	RATIO	0.95	0.84
İ	DOWN PERIODS	2	5



		QTD	ONE YEAR
	FIDUCIARY LARGE CAP VALUE	1.29	15.56
	RUSSELL 1000 VALUE	0.44	12.92
Г	DIFFERENCE	0.85	2.64
	RATIO	2.93	1.20
	UP PERIODS	1	7

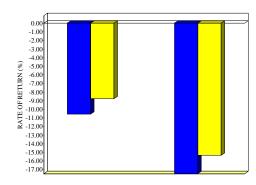
# Pensacola General Pension and Retirement Fund Vulcan Large Cap Value Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	-2.52	34	1.21	3.09	12.51	-0.20

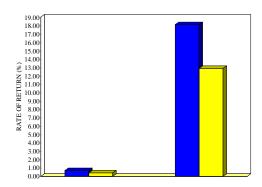
		ONE
	QTD	YEAR
VULCAN LARGE CAP VALUE	-9.95	-2.52
RUSSELL 1000 VALUE	-8.39	-4.42
EXCESS	-1.55	1.90
RISKLESS INDEX	0.01	0.02
REAL ROR	-9.65	-2.51

# 

#### DOWN MARKET PERFORMANCE



	QTD	ONE YEAR
VULCAN LARGE CAP VALUE	-10.59	-17.50
RUSSELL 1000 VALUE	-8.79	-15.36
DIFFERENCE	-1.79	-2.14
RATIO	1.20	1.14
DOWN PERIODS	2	5



	QTD	ONE YEAR
VULCAN LARGE CAP VALUE	0.72	18.16
RUSSELL 1000 VALUE	0.44	12.92
DIFFERENCE	0.28	5.24
RATIO	1.63	1.41
UP PERIODS	1	7

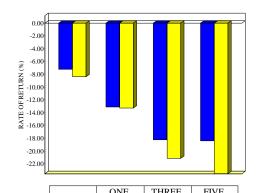
# Pensacola General Pension and Retirement Fund Sawgrass Large Cap Growth Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	2.10	64	0.95	-0.90	10.75	0.19
THREE YEARS	13.51	50	0.91	1.05	9.40	1.43
FIVE YEARS	14.79	34	0.84	2.35	10.12	1.45

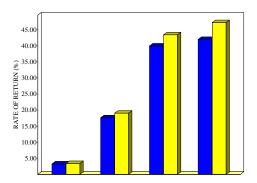
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
SAWGRASS LARGE CAP GRO	-4.21	2.10	13.51	14.79
RUSSELL 1000 GROWTH	-5.29	3.17	13.61	14.47
EXCESS	1.08	-1.08	-0.09	0.31
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	-3.91	2.11	12.55	12.91



#### DOWN MARKET PERFORMANCE



		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
SAWGRASS LARGE CAP GROWTH	-7.25	-13.16	-18.28	-18.44
RUSSELL 1000 GROWTH	-8.40	-13.31	-21.21	-23.58
DIFFERENCE	1.15	0.15	2.93	5.15
RATIO	0.86	0.99	0.86	0.78
DOWN PERIODS	2	6	14	23



			THREE	FIVE	
	QTD	ONE YEAR	YEARS	YEARS	
SAWGRASS LARGE CAP GROWTH	3.27	17.57	39.91	41.95	ı
RUSSELL 1000 GROWTH	3.39	19.01	43.39	47.17	ı
DIFFERENCE	-0.12	-1.44	-3.48	-5.21	ı
RATIO	0.97	0.92	0.92	0.89	ı
UP PERIODS	1	6	22	37	1

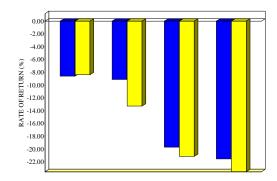
# Pensacola General Pension and Retirement Fund Chase Large Cap Growth Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	4.89	24	0.88	2.06	10.58	0.46
THREE YEARS	14.37	31	1.02	0.54	10.82	1.32
FIVE YEARS	14.51	39	0.93	0.95	11.45	1.26

