

# Burgess Chambers & Associates, Inc.

Institutional Investment Advisors

www.burgesschambers.com

June 30, 2021

## Panama City Beach General Employees Pension Plan

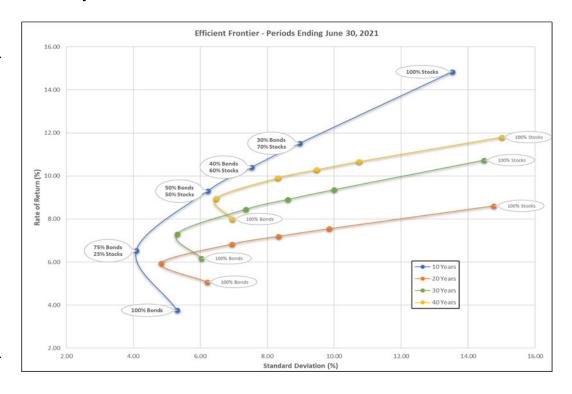
Investment Performance Period Ending June 30, 2021



#### Panama City Beach General Employees' Pension Plan BCA Market Perspective © The Impact of Low Interest Rates Larry Cole and Mitchel Brennan July 2021

Interest rates continue to remain near historically low levels despite the improving economy and the recent signs of inflation increasing at an alarming rate. As of the date of this writing, the 10-year Treasury has dipped below 1.4% and the Federal Reserve has signaled that they intend to keep short term rates low into late 2022 and possibly 2023. With this backdrop, is there a place for bonds in your portfolio?

The chart to the right shows the returns and risk levels (standard deviation) associated with various asset allocation targets over the past 10, 20, 30 and 40-year periods. The yellow line shows data for the past 40 years (June 30, 1981 – June 30, 2021). During this period, stocks (S&P 500) returned 11.81% per year with a standard deviation of 15.01% (higher standard deviation = more volatility). A mix of 70% stocks and 30% bonds for the same period produced an annual return of 10.67% (90% of the stock market return) with 28% less volatility (standard deviation of 10.74%).



The blue line in the chart looks at the most recent 10-year period (June 30, 2011 – June 30, 2021) which has been dominated by historically low interest rates. A 100% stock portfolio returned 14.84% per year with a standard deviation of 13.53%. A 70% stock/30% bond portfolio returned 11.52% (78% of the stock market return) with a standard deviation of only 8.97% (approximately 34% less volatility than stocks).

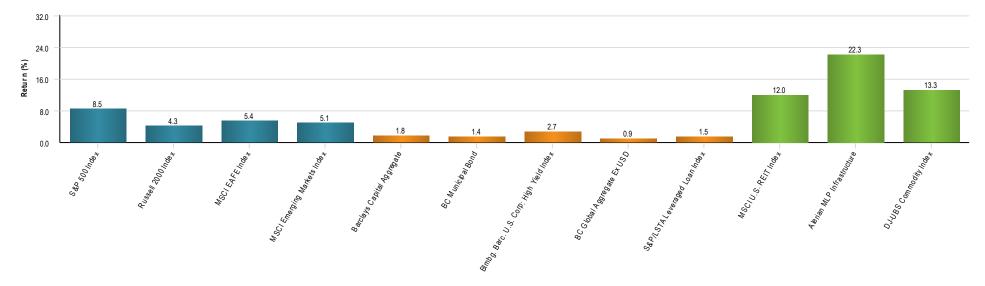
The low interest rate environment of the past several years has pushed a significant amount of money into stocks that might otherwise be in bonds or CDs. But even with this "distortion" or "risk-on" trade, the data indicates that some bond exposure, even in this low rate environment, can significantly reduce the overall volatility of your portoflio while still allowing most investors to reach their investment objectives. The reason for this is the negative correlation between stocks and most bonds. Put another way, bonds act as a "shock absorber" when the stock market declines, smoothing the ride over the long term. While the data would indicate it might be appropriate to lower bond exposure in order to make more aggressive return objectives, bonds can still play a significant role in lowering the overall volatility of your portfolio.

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



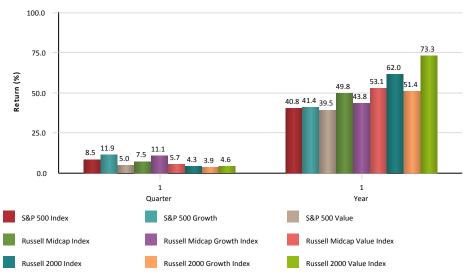
Quarterly Market Summary June 30, 2021

#### 1 Quarter Performance

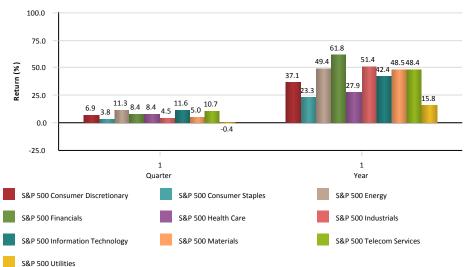


Source: Investment Metrics, LLC

#### **US Market Indices Performance**



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



Source: Investment Metrics, LLC

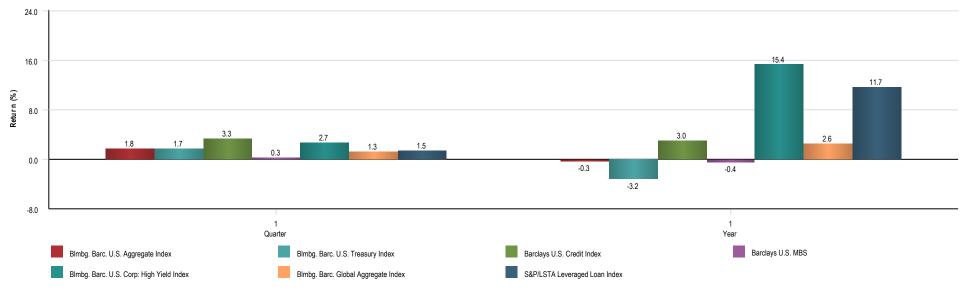
Source: Investment Metrics, LLC





Quarterly Market Summary June 30, 2021

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



Source: Investment Metrics, LLC

#### **Intl Equity Indices Performance** 60.0 45.0 41.5 41.4 34.2 Return (%) 32.9 31.4 30.0 15.0 5.1 1 1 Quarter Year MSCI EAFE Index MSCI EAFE Small Cap Index MSCI EAFE Growth Index MSCI EAFE Value MSCI Emerging Markets

#### **Intl Equity Region Performance** 60.0 45.0 37.1 34.3 31.3 30.0 Return (%) 25.2 15.0 8.3 6.0 4.8 0.0 -15.0 1 1 Quarter Year MSCI Japan MSCI Pacific ex Japan MSCI United Kingdom MSCI Europe ex U.K.

