



# **State Board of Administration Performance Report to the Trustees**

*Performance Through May 31, 2015*

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STATE BOARD OF ADMINISTRATION  
OF FLORIDA

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CHAIR

JEFF ATWATER  
CHIEF FINANCIAL OFFICER

PAM BONDI  
ATTORNEY GENERAL

ASH WILLIAMS  
EXECUTIVE DIRECTOR & CIO

TO: Members, State Board of Administration  
Governor Rick Scott, Chair  
Chief Financial Officer Jeff Atwater  
Attorney General Pam Bondi

FROM: Ash Williams

DATE: July 20, 2015

SUBJECT: Performance Report to the Trustees

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Please find attached the SBA's Performance Report to the Trustees for the month ending May 31, 2015. For the 12 months ending May 31, 2015, performance for the SBA's three multi-asset class mandates was as follows.

	Actual Return	Benchmark Return	Value Added
FRS Pension Plan	6.52%	5.42%	1.10%
FRS Investment Plan	5.71%	5.19%	0.52%
Lawton Chiles Endowment	4.58%	4.32%	0.26%

Florida Statutes, Section 215.47(6), the "basket clause," requires the Executive Director to report to the Investment Advisory Council any proposed plans to invest in certain investments that are not explicitly authorized. During the quarter, no proposed plans for such investments were reported to the Investment Advisory Council.

If you have any questions or need additional information, please contact me.

AW/jk

cc: IAC Members  
Monica Russell  
Jeff Woodburn  
Michelle Dahnke  
Robert Tornillo  
Erica Atalla  
Rob Johnson  
Andrew Fay

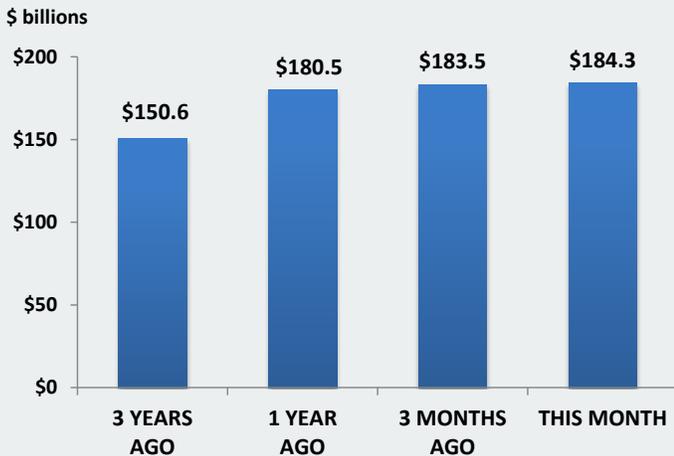
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# TABLE OF CONTENTS

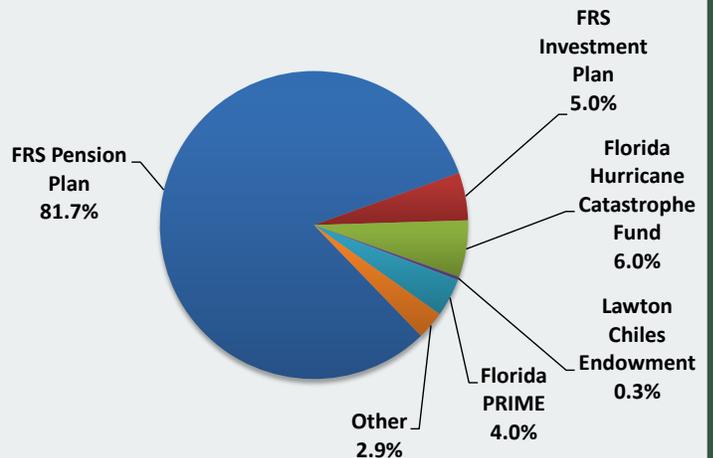
Summary of SBA Mandates.....	5-6
Florida Retirement System Pension Plan	
Total Fund Performance & Net Asset Value.....	7
Asset Class Benchmarks, Asset Allocation & Cash Flows.....	8
Asset Class Performance Charts.....	9
Private Market Performance Charts.....	10
Risk Charts.....	11-13
Florida Retirement System Investment Plan.....	14-15
Lawton Chiles Endowment Fund .....	16
Florida PRIME/Fund B .....	17-18
Florida Hurricane Catastrophe Fund .....	19

