

Analysis of Investment Performance

## Broward Health Pension Fund - Composite Report

Period Ending March 31, 2024

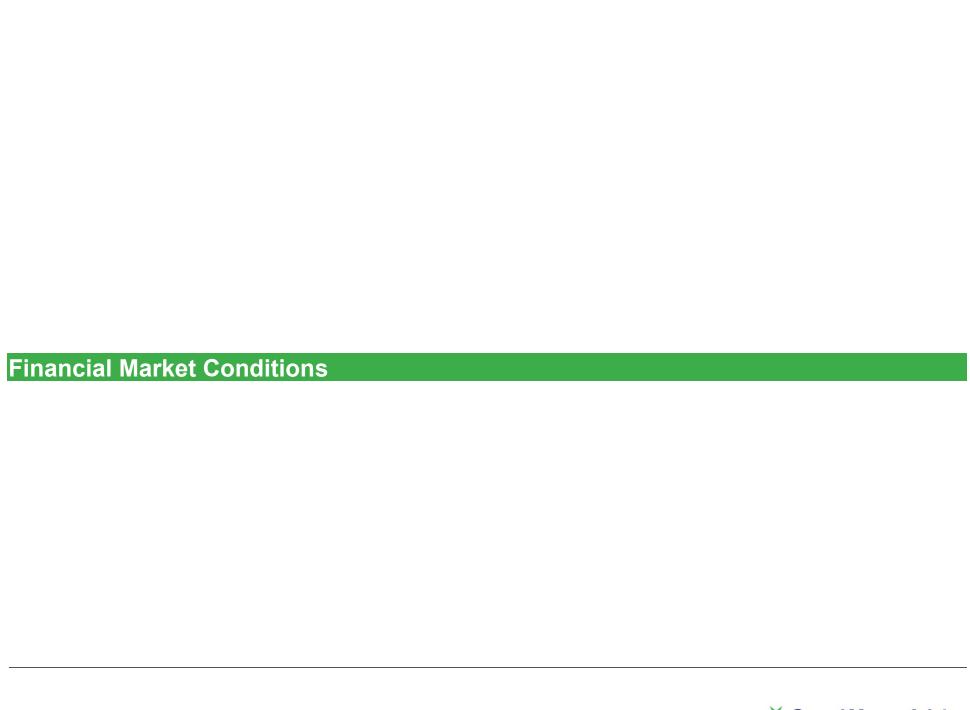
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## Table of Contents

S	ectior
Financial Market Conditions	1
Compliance Checklist	2
Total Fund	3
Investment Manager Roster	4



# Quarter in Review: Global Equity Overview

Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
S&P 500	10.56	10.56	29.88	11.49	15.05	12.96
MSCI Europe, Australasia and Far East (EAFE)*	5.78	5.78	15.32	4.78	7.33	4.80
MSCI Emerging Markets (EM)*	2.37	2.37	8.15	-5.05	2.22	2.95

All data in the table are percentages.

### **Global Equity Performance and Valuations**

- Global equity markets were positive returns in the first quarter of 2024, led by the U.S. (+10.6%) followed by International Developed (+5.8%) and Emerging Markets (+2.4%).
- U.S. large capitalization ("cap") stocks continue to trade at higher valuations as the S&P 500's [12 month] forward P/E ratio was 21.0 compared to 19.5 at the end of the fourth quarter 2023 and above its 10-year average of 17.7.
- International developed large cap stocks, per the MSCI EAFE Index, had a [12 month] forward P/E ratio of 14.4, up from 13.4 the previous quarter but still relatively close to its 10year average of 13.7.
- Emerging market equities, per the MSCI Emerging Markets Index, in the first quarter were just a tick above its 10-year average valuation (12 month forward P/E ratio of 12.3 to 12.2) while also up from the previous quarter (11.9).

#### **Price to Earnings**

− Median ○ Current



Data range is from 3/31/00-3/31/24. P/E ratios are forward 12 months.



<sup>\*</sup> Net dividends reinvested

# Quarter In Review: U.S. Equity

U.S. Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
S&P 500	10.56	10.56	29.88	11.49	15.05	12.96
Russell 1000	10.30	10.30	29.87	10.45	14.76	12.68
Russell 1000 Growth	11.41	11.41	39.00	12.50	18.52	15.98
Russell 1000 Value	8.99	8.99	20.27	8.11	10.32	9.01
Russell 2000	5.18	5.18	19.71	-0.10	8.10	7.58
Russell 2000 Growth	7.58	7.58	20.35	-2.68	7.38	7.89
Russell 2000 Value	2.90	2.90	18.75	2.22	8.17	6.87
Russell Midcap	8.60	8.60	22.35	6.07	11.10	9.95
Russell 3000	10.02	10.02	29.29	9.78	14.34	12.33

S&P 500 Sector Returns

Communication Services

Consumer Discretionary

Information Technology

**Consumer Staples** 

Energy

**Financials** 

Healthcare

Industrials

**Materials** 

Utilities

Real Estate

QTD

4.98

7.52

13.69

12.46

8.85

10.97

12.69

8.95

15.82

-0.55

4.57

#### All data in the tables are percentages.

1-Year

28.73

7.19

17.67

33.55

16.09

26.70

46.01

17.57

49.76

9.60

0.42

#### **Performance**

- The U.S. economy demonstrated continued strength, as the S&P 500 gained over 10% in the quarter ending March 31.
- To start 2024, large cap stocks (+10.3%) led the way while mid cap (+8.6%) and small cap (+5.2%) stocks also posted positive returns in the first quarter.
- Large cap growth at +11.4% continues its outperformance over large cap value at +9.0%. Similarly, growth also beat out value amongst small caps (+7.6% vs. +2.9%), a reversion from the previous quarter ending December 31, 2023.
- All sectors in the S&P 500 Index generated positive returns in the first quarter except for Real Estate (-0.6%), which has underperformed due to higher interest rates and negative valuations in many sectors. Materials, which tends to be closely linked to the economic cycle, led the index by posting +15.8% in the quarter ending March 31.

the y in

Source: FactSet



# Quarter in Review: International Equity

MSCI International Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
World ex. U.S.	5.59	5.59	15.29	4.93	7.48	4.81
EAFE	5.78	5.78	15.32	4.78	7.33	4.80
EAFE Local Currency	9.96	9.96	18.82	9.43	9.36	7.66
Europe	5.23	5.23	14.11	6.19	7.96	4.44
Europe ex U.K.	5.86	5.86	15.09	5.72	8.91	4.97
U.K.	3.10	3.10	10.86	7.70	5.14	2.89
Japan	11.01	11.01	25.78	3.69	7.77	6.69
Pacific ex Japan	-1.73	-1.73	2.39	-0.52	2.96	3.42

All data in the tables are percentages and net dividends reinvested.

#### **Performance**

- International developed markets (+5.8%) finished positive but continued to trail the U.S. (+10.6%) during the first quarter of 2024.
- Japan (+11.0%) posted the strongest returns for the quarter with increased optimism over Japan's positive economic cycle, characterized by mild inflation and wage growth.
- Signs of improving business activity in Europe and continued optimism over demand for AI related technologies boosted positive returns (+5.2%) for the quarter. UK equities were also up for the quarter (+ 3.1%) as financials, industrials, energy, and other economically sensitive areas of the market outperformed.
- Industrials (+14.3%), Communication Services (+11.1%), and Energy (+8.6%) led the International market during the quarter. Real Estate (-5.0%), Consumer Discretionary (-3.1%), and IT (-1.1%) lagged the market as the only sectors to post negative returns.

Source:	FactSat

MSCI EAFE Sector Returns	QTD	1-Year
Communication Services	11.06	15.48
Consumer Discretionary	-3.12	-5.92
Consumer Staples	2.22	14.55
Energy	8.55	25.82
Financials	4.74	8.61
Healthcare	7.85	23.06
Industrials	14.33	31.12
Information Technology	-1.09	10.23
Materials	4.06	6.60
Real Estate	-5.03	2.69
Utilities	1.49	13.05

# Quarter in Review: Emerging Market Equity

MSCI EM Equity Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
Emerging Markets	2.37	2.37	8.15	-5.05	2.22	2.95
EM Local Currency	4.49	4.49	10.61	-2.36	4.38	5.73
Asia	3.35	3.35	6.27	-6.54	2.82	4.50
EMEA	1.04	1.04	10.50	-5.05	-1.18	-1.49
Latin America	-3.96	-3.96	22.64	10.46	3.68	1.67

All data in the tables are percentages and net dividends reinvested.

#### **Performance**

- Emerging Market equities (+2.4%) lagged U.S. (+10.6%) and International Developed equities (+5.8%) during the quarter.
- China continued to see diminishing returns as ongoing tension between China and the U.S. weighed on investor sentiment. Despite China's underperformance, Asia posted positive returns with Taiwan benefitting from investor enthusiasm over AI and the tech sector.
- Latin America posted negative returns for the quarter after a year of strong positive returns in 2023 as the delay in expectations from the Federal Reserve interest rate cuts negatively impacted interest rate sensitive markets, including Brazil.
- Industrials (+9.9%), Consumer Staples (+6.9%), and Real Estate (+3.5%) were the strongest sectors in Emerging Markets while multiple sectors including Utilities (-6.0%), IT (-4.6%), Financials (-4.5%), and Consumer Discretionary (-4.3%) posted negative returns.

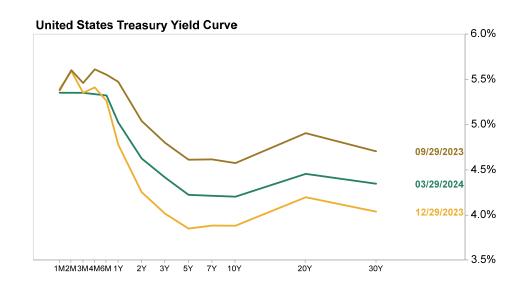
Source:	FactSet

MSCI EM Sector Returns	QTD	1-Year
Communication Services	-0.45	-5.27
Consumer Discretionary	-4.26	-2.56
Consumer Staples	6.91	35.99
Energy	2.31	15.05
Financials	-4.54	-0.93
Healthcare	1.39	4.60
Industrials	9.86	26.73
Information Technology	-4.59	-5.38
Materials	0.77	-11.51
Real Estate	3.52	17.91
Utilities	-5.96	-11.26

## Quarter In Review: Fixed Income Overview

#### **Yield Curve**

- The US Treasury Yield Curve saw a parallel shift in the intermediate to long part of the curve in Q1 2024 as yields rose while the 1- and 3-Month T-Bill yields remained mostly unchanged. The Federal Reserve appears willing to hold off on rate cuts until further positive indicators on inflation reduction progress are available.
- Short-term yields rose the least, with the 6-Month T-Bill increasing by 6 bps over the prior quarter.
- 2-, 3- and 5-year Treasury yields increased the most by 37 bps, 40 bps and 37 bps respectively, ending the quarter at 4.62%, 4.41% and 4.22%.