Source: Investment Metrics, LLC

Copyright © 2018 I



Source: Investment Metrics, LLC

#### Panama City Beach General Employees' Pension Plan Investment Summary Total Fund June 30, 2021

- For the quarter, the Fund earned \$2.6 million or +5.6% (+5.4% net). These results outperformed the strategic model (+4.4%) and ranked in the top 37th. The best three performing asset categories were: REITS (+12.0%), large-cap equity (+8.9%, top 25th) and international equity (+7.1%, top 26th). While large-cap beat the benchmark, both small and mid-cap were behind. By quarter-end the equity asset allocation was 69%, above the 68% target. The maximum level is 70%. The cash allocation at quarter-end was \$1.4 million.
- For the one-year period, the Fund earned \$11.9 million or +30.4% (+29.9% net), beating the strategic model (+27.3%) and ranked in the **top 13th percentile**. The best three performing asset categories were: mid-cap equity (+48.3%), convertibles (+47.6%, top 5th), and large-cap equity (+47.2%, top 14th). While large-cap beat the benchmark, both small and mid-cap were behind. **The over-weight to domestic equities was the main driver in the out-performance.**
- For the three-year period, the Fund earned \$16.2 million or +13.1% net per year, ahead of the strategic model (+11.8%) and ranked in the top 10th percentile. Convertible bonds were the main driver in the out-performance.
- The five-year annualized earnings rate of +12.7% (+12.2% net) ranked in the top 9th percentile. Convertible bonds were the main driver in the out-performance.
- Equities were trimmed in both the custody and Trust managed accounts throughout the first quarter. In April, after the trades settled, \$1.45 million was transferred from the custody account to the account managed by Truist. The proceeds from the sale of the equities were used to invest in bond funds and bring the total equities below the 70% limit.



#### Panama City Beach General Employees' Pension Plan Total Fund Investment Policy Review June 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 +7.9%.  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 +7.9%.	<u>Yes</u> <u>No</u> ⊠ □  ⊠ □  ⊠ □  ⊠ □  ⊠ □  □  □ □ □ □ □
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: +14.0% vs. +14.3%)  The annualized five-year Mid Cap performance ranked in the top 40th percentile.	
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: +14.9% vs. +15.8%)  The annualized five-year Small Cap performance ranked in the top 40th percentile.	
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 General Employees' Pension Plan Total Fund Investment Policy Review (continued) June 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.	Yes ⊠ ⊠	No \[ \]
The annualized three-year International (EuroPacific) performance achieved the International benchmark. The annualized three-year International (EuroPacific) performance ranked in the top 40th percentile. The annualized five-year International (EuroPacific) performance achieved the International 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: 48th)		
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.

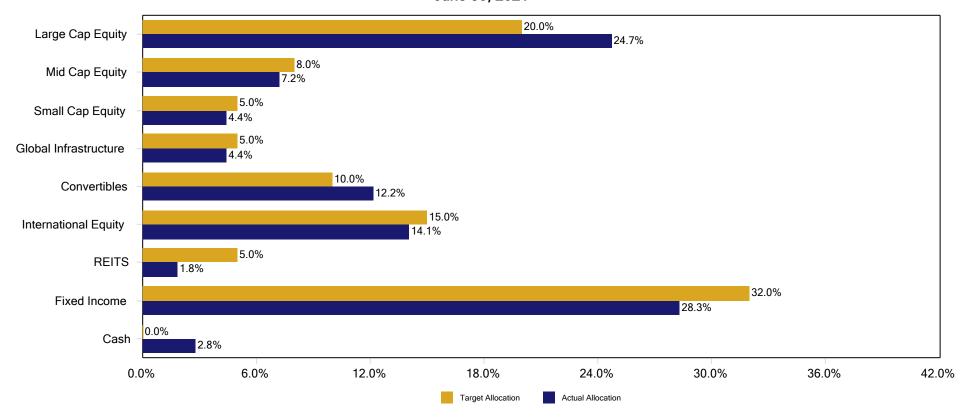


## Panama City Beach General Employees Pension Plan Investment Performance - Net June 30, 2021

	<u>Quarter</u>	<u>FYTD</u>	One Year Three Years		Five Years
Beginning Market Value	49,154,397	42,280,917	40,281,084	37,556,722	30,295,107
Contributions	-1,198,591	-1,064,279	-1,620,351	-3,131,444	-3,019,626
Gain/Loss	2,627,571	9,366,739	11,922,644	16,158,099	23,307,896
Ending Market Value	50,583,377	50,583,377	50,583,377	50,583,377	50,583,377
Total Fund (%)	5.4	22.1	29.9	13.1	12.2
Strategic Model (%)	4.4	21.1	27.3	11.8	10.6



#### Panama City Beach General Employees Pension Plan Actual vs. Target Asset Allocation June 30, 2021

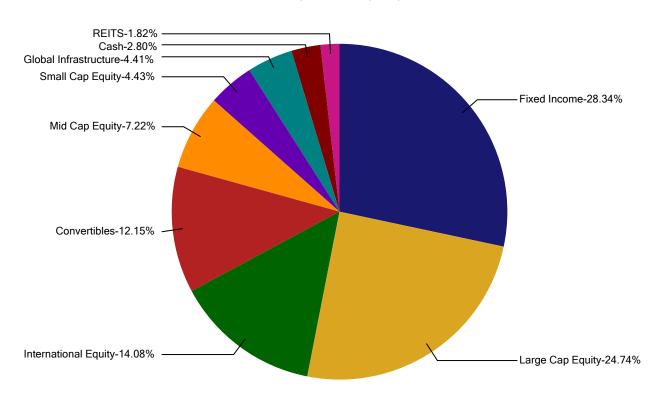


	Market Value Actual \$	Percent Actual	Percent Target	Percent Difference
Total Fund	50,583,377	100.0	100.0	0.0
Large Cap Equity	12,515,442	24.7	20.0	4.7
Mid Cap Equity	3,652,953	7.2	8.0	-0.8
Small Cap Equity	2,240,516	4.4	5.0	-0.6
Global Infrastructure	2,233,220	4.4	5.0	-0.6
Convertibles	6,146,208	12.2	10.0	2.2
International Equity	7,120,554	14.1	15.0	-0.9
REITS	922,027	1.8	5.0	-3.2
Fixed Income	14,335,523	28.3	32.0	-3.7
Cash	1,416,934	2.8	0.0	2.8