## SUMMARY OF MANDATES

**TOTAL FUNDS UNDER MANAGEMENT**



**BREAKDOWN OF FUNDS UNDER MANAGEMENT**

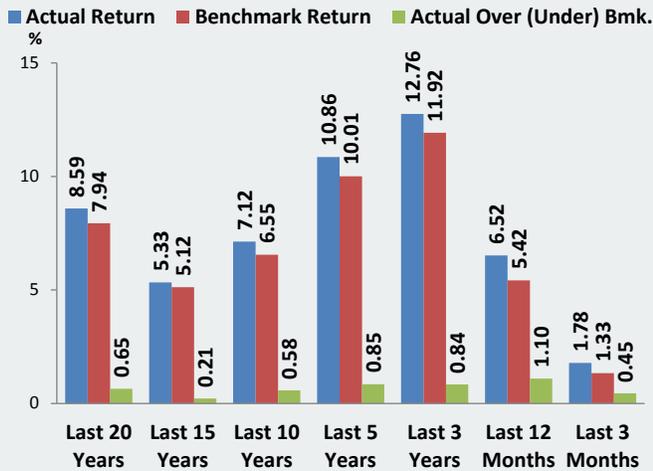


# SUMMARY OF MANDATES

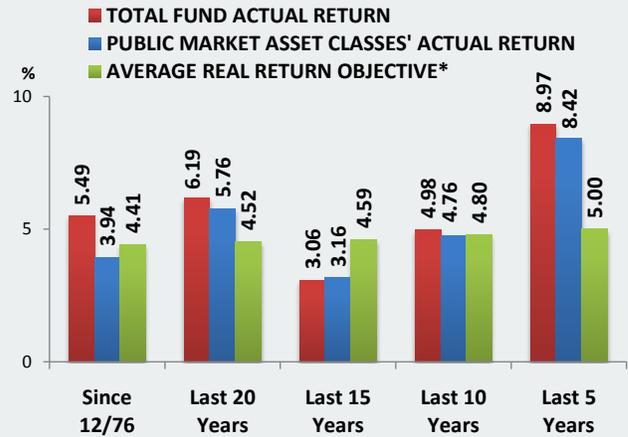
	May 31, 2015 MARKET VALUE (IN THOUSANDS)	April 30, 2015 MARKET VALUE (IN THOUSANDS)
<b>FLORIDA RETIREMENT SYSTEM PENSION PLAN</b>		
<b>FRS PENSION PLAN ASSET CLASSES</b>		
GLOBAL EQUITY	\$88,271,167	\$88,777,806
FIXED INCOME	\$29,506,290	\$29,507,201
REAL ESTATE	\$12,312,340	\$12,354,303
PRIVATE EQUITY	\$8,929,748	\$8,660,685
STRATEGIC INVESTMENTS	\$10,177,362	\$10,015,273
CASH	\$1,440,492	\$1,158,652
<b>TOTAL FRS PENSION PLAN</b>	<b>\$150,637,399</b>	<b>\$150,473,920</b>
<b>FLORIDA RETIREMENT SYSTEM INVESTMENT PLAN</b>	<b>\$9,221,512</b>	<b>\$9,199,115</b>
<b>LAWTON CHILES ENDOWMENT FUND (IN THOUSANDS)</b>		
<b>LCEF ASSET CLASSES</b>		
GLOBAL EQUITY	\$467,588	\$472,522
FIXED INCOME	\$98,657	\$98,947
TIPS	\$61,541	\$61,984
CASH	\$8,255	\$8,267
<b>TOTAL LCEF</b>	<b>\$636,041</b>	<b>\$641,721</b>
<b>OTHER FUNDS</b>		
DEBT SERVICE NONESCROW	\$1,239,504	\$1,087,477
DEBT SERVICE ESCROW	\$781,071	\$1,990,091
GAS TAX	\$0	\$0
RETIREE HEALTH INSURANCE SUBSIDY	\$11,992	\$17,180
POLICE AND FIREFIGHTERS	\$195,599	\$156,944
