

### Burgess Chambers & Associates, Inc.

Institutional Investment Advisors

www.burgesschambers.com

December 31, 2022

### Palm Bay Police & Firefighters' Pension Fund

Investment Performance Period Ending December 31, 2022

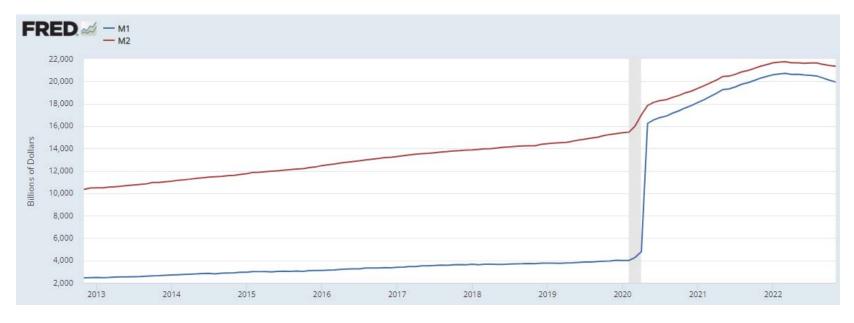


#### Palm Bay Police & Firefighters' Pension Fund BCA Market Perspective © The Bust of Stocks and Bonds in 2022 January 2023

We have to revisit 2008 to witness a similar collapse of U.S. and foreign stocks as we did this year. At that time, the trigger was exposing the pervasive mortgage market fraud that caught many investors, banks, and insurance companies by surprise. Major investment banks like Lehman Brothers and Bear Stearns collapsed. In that year, high quality bonds performed well, providing the means to rebalance pension plan portfolios.

In 2022, the S&P 500 dropped 19% and the DJIA fell by 9%. The technology heavy Nasdaq composite gave away 33%. Bitcoin, which was intended to be a stock market hedge, fell 60%. What happened to bonds was unprecedented, as the Federal Reserve led the charge by aggressively raising the Fed Funds rate to 4.5% from zero. Inflation data was now front and center and this pushed the 10-year Treasury note up from 1.5% to 3.8%. The result was a 15% collapse of the Bloomberg Aggregate Bond Index.

For some perspective, the 1970's was a disastrous decade for the stock market, following President Nixon's decision to drop the U.S. dollar-based gold standard. Inflation moved from 4.7% to 12.3% in December 1974. Several months later, the Fed Reserve reset the fed funds rate to 7% and then to 11% by December. By March 1975, the rate had reached 16% only to worsen the recession. But a month later, the Fed (under Arthur Burns) pivoted the fed funds rate back down to 5.25% to end the recession, but inflation remained at 12.2%. In 1980, inflation averaged 13.5%. The collapse of the dollar in 1974 was a far greater cause of inflation than the 2020 to 2022 growth in the money supply (M1 & M2).





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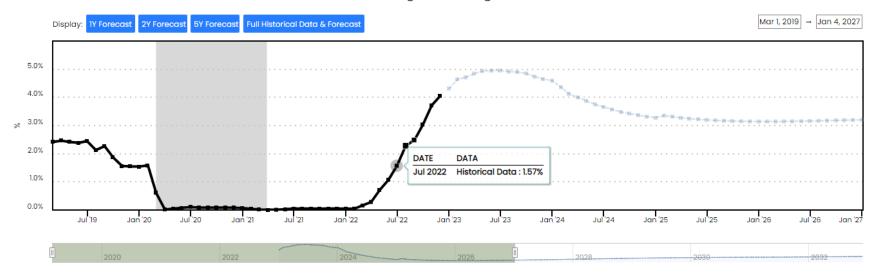
#### Key intentions of Federal Reserve Policies in 2022:

- Further reduce the money supply (M1 & M2)
- Strengthen the U.S. dollar against all major currencies to slow the rise in oil prices and reduce U.S. imported goods costs
- Weaken the U.S. labor market to curb the rise in labor costs and reduce consumer demand
- Soften U.S. corporate earnings to curb capital investment and hiring
- Most importantly, to force the Consumer Price Index back to a 2.0% annual rate from 7.1%

#### What is expected in 2023:

- 1) Hiring freezes and corporate lay offs
- 2) CPI continues a gradual decline
- 3) Consumer spending moderates as borrowing slows down
- 4) Corporate earnings growth moderates
- 5) Federal Reserve pivots to neutral the timing being data driven

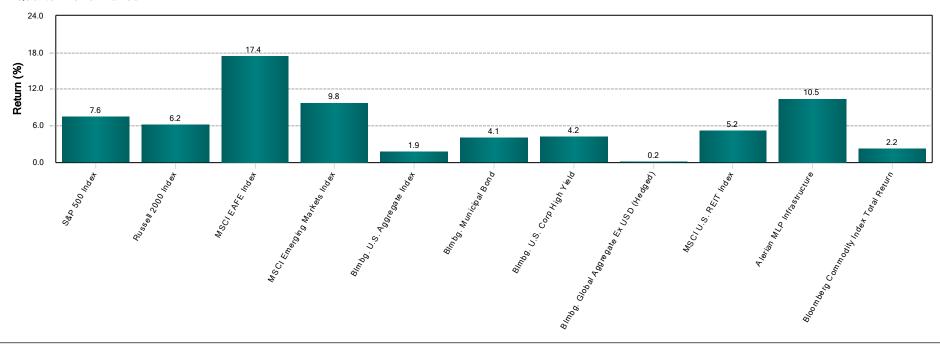
Secured Overnight Financing Rate Forecast



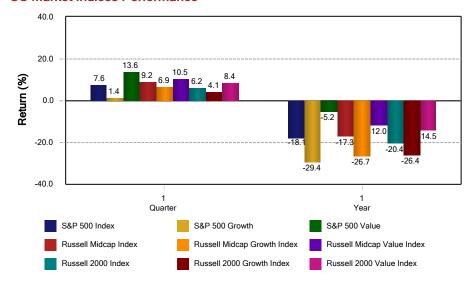


Quarterly Market Summary December 31, 2022

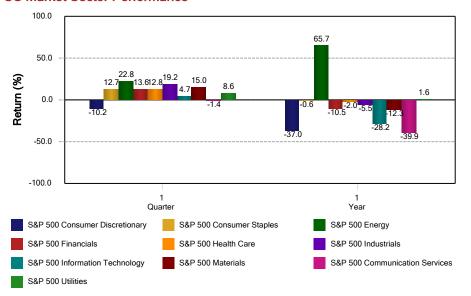
#### 1 Quarter Performance



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



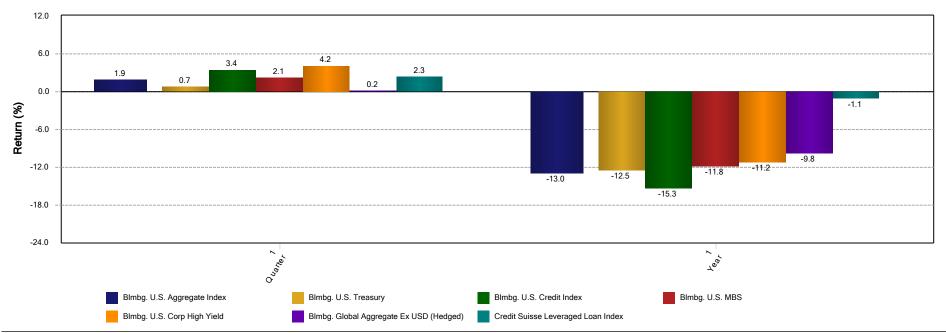
#### **US Market Sector Performance**



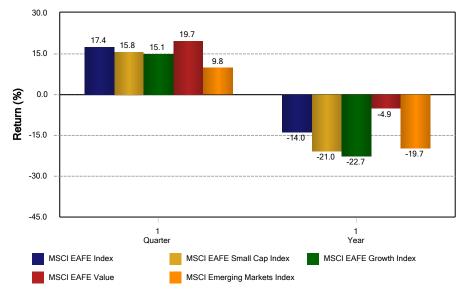


Quarterly Market Summary December 31, 2022

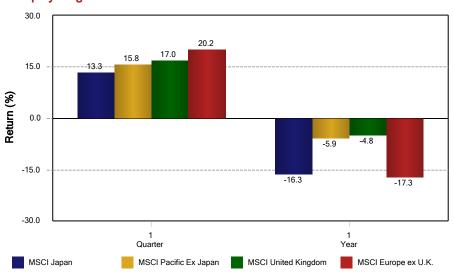
#### **Fixed Income Market Sector Performance**



#### **Intl Equity Indices Performance**



#### **Intl Equity Region Performance**





# Palm Bay Police & Firefighters' Pension Fund Total Fund Investment Summary December 31, 2022

- For the quarter, the Fund was up \$10.7 million (or +5.4% gross, +5.2% net), slightly ahead of the Target Index (+5.3%).
- The best performing asset for the quarter was Virtus Ceredex small cap value returning +14.3%.
- For the one-year period, the Fund was down \$45.6 million (or -17.5% gross, -18.0% net) vs. the Target Index (-13.5%).
- The best performing asset for the one-year period was JPMorgan private real estate (+4.6%).
- For the three-year period, the Fund earned \$20.3 million (+3.2% gross per year) vs. +4.5% for the Target Index and ranked in the 60% of the Public Fund Universe.
- For the five-year period, the Fund earned \$52.6 million (+5.4% gross per year) vs. +5.7% for the Target Index and ranked in the 53% of the Public Fund Universe.
- The five-year rolling performance has remained consistent, placing in the top quartile 85% of the periods beginning 03/31/18. After a very difficult year, the most recent five-year period ranked in the 53rd percentile.
- Reminder: DRZ SMID Value was added to the manager lineup in December, 2022.