#### Panama City Beach General Employees Pension Plan Asset Allocation

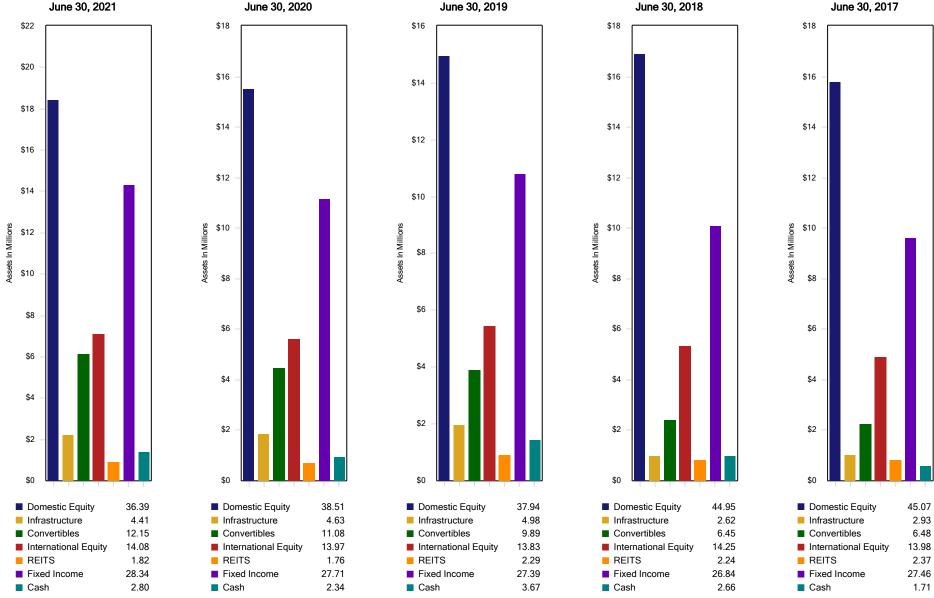
June 30, 2021 : 50,583,377



	Market Value \$	Allocation (%)
■ Fixed Income	14,335,523	28.34
Large Cap Equity	12,515,442	24.74
International Equity	7,120,554	14.08
Convertibles	6,146,208	12.15
Mid Cap Equity	3,652,953	7.22
Small Cap Equity	2,240,516	4.43
Global Infrastructure	2,233,220	4.41
Cash	1,416,934	2.80
■ REITS	922,027	1.82



#### Panama City Beach General Employees Pension Plan Historical Asset Allocation June 30, 2021





## Panama City Beach General Employees Pension Plan Asset Allocation & Performance - Gross June 30, 2021

	Market Value	QTD ROR - Rank	FYTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
Total Fund	50,583,377	5.6 (37)	22.5 (19)	30.4 (13)	13.5 (10)	12.7 (9)
Strategic Model		4.4	21.1	27.3	11.8	10.6
Large Cap Equity	12,515,442	8.9 (25)	35.3 (15)	47.2 (14)	20.3 (18)	20.1 (8)
S&P 500 Index		8.5	29.3	40.8	18.7	17.6
Mid Cap Equity	3,652,953	6.0 (38)	40.6 (49)	48.3 (60)	13.6 (63)	14.0 (53)
S&P MidCap 400 Index		3.6	46.3	53.2	13.2	14.3
Small Cap Equity	2,240,516	3.5 (69)	41.0 (94)	45.5 (94)	12.4 (51)	14.9 (54)
S&P SmallCap 600 Index		4.5	62.3	67.4	12.2	15.8
Convertibles	6,146,208	4.5 (11)	28.9 (9)	47.6 (5)	22.8 (37)	19.7 (30)
ML All Conv Ex.144A All Qual Index		3.3	26.0	45.3	21.3	18.4
Global Infrastructure	2,233,220	4.7 (59)	17.9 (76)	20.9 (43)	10.4 (29)	N/A
FTSE GLOBAL CORE INFRASTRUCTURE 50/50		3.1	16.8	19.4	8.8	8.1
International Equity	7,120,554	7.1 (26)	28.1 (52)	40.5 (43)	13.9 (26)	14.5 (28)
International Benchmark		5.6	28.1	36.3	9.9	11.6
REITS	922,027	12.0 (82)	31.9 (73)	33.4 (79)	6.1 (99)	4.0 (99)
Wilshire U.S. REIT Index		12.8	35.8	37.5	10.1	6.4
Fixed Income	14,335,523	2.8 (20)	2.2 (50)	3.8 (50)	5.8 (40)	3.8 (48)
Fixed Income Benchmark		8.0	-0.4	0.1	4.4	2.5
Cash	1,416,934	0.0	0.0	0.0	1.1	1.0
ICE BofAML 3 Month U.S. T-Bill		0.0	0.1	0.1	1.3	1.2



## Panama City Beach General Employees Pension Plan Asset Allocation & Performance - Net June 30, 2021

	Market Value	QTD ROR - Rank	FYTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
Total Fund	50,583,377	5.4	22.1	29.9	13.1	12.2
Strategic Model		4.4	21.1	27.3	11.8	10.6
Large Cap Equity	12,515,442	8.8	34.8	46.5	19.7	19.5
S&P 500 Index		8.5	29.3	40.8	18.7	17.6
Mid Cap Equity	3,652,953	5.8	40.0	47.6	13.1	13.4
S&P MidCap 400 Index		3.6	46.3	53.2	13.2	14.3
Small Cap Equity	2,240,516	3.4	40.3	44.6	11.5	14.0
S&P SmallCap 600 Index		4.5	62.3	67.4	12.2	15.8
Convertibles	6,146,208	4.4	28.6	47.0	22.3	19.3
ML All Conv Ex.144A All Qual Index		3.3	26.0	45.3	21.3	18.4
Global Infrastructure	2,233,220	4.4	17.0	19.7	9.3	N/A
FTSE GLOBAL CORE INFRASTRUCTURE 50/50		3.1	16.8	19.4	8.8	8.1
International Equity	7,120,554	7.0	27.9	40.2	13.8	14.5
International Benchmark		5.6	28.1	36.3	9.9	11.6
REITS	922,027	11.9	31.8	33.3	6.0	3.9
Wilshire U.S. REIT Index		12.8	35.8	37.5	10.1	6.4
Fixed Income	14,335,523	2.7	1.9	3.5	5.5	3.4
Fixed Income Benchmark		8.0	-0.4	0.1	4.4	2.5
Cash	1,416,934	0.0	0.0	0.0	1.1	1.0
ICE BofAML 3 Month U.S. T-Bill		0.0	0.1	0.1	1.3	1.2