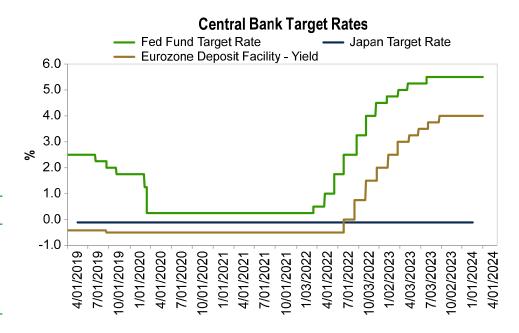


### **Monetary Policies/Global Interest Rates**

- Japan concluded its eight-year period of negative interest rates with central bank deposit rates rising to end the quarter at 0.10%. The European Central Bank's policy rate ended the quarter at 4.50% while the policy rate in the United Kingdom ended the quarter at 5.25%.
- The U.S. policy rate at 5.50% is above those of the Eurozone, the United Kingdom and Japan.

Interest Rates	Fed Funds Rate	EZ Deposit Facility Rate
Average	4.95	0.96
Max	20.00	4.00
Min	0.25	-0.50





## Quarter In Review: U.S. Fixed Income

U.S. Fixed Income Indices*	QTD	YTD	1-Year	3-Year	5-Year	10-Year
U.S. Aggregate	-0.78	-0.78	1.70	-2.46	0.36	1.54
Government/Credit	-0.72	-0.72	1.74	-2.35	0.62	1.70
Government	-0.93	-0.93	0.13	-2.68	-0.04	1.05
Investment Grade Credit	-0.40	-0.40	4.43	-1.87	1.52	2.61
Investment Grade CMBS	1.00	1.00	4.56	-1.39	1.16	2.07
U.S. Corporate High Yield	1.47	1.47	11.15	2.19	4.21	4.44
FTSE** 3-Month T-Bill	1.37	1.37	5.52	2.70	2.07	1.39
Hueler Stable Value	0.55	1.87	1.87	1.96	2.13	1.97

<sup>\*</sup> Bloomberg Indices, unless otherwise noted.

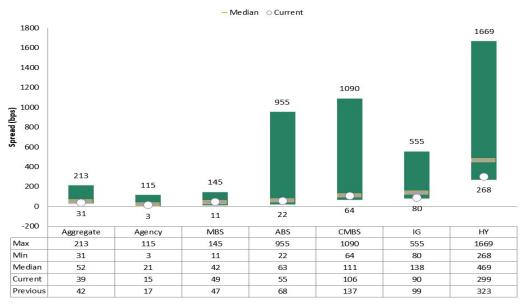
All data in the table are percentages.

### **Performance and Spreads**

- The U.S. Aggregate Index was negative during the first quarter. With the exception of CMBS, all U.S. Aggregate Index sectors generated negative returns for the quarter.
- U.S. Corporate High Yield had the strongest performance at +1.47% for the quarter. The government sector experienced the weakest performance in the quarter ended March 31 (-0.93%).
- For the quarter, MBS spreads slightly widened while the spreads on the US Aggregate Index, Agency, ABS, CMBS, IG Credit and High Yield narrowed. The largest change was in the High Yield sector with spreads narrowing by 24 basis points.

Source: FactSet

#### **Fixed Income Spreads**



Data range is from 9/30/00-3/31/24



<sup>\*\*</sup> Formerly Citigroup. Citigroup's fixed income indices were purchased by London Stock Exchange Group (LSEG) and were rebranded to FTSE by July 31, 2018. FTSE Russell is a unit of LSEG's Information Services Division and a wholly owned subsidiary of LSEG.

## Quarter In Review: International Fixed Income

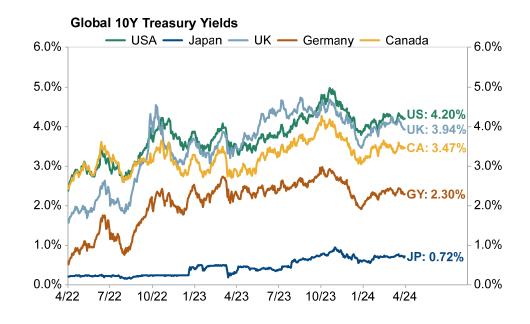
Global Fixed Income Indices	QTD	YTD	1-Year	3-Year	5-Year	10-Year
Bloomberg Global Aggregate	-2.08	-2.08	0.49	-4.73	-1.17	-0.07
Bloomberg Global Aggregate (Hgd)	0.01	0.01	4.14	-1.29	0.80	2.21
FTSE Non-U.S. WGBI*	-3.42	-3.42	-1.46	-8.39	-3.73	-1.91
FTSE Non-U.S. WGBI (Hgd)	0.20	0.20	4.66	-2.01	0.15	2.30
JPM EMBI Global Diversified**	2.04	2.04	11.28	-1.40	0.71	3.05
JPM GBI-EM Global Diversified***	-2.12	-2.12	4.91	-1.60	0.13	-0.32

All data in the table are percentages.

#### **Global Performance and Yields**

- Yields declined in most developed markets during the quarter. Both the ECB and the Bank of England kept policy rates unchanged during the first quarter in an effort to move inflation closer to its 2% target.
- Global central banks kept interest rates at record highs due to fears of inflation resurgence.
- The U.S. dollar appreciated relative to the yen, British pound and Euro.
- Global returns were negative for the quarter ended March 31, with Non-U.S. sovereign bonds exhibiting the weakest performance.

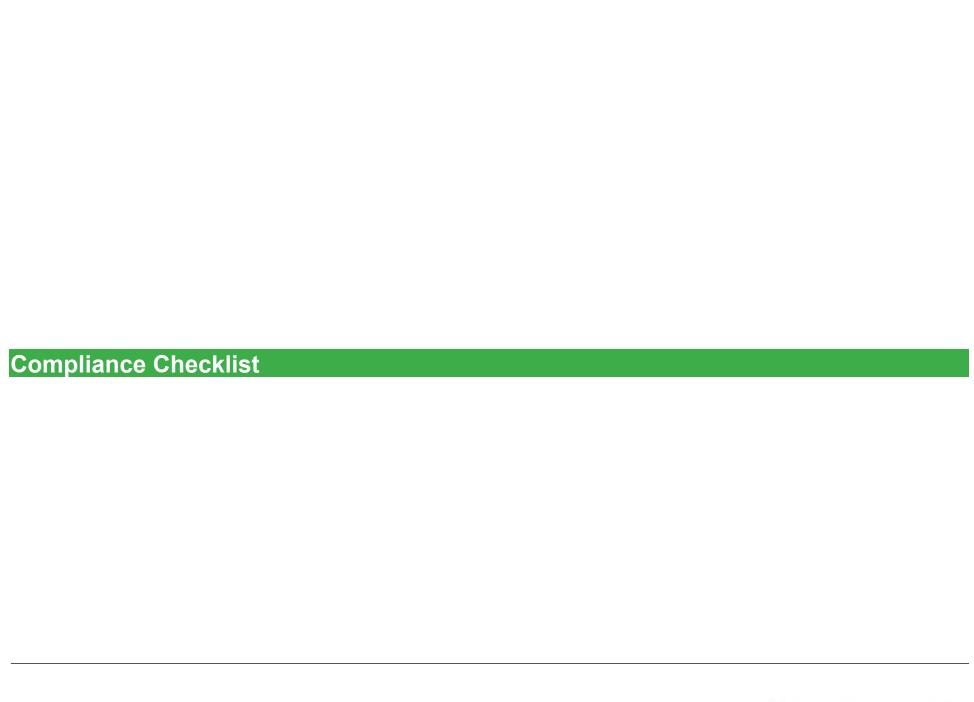




<sup>\*</sup> Formerly Citigroup. The FTSE Non-U.S. World Government Bond Index (WGBI) measures the performance of fixed-rate, local currency, investment grade sovereign bonds excluding the U.S.

<sup>\*\*</sup> The JP Morgan Emerging Market Bond Index (EMBI) Global Diversified index measures government bonds in hard currencies.

<sup>\*\*\*</sup> The JP Morgan Government Bond Index – Emerging Markets (GBI-EM) Global Diversified index measures government bonds in local currencies.



Compliance Checklist										Δς	of March	31 2024
Compliance Checklist	Alloca	ation				Perforr	nance Net of I	Fees (%)		Λ3	Of March	01, 2024
		Within Asset								_		Net Investment Change Since
	Market Value	Allocation Guidelines	1	Year To	1	3	5 Va	7 Vac-10	10 Vanna	Since	Inception	Inception
Total Fund Composite	(\$000) \$414,557	Guidelines	Quarter 2.8	Date 2.8	Year 8.5	Years 4.7	Years 7.8	Years 8.1	Years 7.4	Inception 10.3	Date 03/01/2009	(\$000)
TF Policy Index	* * * * * * * * * * * * * * * * * * * *		3.5	3.5	10.4	4.1	7.5	7.5	7.3	10.4		
Total Fund Universe Ranking (All HealthCare)			61	61	70	22	22	11	3	5		
Large Cap US Equity	\$64,356	<b>√</b>										
SSGA S&P 500 ex Tobacco	\$64,356		10.6	10.6	30.0	11.5	15.0	14.1	N/A	12.9	06/01/2015	\$39,532
S&P 500 Tobacco Free Index			10.6	10.6	30.1	11.5	15.1	14.2	13.0	13.0		
Small/Mid Cap US Equity	\$22,706	<b>√</b>										
Westfield Capital Management Company	\$11,853		12.1	12.1	20.8	3.9	12.6	12.5	10.0	10.6	04/01/2006	\$55,993
Russell 2500 Growth Index			8.5	8.5	21.1	-0.8	9.4	10.6	9.6	9.1		
Earnest Partners Small/Mid Cap Value	\$10,853		7.5	7.5	21.5	N/A	N/A	N/A	N/A	11.1	12/01/2022	\$1,553
Russell 2500 Value Index			6.1	6.1	21.3	5.4	9.4	7.7	7.7	11.6		
International Equity	\$40,385	$\checkmark$										
Wellington International	\$40,385		5.6	5.6	12.0	0.9	6.5	5.6	4.6	6.2	11/01/2011	\$19,066
MSCI AC World ex USA (Net)			4.7	4.7	13.3	1.9	6.0	5.9	4.3	5.4		
<b>Emerging Markets Equity</b>	\$11,796	$\checkmark$										
Brandes Investment Partners	\$6,591		5.3	5.3	20.6	4.3	4.3	N/A	N/A	4.5	10/01/2018	\$1,687
MSCI EM (net)			2.4	2.4	8.2	-5.1	2.2	3.7	2.9	2.3		
MSCI EM Value (net) JP Morgan Investment Mgmt	\$5,205		1.3 1.6	1.3 1.6	11.4 1.8	-0.9 -7.5	2.1 N/A	3.1 N/A	2.2 N/A	2.0 2.5	07/01/2019	\$1,508
MSCI EM (net)	ψ5,205		2.4	2.4	8.2	-7.3 -5.1	2.2	3.7	2.9	2.2	01/01/2019	φ1,500
			2	2. /	0.2	0.7		0.1	2.0	2.2		
Core Fixed Income	\$64,885	$\checkmark$	0.0	2.0	0.7	0.0	0.7	4.4	4.0	0.0	0.4.10.4.10.000	400 700
Baird Advisors	\$64,885		-0.6	-0.6	2.7 1.7	-2.2	0.7	1.4	1.9	3.2	01/01/2008	\$23,733
Blmbg. U.S. Aggregate			-0.8	-0.8	1.7	-2.5	0.4	1.1	1.5	2.7		
TIPS	\$11,142	$\checkmark$										
SSgA TIPS Index	\$11,142		-0.0	-0.0	0.3	N/A	N/A	N/A	N/A	-1.6	06/01/2022	-\$349
Blmbg. U.S. TIPS			-0.1	-0.1	0.5	-0.5	2.5	2.3	2.2	-1.5		
Global Unconstrained Fixed Income	\$28,924	$\checkmark$										
Blackrock Strategic Income	\$16,766		0.9	0.9	6.7	1.0	3.1	N/A	N/A	3.2	10/01/2018	\$2,766
Blmbg. U.S. Universal Index	<b>#40.450</b>		-0.5	-0.5	2.7	-2.1	0.7	1.3	1.8	1.4	44/04/0040	<b>60.404</b>
Loomis, Sayles ICE BofAML 3 Month U.S. T-Bill	\$12,158		1.3 1.3	1.3 1.3	7.9 5.2	0.9 2.6	3.1 2.0	N/A 1.9	N/A 1.4	3.1 2.0	11/01/2018	\$2,484
ICE BOIAINL 3 MONTH U.S. T-BIII ICE BofAML 3 Month U.S. T-BIII +3%			2.0	2.0	5.2 8.4	2.0 5.7	5.1	7.9 5.0	1.4 4.4	2.0		
TOE BOTAINE O MICHELL O.O. 1-DIII 10/0			2.0	2.0	0.7	0.1	U. I	0.0	7.7			