#### Palm Bay Police & Firefighters' Pension Fund Total Fund Investment Policy Review December 31, 2022

	<b>Yes</b>	No
Equity allocation was within the 75% limitation at market stated in the Investment Policy.	$\overline{\boxtimes}$	
No more than 25% of the Fund's assets (at market value) were invested in foreign securities.	$\boxtimes$	
No more than 5% of the Fund's assets were invested in common or capital stock of an issuing company.	$\boxtimes$	
No more than 5% of an equity manager's portfolio (at cost value) was invested in a single corporate issuer.	$\boxtimes$	
No more than 10% of the convertible manager's portfolio (at market value) was invested in a single corporate issuer.	$\boxtimes$	
No more than 10% of the fixed income total portfolio (at cost value) was invested in a single corporate issuer.	$\boxtimes$	
SunTrust equity allocation was within the 60% limitation at market stated in the Investment Policy.	$\boxtimes$	
PFIA Compliant	$\boxtimes$	

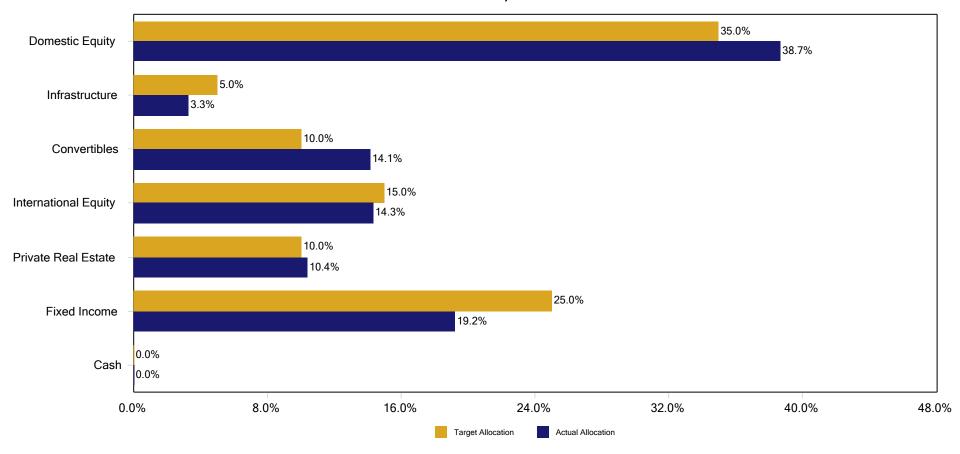


#### Palm Bay Police & Firefighters' Pension Fund Investment Performance - Net December 31, 2022

	<u>Quarter</u>	One Year	<u>Year</u> <u>Three Years</u> <u>Four Years</u>		<u>Three Years</u> <u>Four Years</u> <u>Fi</u>		One Year Three Years		Five Years
Beginning Market Value	199,631,924	260,347,371	209,001,532	177,665,057	189,283,564				
Contributions	-1,591,535	-6,033,796	-20,599,586	-26,736,593	-33,145,656				
Gain/Loss	10,663,881	-45,609,306	20,302,323	57,775,806	52,566,362				
Ending Market Value	208,704,270	208,704,270	208,704,270	208,704,270	208,704,270				
Total Fund (%)	5.2	-18.0	2.6	6.9	4.7				
Target Index (%)	5.3	-13.5	4.5	8.2	5.7				



#### Palm Bay Police & Firefighters' Pension Fund Actual vs. Target Asset Allocation December 31, 2022

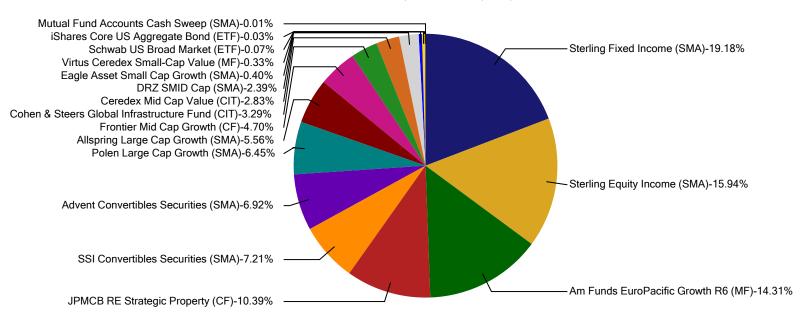


	Market Value Actual \$	Percent Actual	Percent Target	Percent Difference
Total Fund	208,704,270	100.0	100.0	0.0
Domestic Equity	80,691,675	38.7	35.0	3.7
Infrastructure	6,875,836	3.3	5.0	-1.7
Convertibles	29,480,208	14.1	10.0	4.1
International Equity	29,873,967	14.3	15.0	-0.7
Private Real Estate	21,681,779	10.4	10.0	0.4
Fixed Income	40,077,254	19.2	25.0	-5.8
Cash	23,550	0.0	0.0	0.0



#### Palm Bay Police & Firefighters' Pension Fund Asset Allocation

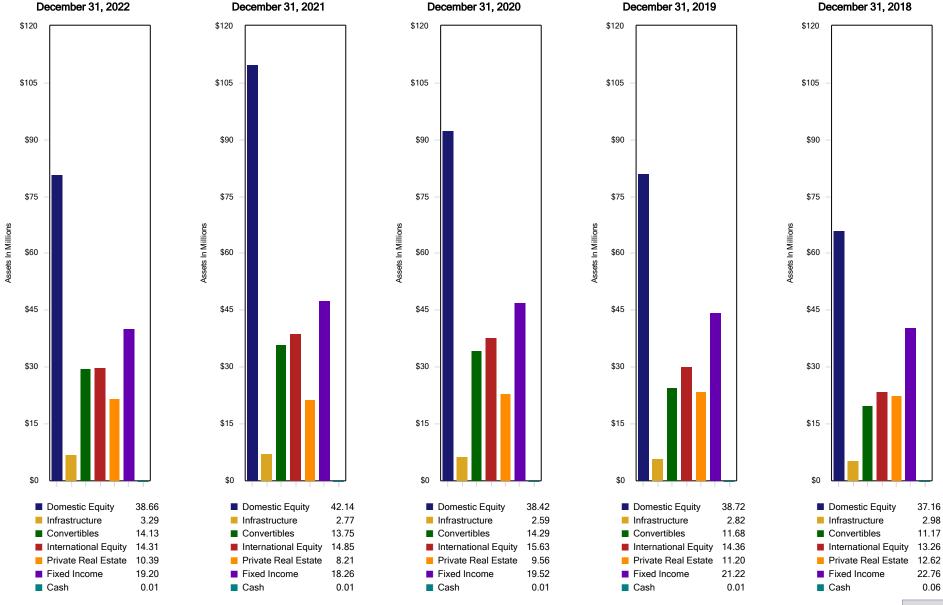
December 31, 2022 : 208,704,270



	Market Value \$	Allocation (%)
■ Sterling Fixed Income (SMA)	40,023,425	19.18
Sterling Equity Income (SMA)	33,257,065	15.94
Am Funds EuroPacific Growth R6 (MF)	29,873,967	14.31
■ JPMCB RE Strategic Property (CF)	21,681,779	10.39
SSI Convertibles Securities (SMA)	15,045,949	7.21
Advent Convertibles Securities (SMA)	14,434,259	6.92
Polen Large Cap Growth (SMA)	13,454,484	6.45
Allspring Large Cap Growth (SMA)	11,598,127	5.56
Frontier Mid Cap Growth (CF)	9,807,201	4.70
■ Cohen & Steers Global Infrastructure Fund (CIT)	6,875,836	3.29
Ceredex Mid Cap Value (CIT)	5,907,791	2.83
■ DRZ SMID Cap (SMA)	4,991,211	2.39
Eagle Asset Small Cap Growth (SMA)	838,069	0.40
Virtus Ceredex Small-Cap Value (MF)	697,829	0.33
Schwab US Broad Market (ETF)	139,897	0.07
■ iShares Core US Aggregate Bond (ETF)	53,829	0.03
Mutual Fund Accounts Cash Sweep (SMA)	23,550	0.01



#### Palm Bay Police & Firefighters' Pension Fund Historical Asset Allocation December 31, 2022





#### Palm Bay Police & Firefighters' Pension Fund Asset Allocation & Performance - Gross December 31, 2022

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	4 Year ROR - Rank	5 Year ROR - Rank
Total Fund Target Index	208,704,270	5.4 (50) 5.3	<b>-17.5 (100)</b> -13.5	<b>3.2 (60)</b> 4.5	<b>7.5 (50)</b> 8.2	<b>5.4 (53)</b> 5.7
Equity	146,921,686	8.1	-21.2	4.1	10.0	6.6
Domestic Equity	80,691,675	7.9	-23.1	4.3	11.1	8.1
Sterling Equity Income (SMA) Russell 1000 Value Index	33,257,065	<b>12.8 (49)</b> 12.4	<b>N/A</b> -7.5	<b>N/A</b> 6.0	<b>N/A</b> 10.8	<b>N/A</b> 6.7
Schwab US Broad Market (ETF) Russell 1000 Index	139,897	<b>7.2</b> 7.2	<b>-19.4</b> -19.1	<b>7.0</b> 7.3	<b>12.5</b> 12.9	<b>8.7</b> 9.1
Polen Large Cap Growth (SMA)	13,454,484	0.7 (82)	-36.9 (90)	2.1 (92)	10.3 (81)	10.0 (51)
Allspring Large Cap Growth (SMA) Russell 1000 Growth Index	11,598,127	<b>0.8 (81)</b> 2.2	<b>-32.4 (74)</b> -29.1	<b>3.2 (85)</b> 7.8	<b>10.2 (82)</b> 14.3	<b>8.5 (75)</b> 11.0
Ceredex Mid Cap Value (CIT) Russell Midcap Value Index	5,907,791	<b>12.5</b> 10.5	<b>-12.6</b> -12.0	<b>4.9</b> 5.8	<b>11.6</b> 10.8	<b>7.6</b> 5.7
Frontier Mid Cap Growth (CF) Russell Midcap Growth Index	9,807,201	<b>6.0 (52)</b> 6.9	<b>-27.7 (50)</b> -26.7	<b>3.4 (76)</b> 3.9	<b>10.3 (82)</b> 11.0	<b>7.0 (89)</b> 7.6
DRZ SMID Cap (SMA) Russell 2500 Value Index	4,991,211	<b>N/A</b> 9.2	<b>N/A</b> -13.1	<b>N/A</b> 5.2	<b>N/A</b> 9.5	<b>N/A</b> 4.8
Virtus Ceredex Small-Cap Value (MF) Russell 2000 Value Index	697,829	<b>14.3</b> 8.4	<b>-8.7</b> -14.5	<b>6.4</b> 4.7	<b>9.4</b> 8.9	<b>4.9</b> 4.1
Eagle Asset Small Cap Growth (SMA) Russell 2000 Growth Index	838,069	<b>3.7 (61)</b> 4.1	<b>-26.8 (42)</b> -26.4	<b>3.0 (80)</b> 0.6	<b>8.1 (93)</b> 7.0	<b>6.0 (85)</b> 3.5
Global Infrastructure	6,875,836	9.2	-4.1	3.6	N/A	N/A
Cohen & Steers Global Infrastructure Fund (CIT) FTSE Global Core Infrastructure 50/50 Index	6,875,836	<b>9.2</b> 9.2	<b>-4.1</b> -4.2	<b>0.9</b> 2.3	<b>N/A</b> 7.8	<b>N/A</b> 5.5