#### Panama City Beach General Employees Pension Plan Asset Allocation & Performance - Net June 30, 2021

Strategic Model (IPS hybrid benchmark objective): from Jan'18 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 50/50 Infra + 5% Wilshire REIT + 32% Barclay's Int Aggregate; 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 400 + 7% S&P 600 + 7% MSCI Gross EAFE + 9% Wilshire REIT + 35% Barclay's Intermediate Aggregate; from Jul'04 was 35% S&P 500 + 5% MSCI Gross EAFE + 35% Lehman Intermediate Aggregate; prior from Jul'03 was 60% S&P 500 + 5% MSCI Gross EAFE + 35% Lehman Aggregate; prior from Jul'02 was 60% S&P 500 + 5% MSCI Gross EAFE + 35% Lehman Aggregate; prior from Jul'02 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 General Employees Pension Plan Asset Allocation & Performance - Gross June 30, 2021

	Market Value	QTD ROR	FYTD ROR	1 Year ROR	3 Year ROR	5 Year ROR
Total Fund	50,583,377	5.6	22.5	30.4	13.5	12.7
Equity	34,830,920	6.9	32.4	43.7	17.0	16.7
John Hancock Disciplined Value (MF)	4,986,813	5.5	44.9	50.6	12.6	13.8
Vanguard Institutional Index Fund (ETF)	112,177	8.6	29.3	40.9	18.7	N/A
JPMorgan US Equity Fund (MF)	761,076	8.1	N/A	N/A	N/A	N/A
iShares Core S&P 500 (ETF)	1,631,976	8.4	29.3	41.0	18.6	17.6
T Rowe Price Instl Lg Cap Gr (MF)	5,023,400	12.7	32.5	47.8	25.6	27.7
iShares Russell Mid-Cap Value (ETF)	1,104,958	5.5	44.0	53.0	11.9	11.8
JPMorgan Mid Value (MF)	752,350	5.6	46.2	52.9	11.8	11.6
iShares S&P Mid-Cap 400 Growth (ETF)	1,030,482	3.4	36.2	45.8	14.3	15.3
Artisan Mid-Cap Fund (MF)	765,163	10.8	N/A	N/A	N/A	N/A
iShares Russell 2000 Value (ETF)	1,120,439	4.3	N/A	N/A	N/A	N/A
T Rowe Price Diversified Sm-Cap Growth (MF)	1,120,076	2.7	31.5	41.2	15.9	17.9
SPDR Barclays Convertibles Securities (ETF)	6,146,208	4.5	28.9	47.5	22.8	19.7
Cohen & Steers Global Infrastructure (MF)	2,233,220	4.7	17.9	20.9	10.4	N/A
Am Funds EuroPacific Growth R6 (MF)	7,120,554	7.1	28.0	40.4	13.9	14.5
Schwab U.S. REIT (ETF)	922,027	12.0	31.9	33.4	6.1	4.0
Fixed Income	14,335,523	2.8	2.2	3.8	5.8	3.8
PIMCO Inv Grade Corp Bd (MF)	2,543,686	3.5	2.5	4.7	7.6	5.7
Virtus SEIX Total Return Bond (MF)	4,878,079	2.1	0.4	1.2	6.4	3.7
Neuberger Berman High Income Bond Fund (MF)	2,030,399	2.8	10.8	16.5	N/A	N/A
Western Asset Core Plus Bond (MF)	4,883,360	3.1	1.6	3.5	N/A	N/A
Cash	1,416,934	0.0	0.0	0.0	1.1	1.0
SunTrust Custody Acct Cash Sweep (MF)	70,517	0.0	0.0	0.0	1.1	1.0
SunTrust Inv Mgmt Acct Cash Sweep (MF)	1,346,417	0.0	0.0	0.0	1.1	1.0

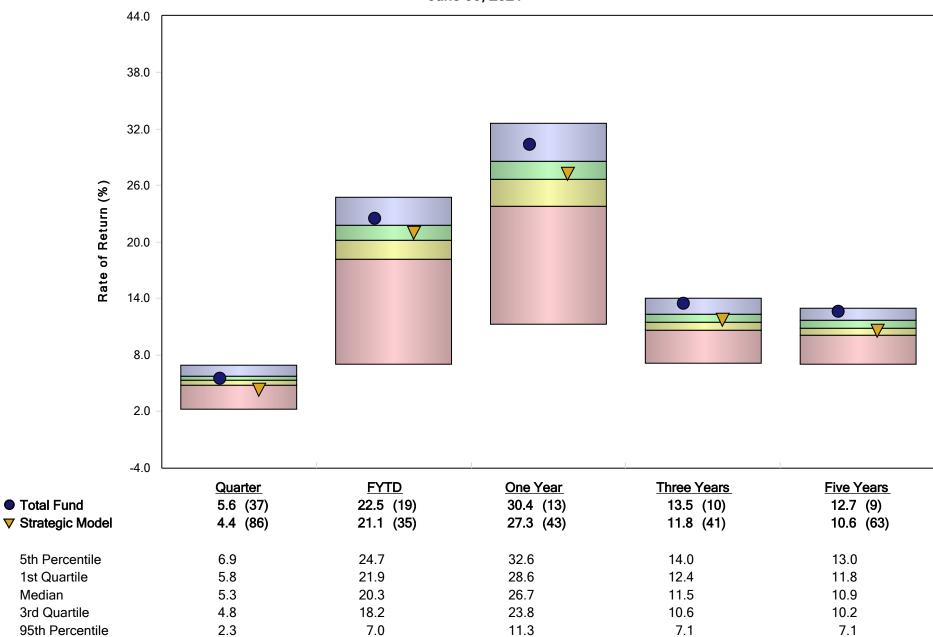


## Panama City Beach General Employees Pension Plan Asset Allocation & Performance - Net June 30, 2021

		QTD	FYTD	1 Year	3 Year	5 Year
	Market Value	ROR	ROR	ROR	ROR	ROR
Total Fund	50,583,377	5.4	22.1	29.9	13.1	12.2
Equity	34,830,920	6.8	31.9	43.1	16.5	16.2
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Western Asset Core Plus Bond (MF)	4,883,360	3.0	1.3	3.1	N/A	N/A
Cash	1,416,934	0.0	0.0	0.0	1.1	1.0
SunTrust Custody Acct Cash Sweep (MF)	70,517	0.0	0.0	0.0	1.1	1.0
SunTrust Inv Mgmt Acct Cash Sweep (MF)	1,346,417	0.0	0.0	0.0	1.1	1.0



#### Panama City Beach General Employees Pension Plan Peer Universe Quartile Ranking June 30, 2021



Parentheses contain percentile rankings.