FLORIDA ENDOWMENT FOR VOCATIONAL REHAB.	\$0	\$0
FLORIDA PRIME	\$7,381,303	\$7,581,781
Less Florida PRIME holdings in SBA funds	(\$346,698)	(\$313,687)
FUND B SURPLUS FUNDS TRUST FUND	\$43,227	\$43,227
DEPARTMENT OF THE LOTTERY	\$379,944	\$398,537
SBA ADMINISTRATIVE EXPENSE	\$44,960	\$44,051
PEORP ADMINISTRATIVE TRUST FUND	\$30,178	\$29,570
FLORIDA HURRICANE CATASTROPHE FUND	\$10,988,029	\$10,970,435
STATE BOARD OF ADMINISTRATION FINANCE CORPORATION	\$2,671,092	\$2,663,412
FLORIDA PREPAID COLLEGE PROGRAM	\$336,945	\$333,512
BOND PROCEEDS	\$0	\$5,170
ARBITRAGE COMPLIANCE	\$2,691	\$2,681
REVENUE BOND FEE	\$6,199	\$6,274
INLAND PROTECTION FINANCING CORPORATION	\$1	\$1
BLIND SERVICES	\$5,083	\$5,052
MCKNIGHT EDUCATION FUND	\$0	\$0
FSU RESEARCH FOUNDATION	\$0	\$0
ICB PROGRAM	\$1,816	\$1,867
BURNHAM INSTITUTE	\$1,496	\$1,496
TORREY PINES INSTITUTE	\$3,569	\$3,567
PINELLAS SUN COAST TRANSIT AUTHORITY	\$0	\$0
SRI INTERNATIONAL	\$116	\$116
UNIVERSITY OF MIAMI	\$20,911	\$20,908
MAX PLANCK	\$0	\$3,397
OREGON HEALTH AND SCIENCE	\$2,574	\$2,574
CHARLES STARK DRAPER LABORATORY	\$1,113	\$1,113
PAYING BANK RECALLS	\$0	\$0
<b>OTHER FUNDS TOTAL</b>	<b>\$23,802,714</b>	<b>\$25,056,744</b>
<b>TOTAL ASSETS UNDER MANAGEMENT</b>	<b>\$184,297,667</b>	<b>\$185,371,500</b>

