

Burgess Chambers & Associates, Inc.

Institutional Investment Advisors

www.burgesschambers.com

September 30, 2021

Panama City Beach Police Officers Pension Plan

Investment Performance Period Ending September 30, 2021



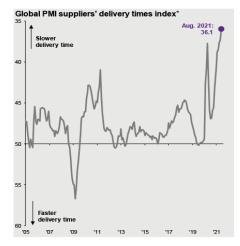
Panama City Beach Police Officers' Pension Trust Fund BCA Market Perspective © The Supply Chain Quandary Burgess B. Chambers and Mitchel Brennan October 2021

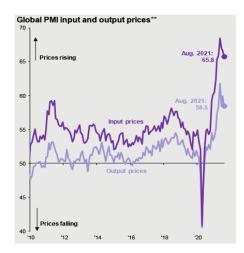
Congestion in our ports and rising consumer demand have created a mass shortage of materials across the spectrum of consumer and industrial products. We have come to the realization that we have a broken transportation system, exacerbated by the ballooning of U.S. retail sales in the first six months of 2021 to \$3.2 trillion - an increase of 22% over the same period in 2020*.

In February 2021, President Biden issued an Executive Order directing Federal Agency actions to secure and buildup America's supply chains. In June, he organized a Supply Chain Disruption Task Force to focus on transportation sectors, including ports, trucking, and rail. The Secretaries of Agriculture, Commerce and Transportation were directed to submit a plan to the President to solve the problems within one year. The request also solicited input from the general public in developing solutions in the freight and logistics sectors. Federal Agencies are looking into a large number of causes for the supply chain bottlenecks: pandemic related labor shortages, freight and handling limitations, distribution, trucking regulations, warehouses and logistics, intermodal transportation, and cybersecurity risks.

As the top importer in the world, the U.S. appears to have been disproportionately impacted by supply disruptions, especially with key components like semiconductors. There are numerous supply and parts shortages in many critical areas of manufacturing. Covid related events have closed shipping ports in China and caused worker shortages in the port of Los Angeles and elseware. Cargo ships are left anchored off the coast of California waiting weeks before docking. According to a McKinsey report, shipping charges have risen as much as six fold since 2019.

There is also a shortage of trucks and drivers in the U.S. With airline bookings collapsing by 90% in early 2020, more cargo had to be transported by trucks. Unfortunately, the trucking system was not prepared to step in and remains a major bottleneck even 18 months later. When the pandemic began in early 2020, shipping companies saw a rapid drop in business and feared the worse. Cutting back on employees in hindsight was a mistake that helped set the stage for the ensuing bottlenecks. Trying to get employees to return has proved challenging, as competing economic forces have encouraged workers to stay home.





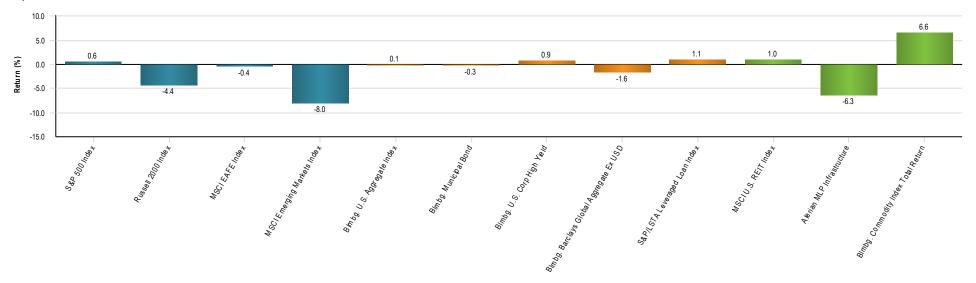
More people staying home has led to a substantial increase in online purchases, only adding to the strain of retail demand that could not be supplied. While Federal Agencies scramble to find solutions to supply chain disruptions, the root cause will naturally dissipate, as people go back to work and resume their normal lives.

*UConn Today; 10/2021;



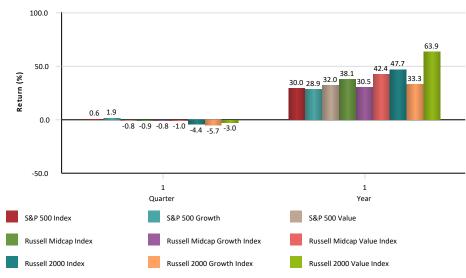
Quarterly Market Summary

1 Quarter Performance

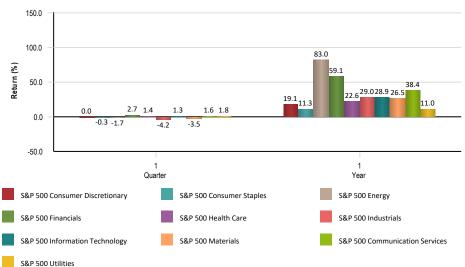


Source: Investment Metrics, LLC

US Market Indicies Performance



US Market Sector Performance



Source: Investment Metrics, LLC

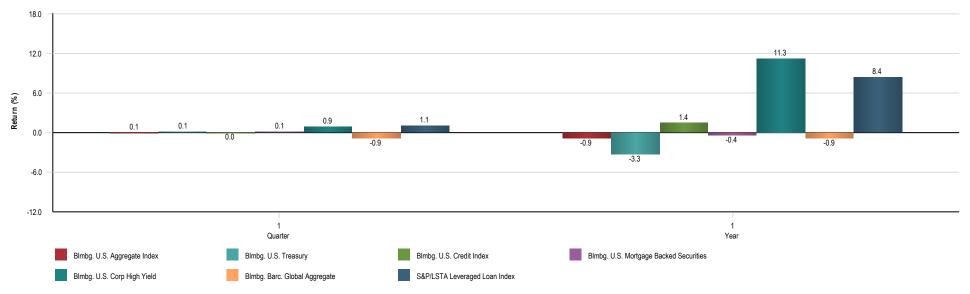
Source: Investment Metrics, LLC

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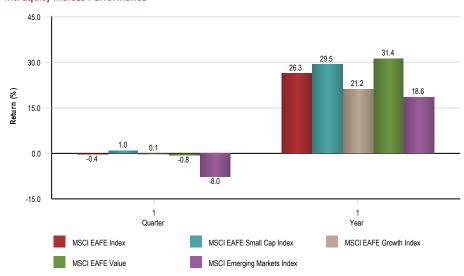
Quarterly Market Summary September 30, 2021

Fixed Income Market Sector Performance

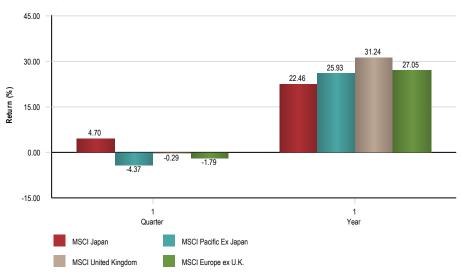


Source: Investment Metrics, LLC

Intl Equity Indices Performance



Intl Equity Region Performance



Source: Investment Metrics, LLC

Source: Investment Metrics, LLC





Panama City Beach Police Officers' Pension Trust Fund Total Fund Investment Summary September 30, 2021