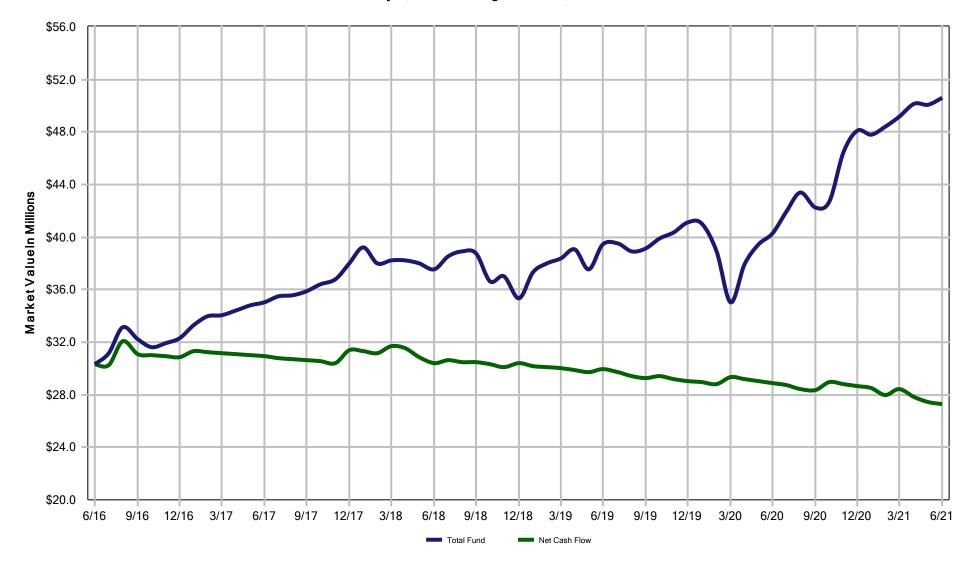
Calculation based on monthly data.

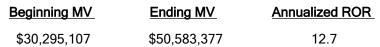
Total Fund

Median



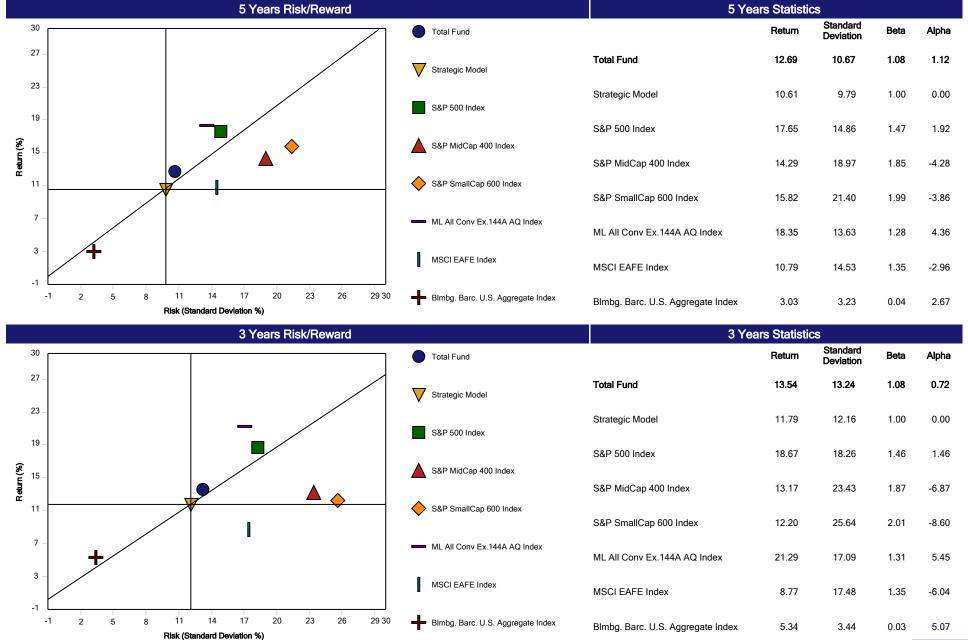
## Panama City Beach General Employees Pension Plan Growth of Investments July 1, 2016 Through June 30, 2021