# FLORIDA RETIREMENT SYSTEM PENSION PLAN TOTAL FUND PERFORMANCE & NET ASSET VALUE CHARTS

## TOTAL FUND ACTUAL RETURNS

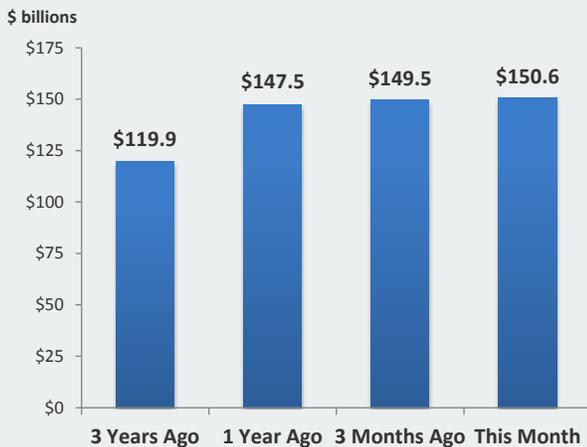


## TOTAL FUND REAL RETURNS

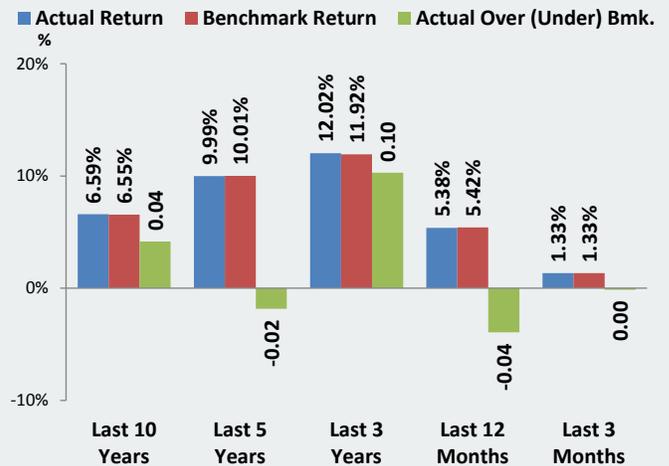


\* The FRS's real return objective was 4.3% prior to June 2003, and 4% from June 2003 to May 2007. It has been 5% since June 1, 2007.

## NET ASSET VALUES



## RETURNS TO ASSET ALLOCATION



# FLORIDA RETIREMENT SYSTEM PENSION PLAN

## ASSET CLASS BENCHMARKS, ALLOCATION & CASH FLOWS

### ASSET CLASS BENCHMARKS

Asset Class	Index
Global Equity	A custom version of the MSCI All Country World Investable Market Index (ACWI IMI), in dollar terms, net of withholding taxes on non-resident institutional investors, adjusted to reflect the provisions of the Protecting Florida's Investments Act
Fixed Income	The Barclays Capital U.S. Intermediate Aggregate Index
Real Estate	The core portion of the asset class is benchmarked to an average of the National Council of Real Estate Investment Fiduciaries (NCREIF) Fund Index – Open-ended Diversified Core Equity, NET of fees, weighted at 76.5%, and the non-core portion of the asset class is benchmarked to an average of the National Council of Real Estate Investment Fiduciaries (NCREIF) Fund Index – Open-ended Diversified Core Equity, NET of fees, weighted at 13.5%, plus a fixed return premium of 150 basis points per annum, and the FTSE EPRA/NAREIT Developed Index, in dollar terms, net of withholding taxes on non-resident institutional investors, weighted at 10%
Private Equity	The MSCI All Country World Investable Market Index (ACWI IMI), in dollar terms, net of withholding taxes on non-resident institutional investors, adjusted to reflect the provisions of the Protecting Florida's Investments Act, plus a fixed premium return of 300 basis points per annum
Strategic Investments	A weighted-average of individual portfolio level benchmark returns
Cash & Cash Equivalents	iMoneyNet First Tier Institutional Money Market Funds Net Index

### CURRENT ASSET ALLOCATION, TARGET AND RANGES

	Current Weight	Policy Weight	Policy Low	Policy High	Actual Low	Actual High
Global Equity	58.6%	53.0%	45.0%	70.0%	58.6%	59.4%
Fixed Income	19.6%	18.0%	10.0%	26.0%	19.3%	19.6%
Real Estate	8.2%	10.0%	4.0%	16.0%	8.1%	8.2%
Private Equity	5.9%	6.0%	2.0%	9.0%	5.6%	5.9%
Strategic Investments	6.8%	12.0%	0.0%	16.0%	6.7%	6.8%
Cash & Cash Equivalents	1.0%	1.0%	0.25%	5.0%	0.7%	1.4%