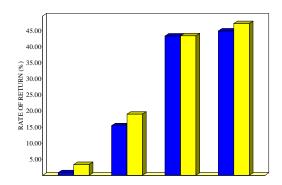
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
CHASE LARGE CAP GROWTH	-7.89	4.89	14.37	14.51
RUSSELL 1000 GROWTH	-5.29	3.17	13.61	14.47
EXCESS	-2.60	1.72	0.76	0.03
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	-7.59	4.97	13.42	12.64

# 

#### DOWN MARKET PERFORMANCE



			THREE	FIVE
	QTD	ONE YEAR	YEARS	YEARS
CHASE LARGE CAP GROWTH	-8.65	-9.16	-19.75	-21.57
RUSSELL 1000 GROWTH	-8.40	-13.31	-21.21	-23.58
DIFFERENCE	-0.25	4.15	1.46	2.01
RATIO	1.03	0.69	0.93	0.91
DOWN PERIODS	2	6	14	23



			THREE	FIVE	
	QTD	ONE YEAR	YEARS	YEARS	
CHASE LARGE CAP GROWTH	0.83	15.47	43.29	44.88	ı
RUSSELL 1000 GROWTH	3.39	19.01	43.39	47.17	ı
DIFFERENCE	-2.56	-3.54	-0.11	-2.29	ı
RATIO	0.25	0.81	1.00	0.95	ı
UP PERIODS	1	6	22	37	ı

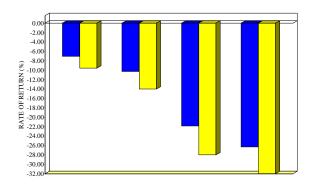
# Pensacola General Pension and Retirement Fund TS&W SMID Value Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	2.27	25	0.97	4.64	9.63	0.23
THREE YEARS	16.74	1	0.95	5.60	11.23	1.49
FIVE YEARS	14.51	9	0.88	3.89	12.77	1.13

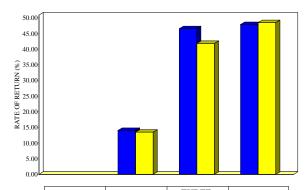
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
TS&W SMID VALUE	-7.10	2.27	16.74	14.51
RUSSELL 2500 VALUE	-9.58	-2.44	11.00	11.49
EXCESS	2.49	4.71	5.74	3.02
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	-6.80	2.31	15.79	12.63

# 210.00 200.00 190.00 180.00 170.00 150.00 140.00 120.00 110.00 120.00 110.00 12

#### DOWN MARKET PERFORMANCE



			THREE	
	QTD	ONE YEAR	YEARS	FIVE YEARS
TS&W SMID VALUE	-7.10	-10.32	-21.89	-26.35
RUSSELL 2500 VALUE	-9.58	-14.04	-28.03	-32.02
DIFFERENCE	2.49	3.72	6.14	5.67
RATIO	0.74	0.73	0.78	0.82
DOWN PERIODS	3	6	13	22



			THREE		
	QTD	ONE YEAR	YEARS	FIVE YEARS	
TS&W SMID VALUE	N/A	14.04	46.50	47.85	
RUSSELL 2500 VALUE	N/A	13.50	41.80	48.46	
DIFFERENCE	N/A	0.54	4.70	-0.61	
RATIO	N/A	1.04	1.11	0.99	
UP PERIODS	0	6	23	38	

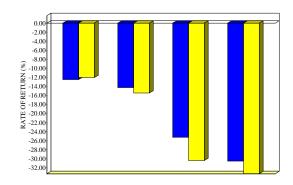
# Pensacola General Pension and Retirement Fund Frontier SMID Growth Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	1.39	58	0.94	-1.68	13.00	0.11
THREE YEARS	14.30	19	0.85	2.30	11.61	1.23
FIVE YEARS	13.54	55	0.90	0.93	14.57	0.92

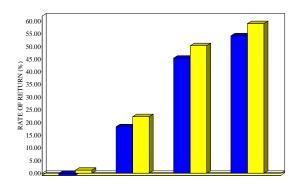
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
FRONTIER SMID GROWTH	-13.27	1.39	14.30	13.54
RUSSELL 2500 GROWTH	-11.05	3.35	13.79	13.93
EXCESS	-2.23	-1.96	0.50	-0.39
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	-12.97	1.47	13.36	11.70