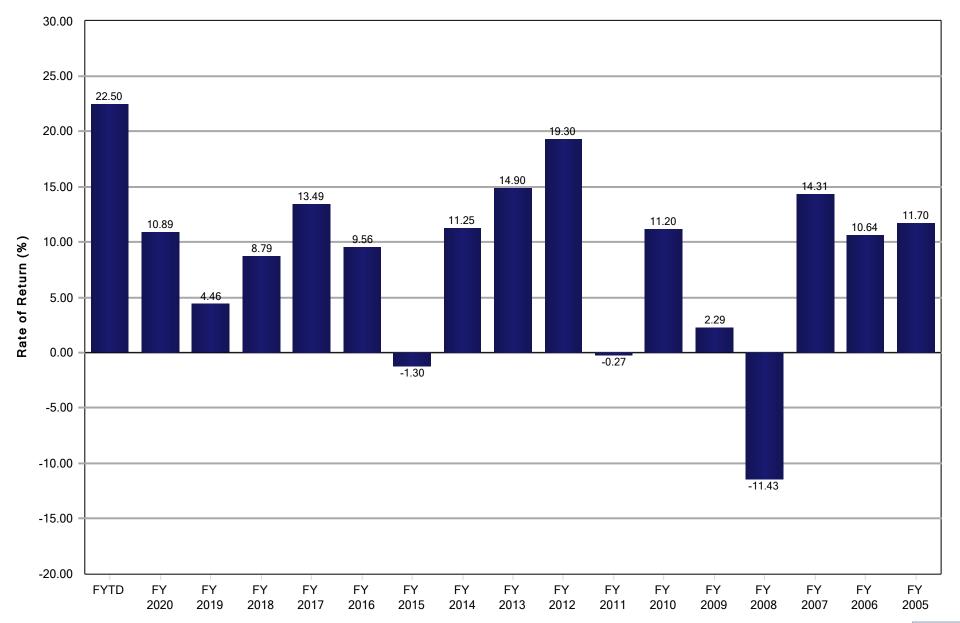




#### Panama City Beach General Employees Pension Plan Capital Market Line Period Ending June 30, 2021

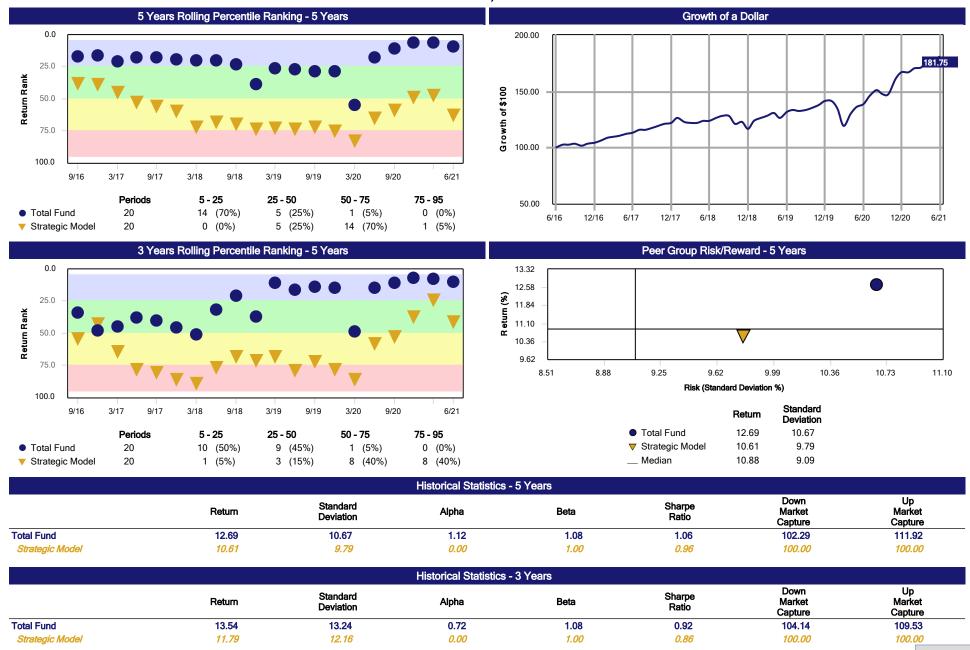


#### Panama City Beach General Employees Pension Plan Fiscal Year Rates of Return June 30, 2021

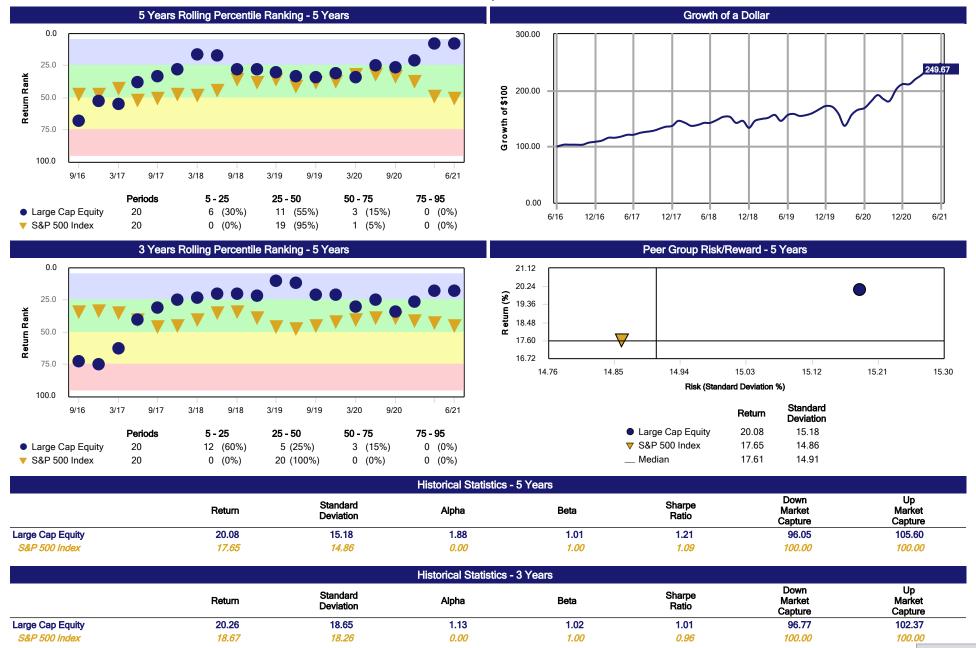




#### Panama City Beach General Employees Pension Plan Total Fund June 30, 2021

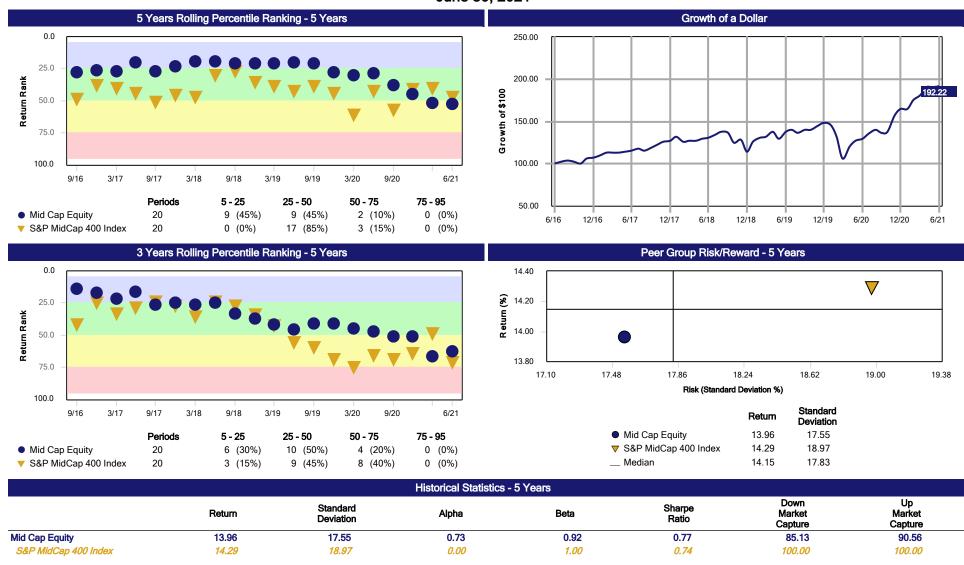


#### Panama City Beach General Employees Pension Plan Large Cap Equity June 30, 2021





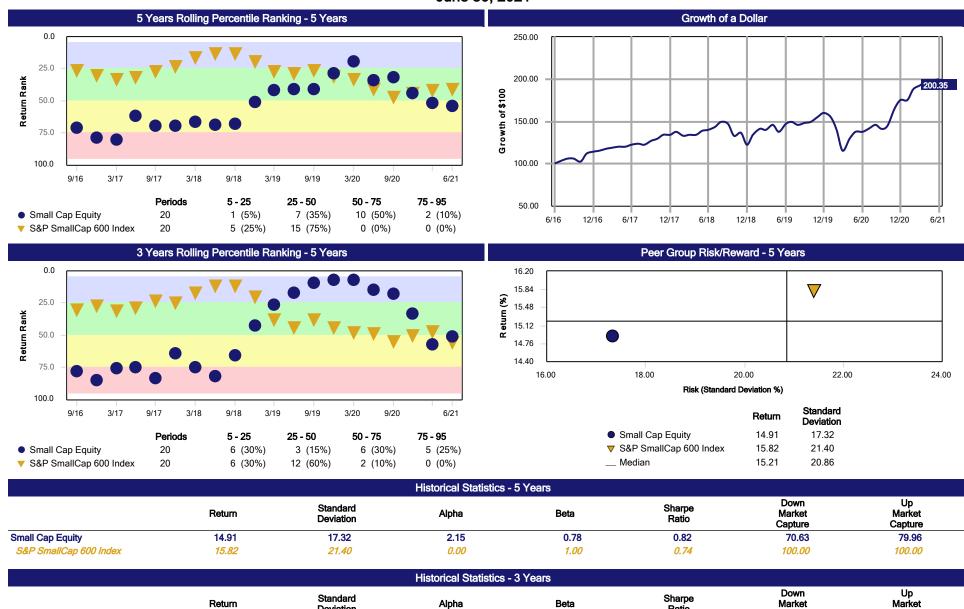
#### Panama City Beach General Employees Pension Plan Mid Cap Equity June 30, 2021



Historical Statistics - 3 Years									
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture		
Mid Cap Equity	13.64	21.80	1.22	0.92	0.64	84.65	90.78		
S&P MidCap 400 Index	<i>13.17</i>	23.43	0.00	1.00	0.59	100.00	100.00		