Compliance Checklist										As	of March	31, 202 <sub>4</sub>
	Alloc					Perforn	nance Net of I	Fees (%)				Net Investment
		Within Asset								_		Change Since
	Market Value (\$000)	Allocation Guidelines	1 Quarter	Year To Date	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date	Inception (\$000)
MACS	\$12,211	<b>√</b>										
Vanguard STAR Inv	\$6,186		4.6	4.6	14.9	2.5	N/A	N/A	N/A	5.6	09/01/2020	\$1,318
Vanguard STAR Composite Index			5.0	5.0	15.9	4.4	8.3	8.0	7.2	6.6		
Vanguard Global Wellington Fund Adm	\$6,025		4.1	4.1	13.8	5.8	N/A	N/A	N/A	8.4	09/01/2020	\$1,657
Vanguard Global Wellington Composite Index			5.6	5.6	17.9	5.1	8.5	N/A	N/A	7.1		
Hedge Funds	\$19,184	<b>√</b>										
Blackstone	\$19,184		4.2	4.2	10.0	6.1	6.1	5.6	5.2	4.9	04/01/2008	\$9,280
HFRI FOF: Conservative Index			2.5	2.5	7.1	4.0	5.0	4.3	3.5	2.5		
Real Estate	\$55,028	<b>√</b>										
Invesco Real Estate (WATCH LIST)	\$29,503		-3.6	-3.6	-12.4	2.0	1.9	3.4	5.7	4.0	01/01/2008	\$22,316
NCREIF ODCE Equal Weighted (Net)			-2.6	-2.6	-12.0	2.6	2.9	4.0	6.1	3.9		
IRR Performance												
Brookfield Strategic Real Estate III	\$18,199		1.4	1.4	6.3	11.0	10.4	N/A	N/A	10.4	04/01/2019	\$6,335
Dune Real Estate Fund IV	\$7,326		1.8	1.8	0.2	14.8	N/A	N/A	N/A	4.3	08/01/2019	\$721
nfrastructure	\$27,154	✓										
FM Global Infrastructure L.P.	\$10,460		-1.1	-1.1	4.5	10.5	N/A	N/A	N/A	9.6	11/01/2019	\$6,169
FTSE Global Core Infrastructure 50/50 (Net)			1.6	1.6	3.2	2.9	3.8	5.3	5.6	2.6		
IRR Performance												
MIRA Infrastructure Global Solution II, L.P.	\$16,694		0.0	0.0	7.6	7.4	8.8	N/A	N/A	8.5	02/01/2019	\$4,306
Other	\$56,787											
Entrust Capital, Inc.	\$33											
Pension Cash	\$2,101											
Private Equity Composite	\$54,644											
Delivata Favilla Caala	Φ0											

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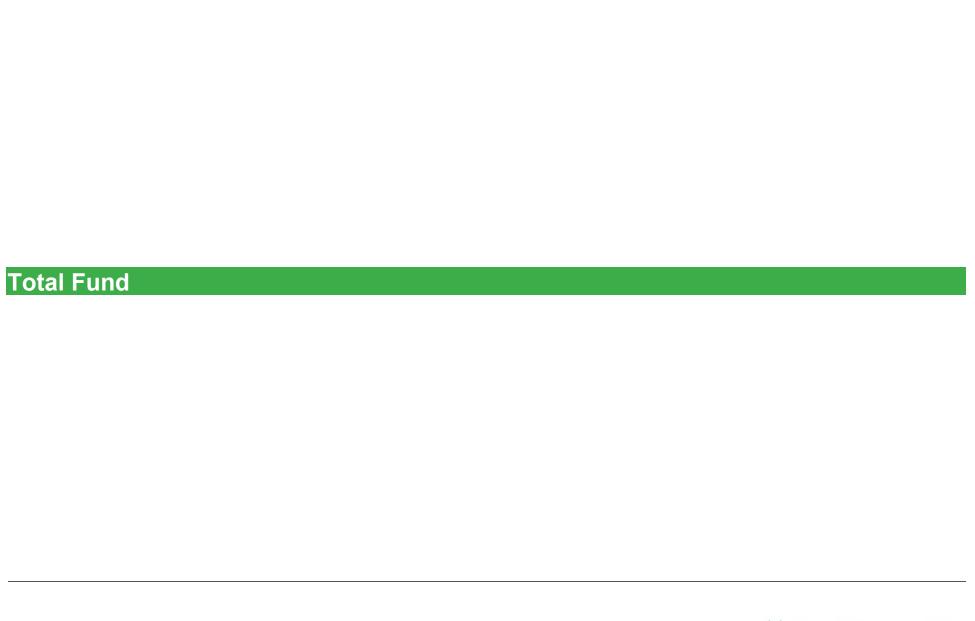
Private Equity Cash

BLACK - if no 3 year indicator

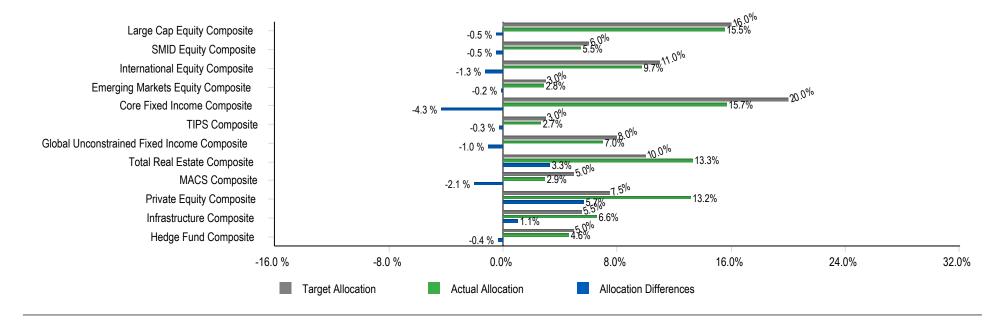
GREEN - manager outperformed or tracked performance for the 3, 5 and 10 year periods GOLD - manager underperformed one or two periods during the 3, 5 and 10 year periods

\$9

RED - manager underperformed during the 3, 5 and 10 year periods



Allocation vs. Targets											
	Market Value (\$)	% of Portfolio	Policy (%)	Differences (%)	Minimum Allocation (%)	Maximum Allocation (%)					
Total Fund Composite	414,557,106	100.0	100.0	0.0							
Large Cap Equity Composite	64,355,760	15.5	16.0	-0.5	11.0	21.0					
SMID Equity Composite	22,705,548	5.5	6.0	-0.5	3.0	9.0					
International Equity Composite	40,384,882	9.7	11.0	-1.3	6.0	16.0					
Emerging Markets Equity Composite	11,796,000	2.8	3.0	-0.2	0.0	6.0					
Core Fixed Income Composite	64,885,094	15.7	20.0	-4.3	15.0	25.0					
TIPS Composite	11,142,204	2.7	3.0	-0.3	0.0	6.0					
Global Unconstrained Fixed Income Composite	28,923,992	7.0	8.0	-1.0	5.0	11.0					
Total Real Estate Composite	55,028,474	13.3	10.0	3.3	5.0	15.0					
MACS Composite	12,210,673	2.9	5.0	-2.1	2.0	8.0					
Private Equity Composite	54,644,381	13.2	7.5	5.7	5.0	15.0					
Infrastructure Composite	27,153,682	6.6	5.5	1.1	2.0	8.0					
Hedge Fund Composite	19,216,802	4.6	5.0	-0.4	2.0	8.0					