- For the quarter, the Fund experienced a market-based loss of \$224K or -0.6% (-0.8% net). These results were similar to the strategic model (-0.5%). The best three performing asset categories were: REITS (+0.3%), fixed income (+0.2%, top 42nd), and cash (+0.0%). By quarter-end, the equity asset allocation was 69%, versus the maximum of 70%.
- For the one-year period, the Fund earned \$5.2 million or +21.4% (+20.9% net), ahead of the strategic model (+20.5%) and ranked in the **top 37th percentile**. The best three performing asset categories were: small-cap equity (+39.2%), mid-cap equity (+39.0%) and large-cap equity (+34.4%, top 10th). While large-cap equity beat the benchmark, both small and mid-cap were behind. The over-weight to domestic equities was the key driver in the out-performance.
- For the three-year period, the Fund earned \$8.5 million or +11.6% net per year, ahead of the strategic model (+10.6%) and ranked in the top 11th percentile. Convertible bonds were a main driver in the out-performance.
- The five-year annualized earnings rate of +11.8% (+11.2% net) ranked in the top 10th percentile. Convertible bonds were a main driver in the out-performance.
- BCA recommends replacing the REIT index product with the SPDR Dow Jones REIT index product, as it more closely tracks the Wilshire index.



Panama City Beach Police Officers' Pension Trust Fund Total Fund Investment Policy Review September 30, 2021

Total Fund annualized three-year performance achieved the Strategic Model. Total Fund annualized three-year performance ranked in the top 40th percentile. Total Fund annualized three-year performance (gross) achieved the actuarial assumption target rate of +7.75%. Total Fund annualized five-year performance achieved the Strategic Model Total Fund annualized five-year performance ranked in the top 40th percentile. Total Fund annualized five-year performance (gross) achieved the actuarial assumption target rate of +7.75%.	Yes	
The annualized three-year Large Cap performance achieved the S&P 500 index. The annualized three-year Large Cap performance ranked in the top 40th percentile. The annualized five-year Large Cap performance achieved the S&P 500 index. The annualized five-year Large Cap performance ranked in the top 40th percentile.		
The annualized three-year Mid Cap performance achieved the S&P 400 index. The annualized three-year Mid Cap performance ranked in the top 40th percentile. The annualized five-year Mid Cap performance achieved the S&P 400 index. (Actual: +12.9% vs. +13.0%) The annualized five-year Mid Cap performance ranked in the top 40th percentile. (Actual: 45th)		
The annualized three-year Small Cap performance achieved the S&P 600 index. The annualized three-year Small Cap performance ranked in the top 40th percentile. The annualized five-year Small Cap performance achieved the S&P 600 index. (Actual: +13.1% vs. +13.6%) The annualized five-year Small Cap performance ranked in the top 40th percentile. (Actual: 49th)		
The annualized three-year Convertible (SPDR) performance achieved the ML Conv x144A All Qual index. The annualized three-year Convertible (SPDR) performance ranked in the top 40th percentile. The annualized five-year Convertible (SPDR) performance achieved the ML Conv x144A All Qual index. The annualized five-year Convertible (SPDR) performance ranked in the top 40th percentile.		

Panama City Beach Police Officers' Pension Trust Fund Total Fund Investment Policy Review (continued) September 30, 2021

The annualized three-year Infrastructure performance achieved the FTSE Global Core Infrastructure 50/50 Index. The annualized three-year Infrastructure performance ranked in the top 40th percentile.	$\frac{\mathbf{Yes}}{\square}$	
The annualized three-year International (EuroPacific) performance achieved the Int'l benchmark. The annualized three-year International (EuroPacific) performance ranked in the top 40th percentile. The annualized five-year International (EuroPacific) performance achieved the Int'l benchmark. The annualized five-year International (EuroPacific) performance ranked in the top 40th percentile.		
The annualized three-year REIT* performance achieved the Wilshire REIT index. The annualized three-year REIT* performance ranked in the top 40th percentile. The annualized five-year REIT* performance achieved the Wilshire REIT index. The annualized five-year REIT* performance ranked in the top 40th percentile.		
The annualized three-year Fixed Income performance achieved the Fixed Income benchmark. The annualized three-year Fixed Income performance ranked in top 40th percentile. The annualized five-year Fixed Income performance achieved the Fixed Income benchmark. The annualized five-year Fixed Income performance ranked in the top 40th percentile. (Actual: 49th)		
Foreign equity investments were within 25% of the total Fund's total assets at market value. Total Equity allocation is within the 70% limitation of Fund's assets at market. PFIA Compliant		

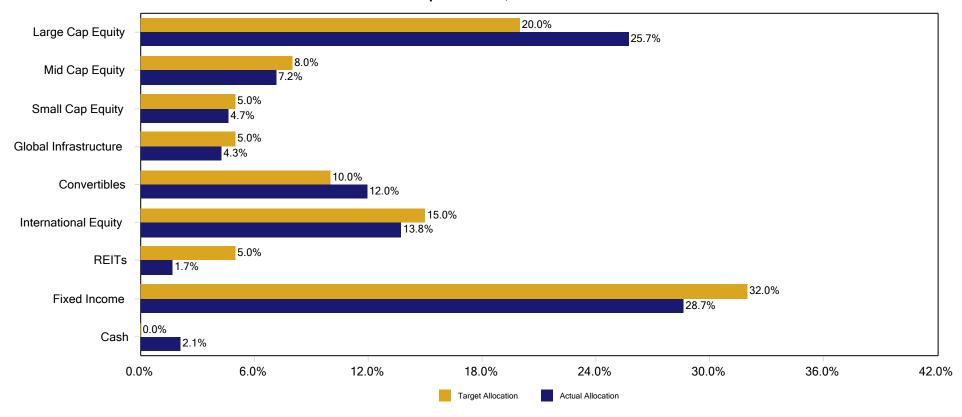
*REIT – Schwab REIT replaced DWS RREEF 9/9/15; DWS RREEF replaced SPDR REIT 6/11/12.