#### Palm Bay Police & Firefighters' Pension Fund Asset Allocation & Performance - Gross December 31, 2022

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	4 Year ROR - Rank	5 Year ROR - Rank
Convertibles	29,480,208	3.2	-17.7	7.7	11.3	8.7
Advent Convertibles Securities (SMA)	14,434,259	4.3 (20)	-16.0 (67)	7.1 (22)	10.8 (23)	8.2 (18)
SSI Convertibles Securities (SMA) ICE BofAML All Convertibles, All Qualities	15,045,949	<b>2.1 (70)</b> 1.6	<b>-19.2 (77)</b> -18.7	<b>8.2 (12)</b> 8.1	<b>11.8 (9)</b> 11.7	<b>9.1 (13)</b> 9.3
International Equity	29,873,967	13.9	-22.3	0.4	6.7	2.1
Am Funds EuroPacific Growth R6 (MF) International Benchmark	29,873,967	<b>13.9</b> 14.4	<b>-22.3</b> -15.6	<b>0.4</b> 0.5	<b>6.7</b> 5.5	<b>2.0</b> 1.4
Private Real Estate	21,681,779	-5.0	4.6	8.7	7.6	7.7
JPMCB RE Strategic Property (CF) NCREIF Fund Index-ODCE (VW)	21,681,779	<b>-5.0</b> -5.0	<b>4.6</b> 7.5	<b>8.7</b> 9.9	<b>7.6</b> 8.8	<b>7.7</b> 8.7
Fixed Income	40,077,254	2.0 (26)	-12.4 (23)	-1.5 (12)	0.8 (29)	0.7 (25)
iShares Core US Aggregate Bond (ETF)	53,829	1.6	-12.9	-2.7	0.0	0.0
Sterling Fixed Income (SMA) Fixed Income Benchmark	40,023,425	<b>2.0 (23)</b> 1.9	<b>N/A</b> -13.0	<b>N/A</b> -2.7	<b>N/A</b> 0.0	<b>N/A</b> 0.0
Cash	23,550	0.8	1.4	1.5	1.5	1.5
Mutual Fund Accounts Cash Sweep (SMA) ICE BofAML 3 Month U.S. T-Bill	23,550	<b>0.8</b> 0.8	<b>1.4</b> 1.5	<b>1.5</b> 0.7	<b>1.5</b> 1.1	<b>1.5</b> 1.3



#### Palm Bay Police & Firefighters' Pension Fund Asset Allocation & Performance - Net December 31, 2022

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	4 Year ROR - Rank	5 Year ROR - Rank
Total Fund Target Index	208,704,270	<b>5.2</b> 5.3	<b>-18.0</b> -13.5	<b>2.6</b> 4.5	<b>6.9</b> 8.2	<b>4.7</b> 5.7
Equity	146,921,686	8.0	-21.7	3.4	9.3	6.0
Domestic Equity	80,691,675	7.7	-23.6	3.7	10.4	7.4
Sterling Equity Income (SMA) Russell 1000 Value Index	33,257,065	<b>12.7</b> 12.4	<b>N/A</b> -7.5	<b>N/A</b> 6.0	<b>N/A</b> 10.8	<b>N/A</b> 6.7
Schwab US Broad Market (ETF) Russell 1000 Index	139,897	<b>7.2 (65)</b> 7.2	<b>-19.4 (64)</b> -19.1	<b>6.9 (51)</b> 7.3	<b>12.5 (53)</b> 12.9	<b>8.7 (54)</b> 9.1
Polen Large Cap Growth (SMA)	13,454,484	0.6	-37.3	1.4	9.6	9.3
Allspring Large Cap Growth (SMA) Russell 1000 Growth Index	11,598,127	<b>0.7</b> 2.2	<b>-32.9</b> -29.1	<b>2.5</b> 7.8	<b>9.5</b> 14.3	<b>7.8</b> 11.0
Ceredex Mid Cap Value (CIT) Russell Midcap Value Index	5,907,791	<b>12.3 (37)</b> 10.5	<b>-13.3 (99)</b> -12.0	<b>4.0 (97)</b> 5.8	<b>10.7 (72)</b> 10.8	<b>6.7 (31)</b> 5.7
Frontier Mid Cap Growth (CF) Russell Midcap Growth Index	9,807,201	<b>5.8</b> 6.9	<b>-28.3</b> -26.7	<b>2.6</b> 3.9	<b>9.5</b> 11.0	<b>6.1</b> 7.6
DRZ SMID Cap (SMA) Russell 2500 Value Index	4,991,211	<b>N/A</b> 9.2	<b>N/A</b> -13.1	<b>N/A</b> 5.2	<b>N/A</b> 9.5	<b>N/A</b> 4.8
Virtus Ceredex Small-Cap Value (MF) Russell 2000 Value Index	697,829	<b>14.0 (12)</b> 8.4	<b>-9.8 (41)</b> -14.5	<b>5.1 (85)</b> 4.7	<b>8.1 (93)</b> 8.9	<b>3.6 (73)</b> 4.1
Eagle Asset Small Cap Growth (SMA) Russell 2000 Growth Index	838,069	<b>3.5</b> 4.1	<b>-27.4</b> -26.4	<b>2.2</b> 0.6	<b>7.2</b> 7.0	<b>5.1</b> 3.5
Global Infrastructure	6,875,836	9.0	-4.8	2.8	N/A	N/A
Cohen & Steers Global Infrastructure Fund (CIT) FTSE Global Core Infrastructure 50/50 Index	6,875,836	<b>9.0 (73)</b> 9.2	<b>-4.8 (15)</b> -4.2	<b>0.2 (94)</b> 2.3	<b>N/A</b> 7.8	<b>N/A</b> 5.5



#### Palm Bay Police & Firefighters' Pension Fund Asset Allocation & Performance - Net December 31, 2022

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	4 Year ROR - Rank	5 Year ROR - Rank
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Advent Convertibles Securities (SMA)	14,434,259	4.0	-16.7	6.2	10.0	7.4
SSI Convertibles Securities (SMA) ICE BofAML All Convertibles, All Qualities	15,045,949	<b>1.9</b> 1.6	<b>-19.8</b> -18.7	<b>7.4</b> 8.1	<b>10.9</b> 11.7	<b>8.3</b> 9.3
International Equity	29,873,967	13.8	-22.7	-0.2	6.1	1.5
Am Funds EuroPacific Growth R6 (MF) International Benchmark	29,873,967	<b>13.8 (54)</b> 14.4	<b>-22.7 (67)</b> -15.6	<b>-0.2 (51)</b> 0.5	<b>6.1 (33)</b> 5.5	<b>1.5 (30)</b> 1.4
Private Real Estate	21,681,779	-5.2	3.6	7.6	6.5	6.6
JPMCB RE Strategic Property (CF) NCREIF Fund Index-ODCE (VW)	21,681,779	<b>-5.2</b> -5.0	<b>3.6</b> 7.5	<b>7.6</b> 9.9	<b>6.5</b> 8.8	<b>6.6</b> 8.7
Fixed Income	40,077,254	1.9	-12.6	-1.8	0.5	0.4
iShares Core US Aggregate Bond (ETF)	53,829	1.6 (66)	-13.0 (21)	-2.8 (58)	-0.1 (65)	-0.1 (49)
Sterling Fixed Income (SMA) Fixed Income Benchmark	40,023,425	<b>2.0</b> 1.9	<b>N/A</b> -13.0	<b>N/A</b> -2.7	<b>N/A</b> 0.0	<b>N/A</b> 0.0
Cash	23,550	0.8	1.4	1.5	1.5	1.5
Mutual Fund Accounts Cash Sweep (SMA) ICE BofAML 3 Month U.S. T-Bill	23,550	<b>0.8</b> 0.8	<b>1.4</b> 1.5	<b>1.5</b> 0.7	<b>1.5</b> 1.1	<b>1.5</b> 1.3