#### DOWN MARKET PERFORMANCE



			THREE	
	QTD	ONE YEAR	YEARS	FIVE YEARS
FRONTIER SMID GROWTH	-12.51	-14.29	-25.31	-30.60
RUSSELL 2500 GROWTH	-12.09	-15.52	-30.45	-33.36
DIFFERENCE	-0.43	1.23	5.14	2.76
RATIO	1.04	0.92	0.83	0.92
DOWN PERIODS	2	5	13	23



			THREE	
	QTD	ONE YEAR	YEARS	FIVE YEARS
FRONTIER SMID GROWTH	-0.87	18.31	45.36	54.20
RUSSELL 2500 GROWTH	1.18	22.34	50.30	59.01
DIFFERENCE	-2.05	-4.04	-4.94	-4.81
RATIO	-0.73	0.82	0.90	0.92
UP PERIODS	1	7	23	37

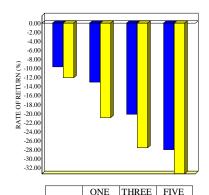
# Pensacola General Pension and Retirement Fund American EuroPacific International Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	-4.46	15	0.81	5.52	10.45	-0.43
THREE YEARS	6.88	24	0.85	4.28	10.21	0.67
FIVE YEARS	5.08	35	0.91	2.86	13.93	0.36

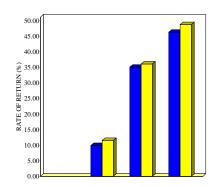
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
AMERICAN EUROPACIFIC IN	-9.70	-4.46	6.88	5.08
MSCI AC WRLD X US	-12.10	-11.78	2.78	2.27
EXCESS	2.40	7.31	4.10	2.80
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	-9.40	-4.30	5.97	3.33



#### DOWN MARKET PERFORMANCE



		ONE	THICKE	TIVE
	QTD	YEAR	YEARS	YEARS
AMERICAN EUROPACIFIC INTERNATIONAL	-9.70	-13.08	-20.20	-28.00
MSCI AC WRLD X US	-12.10	-20.93	-27.60	-33.31
DIFFERENCE	2.40	7.84	7.40	5.31
RATIO	0.80	0.63	0.73	0.84
DOWN PERIODS	3	9	16	28



		ONE	THREE	FIVE	
	QTD	YEAR	YEARS	YEARS	
AMERICAN EUROPACIFIC INTERNATIONAL	N/A	9.92	35.03	46.28	
MSCI AC WRLD X US	N/A	11.57	36.05	48.69	
DIFFERENCE	N/A	-1.65	-1.02	-2.41	
RATIO	N/A	0.86	0.97	0.95	
UP PERIODS	0	3	20	32	

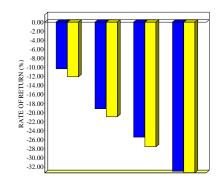
# Pensacola General Pension and Retirement Fund Franklin Templeton Foreign Equity Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	-8.98	78	0.96	2.63	12.04	-0.75
THREE YEARS	5.19	72	0.96	2.45	11.58	0.44
FIVE YEARS	4.06	82	1.00	1.79	15.43	0.26

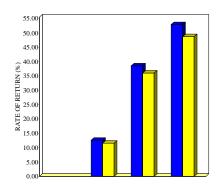
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
FRANKLIN TEMPLETON FOR	-10.37	-8.98	5.19	4.06
MSCI AC WRLD X US	-12.10	-11.78	2.78	2.27
EXCESS	1.73	2.80	2.41	1.78
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	-10.07	-8.80	4.30	2.33



#### DOWN MARKET PERFORMANCE



		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
FRANKLIN TEMPLETON FOREIGN EQUITY	-10.37	-19.17	-25.45	-32.97
MSCI AC WRLD X US	-12.10	-20.93	-27.60	-33.31
DIFFERENCE	1.73	1.75	2.15	0.34
RATIO	0.86	0.92	0.92	0.99
DOWN PERIODS	3	9	16	28



		ONE	THREE	FIVE	
	QTD	YEAR	YEARS	YEARS	
FRANKLIN TEMPLETON FOREIGN EQUITY	N/A	12.61	38.56	52.90	
MSCI AC WRLD X US	N/A	11.57	36.05	48.69	
DIFFERENCE	N/A	1.04	2.50	4.21	
RATIO	N/A	1.09	1.07	1.09	
UP PERIODS	0	3	20	32	