Panama City Beach Police Officers Pension Plan Investment Performance - Net September 30, 2021

	<u>Quarter</u>	One Year Three Years		Five Years	
Beginning Market Value	29,866,109	24,500,341	21,699,296	17,588,787	
Contributions	-9,585	-69,672	-575,608	-383,169	
Gain/Loss	-224,323	5,201,532	8,508,512	12,426,583	
Ending Market Value	29,632,201	29,632,201	29,632,201	29,632,201	
Total Fund (%)	-0.8	20.9	11.6	11.2	
Strategic Model (%)	-0.5	20.5	10.6	9.8	

Panama City Beach Police Officers Pension Plan Actual vs. Target Asset Allocation September 30, 2021

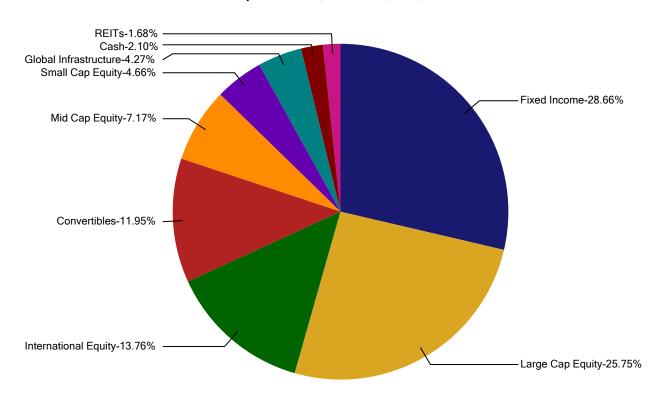


	Market Value Actual \$	Percent Actual	Percent Target	Percent Difference
Total Fund	29,632,201	100.0	100.0	0.0
Large Cap Equity	7,629,472	25.7	20.0	5.7
Mid Cap Equity	2,125,880	7.2	8.0	-0.8
Small Cap Equity	1,379,519	4.7	5.0	-0.3
Global Infrastructure	1,264,707	4.3	5.0	-0.7
Convertibles	3,541,769	12.0	10.0	2.0
International Equity	4,078,123	13.8	15.0	-1.2
REITs	498,780	1.7	5.0	-3.3
Fixed Income	8,491,223	28.7	32.0	-3.3
Cash	622,728	2.1	0.0	2.1



Panama City Beach Police Officers Pension Plan Asset Allocation

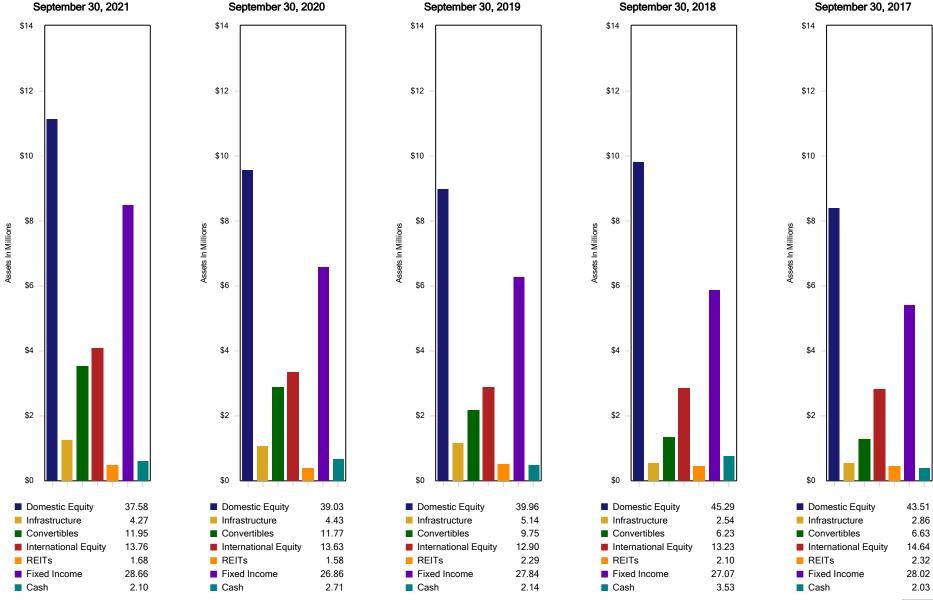
September 30, 2021 : 29,632,201



Market Value \$	Allocation (%)
8,491,223	28.66
7,629,472	25.75
4,078,123	13.76
3,541,769	11.95
2,125,880	7.17
1,379,519	4.66
1,264,707	4.27
622,728	2.10
498,780	1.68
	8,491,223 7,629,472 4,078,123 3,541,769 2,125,880 1,379,519 1,264,707 622,728



Panama City Beach Police Officers Pension Plan Historical Asset Allocation September 30, 2021





Panama City Beach Police Officers Pension Plan Asset Allocation & Performance - Gross September 30, 2021

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
Total Fund	29,632,201	-0.6 (89)	21.4 (37)	12.2 (11)	11.8 (10)
Strategic Model		-0.5	20.5	10.6	9.8
Large Cap Equity	7,629,472	-0.6 (85)	34.4 (10)	17.3 (27)	18.8 (13)
S&P 500 Index		0.6	30.0	16.0	16.9
Mid Cap Equity	2,125,880	-0.4 (41)	39.0 (54)	11.4 (59)	12.9 (45)
S&P MidCap 400 Index		-1.8	43.7	11.1	13.0
Small Cap Equity	1,379,519	-1.2 (33)	39.2 (97)	10.2 (53)	13.1 (49)
S&P SmallCap 600 Index		-2.8	57.6	9.4	13.6
Convertibles	3,541,769	-1.2 (89)	27.3 (14)	21.4 (35)	17.8 (30)
ML All Conv Ex.144A AQ Index		-0.2	25.8	19.9	16.9
Global Infrastructure	1,264,707	-0.1 (64)	17.8 (88)	9.5 (84)	N/A
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX		-0.1	16.7	8.5	7.9
International Equity	4,078,123	-2.2 (53)	25.2 (48)	13.7 (23)	12.7 (25)
International Benchmark		-2.9	24.4	8.5	9.4
REITs	498,780	0.3 (91)	32.2 (76)	6.0 (99)	4.3 (99)
Wilshire U.S. REIT Index		1.6	38.0	10.4	7.0
Fixed Income	8,491,223	0.2 (42)	2.5 (48)	5.8 (40)	3.6 (49)
Fixed Income Benchmark		0.0	-0.4	4.4	2.5
Cash	622,728	0.0	0.0	1.0	1.0
ICE BofAML 3 Month U.S. T-Bill		0.0	0.1	1.2	1.2



Panama City Beach Police Officers Pension Plan Asset Allocation & Performance - Net September 30, 2021