### CASH FLOWS AND INVESTMENT GAIN/LOSS

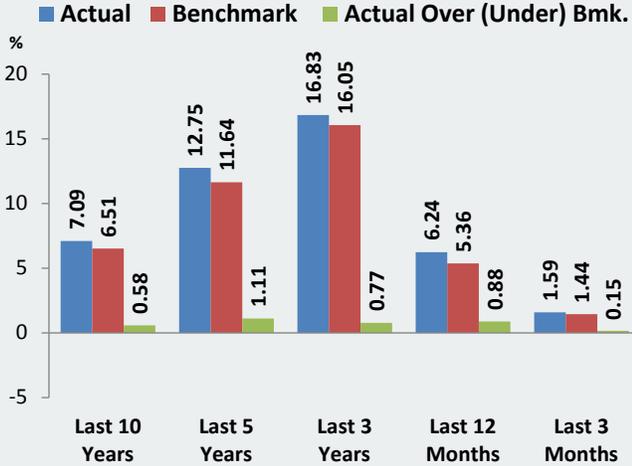
ASSET CLASS <sup>1</sup>	PERFORMANCE OVER LAST 3 MOS.			PERFORMANCE OVER LAST 12 MOS.		
	TRANSFERS & CONTRIB. <sup>2</sup>	RETURNS	CHANGE IN NET ASSET VALUE	TRANSFERS & CONTRIB. <sup>2</sup>	RETURNS	CHANGE IN NET ASSET VALUE
Global Equity	(\$2,188.7)	\$1,424.6	(\$764.0)	(\$5,906.5)	\$5,374.6	(\$531.9)
Fixed Income	(\$0.7)	\$133.1	\$132.4	(\$1,307.7)	\$766.8	(\$540.9)
Real Estate	\$108.0	\$275.6	\$383.6	(\$327.3)	\$1,369.1	\$1,041.8
Private Equity	\$80.0	\$581.1	\$661.1	(\$145.0)	\$1,156.8	\$1,011.8
Strategic Investments	\$105.0	\$246.8	\$351.8	\$1,463.6	\$693.0	\$2,156.6
Cash & Cash Equivalents	\$357.3	(\$7.4)	\$349.9	\$77.8	(\$59.8)	\$18.0
<b>Total</b>	<b>(\$1,539.1)</b>	<b>\$2,653.8</b>	<b>\$1,114.7</b>	<b>(\$6,145.1)</b>	<b>\$9,300.5</b>	<b>\$3,155.3</b>

<sup>1</sup> Based on available figures as of report time. Unless otherwise stated, all figures are in millions of dollars.

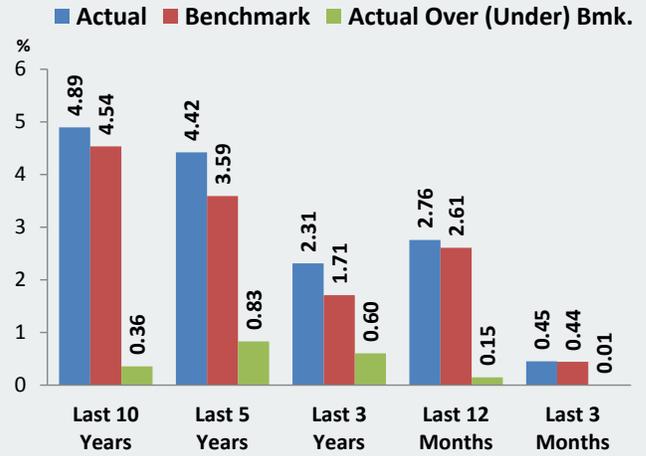
<sup>2</sup> For all asset classes other than Cash, these figures reflect only inter-asset class transfers. The figure for Cash includes flows external to the fund.