# Pensacola General Pension and Retirement Fund Advent Convertibles Performance Profile Period Ending September 30, 2015

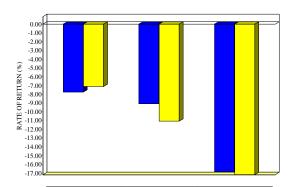
145.00

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	-2.00	57	0.91	0.08	7.58	-0.27
THREE YEARS	9.37	21	0.97	-0.81	7.87	1.18

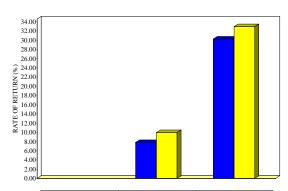
		ONE	THREE
	QTD	YEAR	YEARS
ADVENT CONVERTIBLES	-7.78	-2.00	9.37
ML ALL US CONVERTS	-7.14	-2.25	10.58
EXCESS	-0.64	0.25	-1.21
RISKLESS INDEX	0.01	0.02	0.06
REAL ROR	-7.48	-1.91	8.47

# 130.00 130.00 125.00 115.00 116.00 116.00 117.00

#### DOWN MARKET PERFORMANCE



	QTD	ONE YEAR	THREE YEARS
ADVENT CONVERTIBLES	-7.78	-9.10	-16.85
ML ALL US CONVERTS	-7.14	-11.09	-17.19
DIFFERENCE	-0.64	1.99	0.34
RATIO	1.09	0.82	0.98
DOWN PERIODS	3	7	14



	QTD	ONE YEAR	THREE YEARS
ADVENT CONVERTIBLES	N/A	7.81	30.22
ML ALL US CONVERTS	N/A	9.95	32.93
DIFFERENCE	N/A	-2.14	-2.71
RATIO	N/A	0.79	0.92
UP PERIODS	0	5	22

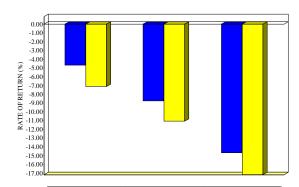
# Pensacola General Pension and Retirement Fund SSI Convertibles Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	-0.43	31	0.85	1.46	6.55	-0.07
THREE YEARS	10.15	5	0.89	0.70	7.09	1.42

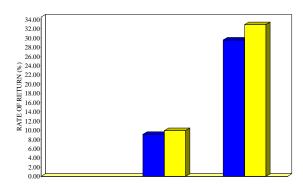
		ONE	THREE
	QTD	YEAR	YEARS
SSI CONVERTIBLES	-4.71	-0.43	10.15
ML ALL US CONVERTS	-7.14	-2.25	10.58
EXCESS	2.43	1.82	-0.43
RISKLESS INDEX	0.01	0.02	0.06
REAL ROR	-4.41	-0.37	9.23

# 133.65 130.00 125.00 115.00 110.00 100.00 100.00 95.0/2012 3/2013 9/2013 3/2014 9/2014 3/2015 9/2015

#### DOWN MARKET PERFORMANCE



	QTD	ONE YEAR	THREE YEARS
SSI CONVERTIBLES	-4.71	-8.77	-14.69
ML ALL US CONVERTS	-7.14	-11.09	-17.19
DIFFERENCE	2.43	2.32	2.50
RATIO	0.66	0.79	0.85
DOWN PERIODS	3	7	14



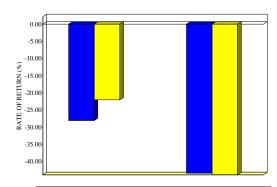
	QTD	ONE YEAR	THREE YEARS
SSI CONVERTIBLES	N/A	9.15	29.61
ML ALL US CONVERTS	N/A	9.95	32.93
DIFFERENCE	N/A	-0.81	-3.32
RATIO	N/A	0.92	0.90
UP PERIODS	0	5	22