#### Panama City Beach General Employees Pension Plan **Small Cap Equity** June 30, 2021





Capture

82.42

100.00

0.80

1.00

2.04

0.00

Ratio

0.59

0.53

Capture

76.21

100.00

Deviation

21.27

25.64

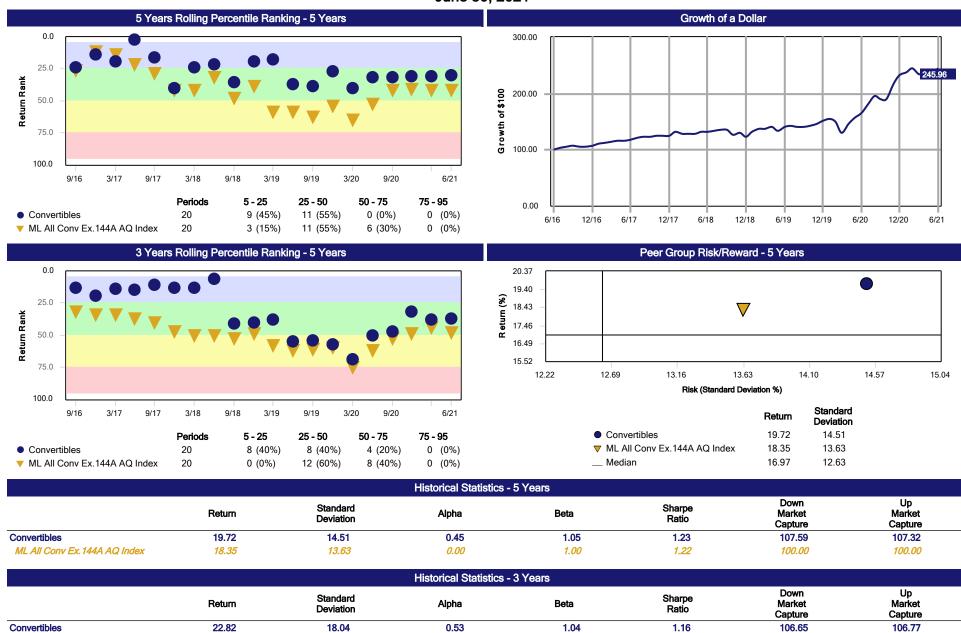
12.39

12.20

**Small Cap Equity** 

S&P SmallCap 600 Index

#### Panama City Beach General Employees Pension Plan Convertibles June 30, 2021





100.00

1.00

1.14

100.00

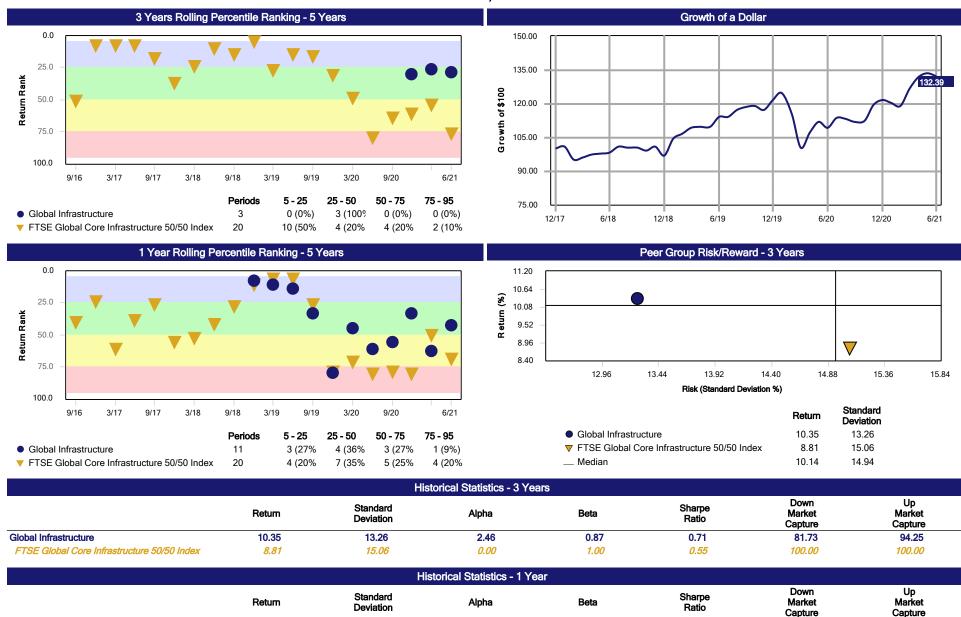
0.00

ML All Conv Ex. 144A AQ Index

21.29

17.09

#### Panama City Beach General Employees Pension Plan Global Infrastructure June 30, 2021



98.25

100.00

3.86

0.00

0.86

1.00

2.06

1.71

71.56

100.00

9.45

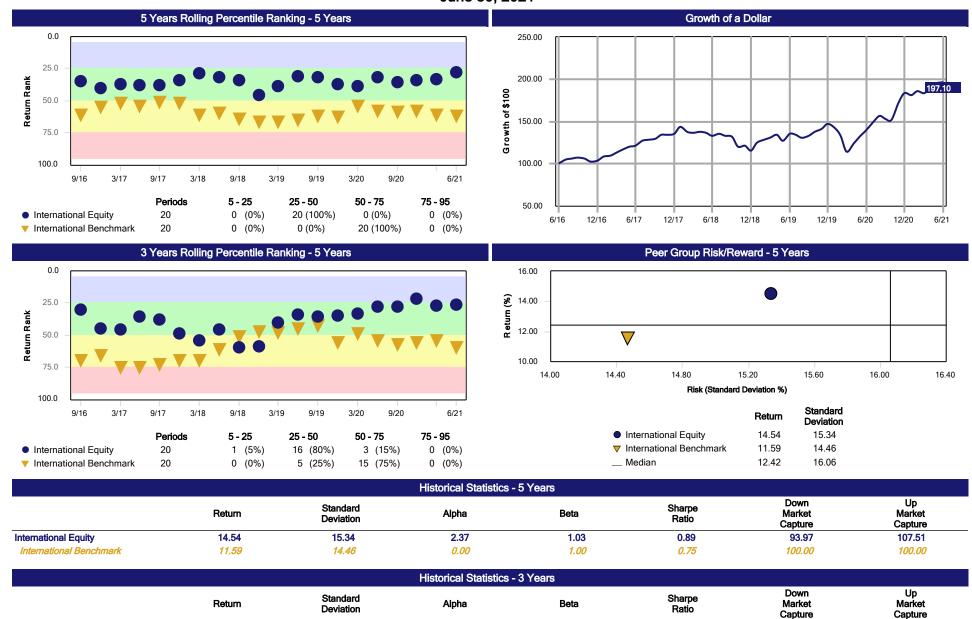
10.71

20.86 *19.38* 

Global Infrastructure

FTSE Global Core Infrastructure 50/50 Index

#### Panama City Beach General Employees Pension Plan International Equity June 30, 2021





110.16

100.00

1.04

1.00

0.72

0.55

95.28

100.00

3.39

0.00

International Equity

International Benchmark

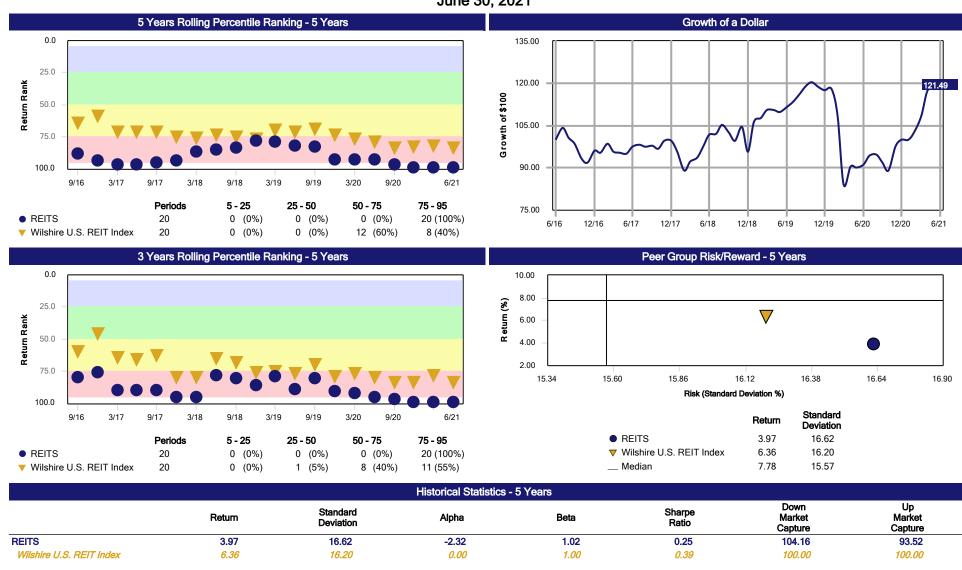