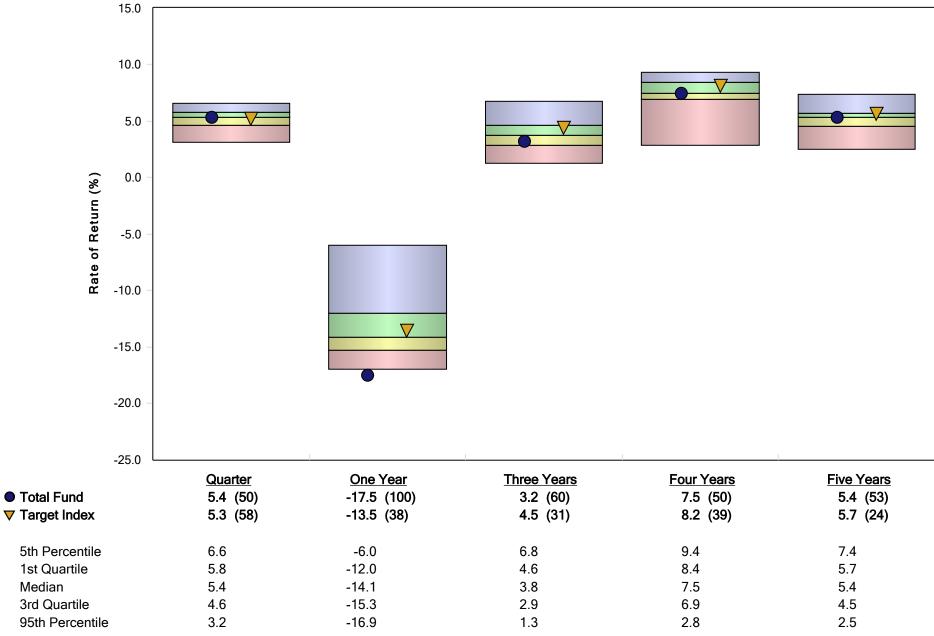


#### Palm Bay Police & Firefighters' Pension Fund Asset Allocation & Performance - Net December 31, 2022

- 1 Target Index: from Dec '19: 35% Russell 3000 + 10% ML All US Convertibles + 15% MSCI ACWI XUS + 10% NCREIF ODCE + 25% Barclays US Aggregate + 5% FTSE Global Core Infrastructure Index; Jun '19: 35% Russell 3000 + 10% ML All US Convertibles + 15% MSCI ACWI XUS + 10% NCREIF ODCE + 25% Barclays US Aggregate + 5% Alerian Midstream Energy Index (AMNA); June'15: 35% Russell 3000 + 10% ML All US Convertibles + 15% MSCI ACWI XUS + 10% NCREIF ODCE + 25% Barclays US Aggregate + 5% Alerian MLP; prior from May'13 35% Russell 3000 + 10% ML All US Convertibles + 15% MSCI EAFE Gross +10% NCREIF ODCE + 25% Barclays US Aggregate + 5% Alerian MLP; from Apr'11 40% Russell 3000 + 10% ML All US Convertibles + 15% MSCI EAFE Gross +10% NCREIF ODCE + 25% Barclays US Aggregate; prior from Sep'09 45% Russell 3000 + 15% MSCI EAFE Gross +10% NCREIF + 30% Barclays US Aggregate; prior from Mar'05 is 50% Russell 3000 + 10% MSCI EAFE Gross +10% NCREIF + 30% Merrill Lynch Domestic Master; prior from Dec'99 was 50% Russell 3000 + 10% MSCI EAFE Gross + 40% Merrill Lynch Crp/Gvt Master; prior from Mar'96 was 42% S&P 500 + 13% Russell 2000 + 45% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Oct'95 was 55% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 50% S&P 500 + 50% Merrill Lynch Crp/Gvt
- 2 International Hybrid: June'15: 100% MSCI ACWI XUS; prior was 100% MSCI EAFE.
- 3 Fixed Income Index: from Sept'09 100% Barclays US Aggregate; prior from Mar'05 is 100% Merrill Lynch Domestic Master; prior from Feb'94 was 100% Merrill Lynch Merrill Lynch Merrill Lynch Crp/Gvt Master; prior from Nov'91 was 100% Merrill Lynch Merrill Lynch 3-5 Yr Global Govt.
- 4 Infrastructure Hybrid: from Dec '19: 100% FTSE Core Infrastructure 50/50 ldx; prior June '19: 100% Alerian Midstream Energy ldx; prior was 100% Alerian MLP ldx
- 5 Rate of returns prior to 10/1/1996 are from Foster & Foster and GRS. Rate of returns from 10/1/1996 through 3/31/2008 are from Merrill Lynch.



#### Palm Bay Police & Firefighters' Pension Fund Peer Universe Quartile Ranking December 31, 2022

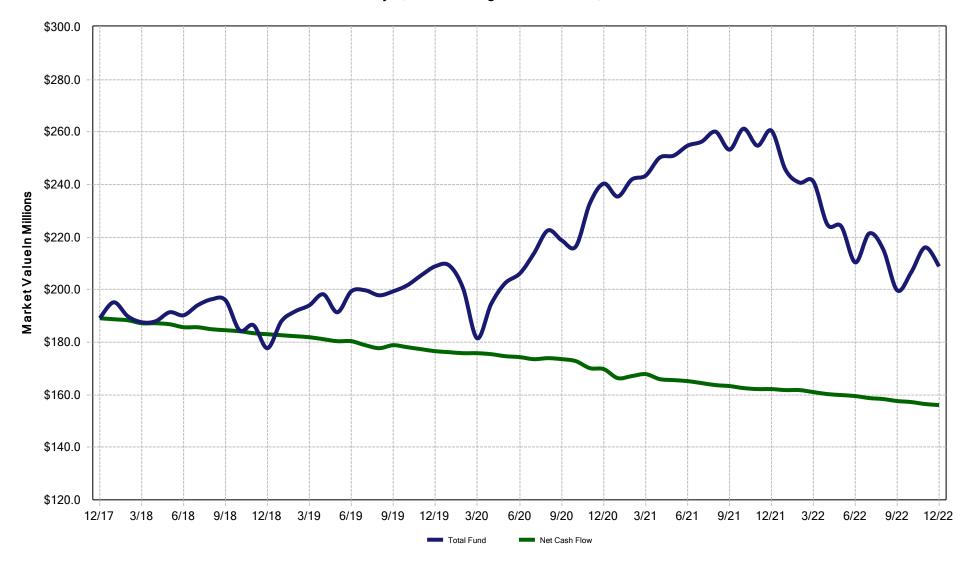


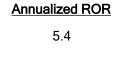
Parentheses contain percentile rankings.

Calculation based on quarterly data.



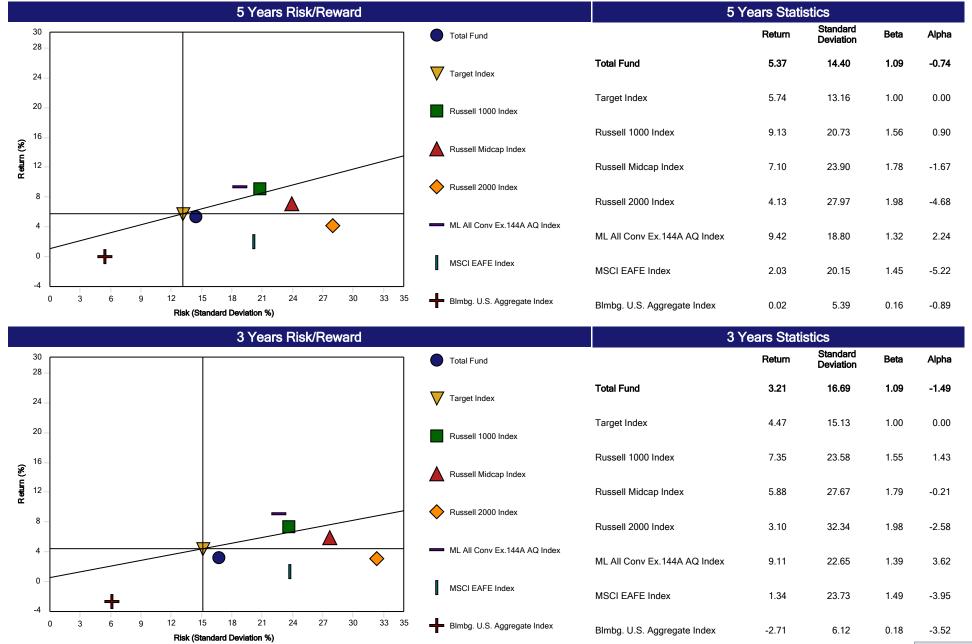
#### Palm Bay Police & Firefighters' Pension Fund Growth of Investments January 1, 2018 Through December 31, 2022





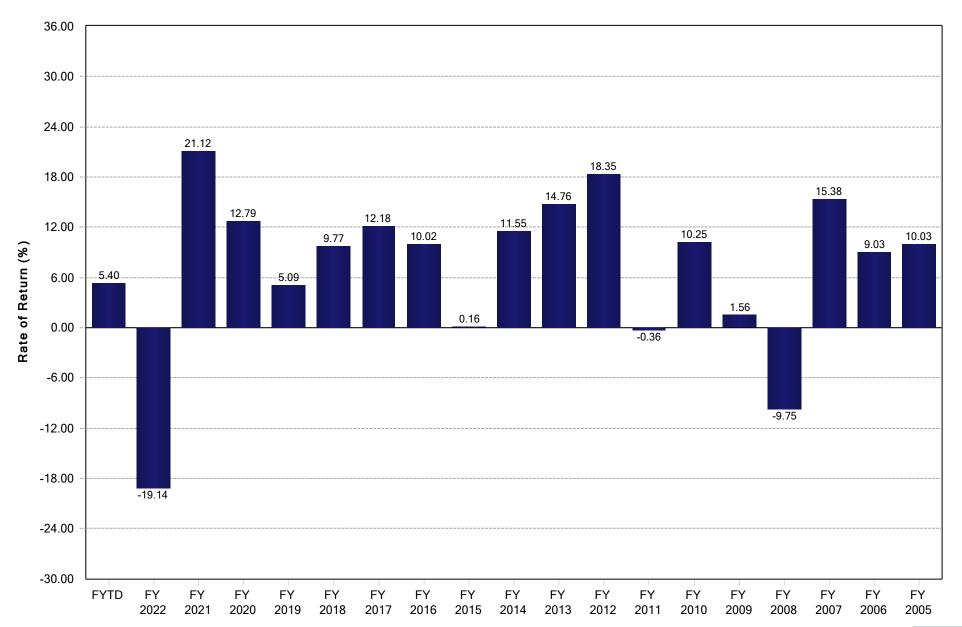
#### Palm Bay Police & Firefighters' Pension Fund **Capital Market Line**