## Broward Health Pension Fund Asset Allocation Comparison as of March 31, 2024

**CURRENT MANAGERS & ALLOCATIONS** 

TARGET ALLOCATIONS	TA	RG	ET /	ALI	OC	ATIC	INS
--------------------	----	----	------	-----	----	------	-----

THROET REBOCKTIONS			CORREST MINITIONS & RELOCKTIONS						DITT.	TELE (GES
<u>EQUITIES</u>							4.5.5007	# C 4 2 5 5 7 C 2		
			SSgA S&P 500 ex Tobacco (Large Cap Core)			-	15.52%	\$64,355,760		
Large Cap Equity	16.00%	\$66,329,137	Large Cap Equity				15.52%	\$64,355,760	-0.48%	11-21%
			Westfield (SMID Growth)				2.86%	\$11,852,573		
			Earnest Partners (Small/Mid Value)				2.62%	\$10,852,975		
Small/Mid Cap Equity	6.00%	\$24,873,426	Small/Mid Cap Equity			•	5.48%	\$22,705,548	-0.52%	3-9%
			Wellington				9.74%	\$40,384,882		
International	11.00%	\$45,601,282	International			•	9.74%	\$40,384,882	-1.26%	6-16%
			Brandes				1.59%	\$6,590,508		
			JP Morgan			_	1.26%	\$5,205,492		
Emerging Markets Equity	3.00%	\$12,436,713					2.85%	\$11,796,000	-0.15%	0-6%
Equities Total	36.00%	\$149,240,558	Equities Total				33.59%	\$139,242,190	-2.41%	
FIXED INCOME										
TAED INCOME			Baird Advisors				15.65%	\$64,885,094		
Core Fixed Income	20.00%	\$82,911,421	Core Fixed Income			-	15.65%	\$64,885,094	-4.35%	15-25%
			SSgA TIPS Index				2.69%	\$11,142,204		
TIPS	3.00%	\$12,436,713	TIPS			•	2.69%	\$11,142,204	-0.31%	0-6%
			BlackRock				4.04%	\$16,765,919		
			Loomis			-	2.93%	\$12,158,073		
Global Unconstrained Fixed Income	8.00%	\$33,164,568					6.98%	\$28,923,993	-1.02%	5-11%
Fixed Income Total	31.00%	\$128,512,703	Fixed Income Total				25.32%	\$104,951,290	-5.68%	
REAL ESTATE				Commitment	Contributions	Distributions				
			Invesco Core Real Estate USA	N/A	N/A	N/A	7.12%	\$29,502,970		
			Brookfield Strategic RE Partners III	\$16,000,000	\$16,355,738	\$3,744,501	4.39%	\$18,199,472		
			Dune RE Fund IV LP	\$8,000,000	\$6,940,328	\$335,783	1.77%	\$7,326,032		
Real Estate Total	10.00%	\$41,455,711	Real Estate Total				13.27%	\$55,028,474	3.27%	5-15%

DIFF.

RANGES

TARGET ALLOCATIONS			CURRENT MANAGERS & ALLOCATIONS						DIFF.	RANGES
ALTERNATIVES				Commitment	Contributions	Distributions				
			Lexington Capital Partners VII	\$2,500,000	\$2,244,962	\$3,421,233	0.06%	\$236,313		
			Trivest Fund V	\$3,000,000	\$3,140,462	\$6,983,897	0.52%	\$2,149,356		
			Levine Leichtman V	\$1,250,000	\$1,974,592	\$3,580,457	0.01%	\$39,314		
			Z Capital Special Situations Fund II, L.P.	\$2,500,000	\$4,238,323	\$2,811,064	0.78%	\$3,235,428		
			Sentinel V	\$1,250,000	\$1,325,791	\$2,457,221	0.06%	\$251,333		
			Wave Equity Fund, L.P.	\$2,000,000	\$1,892,877	\$0	0.83%	\$3,448,268		
			Wave Equity Fund II, L.P.	\$5,000,000	\$5,000,000	\$0	1.55%	\$6,410,003		
			Snow Phipps III	\$4,000,000	\$4,295,067	\$5,093,953	0.65%	\$2,696,151		
			LCM Healthcare Fund I	\$4,000,000	\$3,498,667	\$500,924	1.51%	\$6,278,532		
			W Capital Partners IV	\$4,000,000	\$3,508,195	\$5,603,712	0.40%	\$1,675,062		
			FS Equity Partners VIII	\$4,000,000	\$3,450,323	\$178,476	1.25%	\$5,185,797		
			Arlington Capital Partners V, L.P.	\$2,500,000	\$2,429,934	\$774,502	0.81%	\$3,355,082		
			Trivest Discovery Fund, L.P.	\$650,000	\$503,028	\$9,180	0.18%	\$742,376		
			HGGC Fund IV-A, L.P.	\$3,400,000	\$3,908,574	\$1,721,763	0.69%	\$2,852,624		
			Kohlberg Investors IX, L.P.	\$5,000,000	\$4,435,396	\$147,054	1.48%	\$6,146,066		
			Lindsay Goldberg V	\$5,000,000	\$3,656,791	\$688,523	1.01%	\$4,178,424		
			Tenex Capital Partners III	\$5,000,000	\$4,296,067	\$1,349,174	1.22%	\$5,041,630		
			Trivest Growth Fund II	\$1,000,000	\$641,513	\$3,597	0.17%	\$722,622		
Private Equity Total	7.50%	\$31,091,783	Private Equity Total*			_	13.18%	\$54,644,381	5.68%	5-15%
			Blackstone				4.63%	\$19,183,695		
			Entrust			_	0.01%	\$33,107		
Hedge Fund of Funds	5.00%	\$20,727,855	Hedge Fund of Funds			_	4.64%	\$19,216,802	-0.36%	2-8%
			Vanguard STAR				1.49%	\$6,185,519		
			Vanguard Global Wellington Fund			_	1.45%	\$6,025,154		
MACS	5.00%	\$20,727,855	MACS				2.95%	\$12,210,673	-2.05%	2-8%
				Commitment	Contributions	Distributions				
			IFM Global Infrastructure (US), LP	N/A	N/A	N/A	2.52%	\$10,460,073		
			Macquarie-MIRA Infrastructure Global Solution II, L.P.*	\$15,000,000	\$13,884,807	\$1,511,427	4.03%	\$16,693,609		
Infrastructure	5.50%	\$22,800,641	Infrastructure				6.55%	\$27,153,682	1.05%	2-8%
Alternatives Total	23.00%	\$95,348,134	Alternatives Total				27.31%	\$113,225,538	4.31%	
CASH										
			Cash Account				0.51%	\$2,100,575		
			Private Equity Cash				0.00%	\$9,040		
			Transition Account				0.00%	\$0		_
Cash Total	0.00%	\$0	Cash Total				0.51%	\$2,109,615		4

<sup>\*</sup>Represents most recent available NAV adjusted for capital calls/distribution through 3/31/24.

\$414,557,106 TOTAL

100%

\$414,557,106

## Total Fund Allocation and Performance

As of March 31, 2024

	Performance (%)										
	1 Quarter	Year To Date	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date		
Total Fund Composite	2.9	2.9	8.9	5.1	8.3	8.7	8.0	8.2	04/01/1993		
TF Policy Index	3.5	3.5	10.4	4.1	7.5	7.5	7.3	7.6			
Domestic Equity Composite	10.5	10.5	27.9	6.9	12.8	12.9	11.3	10.4	04/01/1993		
Russell 3000 Index	10.0	10.0	29.3	9.8	14.3	13.4	12.3	10.3			
International Equity Composite	5.7	5.7	12.6	1.9	8.2	7.3	5.4	8.4	07/01/2002		
MSCI AC World ex USA (Net)	4.7	4.7	13.3	1.9	6.0	5.9	4.3	6.4			
Emerging Markets Equity Composite	3.8	3.8	12.2	-1.0	4.6	N/A	N/A	4.9	10/01/2018		
MSCI EM (net)	2.4	2.4	8.2	-5.1	2.2	3.7	2.9	2.3			
Fixed Income Composite	-0.4	-0.4	2.5	-3.4	0.1	0.9	1.7	4.4	04/01/1993		
Blmbg. U.S. Aggregate	-0.8	-0.8	1.7	-2.5	0.4	1.1	1.5	4.4			
Global Unconstrained Fixed Income Composite	1.1	1.1	7.4	1.2	3.3	N/A	N/A	3.3	10/01/2018		
Global Fixed Income Index - MB	0.4	0.4	4.0	1.6	3.0	N/A	N/A	3.5			
MACS Composite	4.4	4.4	14.3	4.1	2.6	N/A	N/A	2.5	10/01/2018		
MACS Policy Index	3.9	3.9	13.4	2.0	6.1	N/A	N/A	5.6			
Core Real Estate Composite	-3.4	-3.4	-11.6	3.0	2.8	4.3	6.7	4.8	01/01/2008		
NCREIF ODCE Equal Weighted	-2.4	-2.4	-11.3	3.4	3.7	4.9	7.0	4.7			
Infrastructure Composite	-0.4	-0.4	6.4	9.4	8.4	N/A	N/A	5.2	02/01/2019		
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX (Net)	1.6	1.6	3.2	2.9	3.8	5.3	5.6	4.6			
Hedge Fund Composite	4.2	4.2	10.0	5.1	5.3	4.6	3.5	4.7	09/01/2009		
HFRI FOF: Conservative Index	2.5	2.5	7.1	4.0	5.0	4.3	3.5	3.6			
90-Day T-Bill + 5%	2.5	2.5	10.5	7.7	7.1	7.0	6.4	6.0			

Gross of Fees.

## Comparative Performance As of March 31, 2024

	Performance (%)											
	1 Quarter	Year To Date	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date			
Domestic Equity Composite	10.5	10.5	27.9	6.9	12.8	12.9	11.3	10.4	04/01/1993			
Russell 3000 Index	10.0	10.0	29.3	9.8	14.3	13.4	12.3	10.3				
Large Cap Equity Composite	10.6	10.6	29.9	9.5	13.6	13.7	11.9	9.6	01/01/2007			
S&P 500	10.6	10.6	29.9	11.5	15.0	14.1	13.0	10.1				
SSGA S&P 500 ex Tobacco	10.6	10.6	30.0	11.5	15.1	14.2	N/A	13.0	06/01/2015			
S&P 500 Tobacco Free Index	10.6	10.6	30.1	11.5	15.1	14.2	13.0	13.0				
SMID Equity Composite	10.1	10.1	22.0	1.0	10.5	10.8	9.7	10.5	01/01/2007			
Russell 2500 Index	6.9	6.9	21.4	3.0	9.9	9.4	8.8	8.5				
Westfield Capital Management Company	12.3	12.3	22.0	4.9	13.8	13.6	11.0	12.1	01/01/2005			
Russell 2500 Growth Index	8.5	8.5	21.1	-0.8	9.4	10.6	9.6	9.5				
Earnest Partners SMID Cap Value	7.7	7.7	22.2	N/A	N/A	N/A	N/A	11.8	12/01/2022			
Russell 2500 Value Index	6.1	6.1	21.3	5.4	9.4	7.7	7.7	11.6				
International Equity Composite	5.7	5.7	12.6	1.9	8.2	7.3	5.4	8.4	07/01/2002			
MSCI AC World ex USA (Net)	4.7	4.7	13.3	1.9	6.0	5.9	4.3	6.4				
Wellington International	5.7	5.7	12.6	1.5	7.2	6.3	5.3	6.9	11/01/2011			
MSCI AC World ex USA (Net)	4.7	4.7	13.3	1.9	6.0	5.9	4.3	5.4				