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
Total Fund	29,632,201	-0.8	20.9	11.6	11.2
Strategic Model		-0.5	20.5	10.6	9.8
Large Cap Equity	7,629,472	-0.7	33.7	16.7	18.3
S&P 500 Index		0.6	30.0	16.0	16.9
Mid Cap Equity	2,125,880	-0.5	38.3	10.9	12.4
S&P MidCap 400 Index		-1.8	43.7	11.1	13.0
Small Cap Equity	1,379,519	-1.3	38.3	9.4	12.2
S&P SmallCap 600 Index		-2.8	57.6	9.4	13.6
Convertibles	3,541,769	-1.3	26.8	20.9	17.4
ML All Conv Ex.144A AQ Index		-0.2	25.8	19.9	16.9
Global Infrastructure	1,264,707	-0.4	16.6	8.4	N/A
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX		-0.1	16.7	8.5	7.9
International Equity	4,078,123	-2.3	24.9	13.3	12.2
International Benchmark		-2.9	24.4	8.5	9.4
REITs	498,780	0.2	32.2	5.9	4.2
Wilshire U.S. REIT Index		1.6	38.0	10.4	7.0
Fixed Income	8,491,223	0.1	2.1	5.4	3.3
Fixed Income Benchmark		0.0	-0.4	4.4	2.5
Cash	622,728	0.0	0.0	1.0	1.0
ICE BofAML 3 Month U.S. T-Bill		0.0	0.1	1.2	1.2



Panama City Beach Police Officers Pension Plan Asset Allocation & Performance - Net September 30, 2021

Strategic Model (IPS hybrid benchmark objective): Since Jan 2018 is 20% S&P 500 + 8% S&P 400 + 5% S&P 600 + 10% ML Convertibles All Qual x144A + 15% MSCI AC Wrld xUS Gross + 5% FTSE Global Core Infrastructure + 5% Wilshire REIT + 32% Barclay's Int Aggregate; Prior from Jul'14 is 20% S&P 500 + 8% S&P 400 + 5% S&P 600 + 10% ML Convertibles All Qual x144A + 15% MSCI AC Wrld xUS Gross + 5% Alerian MLP + 5% Wilshire REIT + 32% Barclay's Int Aggregate; from Apr'11 is 25% S&P 500 + 8% S&P 400 + 5% S&P 600 + 10% ML Convertibles All Qual x144A + 15% MSCI Gross EAFE + 5% Wilshire REIT + 32% Barclay's Aggregate; from Oct'09 is 30% S&P 500 + 8% S&P 400 + 7% S&P 600 + 15% MSCI Gross EAFE + 5% Wilshire REIT + 35% Barclay's Aggregate; Apr'09 is 35% S&P 500 + 7% S&P 600 + 7% MSCI Gross EAFE + 9% Wilshire REIT + 35% Barclay's Intermediate Aggregate; from Jul'04 was 35% S&P 500 + 7% MSCI Gross EAFE + 9% Wilshire REIT + 35% Lehman Intermediate Aggregate; prior from Jul'03 was 60% S&P 500 + 5% MSCI Gross EAFE + 35% Lehman Aggregate; prior from Jul'04 was 65% S&P 500 + 35% Lehman Aggregate; prior from Jan'01 was 65% S&P 500 + 35% Lehman Aggregate; prior from Mar'00 was 50% S&P 500 + 40% Lehman Govt/Credit + 10% Merrill Lynch 3M T-Bills.

International Benchmark: from Jul'14 is MSCI ACWI xUS; prior was MSCI EAFE

Fixed Income Benchmark: from Jul'14 is 100% Barclays Intermediate Aggregate; from Oct'09 was 100% Barclay's Aggregate; from Jul'04 was 100% Lehman Intermediate Aggregate; from Jul'02 was 100% Lehman Aggregate; from Mar'00 was 100% Lehman Govt/Credit.



Panama City Beach Police Officers Pension Plan Asset Allocation & Performance - Gross September 30, 2021

	Market Value	QTD ROR	1 Year ROR	3 Year ROR	5 Year ROR
Total Fund	29,632,201	-0.6	21.4	12.2	11.8
Equity	20,518,250	-1.0	31.0	15.1	15.4
John Hancock Disciplined Value (MF)	2,932,950	-1.6	42.5	9.3	12.4
Vanguard Institutional Index Fund (ETF)	147,640	0.6	30.0	15.8	16.8
iShares Core S&P 500 (ETF)	956,851	0.6	30.1	16.0	16.9
T Rowe Price Instl Lg Cap Gr (MF)	2,990,005	-0.4	31.9	22.6	25.6
JPMorgan US Equity Fund (MF)	602,026	1.0	N/A	N/A	N/A
iShares Russell Mid-Cap Value (ETF)	597,167	-1.0	42.6	10.3	10.7
JPMorgan Mid Value (MF)	478,103	-1.1	44.6	9.9	10.6
iShares S&P Mid-Cap 400 Growth (ETF)	588,857	-1.9	33.5	12.1	14.0
Artisan Mid-Cap Fund (MF)	461,753	3.4	N/A	N/A	N/A
iShares Russell 2000 Value (ETF)	676,331	-2.8	N/A	N/A	N/A
T Rowe Price Diversified Sm-Cap Growth (MF)	703,188	0.5	32.1	13.3	16.7
SPDR Barclays Convertibles Securities (ETF)	3,541,769	-1.2	27.3	21.4	17.8
Cohen & Steers Global Infrastructure (MF)	1,264,707	-0.1	17.8	9.5	N/A
Am Funds EuroPacific Growth R6 (MF)	4,078,123	-2.2	25.3	13.8	12.7
Schwab U.S. REIT (ETF)	498,780	0.3	32.2	6.0	4.3
Fixed Income	8,491,223	0.2	2.5	5.8	3.6
PIMCO Inv Grade Corp Bd (MF)	1,507,002	0.2	2.7	7.3	5.2
Virtus SEIX Total Return Bond (MF)	2,892,048	0.2	0.7	6.7	3.6
Neuberger Berman High Income Bond Fund (MF)	1,209,017	0.6	11.4	N/A	N/A
Western Asset Core Plus Bond (MF)	2,883,157	0.0	1.8	N/A	N/A
Cash	622,728	0.0	0.0	1.0	1.0
SunTrust Custody Acct Cash Sweep (MF)	85,193	0.0	0.0	1.0	1.0
SunTrust Inv Mgmt Acct Cash Sweep (MF)	537,535	0.0	0.0	1.0	1.0

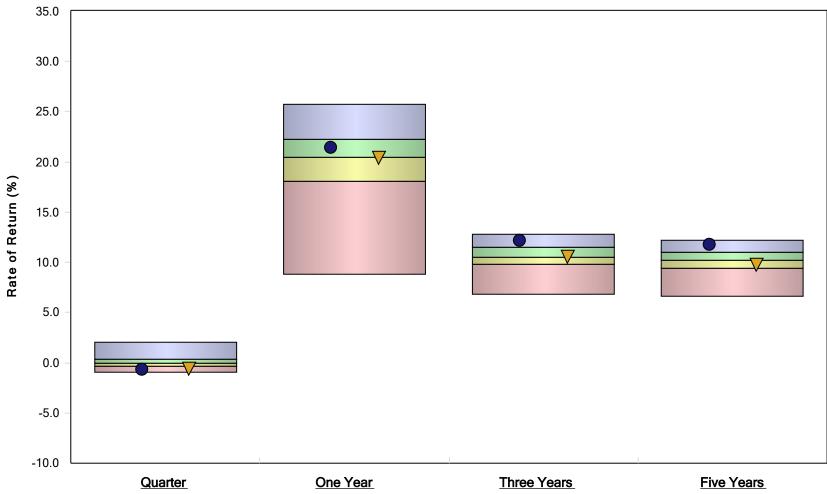


Panama City Beach Police Officers Pension Plan Asset Allocation & Performance - Net September 30, 2021