# Pensacola General Pension and Retirement Fund Salient MLP Performance Profile Period Ending September 30, 2015

				STD	SHARPE
PERIOD	RETURN	BETA	ALPHA	DEV	RATIO
ONE YEAR	-37.61	1.10	7.86	20.03	-1.88

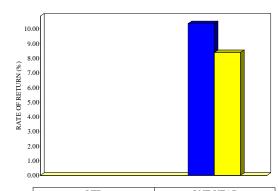
		ONE
	QTD	YEAR
TOTAL FUND	-28.15	-37.61
ALERIAN MLP INDEX TR	-22.10	-39.20
EXCESS	-6.05	1.59
RISKLESS INDEX	0.01	0.02
REAL ROR	-27.90	-37.49

#### DOWN MARKET PERFORMANCE



	QTD	ONE YEAR
TOTAL FUND	-28.15	-43.47
ALERIAN MLP INDEX TR	-22.10	-43.90
DIFFERENCE	-6.05	0.43
RATIO	1.27	0.99
DOWN PERIODS	3	10





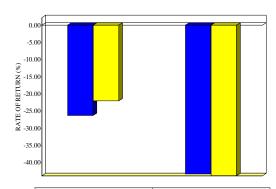
_		QTD	ONE YEAR
	TOTAL FUND	N/A	10.36
Į	ALERIAN MLP INDEX TR	N/A	8.39
	DIFFERENCE	N/A	1.97
	RATIO	N/A	1.24
ſ	UP PERIODS	0	2

# Pensacola General Pension and Retirement Fund Westwood MLP Performance Profile Period Ending September 30, 2015

				STD	SHARPE
PERIOD	RETURN	BETA	ALPHA	DEV	RATIO
ONE YEAR	-38.13	1.03	3.10	18.26	-2.09

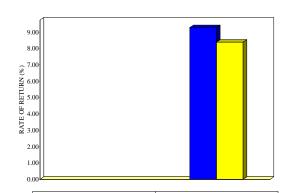
		ONE
	QTD	YEAR
TOTAL FUND	-26.37	-38.13
ALERIAN MLP INDEX TR	-22.10	-39.20
EXCESS	-4.27	1.06
RISKLESS INDEX	0.01	0.02
REAL ROR	-26.12	-38.02

#### DOWN MARKET PERFORMANCE



	QTD	ONE YEAR
TOTAL FUND	-26.37	-43.39
ALERIAN MLP INDEX TR	-22.10	-43.90
DIFFERENCE	-4.27	0.52
RATIO	1.19	0.99
DOWN PERIODS	3	10





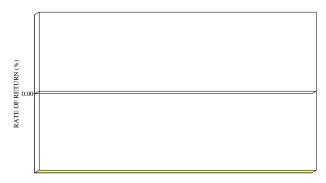
	QTD	ONE YEAR
TOTAL FUND	N/A	9.28
ALERIAN MLP INDEX TR	N/A	8.39
DIFFERENCE	N/A	0.89
RATIO	N/A	1.11
UP PERIODS	0	2

# Pensacola General Pension and Retirement Fund JPMorgan Real Estate Performance Profile Period Ending September 30, 2015

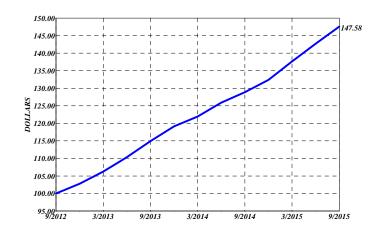
				STD	SHARPE
PERIOD	RETURN	BETA	ALPHA	DEV	RATIO
ONE YEAR	14.52	0.12	11.91	1.43	10.12
THREE YEARS	13.85	0.13	11.38	1.33	10.38

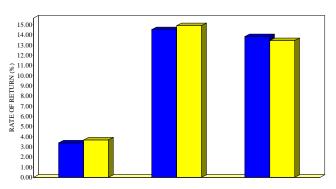
		ONE	THREE
	QTD	YEAR	YEARS
TOTAL FUND	3.40	14.52	13.85
NCREIF ODCE	3.68	14.92	13.44
EXCESS	-0.28	-0.39	0.41
RISKLESS INDEX	0.01	0.02	0.06
REAL ROR	3.70	14.64	12.88