## Comparative Performance As of March 31, 2024

	Performance (%)											
	_ 1	Year To	1	3	5	7	10	Since	Inception			
	Quarter	Date	Year	Years	Years	Years	Years	Inception	Date			
Emerging Markets Equity Composite	3.8	3.8	12.2	-1.0	4.6	N/A	N/A	4.9	10/01/2018			
MSCI EM (net)	2.4	2.4	8.2	-5.1	2.2	3.7	2.9	2.3				
Brandes Investment Partners	5.5	5.5	21.6	5.2	5.1	N/A	N/A	5.3	10/01/2018			
MSCI EM (net)	2.4	2.4	8.2	-5.1	2.2	3.7	2.9	2.3				
MSCI Emerging Markets Value (Net)	1.3	1.3	11.4	-0.9	2.1	3.1	2.2	2.0				
JP Morgan Investment Mgmt	1.8	1.8	2.8	-6.7	N/A	N/A	N/A	3.2	07/01/2019			
MSCI EM (net)	2.4	2.4	8.2	-5.1	2.2	3.7	2.9	2.2				
Fixed Income Composite	-0.4	-0.4	2.5	-3.4	0.1	0.9	1.7	4.4	04/01/1993			
Blmbg. U.S. Aggregate	-0.8	-0.8	1.7	-2.5	0.4	1.1	1.5	4.4				
Baird Advisors	-0.5	-0.5	2.9	-2.0	1.0	1.6	2.1	3.4	01/01/2008			
Blmbg. U.S. Aggregate	-0.8	-0.8	1.7	-2.5	0.4	1.1	1.5	2.7				
SSGA TIPS Index	0.0	0.0	0.4	N/A	N/A	N/A	N/A	-1.5	06/01/2022			
Blmbg. U.S. TIPS	-0.1	-0.1	0.5	-0.5	2.5	2.3	2.2	-1.5				
Global Unconstrained Fixed Income Composite	1.1	1.1	7.4	1.2	3.3	N/A	N/A	3.3	10/01/2018			
Global Fixed Income Index - MB	0.4	0.4	4.0	1.6	3.0	N/A	N/A	3.5				
Blackrock Strategic Income*	0.9	0.9	6.7	1.0	3.1	N/A	N/A	3.2	10/01/2018			
Blmbg. U.S. Universal Index	-0.5	-0.5	2.7	-2.1	0.7	1.3	1.8	1.4				
Loomis, Sayles	1.4	1.4	8.4	1.4	3.6	N/A	N/A	3.5	11/01/2018			
ICE BofAML 3 Month U.S. T-Bill	1.3	1.3	5.2	2.6	2.0	1.9	1.4	2.0				
ICE BofAML 3 Month US T-Bill + 3%	2.0	2.0	8.4	5.7	5.1	5.0	4.4	5.1				

Gross of Fees unless stated otherwise.

<sup>\*</sup> Reported Net of Fees.

## Comparative Performance As of March 31, 2024

	Performance (%)										
	1 Quarter	Year To Date	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception	Inception Date		
MACS Composite	4.4	4.4	14.3	4.1	2.6	N/A	N/A	2.5	10/01/2018		
MACS Policy Index	3.9	3.9	13.4	2.0	6.1	N/A	N/A	5.6			
Vanguard STAR Inv*	4.6	4.6	14.9	2.5	N/A	N/A	N/A	5.6	09/01/2020		
Vanguard STAR Composite Index	5.0	5.0	15.9	4.4	8.3	8.0	7.2	6.6			
Vanguard Global Wellington Fund Adm*	4.1	4.1	13.8	5.8	N/A	N/A	N/A	8.4	09/01/2020		
Vanguard Global Wellington Composite Index	5.6	5.6	17.9	5.1	8.5	N/A	N/A	7.1			
Core Real Estate Composite	-3.4	-3.4	-11.6	3.0	2.8	4.3	6.7	4.8	01/01/2008		
NCREIF ODCE Equal Weighted	-2.4	-2.4	-11.3	3.4	3.7	4.9	7.0	4.7			
Invesco Real Estate	-3.4	-3.4	-11.6	3.0	2.8	4.3	6.7	4.8	01/01/2008		
NCREIF ODCE Equal Weighted	-2.4	-2.4	-11.3	3.4	3.7	4.9	7.0	4.7			
Infrastructure Composite	-0.4	-0.4	6.4	9.4	8.4	N/A	N/A	5.2	02/01/2019		
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX (Net)	1.6	1.6	3.2	2.9	3.8	5.3	5.6	4.6			
IFM Global Infrastructure L.P.*	-1.1	-1.1	4.5	10.5	N/A	N/A	N/A	9.6	11/01/2019		
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX (Net)	1.6	1.6	3.2	2.9	3.8	5.3	5.6	2.6			
Hedge Fund Composite	4.2	4.2	10.0	5.1	5.3	4.6	3.5	4.7	09/01/2009		
HFRI FOF: Conservative Index	2.5	2.5	7.1	4.0	5.0	4.3	3.5	3.6			
90-Day T-Bill + 5%	2.5	2.5	10.5	7.7	7.1	7.0	6.4	6.0			
Blackstone*	4.2	4.2	10.0	6.1	6.1	5.6	5.2	4.9	04/01/2008		
HFRI FOF: Conservative Index	2.5	2.5	7.1	4.0	5.0	4.3	3.5	2.5			

Gross of Fees unless stated otherwise.

<sup>\*</sup> Reported Net of Fees.

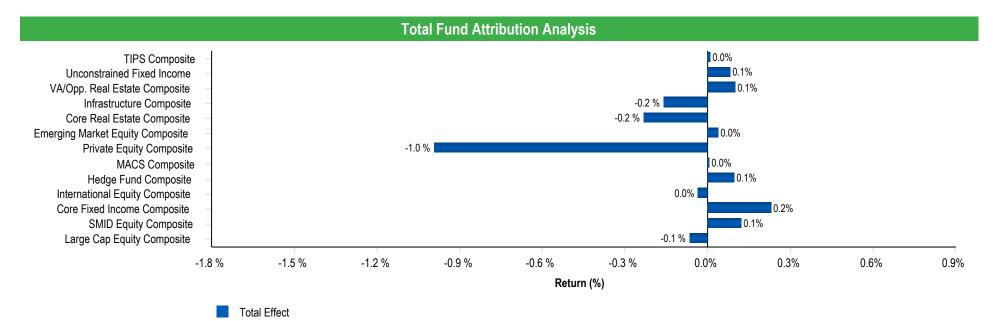
## Comparative Performance Net of Fees

## As of March 31, 2024

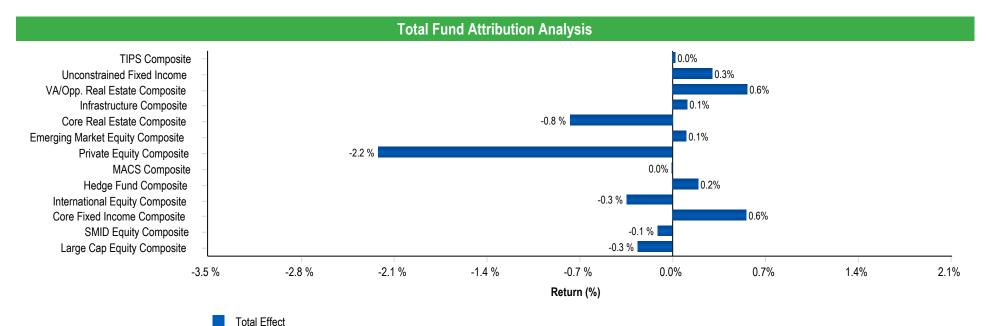
		Performance (%)										
	1	Year To	1	3	5	7	10					
	Quarter	Date	Year	Years	Years	Years	Years					
otal Fund Composite	2.8	2.8	8.5	4.7	7.8	8.1	7.4					
TF Policy Index	3.5	3.5	10.4	4.1	7.5	7.5	7.3					
SSGA S&P 500 ex Tobacco	10.6	10.6	30.0	11.5	15.0	14.1	N/A					
S&P 500 Tobacco Free Index	10.6	10.6	30.1	11.5	15.1	14.2	13.0					
Westfield Capital Management Company	12.1	12.1	20.8	3.9	12.6	12.5	10.0					
Russell 2500 Growth Index	8.5	8.5	21.1	-0.8	9.4	10.6	9.6					
Earnest Partners SMID Cap Value	7.5	7.5	21.5	N/A	N/A	N/A	N/A					
Russell 2500 Value Index	6.1	6.1	21.3	5.4	9.4	7.7	7.7					
Wellington International	5.6	5.6	12.0	0.9	6.5	5.6	4.6					
MSCI AC World ex USA (Net)	4.7	4.7	13.3	1.9	6.0	5.9	4.3					
Brandes Investment Partners	5.3	5.3	20.6	4.3	4.3	N/A	N/A					
MSCI EM (net)	2.4	2.4	8.2	-5.1	2.2	3.7	2.9					
MSCI EM Value (net)	1.3	1.3	11.4	-0.9	2.1	3.1	2.2					
JP Morgan Investment Mgmt	1.6	1.6	1.8	-7.5	N/A	N/A	N/A					
MSCI EM (net)	2.4	2.4	8.2	-5.1	2.2	3.7	2.9					
Baird Advisors	-0.6	-0.6	2.7	-2.2	0.7	1.4	1.9					
Blmbg. U.S. Aggregate	-0.8	-0.8	1.7	-2.5	0.4	1.1	1.5					
SSGA TIPS Index	0.0	0.0	0.3	N/A	N/A	N/A	N/A					
Blmbg. U.S. TIPS	-0.1	-0.1	0.5	-0.5	2.5	2.3	2.2					
Blackrock Strategic Income	0.9	0.9	6.7	1.0	3.1	N/A	N/A					
Blmbg. U.S. Universal Index	-0.5	-0.5	2.7	-2.1	0.7	1.3	1.8					
Loomis, Sayles	1.3	1.3	7.9	0.9	3.1	N/A	N/A					
ICE BofAML 3 Month U.S. T-Bill	1.3	1.3	5.2	2.6	2.0	1.9	1.4					
ICE BofAML 3 Month US T-Bill + 3%	2.0	2.0	8.4	5.7	5.1	5.0	4.4					

#### Comparative Performance Net of Fees As of March 31, 2024 Performance (%) Year To 1 3 5 7 10 Quarter Date Year Years Years Years Years Vanguard STAR Inv 4.6 4.6 14.9 2.5 N/A N/A N/A Vanguard STAR Composite Index 5.0 5.0 15.9 4.4 8.3 8.0 7.2 Vanguard Global Wellington Fund Adm 4.1 4.1 13.8 5.8 N/A N/A N/A Vanguard Global Wellington Composite Index 17.9 N/A 5.6 5.6 5.1 8.5 N/A -3.6 -3.6 -12.4 2.0 1.9 3.4 5.7 Invesco Real Estate -2.4 -2.4 3.4 3.7 4.9 NCREIF ODCE Equal Weighted -11.3 7.0 IFM Global Infrastructure L.P. -1.1 -1.1 4.5 10.5 N/A N/A N/A FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX (Net) 2.9 1.6 1.6 3.2 3.8 5.3 5.6 4.2 6.1 6.1 5.6 4.2 10.0 5.2 Blackstone 2.5 5.0 4.3 3.5 HFRI FOF: Conservative Index 2.5 7.1 4.0