13.89

9.88

18.43

17.35

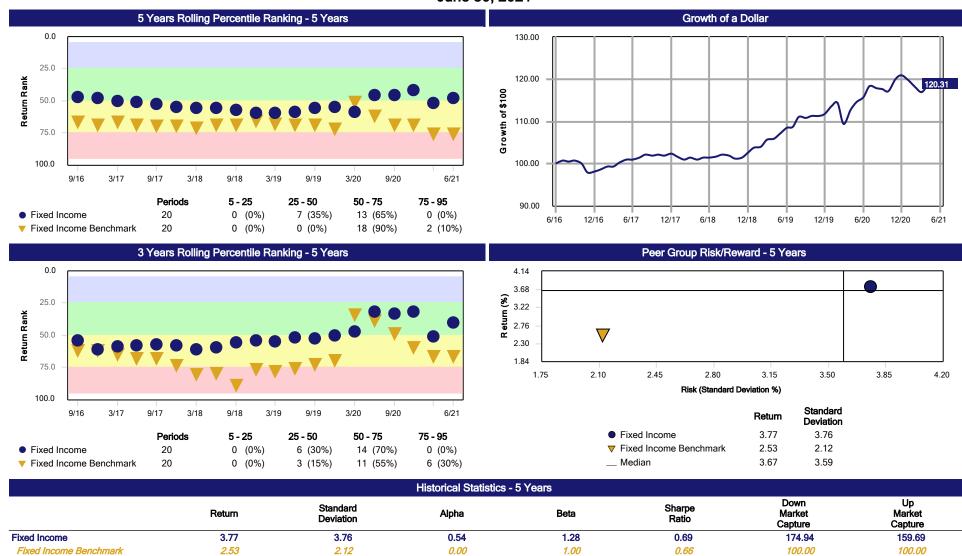
#### Panama City Beach General Employees Pension Plan REITS June 30, 2021



Historical Statistics - 3 Years									
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture		
REITS	6.11	19.42	-3.80	1.03	0.34	106.11	91.24		
Wilshire U.S. REIT Index	<i>10.06</i>	<i>18.72</i>	0.00	1.00	0.54	100.00	100.00		



#### Panama City Beach General Employees Pension Plan Fixed Income June 30, 2021



Historical Statistics - 3 Years									
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture		
Fixed Income	5.84	4.39	-0.25	1.39	1.00	312.46	166.84		
Fixed Income Benchmark	4.41	<i>2.10</i>	0.00	1.00	<i>1.50</i>	100.00	100.00		



#### Panama City Beach General Employees Pension Plan Glossary June 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 General Employees Pension Plan Glossary June 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 General Employees Pension Plan Disclosure June 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.