	Market Value	QTD ROR	1 Year ROR	3 Year ROR	5 Year ROR
Total Fund	29,632,201	-0.8	20.9	11.6	11.2
Equity	20,518,250	-1.1	30.3	14.5	14.9
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iShares Core S&P 500 (ETF)	956,851	0.6	30.1	15.9	16.8
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Cash	622,728	0.0	0.0	1.0	1.0
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Panama City Beach Police Officers Pension Plan Peer Universe Quartile Ranking September 30, 2021



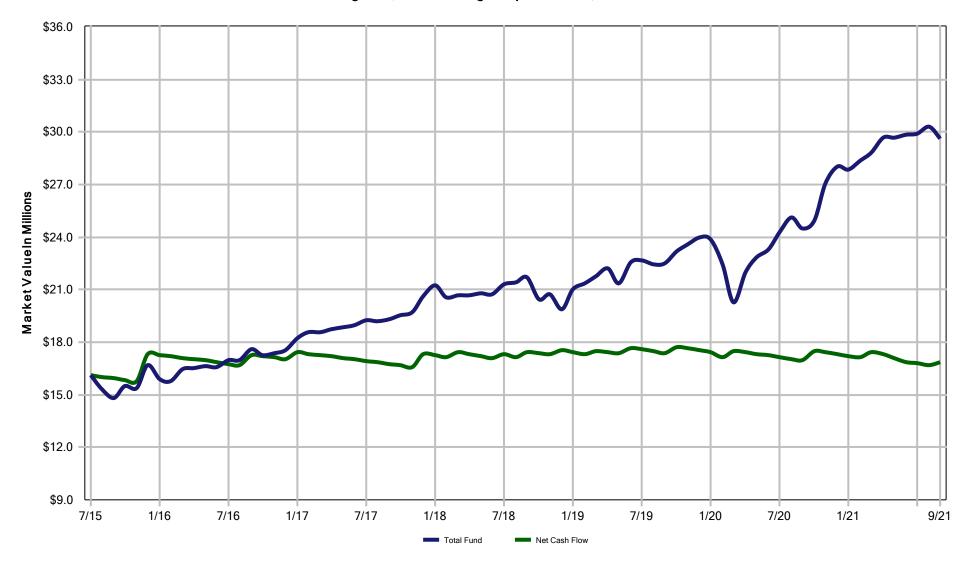
	<u>Quarter</u>	One Year	Three Years	Five Years
Total Fund	-0.6 (89)	21.4 (37)	12.2 (11)	11.8 (10)
▼ Strategic Model	-0.5 (83)	20.5 (50)	10.6 (47)	9.8 (67)
5th Percentile	2.0	25.8	12.8	12.2
1st Quartile	0.4	22.3	11.5	11.0
Median	0.0	20.5	10.5	10.2
3rd Quartile	-0.4	18.1	9.8	9.4
95th Percentile	-0.9	8.8	6.9	6.6

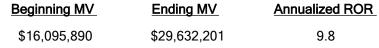
Parentheses contain percentile rankings.

Calculation based on monthly data.



Panama City Beach Police Officers Pension Plan Growth of Investments August 1, 2015 Through September 30, 2021

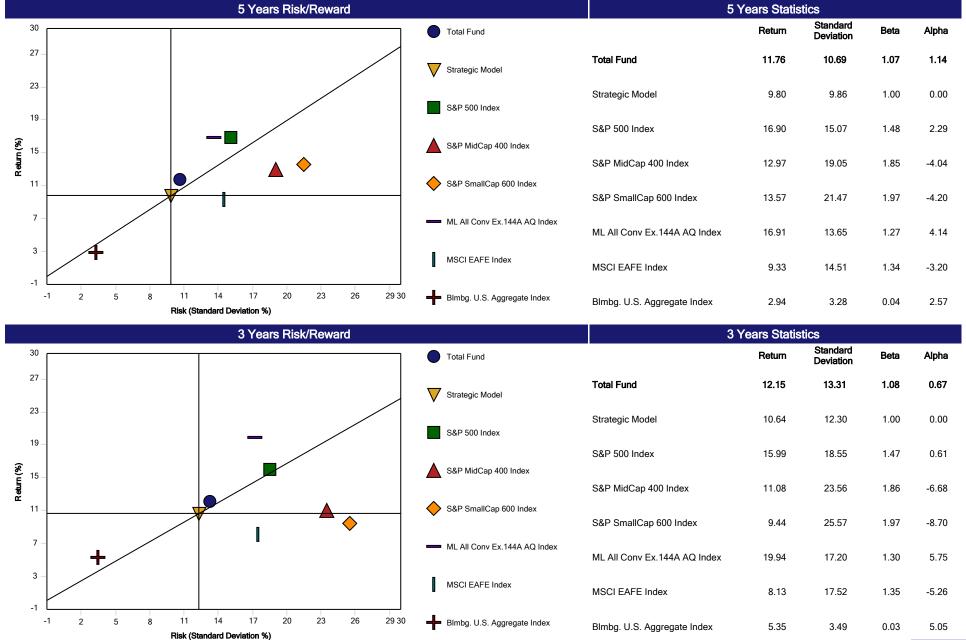






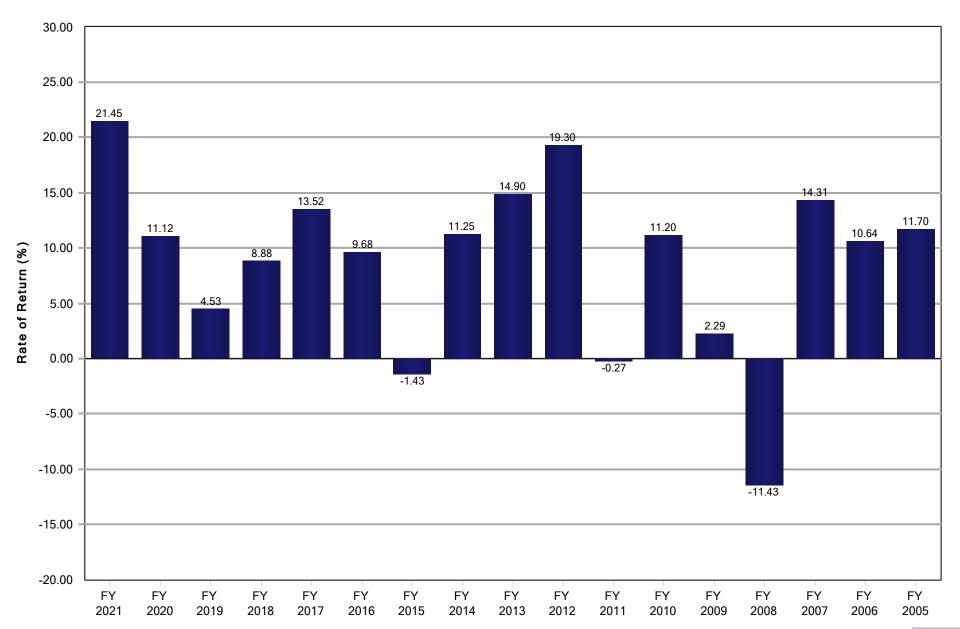
Panama City Beach Police Officers Pension Plan **Capital Market Line**