Comparative IRR				As	of March 31, 2024
	1 Year	3 Years	5 Years	Since Inception	Inception Date
Private Equity Composite	4.2	22.1	18.5	16.2	11/16/2007
Infrastructure Composite	6.4	9.7	9.6	9.4	02/07/2019
MIRA Infrastructure Global Solution II, L.P.	7.6	7.4	8.8	8.5	02/07/2019
IFM Global Infrastructure L.P.	4.5	12.1	N/A	10.2	10/23/2019
Value Add/Opportunistic Real Estate Composite	4.5	11.8	9.0	9.0	04/12/2019
Brookfield Strategic Real Estate III	6.3	11.0	10.4	10.4	04/12/2019
Dune Real Estate Fund IV	0.2	14.8	N/A	4.3	08/22/2019

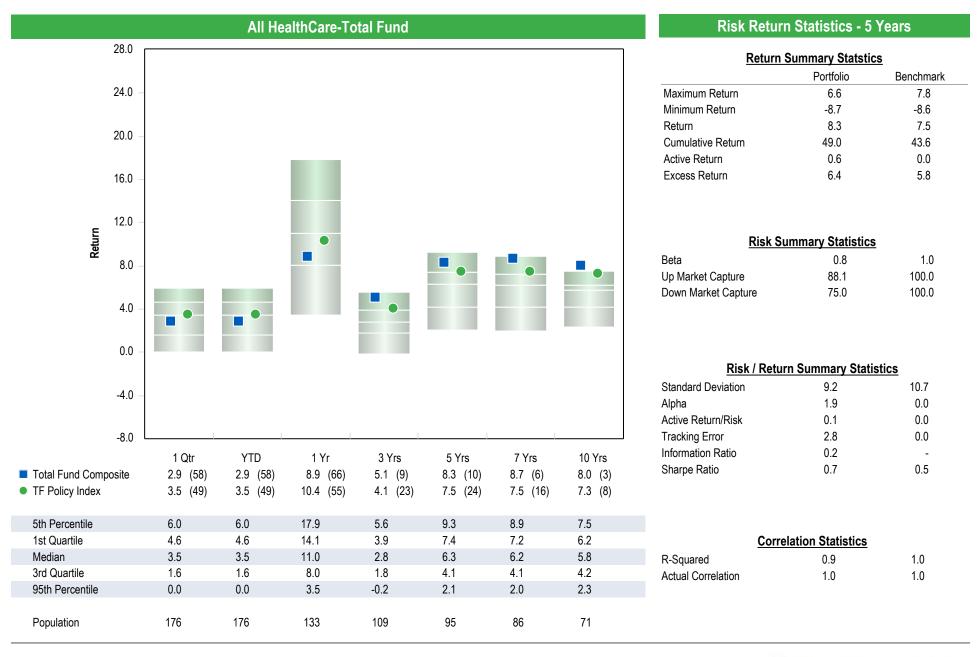


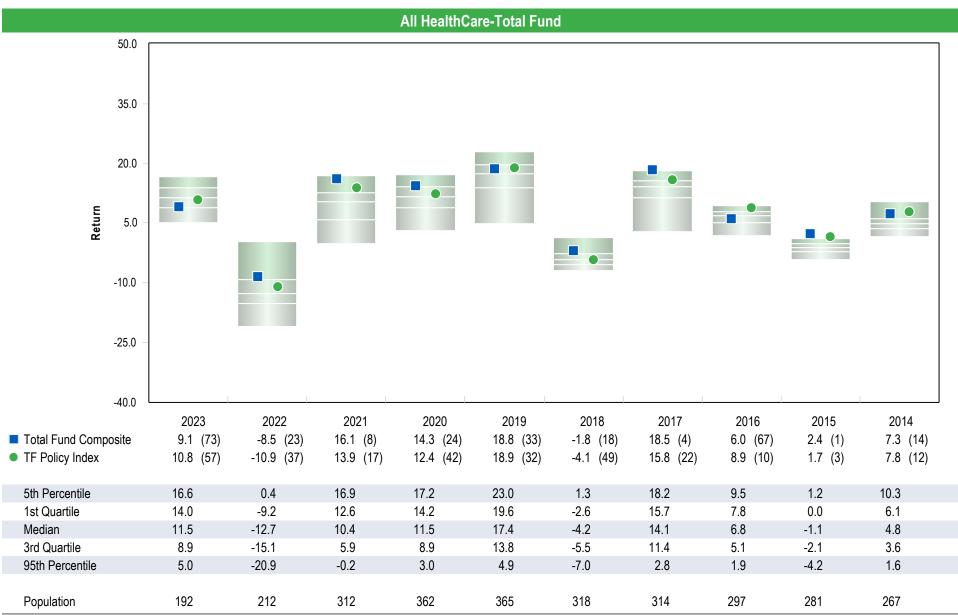
Attribution Summary									
	Actual Weight (%)	Index Weight (%)	Active Weight (%)	Wtd. Actual Return (%)	Wtd. Index Return (%)	Excess Return (%)	Selection Effect (%)	Allocation Effect (%)	Total Effect (%)
Large Cap Equity Composite	15.1	16.0	-0.9	10.6	10.6	0.0	0.0	-0.1	-0.1
SMID Equity Composite	5.1	6.0	-0.9	10.1	6.9	3.1	0.2	0.0	0.1
Core Fixed Income Composite	15.8	20.0	-4.2	-0.5	-0.8	0.3	0.0	0.2	0.2
International Equity Composite	9.7	11.0	-1.3	5.7	5.8	-0.1	0.0	0.0	0.0
Hedge Fund Composite	4.6	5.0	-0.4	4.5	2.5	2.0	0.1	0.0	0.1
MACS Composite	3.7	5.0	-1.3	4.4	3.9	0.4	0.0	0.0	0.0
Private Equity Composite	13.5	7.5	6.0	0.1	10.6	-10.5	-1.4	0.4	-1.0
Emerging Market Equity Composite	2.7	3.0	-0.3	3.8	2.4	1.5	0.0	0.0	0.0
Core Real Estate Composite	7.5	5.0	2.5	-3.4	-2.4	-1.0	-0.1	-0.2	-0.2
Infrastructure Composite	6.6	5.5	1.1	-0.4	1.6	-2.0	-0.1	0.0	-0.2
VA/Opp. Real Estate Composite	6.1	5.0	1.1	1.5	-1.0	2.5	0.2	-0.1	0.1
Unconstrained Fixed Income	7.0	8.0	-1.0	2.3	0.8	1.5	0.1	0.0	0.1
TIPS Composite	2.7	3.0	-0.3	0.0	-0.1	0.1	0.0	0.0	0.0
Total Fund Composite	100.0	100.0	0.0	2.9	3.7	-0.8	-1.1	0.3	-0.8



Attribution Summary									
	Actual Weight (%)	Index Weight (%)	Active Weight (%)	Wtd. Actual Return (%)	Wtd. Index Return (%)	Excess Return (%)	Selection Effect (%)	Allocation Effect (%)	Total Effect (%)
Large Cap Equity Composite	14.6	16.0	-1.4	29.9	29.9	0.0	0.0	-0.3	-0.3
SMID Equity Composite	4.8	6.0	-1.2	22.0	21.4	0.6	0.0	-0.1	-0.1
Core Fixed Income Composite	16.1	20.0	-3.9	2.9	1.7	1.2	0.2	0.4	0.6
International Equity Composite	9.7	11.0	-1.3	12.6	15.3	-2.7	-0.3	-0.1	-0.3
Hedge Fund Composite	4.6	5.0	-0.4	11.4	7.1	4.2	0.2	0.0	0.2
MACS Composite	3.7	5.0	-1.3	14.3	13.4	0.9	0.0	0.0	0.0
Private Equity Composite	13.1	7.5	5.6	4.3	29.9	-25.5	-3.2	1.0	-2.2
Emerging Market Equity Composite	2.8	3.0	-0.2	12.2	8.2	4.0	0.1	0.0	0.1
Core Real Estate Composite	8.3	5.0	3.3	-11.6	-11.3	-0.3	0.0	-0.8	-0.8
Infrastructure Composite	6.7	5.5	1.2	6.4	3.2	3.1	0.2	-0.1	0.1
VA/Opp. Real Estate Composite	5.9	5.0	0.9	4.6	-7.2	11.8	0.8	-0.2	0.6
Unconstrained Fixed Income	7.0	8.0	-1.0	15.6	8.1	7.6	0.3	0.0	0.3
TIPS Composite	2.7	3.0	-0.3	0.4	0.5	-0.1	0.0	0.0	0.0
Total Fund Composite	100.0	100.0	0.0	8.9	10.8	-1.9	-1.8	-0.1	-1.9

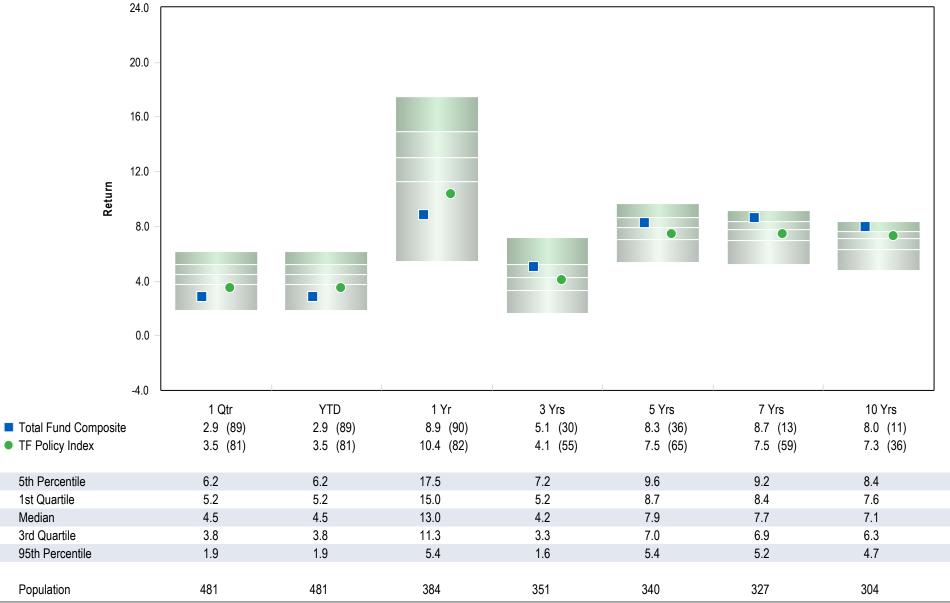
## Total Fund Composite As of March 31, 2024