Period Ending December 31, 2022



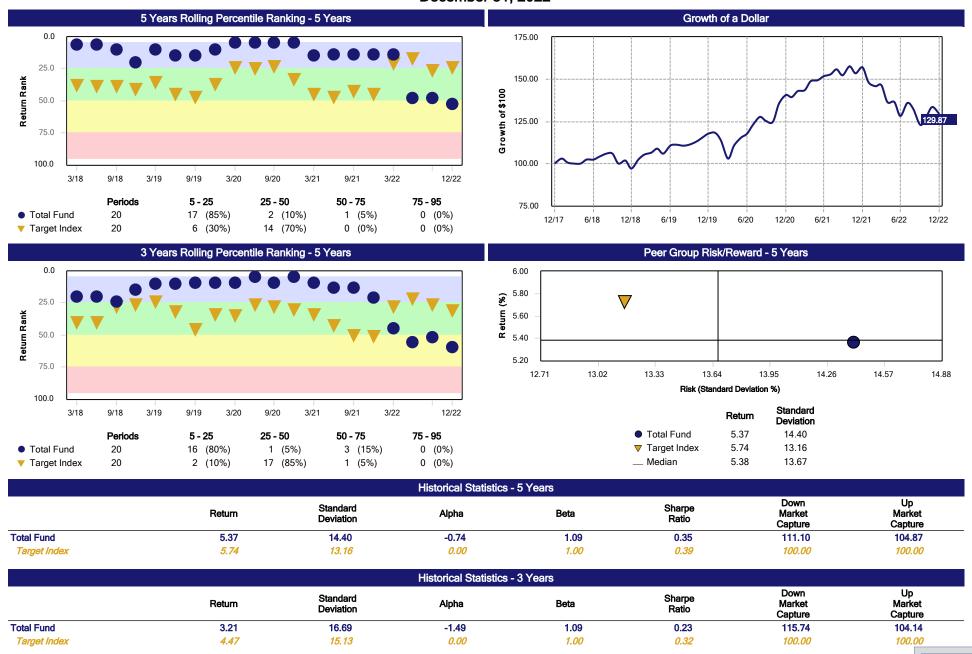


#### Palm Bay Police & Firefighters' Pension Fund Fiscal Year Rates of Return December 31, 2022

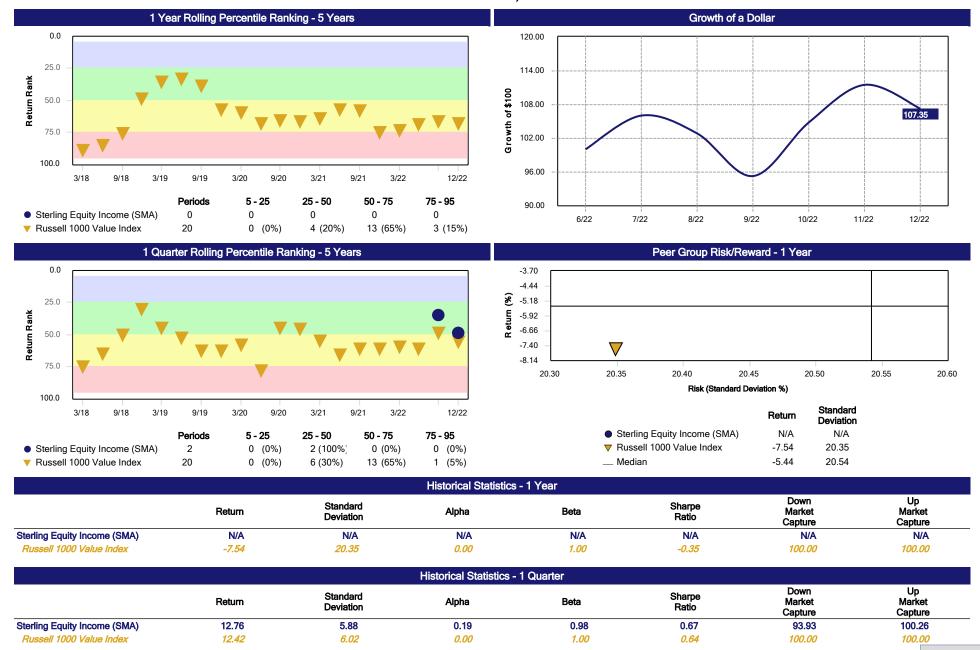




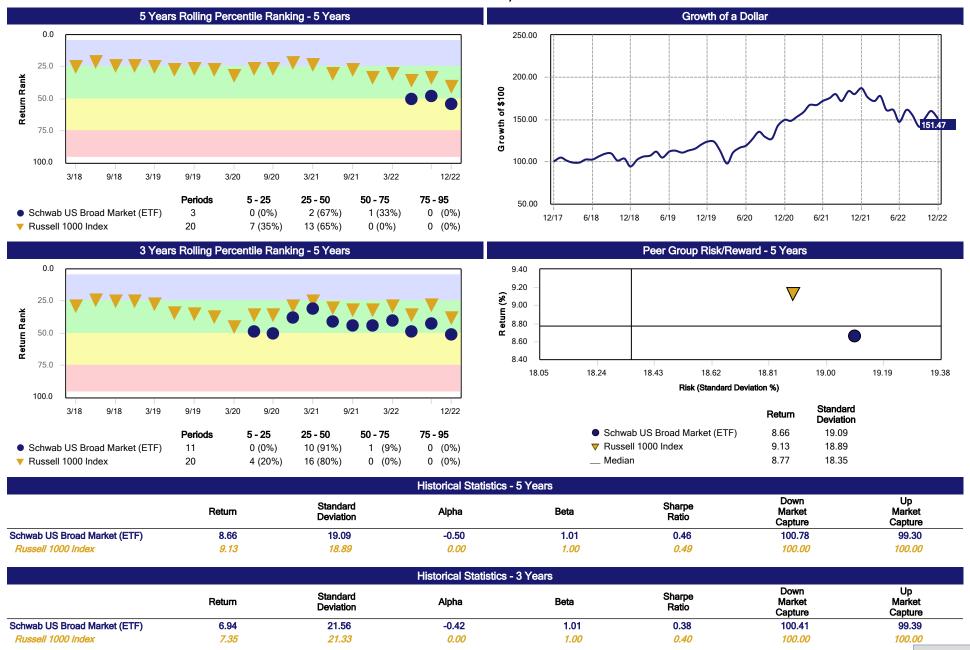
#### Palm Bay Police & Firefighters' Pension Fund Total Fund December 31, 2022



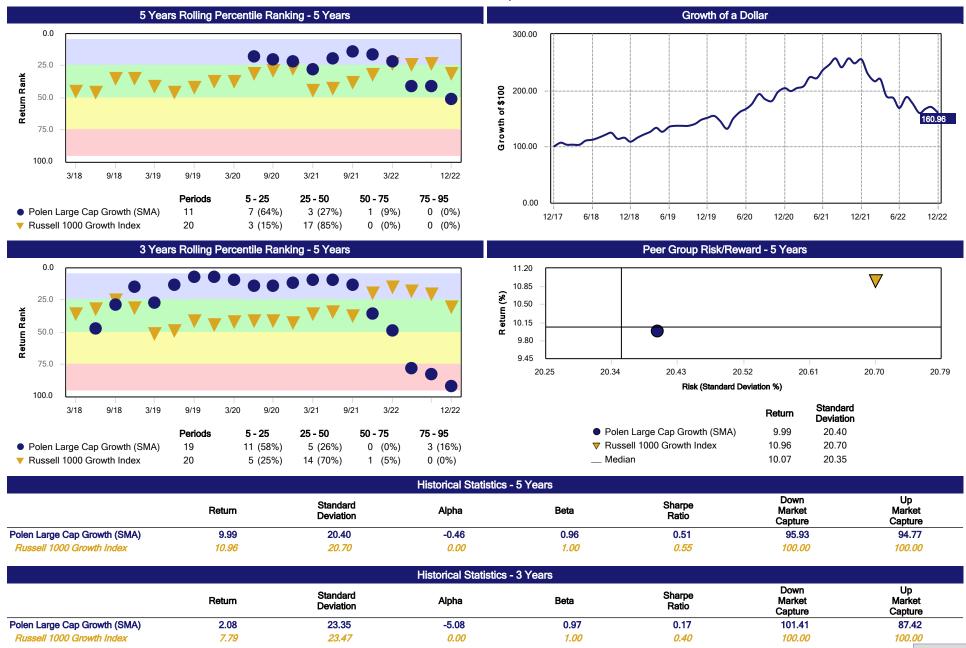
#### Palm Bay Police & Firefighters' Pension Fund Sterling Equity Income (SMA) December 31, 2022



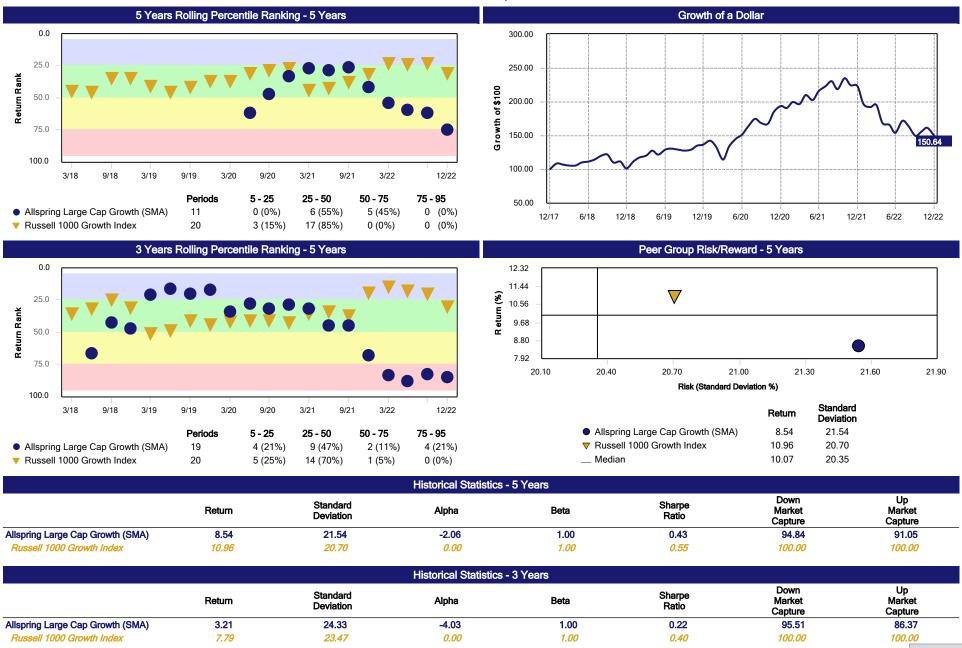
#### Palm Bay Police & Firefighters' Pension Fund Schwab US Broad Market (ETF) December 31, 2022