Period Ending September 30, 2021



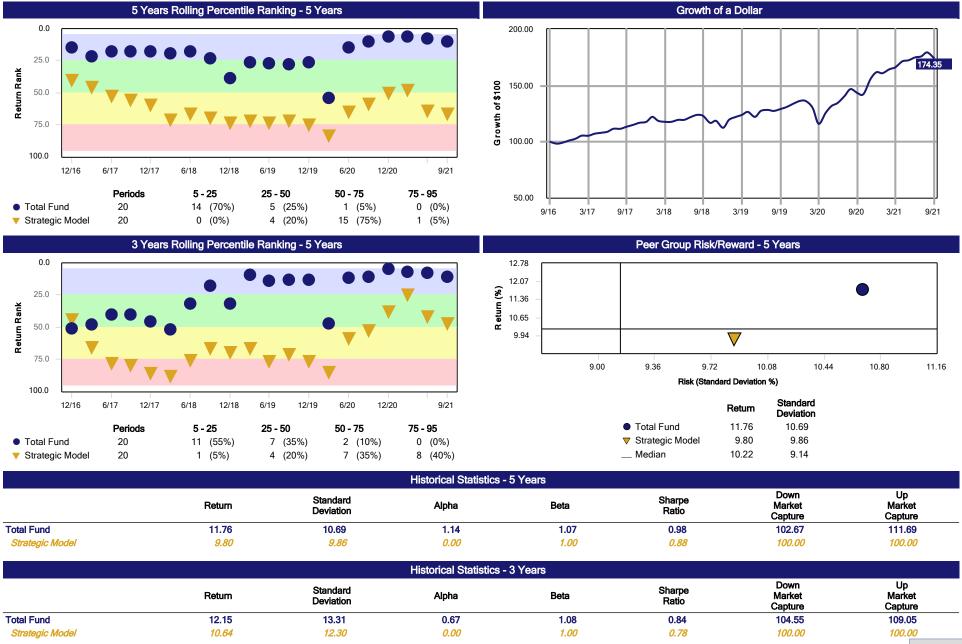


Panama City Beach Police Officers Pension Plan Fiscal Year Rates of Return September 30, 2021

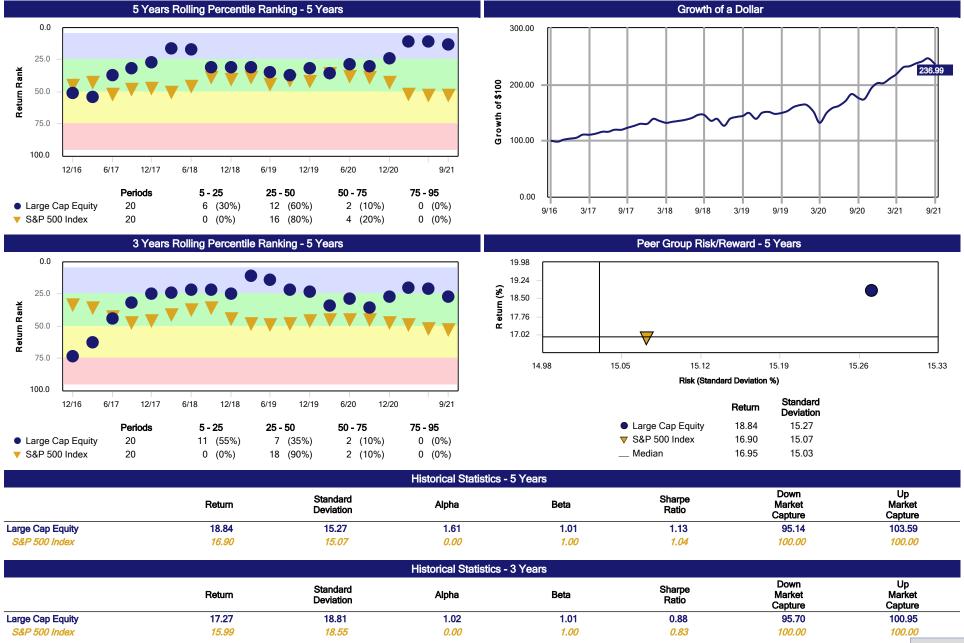




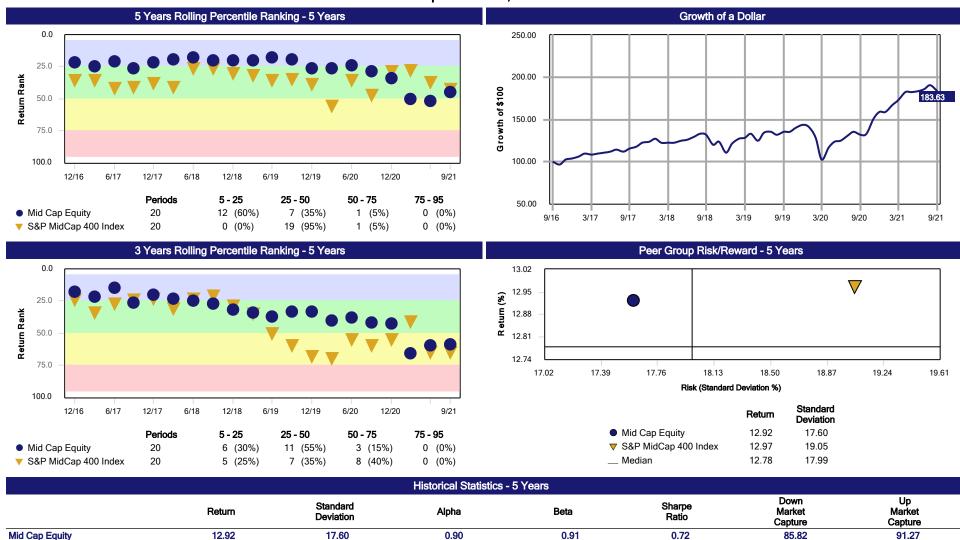
Panama City Beach Police Officers Pension Plan Total Fund September 30, 2021