#### DOWN MARKET PERFORMANCE



	QTD	ONE YEAR	THREE YEARS
TOTAL FUND	N/A	N/A	N/A
NCREIF ODCE	N/A	N/A	N/A
DIFFERENCE	N/A	N/A	N/A
RATIO	N/A	N/A	N/A
DOWN PERIODS	0	0	0





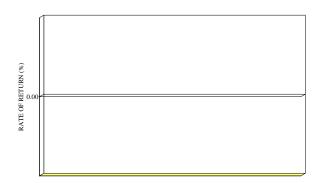
		QTD	ONE YEAR	THREE YEARS
	TOTAL FUND	3.40	14.52	13.85
	NCREIF ODCE	3.68	14.92	13.44
	DIFFERENCE	-0.28	-0.39	0.41
	RATIO	0.92	0.97	1.03
Γ	UP PERIODS	3	12	36

# Pensacola General Pension and Retirement Fund UBS Turnbull Property Fund Performance Profile Period Ending September 30, 2015

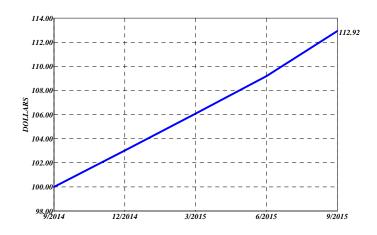
				STD	SHARPE
PERIOD	RETURN	BETA	ALPHA	DEV	RATIO
ONE YEAR	12.92	0.87	0.05	5.05	2.55

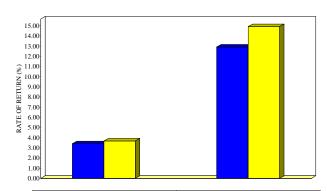
		ONE
	QTD	YEAR
TOTAL FUND	3.42	12.92
NCREIF ODCE	3.68	14.92
EXCESS	-0.26	-2.00
RISKLESS INDEX	0.01	0.02
REAL ROR	3.72	13.03

#### DOWN MARKET PERFORMANCE



	QTD	ONE YEAR
TOTAL FUND	N/A	N/A
NCREIF ODCE	N/A	N/A
DIFFERENCE	N/A	N/A
RATIO	N/A	N/A
DOWN PERIODS	0	0





		QTD	ONE YEAR
	TOTAL FUND	3.42	12.92
	NCREIF ODCE	3.68	14.92
Γ	DIFFERENCE	-0.26	-2.00
Γ	RATIO	0.93	0.87
Г	UP PERIODS	3	12

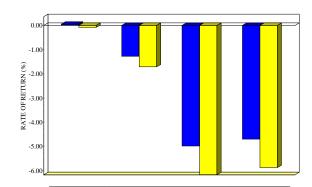
# Pensacola General Pension and Retirement Fund Integrity Fixed Performance Profile Period Ending September 30, 2015

		UNIVERSE			STD	SHARPE
PERIOD	RETURN	RANKING	BETA	ALPHA	DEV	RATIO
ONE YEAR	2.59	37	0.83	0.36	1.83	1.40
THREE YEARS	2.27	40	0.97	1.04	2.50	0.89
FIVE YEARS	3.77	40	1.00	0.95	2.61	1.42

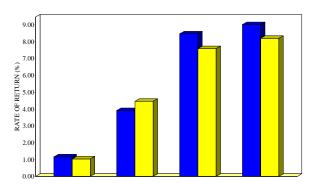
		ONE	THREE	FIVE
	QTD	YEAR	YEARS	YEARS
INTEGRITY FIXED	1.21	2.59	2.27	3.77
FIXED INCOME BNCH	0.95	2.67	1.24	2.81
EXCESS	0.26	-0.09	1.02	0.96
RISKLESS INDEX	0.01	0.02	0.06	0.08
REAL ROR	1.51	2.65	1.37	2.02