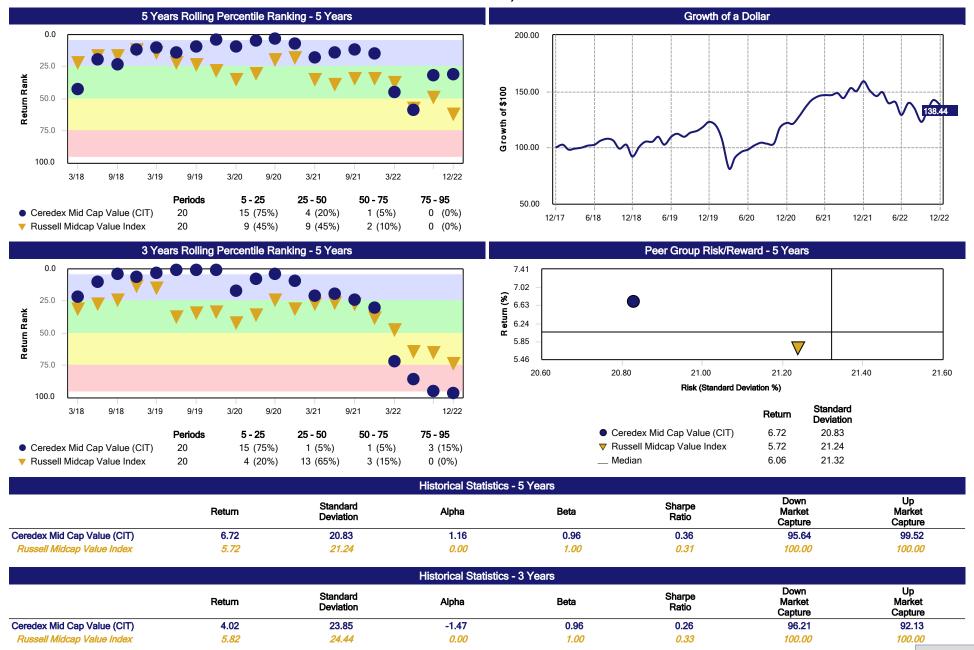
#### Palm Bay Police & Firefighters' Pension Fund Polen Large Cap Growth (SMA) December 31, 2022



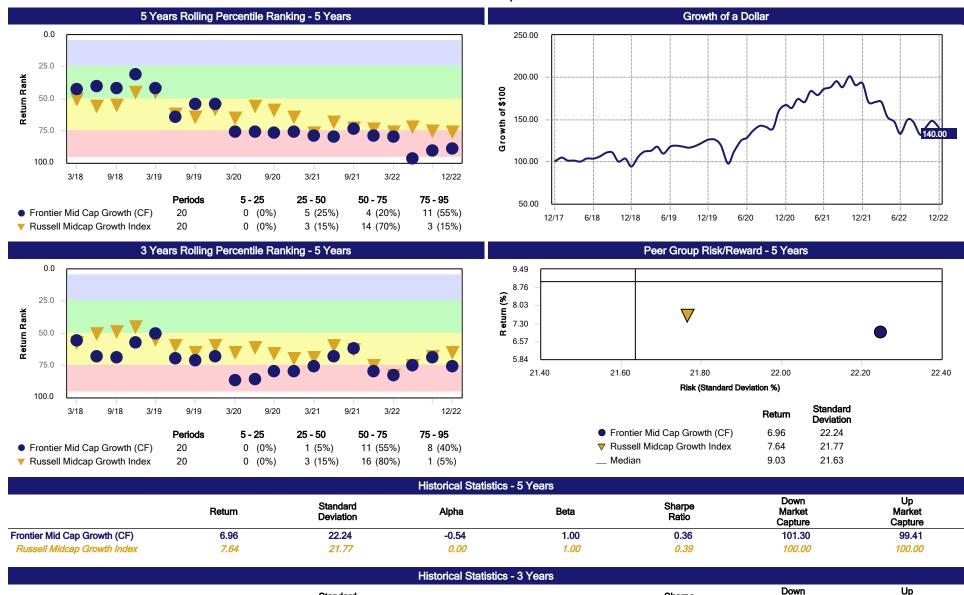
#### Palm Bay Police & Firefighters' Pension Fund Allspring Large Cap Growth (SMA) December 31, 2022



#### Palm Bay Police & Firefighters' Pension Fund Ceredex Mid Cap Value (CIT) December 31, 2022



#### Palm Bay Police & Firefighters' Pension Fund Frontier Mid Cap Growth (CF) December 31, 2022





Market

Capture

101.20

100.00

Market

Capture

102.34

100.00

Beta

1.00

1.00

Alpha

-0.29

0.00

Sharpe

Ratio

0.23

0.25

Standard

Deviation

25.21

24.53

Return

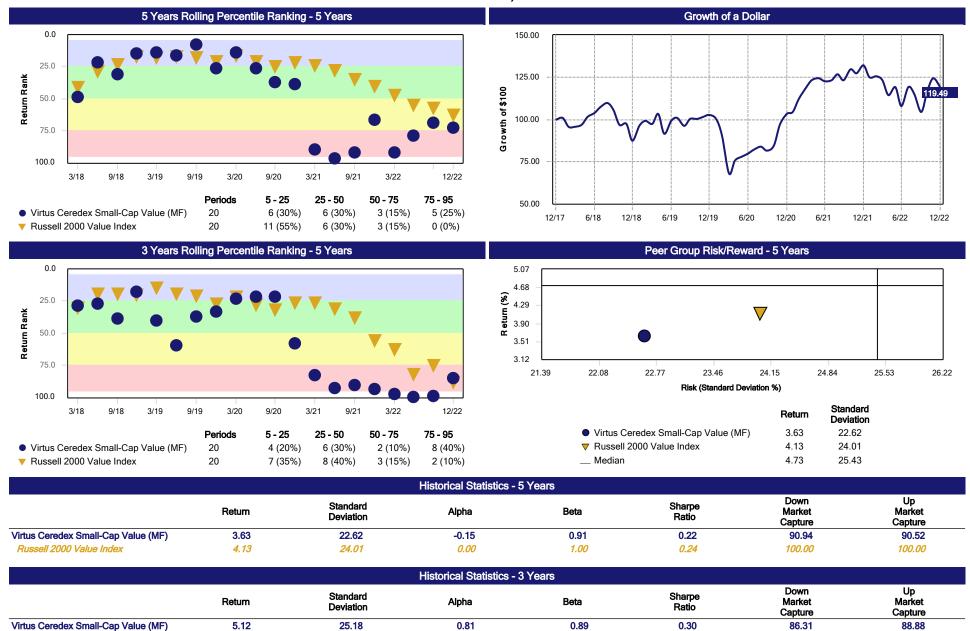
3.38

3.85

Frontier Mid Cap Growth (CF)