Panama City Beach Police Officers Pension Plan Large Cap Equity September 30, 2021



Panama City Beach Police Officers Pension Plan Mid Cap Equity September 30, 2021



Historical Statistics - 3 Years							
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Mid Cap Equity	11.43	21.87	0.99	0.92	0.55	85.62	90.50
S&P MidCap 400 Index	11.08	<i>23.56</i>	0.00	1.00	0.52	100.00	100.00

1.00

0.68

100.00

0.00

S&P MidCap 400 Index

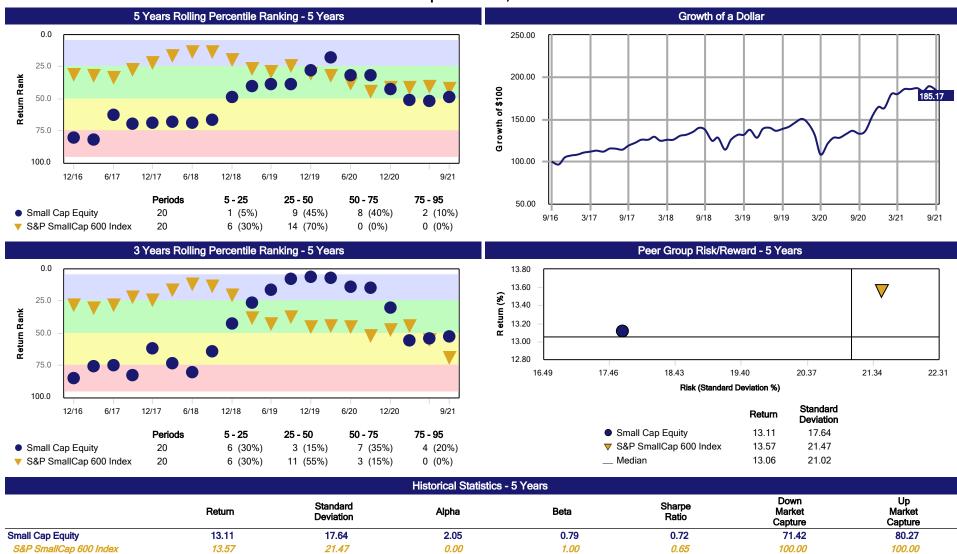
12.97

19.05



100.00

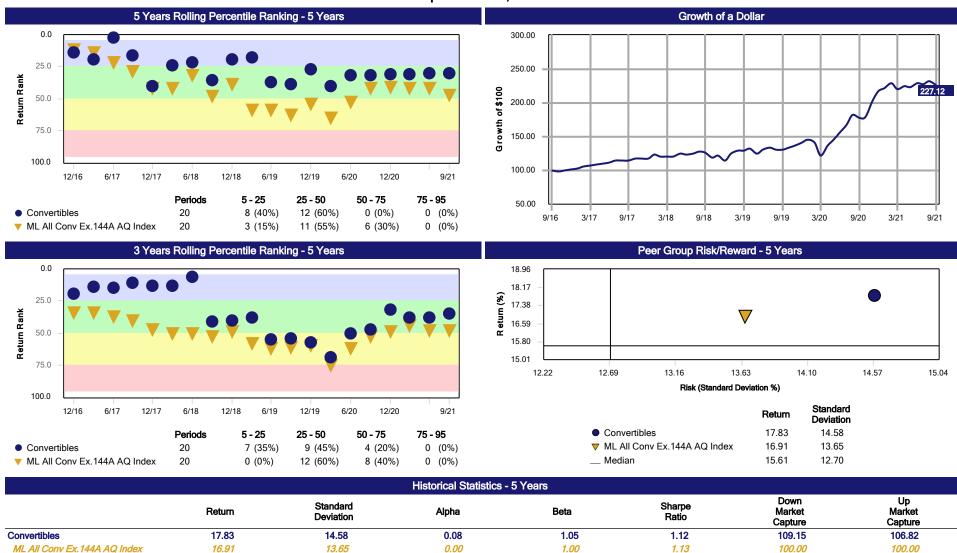
Panama City Beach Police Officers Pension Plan Small Cap Equity September 30, 2021



Historical Statistics - 3 Years							
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Small Cap Equity	10.25	21.67	2.07	0.82	0.51	77.74	83.95
S&P SmallCap 600 Index	9.44	<i>25.57</i>	0.00	1.00	0.44	100.00	100.00



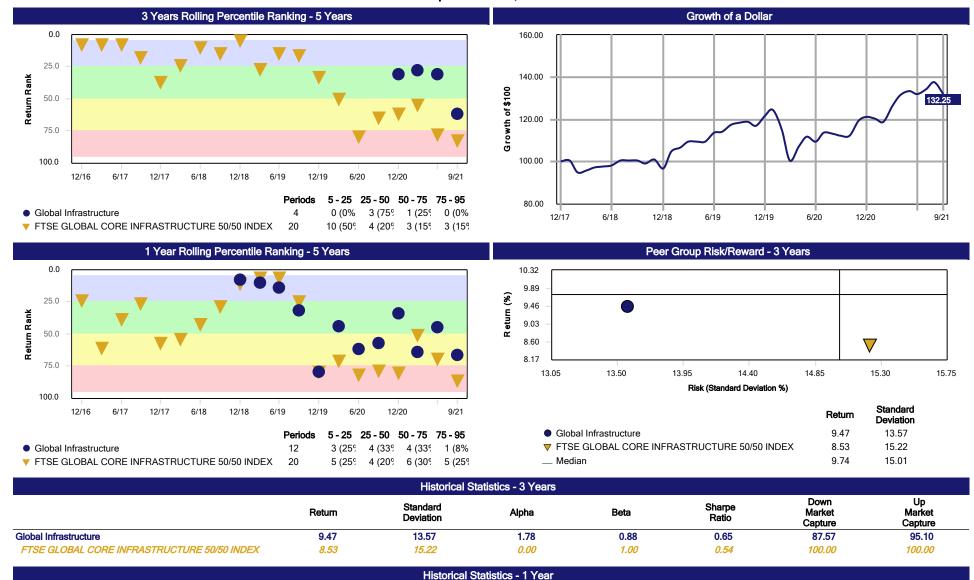
Panama City Beach Police Officers Pension Plan Convertibles September 30, 2021



Historical Statistics - 3 Years								
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture	
Convertibles	21.36	18.19	0.47	1.05	1.09	108.24	107.45	
ML All Conv Ex.144A AQ Index	19.94	<i>17.20</i>	0.00	1.00	<i>1.07</i>	100.00	100.00	



Panama City Beach Police Officers Pension Plan Global Infrastructure September 30, 2021