#### DOWN MARKET PERFORMANCE



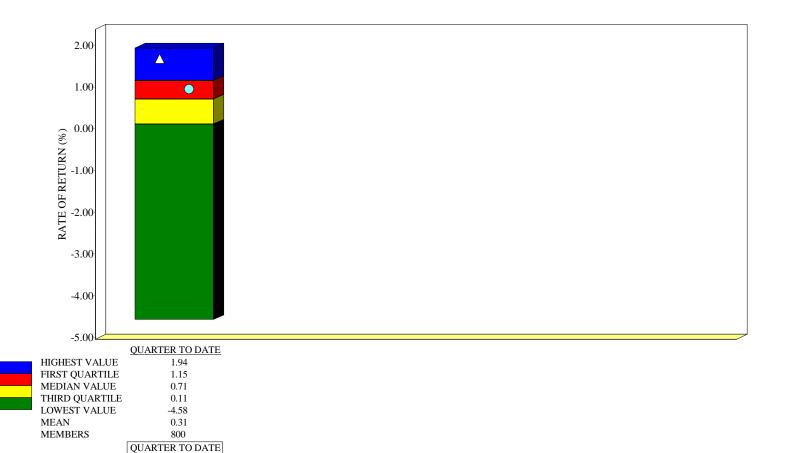
			THREE	
	QTD	ONE YEAR	YEARS	FIVE YEARS
INTEGRITY FIXED	0.05	-1.28	-4.98	-4.70
FIXED INCOME BNCH	-0.08	-1.72	-6.17	-5.88
DIFFERENCE	0.14	0.44	1.18	1.18
RATIO	-0.61	0.75	0.81	0.80
DOWN PERIODS	1	5	16	22



			THREE	
	QTD	ONE YEAR	YEARS	FIVE YEARS
INTEGRITY FIXED	1.16	3.92	8.46	9.02
FIXED INCOME BNCH	1.03	4.47	7.59	8.20
DIFFERENCE	0.13	-0.55	0.87	0.82
RATIO	1.12	0.88	1.12	1.10
UP PERIODS	2	7	20	38

# Pensacola General Pension and Retirement Fund Quartile Ranking

# Garcia Hamilton Fixed Versus Fixed Income June 30, 2015 Through September 30, 2015



).95	35			
		-		



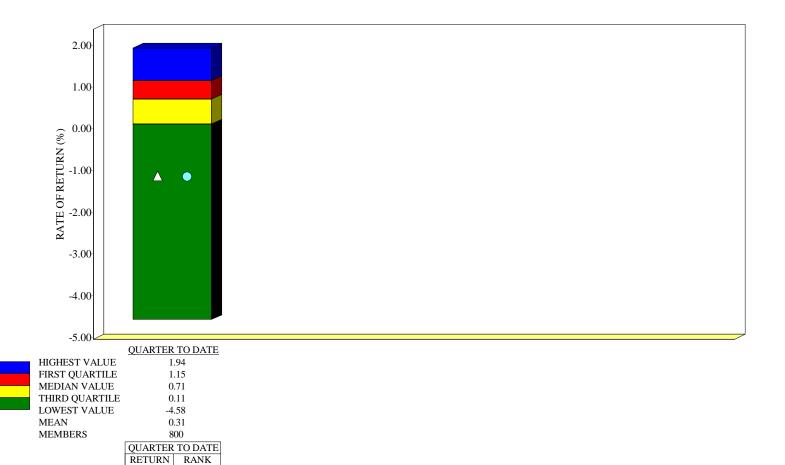
RETURN RANK

1.68

△ FI ○ FIXED INCOME BNCH

# Pensacola General Pension and Retirement Fund Quartile Ranking

# iShares TIPS Bond ETF Versus Fixed Income June 30, 2015 Through September 30, 2015





-1.13

-1.15

BC TIPS

88

88

# Pensacola General Pension and Retirement 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 expected return independent of Beta.
- -ASSET ALLOCATION- The division of portfolio asset classes in order to achieve an expected investment objective.
- -BALANCED UNIVERSES BNY Mellon 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 BCA stategy. This index is capitalization weighted, time weighted and gross of fees. 40

## Pensacola General Pension and Retirement Fund Glossary of Terms

- -NET- Investment return accounts only for manager fees.
- -PROTECTING FLORIDA INVESTMENT ACT (PFIA) SBA publishes a list of prohibited investments (scruntinized 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.
- -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 capitilation \$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.



### Pensacola General Pension and Retirement Fund Disclosure

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- 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.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.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.
- 6. 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.
- 7.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.
- 8.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. 9.BCA has not reviewed the risks of individual security holdings.
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