# FLORIDA RETIREMENT SYSTEM PENSION PLAN ASSET CLASS PERFORMANCE CHARTS

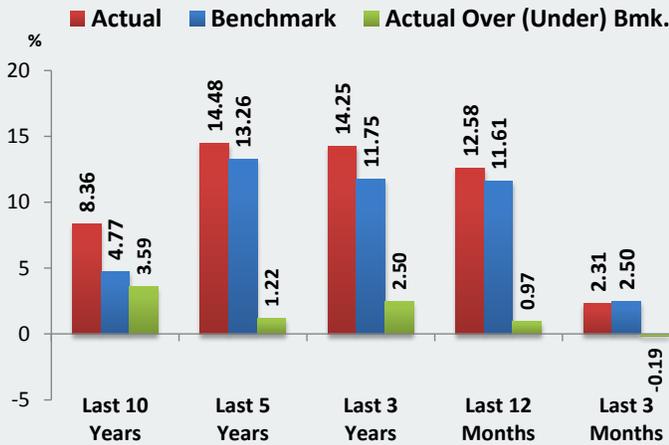
## GLOBAL EQUITY



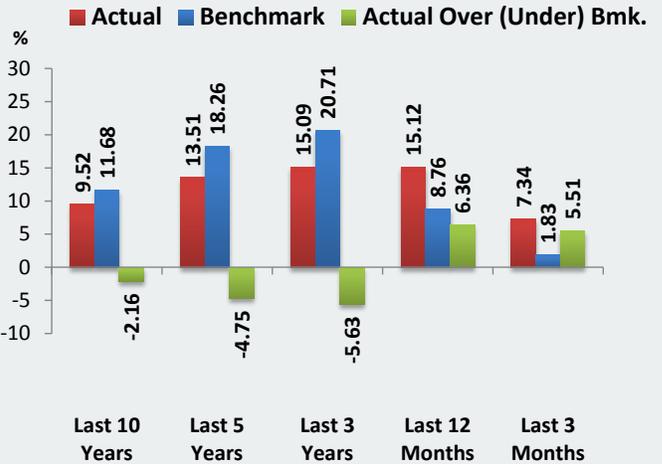
## FIXED INCOME



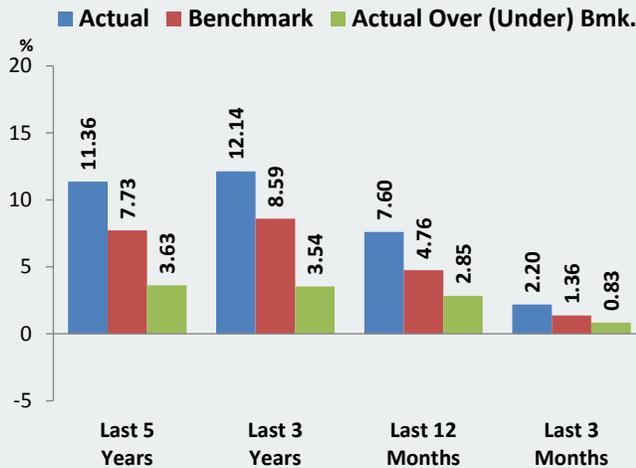
## REAL ESTATE



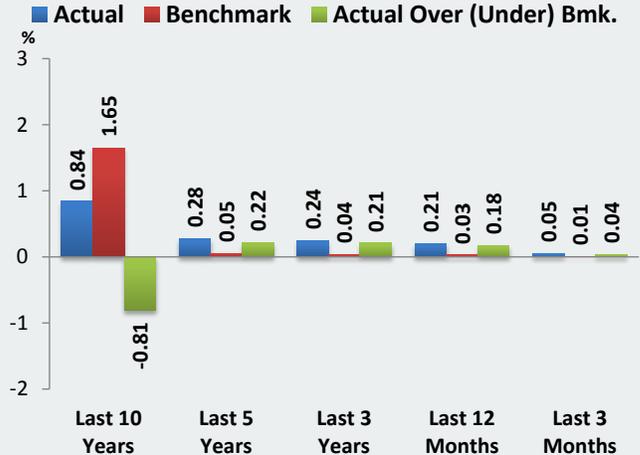
## PRIVATE EQUITY



## STRATEGIC INVESTMENTS

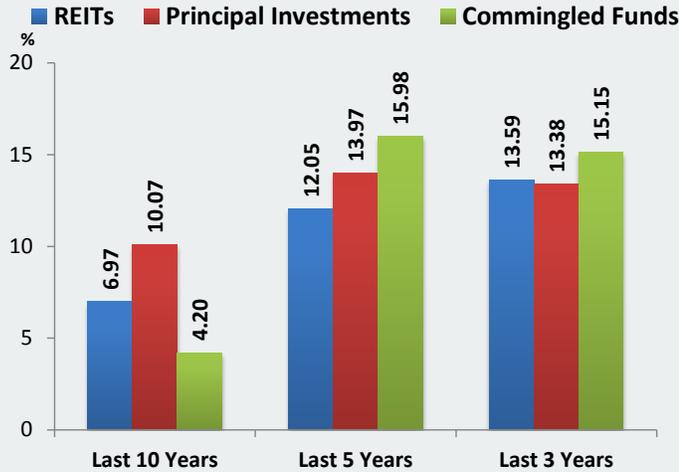