Up

Market

Capture

99.62

100.00

Down

Market

Capture

88.58

100.00

Sharpe

Ratio

1.64

1.41

Alpha

2.75

0.00

Beta

0.88

1.00

Standard

Deviation

10.35

11.45

Return

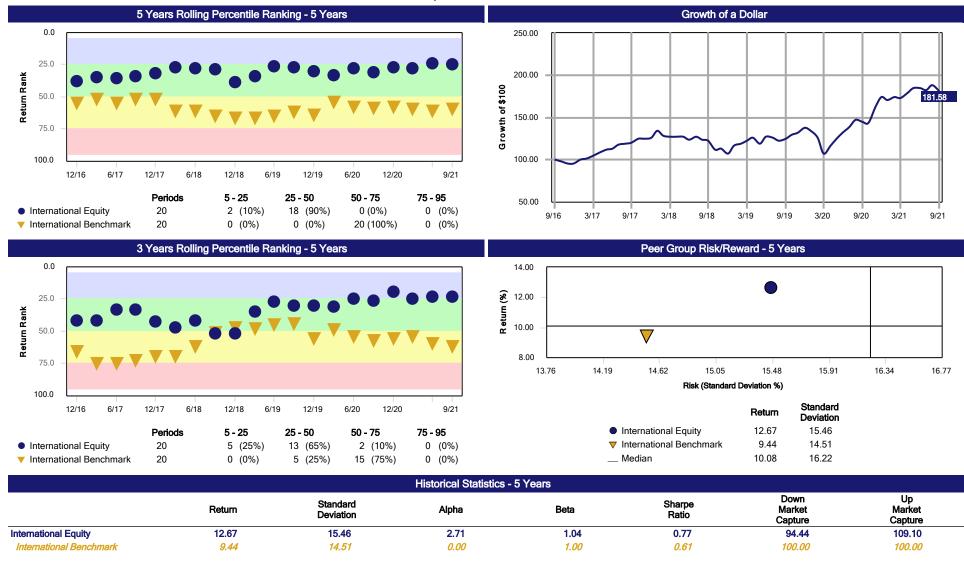
17.79

16.72

Global Infrastructure

FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX

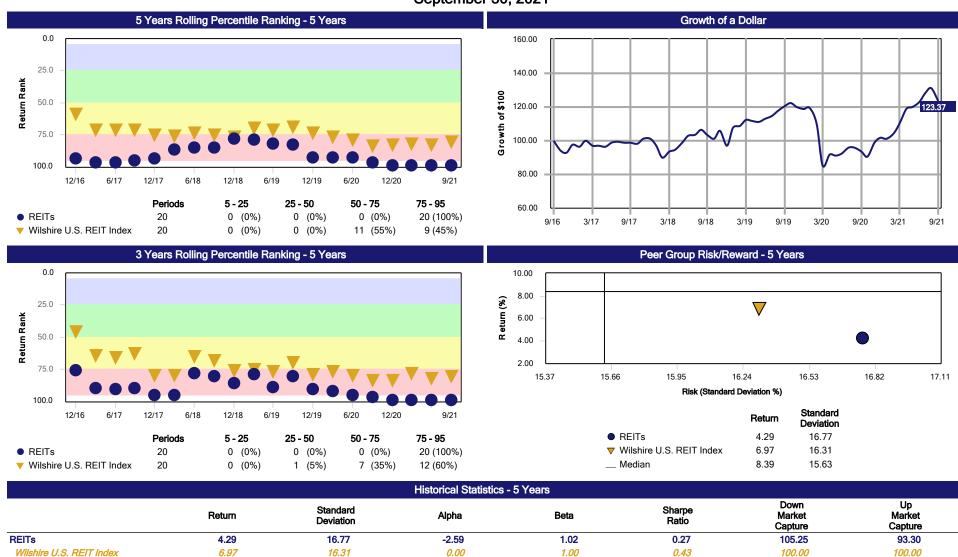
Panama City Beach Police Officers Pension Plan International Equity September 30, 2021



Historical Statistics - 3 Years							
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
International Equity	13.72	18.64	4.55	1.05	0.72	95.58	114.21
International Benchmark	<i>8.52</i>	17.47	0.00	1.00	0.49	100.00	100.00



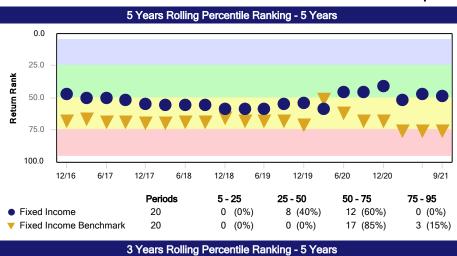
Panama City Beach Police Officers Pension Plan REITs September 30, 2021

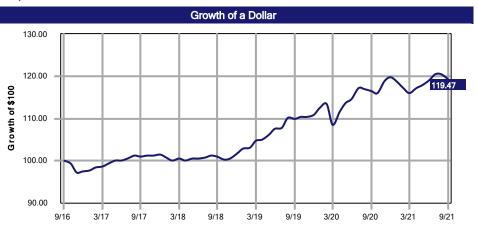


Historical Statistics - 3 Years								
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture	
REITs	5.96	19.77	-4.24	1.03	0.34	107.36	91.01	
Wilshire U.S. REIT Index	10.39	19.05	0.00	1.00	0.56	100.00	100.00	



Panama City Beach Police Officers Pension Plan Fixed Income September 30, 2021







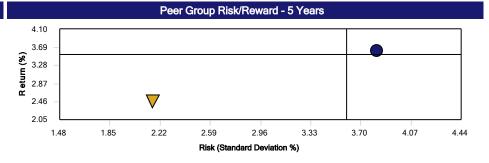
0 (0%)

3 (15%)

12 (60%)

▼ Fixed Income Benchmark

20



	Return	Deviation
Fixed Income	3.62	3.81
Fixed Income Benchmark	2.47	2.16
Median	3.55	3.59

Historical Statistics - 5 Years								
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture	
Fixed Income	3.62	3.81	0.45	1.29	0.65	173.99	158.37	
Fixed Income Benchmark	<i>2.47</i>	<i>2.16</i>	0.00	1.00	0.63	100.00	100.00	

5 (25%)

Historical Statistics - 3 Years								
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture	
Fixed Income	5.75	4.47	-0.48	1.43	1.00	320.50	169.11	
Fixed Income Benchmark	4.39	<i>2.12</i>	0.00	1.00	<i>1.57</i>	100.00	100.00	



Panama City Beach Police Officers Pension Plan Glossary September 30, 2021

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



Panama City Beach Police Officers Pension Plan Glossary September 30, 2021

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



Panama City Beach Police Officers Pension Plan Disclosure September 30, 2021

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

Performance Reporting:

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