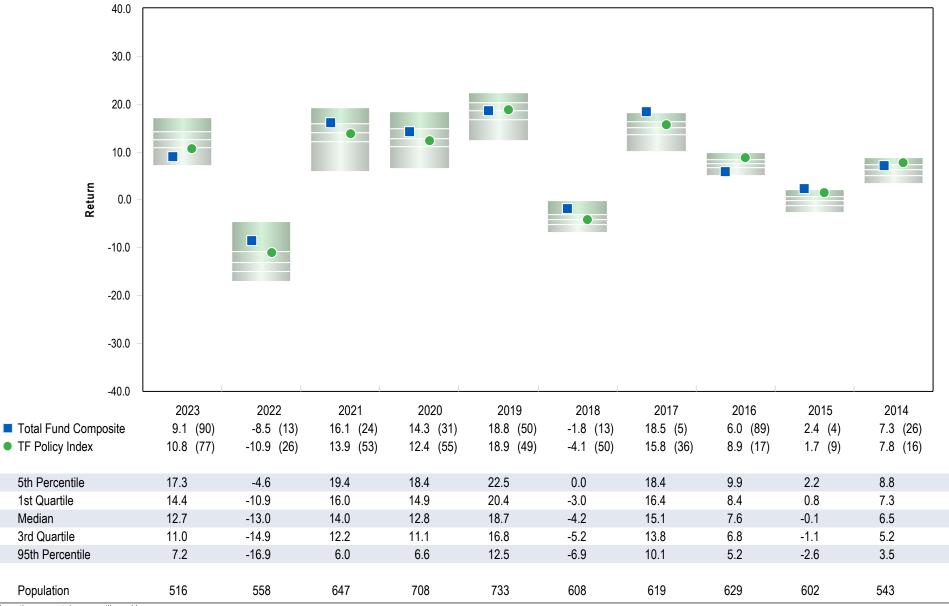
Parentheses contain percentile rankings. Calculation based on monthly periodicity.

## All Public Plans-Total Fund



Parentheses contain percentile rankings. Calculation based on monthly periodicity.

## All Public Plans-Total Fund



Parentheses contain percentile rankings. Calculation based on monthly periodicity.

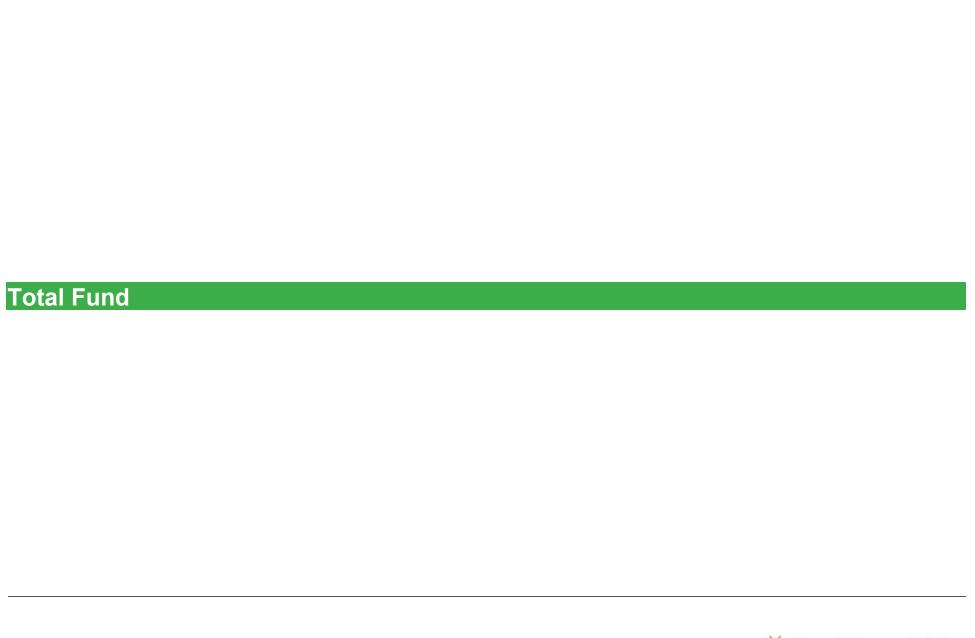
#### 5 Years Annualized Return vs. Annualized Standard Deviation 5 Years Upside Capture Ratio vs. Downside Capture Ratio 20.0 200.0 15.0 150.0 Up Market Capture 100.0 10.0 Return 50.0 5.0 0.0 0.0 -5.0 -50.0 0.0 5.0 15.0 -50.0 0.0 50.0 100.0 150.0 -5.0 10.0 20.0 200.0 Down Market Capture Standard Deviation Up Down Standard Market Market Deviation Return Capture Capture Total Fund Composite 9.2 Total Fund Composite 8.3 88.1 75.0 ■ TF Policy Index 7.5 10.7 ■ TF Policy Index 100.0 100.0 Median 7.9 11.8 Median 107.6 108.4 Population Population 340 340 340 340

## Total Fund Cash Flow History - Calendar Years 10 Years Ending March 31, 2024

Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Net Investment Change (\$)	Ending Market Value (\$)	Return %
From 04/2014	305,652,303	-6,320,457	17,339,698	316,671,544	5.7
2015	316,671,544	-7,798,067	7,597,951	316,471,428	2.4
2016	316,471,428	-15,753,985	18,305,025	319,022,467	6.0
2017	319,022,467	-13,160,077	57,696,953	363,559,344	18.5
2018	363,559,344	-18,704,002	-5,505,743	339,349,599	-1.8
2019	339,349,599	-8,693,160	63,959,035	394,615,474	18.8
2020	394,615,474	-21,381,763	49,764,116	422,997,827	14.3
2021	422,997,827	-29,032,275	66,035,247	460,000,799	16.1
2022	460,000,799	-28,909,379	-41,937,975	389,153,445	-8.5
2023	389,153,445	-11,688,655	34,787,339	412,252,129	9.1
To 03/2024	412,252,129	-9,372,773	11,677,750	414,557,106	2.9

## Benchmark History As of March 31, 2024

From Date	To Date	Benchmark
Total Fund Con	nposite	
01/01/2023	Present	23.5% S&P 500, 6.0% Russell 2500 Index, 11.0% MSCI EAFE (Net), 3.0% MSCI EM (net), 4.0% NCREIF Property Index, 6.0% NCREIF ODCE Equal Weighted (Net), 20.0% Blmbg. U.S. Aggregate, 4.0% Blmbg. U.S. Universal Index, 4.0% ICE BofAML 3 Month U.S. T-Bill, 2.0% FTSE World Government Bond Index, 5.5% FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX (Net), 5.0% HFRI FOF: Conservative Index, 3.0% Blmbg. U.S. TIPS, 3.0% MSCI AC World ex USA (Net)
06/01/2022	01/01/2023	23.5% S&P 500, 6.0% Russell 2500 Index, 11.0% MSCI EAFE (Net), 3.0% MSCI EM (net), 4.0% NCREIF Property Index, 6.0% NCREIF ODCE Equal Weighted, 20.0% Blmbg. U.S. Aggregate, 4.0% Blmbg. U.S. Universal Index, 4.0% ICE Libor + 4%, 2.0% FTSE World Government Bond Index, 5.5% CPI + 5%, 5.0% HFRI FOF: Conservative Index, 3.0% Blmbg. U.S. TIPS, 3.0% MSCI AC World ex USA (Net)
02/01/2021	06/01/2022	27.5% S&P 500, 10.0% Russell 2500 Index, 15.0% MSCI EAFE (Net), 4.0% MSCI EM (net), 5.0% NCREIF Property Index, 5.0% NCREIF ODCE Equal Weighted, 14.0% Blmbg. U.S. Aggregate, 4.0% Blmbg. U.S. Universal Index, 4.0% ICE Libor + 4%, 1.2% FTSE World Government Bond Index, 5.5% CPI + 5%, 3.0% HFRI FOF: Conservative Index, 1.8% MSCI AC World ex USA (Net)
01/01/2019	02/01/2021	27.5% S&P 500, 10.0% Russell 2500 Index, 15.0% MSCI EAFE (Net), 4.0% MSCI EM (net), 5.0% NCREIF Property Index, 5.0% NCREIF ODCE Equal Weighted, 14.0% Blmbg. U.S. Aggregate, 4.0% BofAML High Yield Master II Constrained, 4.0% FTSE World Government Bond Index, 5.5% CPI + 5%, 6.0% T-Bill + 5%
04/01/2008	01/01/2019	37.5% S&P 500, 20.0% Blmbg. U.S. Aggregate, 15.0% Russell 2500 Index, 15.0% MSCI EAFE (Net), 7.5% NCREIF ODCE Equal Weighted, 5.0% T-Bill + 5%
10/01/2007	04/01/2008	42.5% S&P 500, 20.0% Blmbg. U.S. Aggregate, 15.0% Russell 2500 Index, 15.0% MSCI EAFE (Net), 7.5% NCREIF ODCE Equal Weighted
01/01/2007	10/01/2007	46.3% S&P 500, 23.8% Blmbg. U.S. Aggregate, 15.0% Russell 2500 Index, 15.0% MSCI EAFE (Net)
01/01/1981	01/01/2007	58.0% S&P 500, 34.0% Blmbg. Intermed. U.S. Government/Credit, 5.0% FTSE 1 Month T-Bill, 3.0% MSCI EAFE (Net)
Global Unconst	trained Fixed Inc	ome Composite
01/01/2023	Present	50.0% Blmbg. U.S. Universal Index, 50.0% ICE BofAML 3 Month U.S. T-Bill
10/01/2018	01/01/2023	50.0% Blmbg. U.S. Universal Index, 50.0% ICE Libor + 4%
<b>MACS Compos</b>	ite	
10/01/2018	Present	60.0% MSCI AC World Index, 40.0% FTSE World Government Bond Index