Russell Midcap Growth Index

#### Palm Bay Police & Firefighters' Pension Fund Virtus Ceredex Small-Cap Value (MF) December 31, 2022



100.00

100.00

1.00

0.28

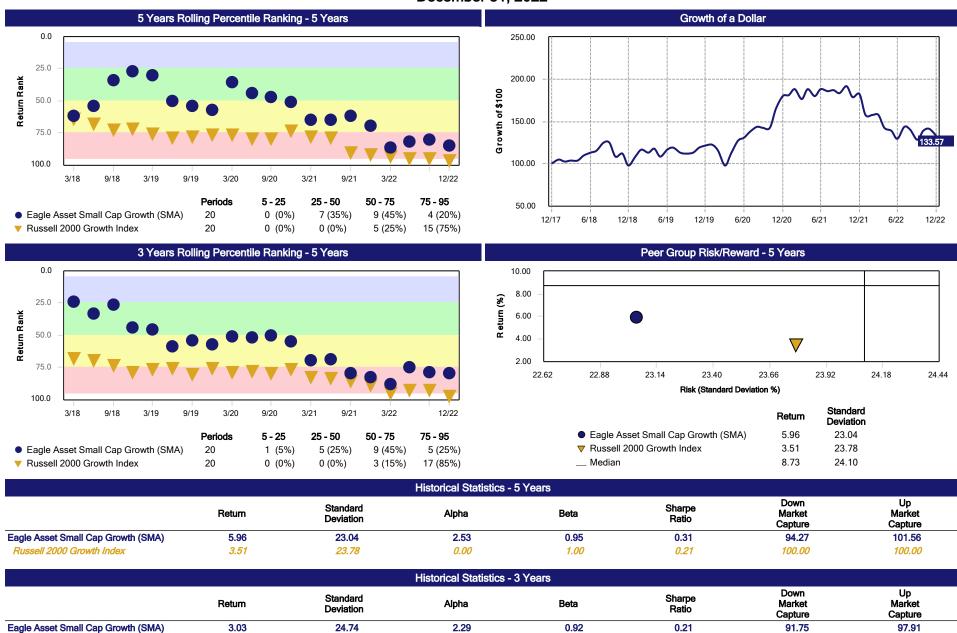
0.00

Russell 2000 Value Index

4.70

27.27

#### Palm Bay Police & Firefighters' Pension Fund Eagle Asset Small Cap Growth (SMA) December 31, 2022



100.00

100.00

1.00

0.13

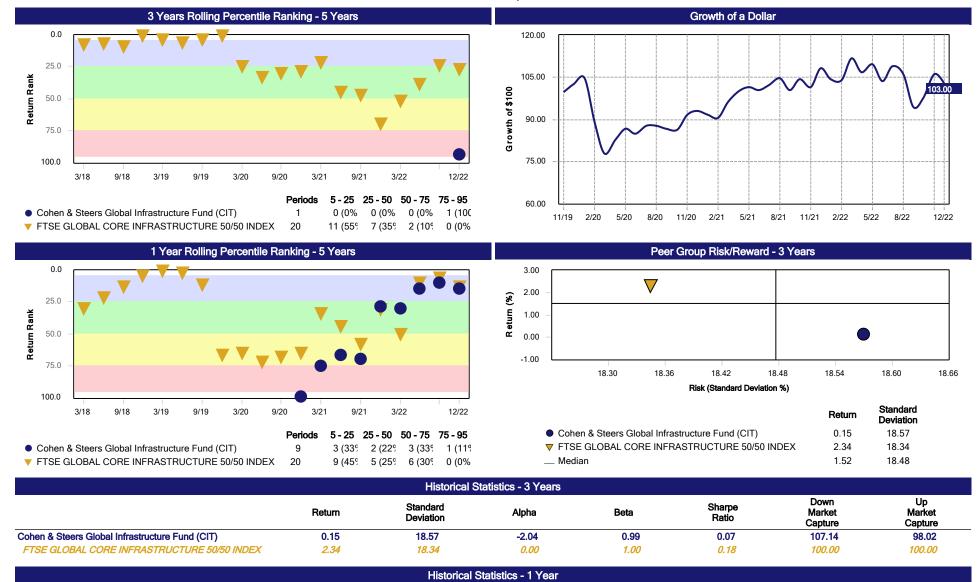
0.00

Russell 2000 Growth Index

0.65

26.20

#### Palm Bay Police & Firefighters' Pension Fund Cohen & Steers Global Infrastructure Fund (CIT) December 31, 2022



Uρ

Market

Capture

105.25

100.00

Down

Market

Capture

107.03

100.00

Sharpe

Ratio

-0.23

-0.20

Alpha

-0.59

0.00

Beta

1.01

1.00

Standard

Deviation

19.39

19.01

Return

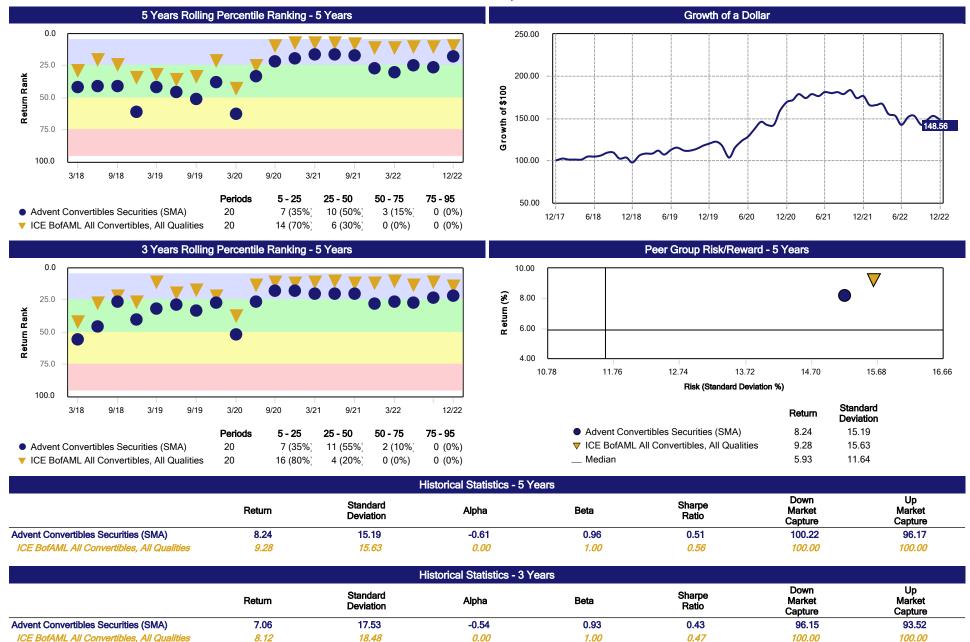
-4.81

-4.15

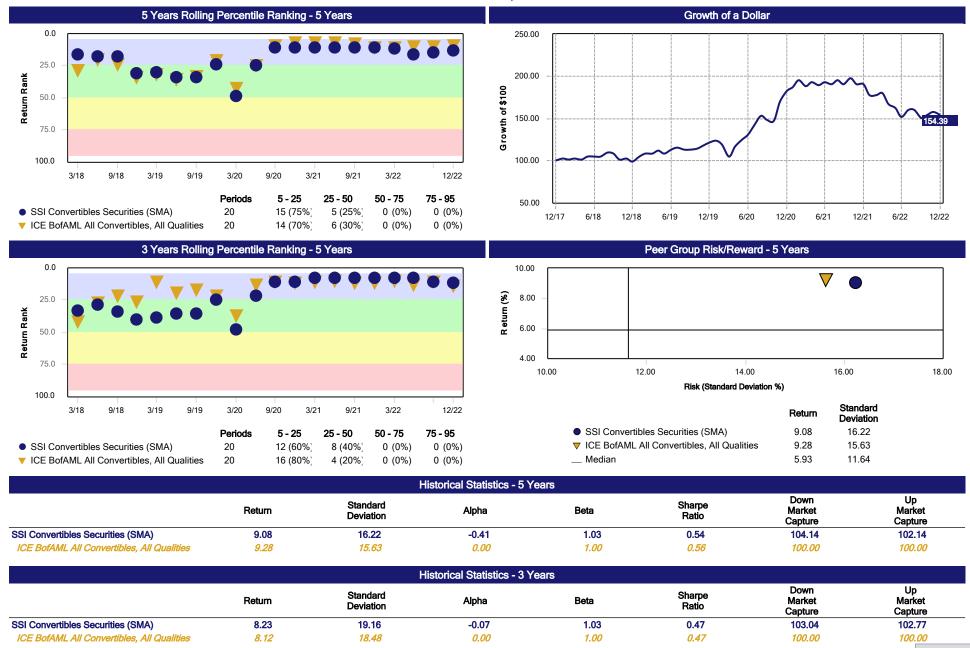
Cohen & Steers Global Infrastructure Fund (CIT)

FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX

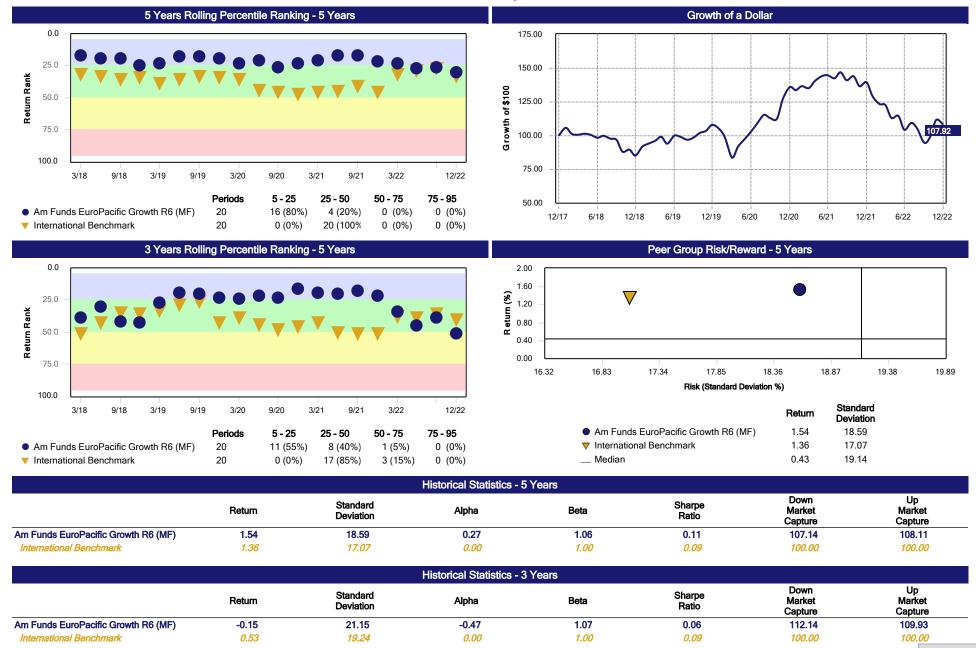
#### Palm Bay Police & Firefighters' Pension Fund Advent Convertibles Securities (SMA) December 31, 2022



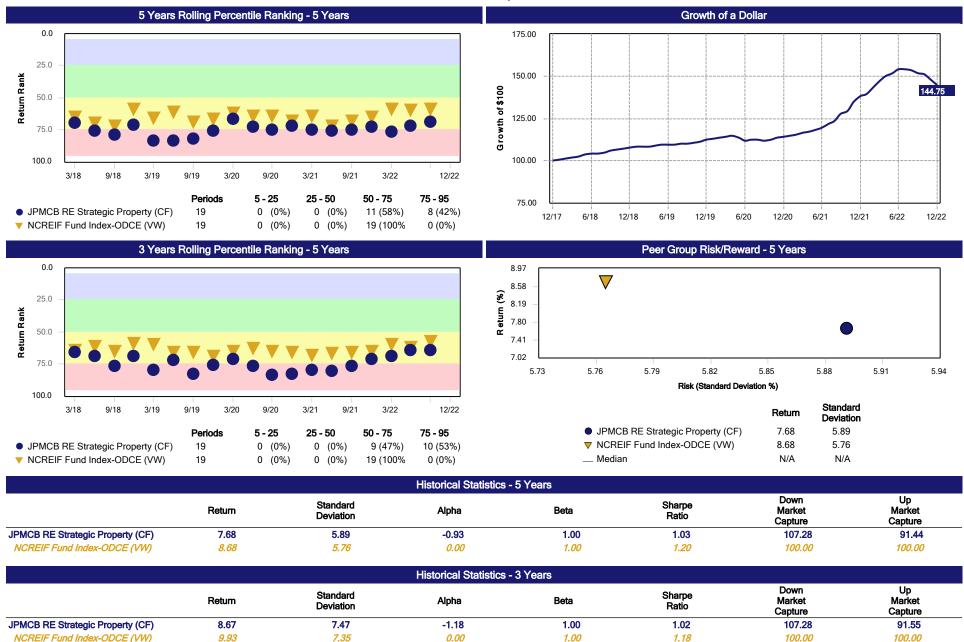
#### Palm Bay Police & Firefighters' Pension Fund SSI Convertibles Securities (SMA) December 31, 2022



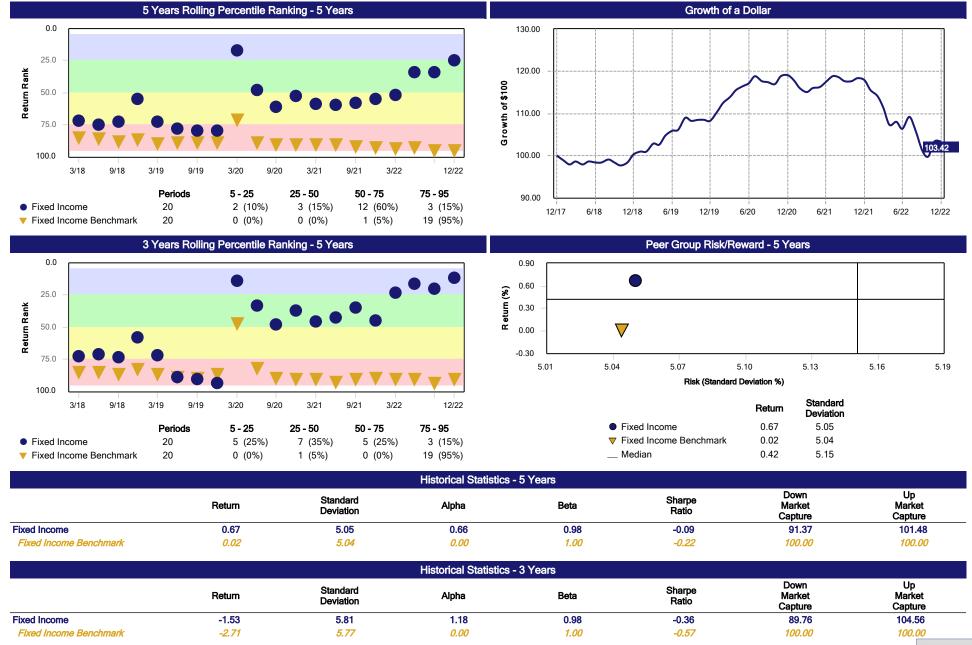
#### Palm Bay Police & Firefighters' Pension Fund Am Funds EuroPacific Growth R6 (MF) December 31, 2022