### Broward Health Employees Pension Fund Investment Manager Roster as of March 31, 2024

INVESTMENT MANAGERS	ASSETS UNDER MANAGEMENT	BENCHMARK	STATED STYLE	FEE STRUCTURE	ANNUAL FEE (\$)	AVERAGE FEE (%)	UNIVERSE MEDIAN FEE (bps)
SSGA S&P 500 ex Tobacco	\$64,355,760	S&P 500 Tobacco Free	Large Cap Core	5 bps first \$50 mill and 3 bps thereafter	\$22,696	0.04%	0.06%
Westfield Capital Management	\$11,852,573	Russell 2500 Growth	Small/Mid Cap Growth	100 bps first \$25 mill, 75 bps next \$50 mill, 60 bps thereafter	\$107,993	0.91%	0.90%
Earnest Partners Small/Mid Cap Value	\$10,852,975	Russell 2500 Value	Small/Mid Cap Value	60 bps on net asset value	\$65,118	0.60%	0.85%
Wellington International	\$40,384,882	MSCI AC World ex USA (Net)	International Equity	65 bps first \$50 mill, 55 bps over \$50 mill	\$237,634	0.59%	0.66%
Brandes Emerging Markets Equity	\$6,590,508	MSCI EM (Net)	Emerging Markets Equity	80 bps on net asset value	\$52,724	0.80%	1.00%
JP Morgan Emerging Markets Equity Focused	\$5,205,492	MSCI EM (Net)	Emerging Markets Equity	75 bps first \$100 mill, 70 bps on balance	\$39,041	0.75%	1.00%
Baird Advisors	\$64,885,094	Bloomberg U.S. Aggregate	Core Fixed Income	30 bps first \$25 mill, 25 bps next \$25 mill, 20 bps next \$50 mill, 15 bps over \$100 mill	\$125,215	0.19%	0.25%
SSGA TIPS Index	\$11,142,204	Bloomberg U.S. TIPS	TIPS	5 bps first \$50 mill, 3 bps next \$50, 2.5 bps next \$150 mill and 2 bps thereafter	\$5,571	0.05%	0.15%
Blackrock Strategic Income Opportunities	\$16,765,919	Bloomberg U.S. Universal	Global Fixed Income	62 bps on net asset value	\$103,949	0.62%	0.60%
Loomis, Sayles NHIT Strategic Alpha	\$12,158,073	ICE BofAML 3 Month US T-Bill	Global Fixed Income	40 bps on net asset value	\$48,632	0.40%	0.60%
Vanguard STAR Fund Inv	\$6,185,519	STAR Composite Index <sup>1</sup>	Multi-Asset Class Solutions (MACS)	31 bps on net asset value	\$19,175	0.31%	0.40%
Vanguard Global Wellington Fund Adm	\$6,025,154	Global Wellington Composite Index <sup>2</sup>	Multi-Asset Class Solutions (MACS)	34 bps on net asset value	\$20,486	0.34%	0.40%
Invesco Core Real Estate	\$29,502,970	NCREIF ODCE (EQW)	Core Real Estate	90 bps on net asset value	\$265,527	0.90%	1.00%
Lexington Capital Partners VII	\$236,313	N/A	Private Equity	1% of Committed Capital during commitment period (which ends 6/30/2016); and then 85 bps per annum on the reported value of the Fund's secondary investments and 50 bps on primary investments	\$1,951	0.83%	1.00% - 2.00%
Trivest Fund V	\$2,149,356	N/A	Private Equity	2% of Commitments (investment period ends 8/10/2018) and then 2% of Invested Capital thereafter	\$60,000	2.00%	1.00% - 2.00%
Z Capital Special Situations Fund II, L.P.	\$3,235,428	N/A	Private Equity	2% of Commitments (investment period ends 1/2/2019) and then 2% of Invested Capital thereafter	\$50,000	2.00%	1.00% - 2.00%
Sentinel Capital Partners V	\$251,333	N/A	Private Equity	2% of Commitments (investment period ends 7/18/2019) and then 2% of Invested Capital thereafter	\$25,000	2.00%	1.00% - 2.00%
Levine Leitchtman Capital	\$39,314	N/A	Private Equity	1.65% on commitments during the investment period (which ends 8/15/2018); then 1.50% on Invested Capital thereafter	\$18,750	1.50%	1.00% - 2.00%
Wave Equity Fund, L.P.	\$3,448,268	N/A	Private Equity	2% of Commitments during the three year investment period (which ends 3/31/2019); and then 2% of Invested Capital thereafter	\$40,000	2.00%	1.00% - 2.00%
Snow Phipps III	\$2,696,151	N/A	Private Equity	2% of Commitments during the five year investment period (which ends 6/30/2022); and then 1.5% of Invested Capital thereafter	\$80,000	2.00%	1.00% - 2.00%

### Broward Health Employees Pension Fund Investment Manager Roster as of March 31, 2024

INVESTMENT MANAGERS	ASSETS UNDER MANAGEMENT	BENCHMARK	STATED STYLE	FEE STRUCTURE	ANNUAL FEE (\$)	AVERAGE FEE (%)	UNIVERSE MEDIAN FEE (bps)
LCM Healthcare Fund I	\$6,278,532	N/A	Private Equity	2% of Commitments during the five year investment period (which ends 6/30/2023); and then 2% of Invested Capital thereafter	\$80,000	2.00%	1.00% - 2.00%
W Capital Partners IV	\$1,675,062	N/A	Private Equity	1.5% of Commitments during the five year investment period (which ends 10/30/2023); and then 1.5% of Invested Capital thereafter	\$60,000	1.50%	1.00% - 2.00%
FS Equity Partners VIII	\$5,185,797	N/A	Private Equity	1.75% of Commitments during the five year investment period (which ends 3/31/2024); and then 1.0% of Invested Capital thereafter	\$70,000	1.75%	1.00% - 2.00%
Arlington Capital Partners V	\$3,355,082	N/A	Private Equity	2.00% of Commitments during the six year investment period (which ends 7/31/2025); and then 1.5% of Invested Capital thereafter	\$50,000	2.00%	1.00% - 2.00%
Wave Equity Fund II, L.P.	\$6,410,003	N/A	Private Equity	2% of Commitments during the three year investment period (which ends 12/31/2022); and then 2% of Invested Capital thereafter	\$100,000	2.00%	1.00% - 2.00%
Trivest Discovery Fund, L.P.	\$742,376	N/A	Private Equity	2% of Commitments during the six year investment period (which ends 2/1/2026); and then 2% of Invested Capital thereafter	\$13,000	2.00%	1.00% - 2.00%
HGGC Fund IV-A, L.P.	\$2,852,624	N/A	Private Equity	2% of Commitments during the six year investment period (which ends 3/1/2026); and then 2% of Invested Capital thereafter	\$68,000	2.00%	1.00% - 2.00%
Kohlberg Investors IX, L.P.	\$6,146,066	N/A	Private Equity	2% of Commitments during the six year investment period (which ends 1/31/2026); and then 1.5% of Invested Capital thereafter	\$100,000	2.00%	1.00% - 2.00%
Lindsay Goldberg V	\$4,178,424	N/A	Private Equity	1.75% of Commitments during the six year investment period (which ends 12/12/2025); and then 1.25% of Invested Capital thereafter	\$87,500	1.75%	1.00% - 2.00%
Tenex Capital Partners III	\$5,041,630	N/A	Private Equity	2% of Commitments during the five year investment period (which ends 12/31/2025); and then 2% of Invested Capital thereafter	\$100,000	2.00%	1.00% - 2.00%
Trivest Growth Fund II	\$722,622	N/A	Private Equity	2% of Commitments during the six year investment period (which ends 2/1/2026); and then 2% of Invested Capital thereafter	\$20,000	2.00%	1.00% - 2.00%
Brookfield Strategic Real Estate III	\$18,199,472	N/A	Private Real Estate	1.5% of Commitments during the four year investment period (which ends 1/31/2023); and then 1.5% of Invested Capital thereafter	\$240,000	1.50%	1.00% - 2.00%
Dune Real Estate Fund IV	\$7,326,032	N/A	Private Real Estate	1.5% of Commitments during the four year investment period (which ends 3/25/2023); and then 1.5% of Invested Capital thereafter	\$120,000	1.50%	1.00% - 2.00%
MIRA Infrastructure Global Solution II, L.P.	\$16,693,609	FTSE Global Core Infrastructure	Infrastructure	1.5% of the commitment amount per annum	\$225,000	1.50%	1.00% - 2.00%
IFM Global Infrastruture L.P.	\$10,460,073	FTSE Global Core Infrastructure	Infrastructure	77 bps on net asset value	\$80,543	0.77%	1.00% - 2.00%
Blackstone	\$19,183,695	HFRI FOF: Conservative Index	Hedge Fund of Funds	125 bps on all assets	\$239,796	1.25%	1.00% - 2.00%
Entrust	\$33,107	HFRI FOF: Conservative Index	Hedge Fund of Funds	50 bps on all assets	\$166	Y C	1.04

#### Broward Health Employees Pension Fund Investment Manager Roster as of March 31, 2024

INVESTMENT MANAGERS	ASSETS UNDER MANAGEMENT	BENCHMARK	STATED STYLE	FEE STRUCTURE	ANNUAL FEE (\$)	AVERAGE FEE (%)	UNIVERSE MEDIAN FEE (bps)
Cash Account	\$2,109,615	90 Day T-Bill	Cash	N/A	N/A	N/A	N/A
Transition Account	\$0	N/A	Cash	N/A	N/A	N/A	N/A
TOTAL	\$414,557,106				\$3,043,465	0.73%	

<sup>&</sup>lt;sup>1</sup>The STAR Composite Index as of October 1, 2010, is comprised of 43.75% MSCI US Broad Market Index, 25% Bloomberg U.S. Aggregate Bond Index, 12.5% Bloomberg U.S. 1-5 Year Credit Bond Index, and 18.75% MSCI All Country World Index ex USA

<sup>&</sup>lt;sup>2</sup>The Global Wellington Composite Index is comprised of 65% FTSE Developed Index (net of tax) and 35% Bloomberg Fixed Income Composite Index, composed of 80% Bloomberg Global Aggregate Credit Index (USD Hedged), 10% Bloomberg Global Aggregate Securitized Index (USD Hedged).

## Statistics Definition

Statistics	Definition
Return -	Compounded rate of return for the period.
Standard Deviation -	A statistical measure of the range of a portfolio's performance, the variability of a return around its average return over a specified time period.
Sharpe Ratio -	Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical risk-adjusted performance.
Alpha -	A measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. It is a measure of the portfolio's historical performance not explained by movements of the market, or a portfolio's non-systematic return.
Simple Alpha -	The difference between the manager's return and the benchmark's return.
Beta -	A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of a portfolio's non-diversifiable or systematic risk.
Tracking Error -	A measure of the standard deviation of a portfolio's performance relative to the performance of an appropriate market benchmark.
Information Ratio -	Measured by dividing the active rate of return by the tracking error. The higher the Information Ratio, the more value-added contribution by the manager.
Active Return -	Arithmetic difference between the managers return and the benchmark return over a specified time period.
Down Market Capture -	The ratio of average portfolio return over the benchmark during periods of negative benchmark return. Lower values indicate better product performance
R-Squared -	The percentage of a portfolio's performance explained by the behavior of the appropriate benchmark. High R-Square means a higher correlation of the portfolio's performance to the appropriate benchmark.
Up Market Capture -	The ratio of average portfolio return over the benchmark during periods of positive benchmark return. Higher values indicate better product performance.