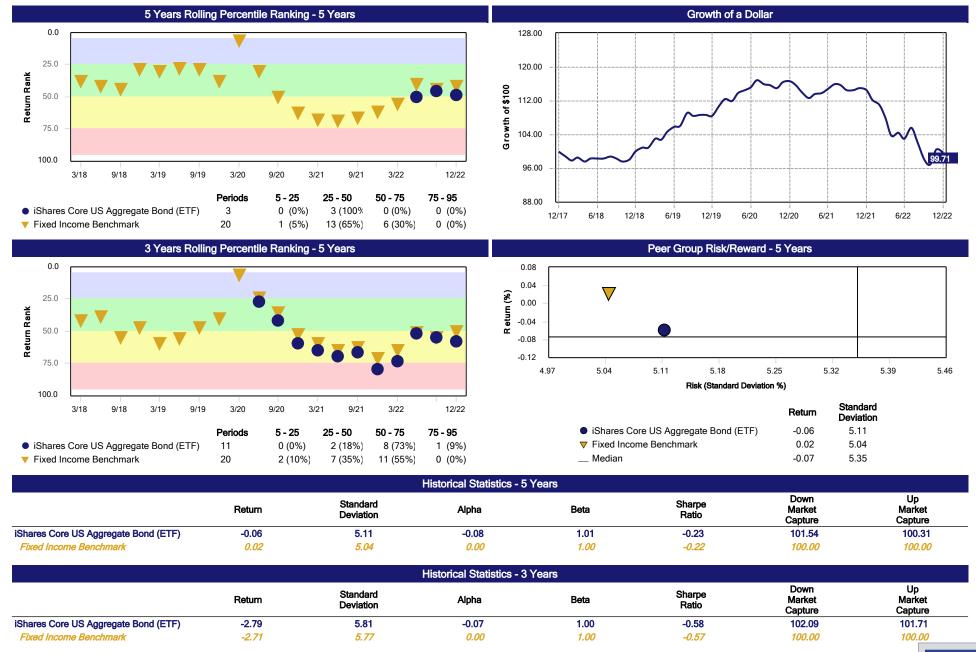
#### Palm Bay Police & Firefighters' Pension Fund JPMCB RE Strategic Property (CF) December 31, 2022



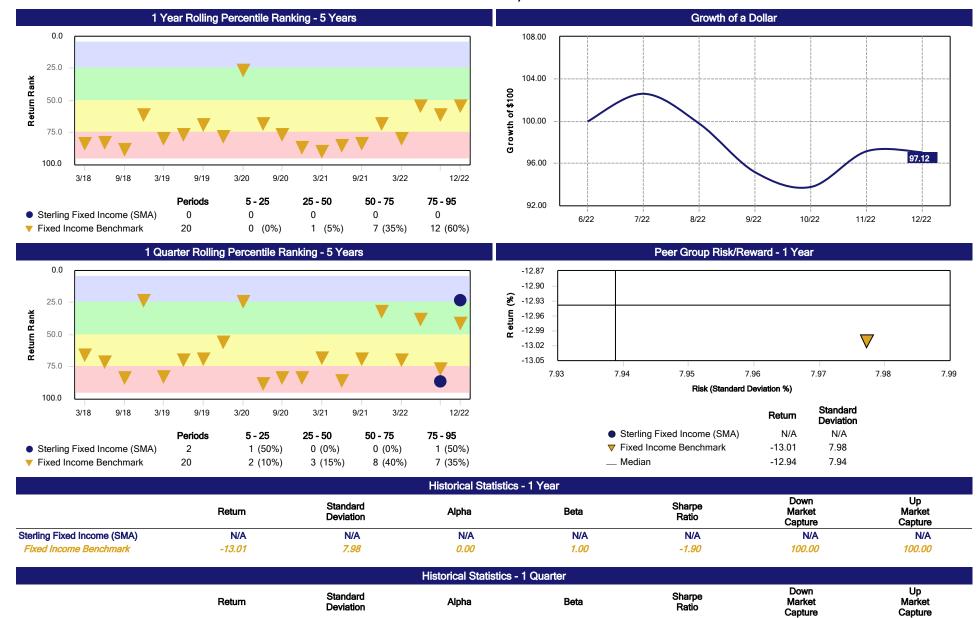
#### Palm Bay Police & Firefighters' Pension Fund Fixed Income December 31, 2022



## Palm Bay Police & Firefighters' Pension Fund iShares Core US Aggregate Bond (ETF) December 31, 2022



#### Palm Bay Police & Firefighters' Pension Fund Sterling Fixed Income (SMA) December 31, 2022



97.33

100.00

0.96

1.00

0.20

0.17

84.81

100.00

0.08

0.00

Sterling Fixed Income (SMA)

Fixed Income Benchmark

2.05

1.87

2.11

2.17

# Palm Bay Police & Firefighters' Pension Fund Total Fund Performance Review December 31, 2022

The total Fund's annualized three-year performance (gross) achieved the 7.65% actuarial assumption rate. The total Fund's annualized three-year performance achieved the Target Index. (+3.2% vs. +4.5%) The total Fund's annualized three-year performance ranked in the top 50th percentile. (Actual: 60th) The total Fund's annualized five-year performance (gross) achieved the 7.65% actuarial assumption rate. The total Fund's annualized five-year performance achieved the Target Index. (+5.4% vs. +5.7%) The total Fund's annualized five-year performance ranked in the top 50th percentile. (Actual: 53rd)	<u>Yes</u>	No
Polen large-cap growth annualized three-year performance achieved the Russell 1000 Growth.  Polen large-cap growth annualized three-year performance ranked in the top 50th percentile.  Polen large-cap growth annualized five-year performance achieved the Russell 1000 Growth.  Polen large-cap growth annualized five-year performance ranked in the top 50th percentile. (Actual: 51st)		
Allspring large-cap growth annualized three-year performance achieved the Russell 1000 Growth. Allspring large-cap growth annualized three-year performance ranked in the top 50th percentile. Allspring large-cap growth annualized five-year performance achieved the Russell 1000 Growth. Allspring large-cap growth annualized five-year performance ranked in the top 50th percentile.		
Ceredex mid-cap value annualized three-year performance achieved the Russell Mid-Cap Value. (+4.9% vs. +5.8%) Ceredex mid-cap value annualized three-year performance ranked in the top 50th percentile. Ceredex mid-cap value annualized five-year performance achieved the Russell Mid-Cap Value. Ceredex mid-cap value annualized five-year performance ranked in the top 50th percentile.		
Frontier mid-cap growth annualized three-year performance achieved the Russell Mid-Cap Growth. (+3.4% vs. +3.9%) Frontier mid-cap growth annualized three-year performance ranked in the top 50th percentile. Frontier mid-cap growth annualized five-year performance achieved the Russell Mid-Cap Growth. (+7.0% vs. +7.6%) Frontier mid-cap growth annualized five-year performance ranked in the top 50th percentile.		



#### Palm Bay Police & Firefighters' Pension Fund Total Fund Performance Review (continued) December 31, 2022

Virtus Ceredex small-cap value annualized three-year performance achieved the Russell 2000 Value. Virtus Ceredex small-cap value annualized three-year performance ranked in the top 50th percentile. Virtus Ceredex small-cap value annualized five-year performance achieved the Russell 2000 Value. Virtus Ceredex small-cap value annualized five-year performance ranked in the top 50th percentile.	Yes	No         
Eagle small-cap growth annualized three-year performance achieved the Russell 2000 Growth.  Eagle small-cap growth annualized three-year performance ranked in the top 50th percentile.  Eagle small-cap growth annualized five-year performance achieved the Russell 2000 Growth.  Eagle small-cap growth annualized five-year performance ranked in the top 50th percentile.		
Cohen & Steers annualized three-year performance achieved the FTSE Global Core Infrastructure index. Cohen & Steers annualized three-year performance ranked in the top 50th percentile.		$\boxtimes$
Advent convertible annualized three-year performance achieved the ML All US Converts. (+7.1% vs. +8.1%) Advent convertible annualized three-year performance ranked in the top 50th percentile. Advent convertible annualized five-year performance achieved the ML All US Converts. (+8.2% vs. +9.3%) Advent convertible annualized five-year performance ranked in the top 50th percentile.		
SSI convertible annualized three-year performance achieved the ML All US Converts.  SSI convertible annualized three-year performance ranked in the top 50th percentile.  SSI convertible annualized five-year performance achieved the ML All US Converts. (+9.1% vs. +9.3%)  SSI convertible annualized five-year performance ranked in the top 50th percentile.		
EuroPacific international equity annualized three-year performance achieved the MSCI EAFE. (+0.4% vs. +0.5%) EuroPacific international equity annualized three-year performance ranked in the top 50th percentile. (Actual: 51st) EuroPacific international equity annualized five-year performance achieved the MSCI EAFE. EuroPacific international equity annualized five-year performance ranked in the top 50th percentile.		
JP Morgan real estate annualized three-year performance achieved the NCREIF ODCE (+8.7% vs. +9.9%).  IP Morgan real estate annualized five-year performance achieved the NCREIF ODCE (+7.7% vs. +8.7%).		



#### Palm Bay Police & Firefighters' Pension Fund Total Fund Performance Review (continued) December 31, 2022

	<b>Yes</b>	No
Total fixed income annualized three-year performance achieved the Fixed Income Benchmark.	$\overline{\boxtimes}$	
Total fixed income annualized three-year performance ranked in the top 50th percentile.		
Total fixed income annualized five-year performance achieved the Fixed Income Benchmark.		
Total fixed income annualized five-year performance ranked in the top 50th percentile.		



#### Palm Bay Police & Firefighters' Pension Fund Glossary December 31, 2022

- -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.



#### Palm Bay Police & Firefighters' Pension Fund Glossary December 31, 2022

- -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.



## Palm Bay Police & Firefighters' Pension Fund Disclosure December 31, 2022

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. Private investments may include performance fees in addition to a management fee. For the purpose of BCA's calculations, net returns take in consideration both performance and management fees, but gross returns include management fees only.
- 17. 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.