## CASH & CASH EQUIVALENTS



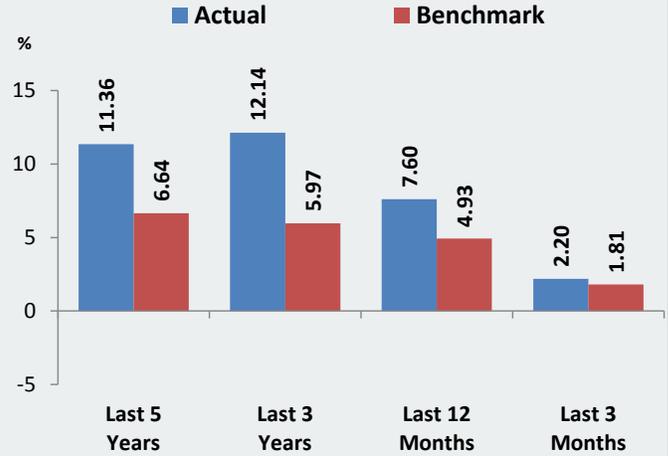
# FLORIDA RETIREMENT SYSTEM PENSION PLAN PRIVATE MARKET PERFORMANCE CHARTS

## REAL ESTATE PERFORMANCE BY INVESTMENT TYPE

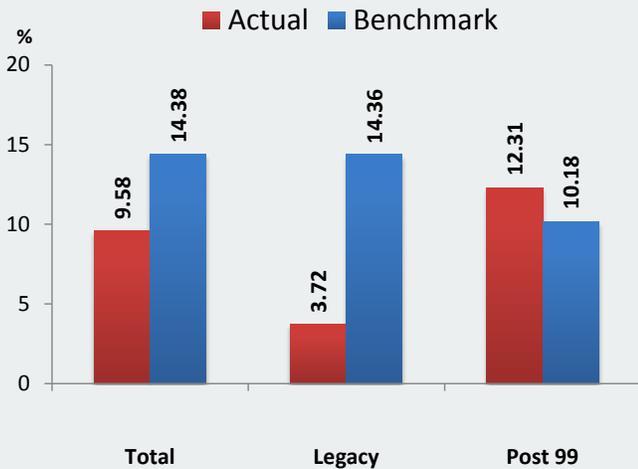


Private-market real estate valuations are subject to significant delays relative to the reporting period.

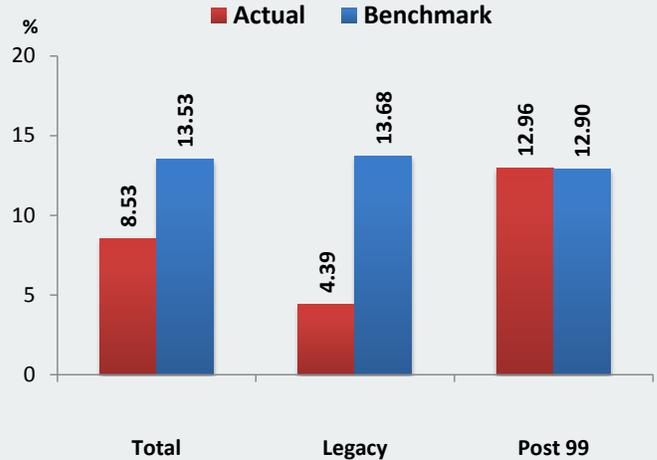
## STRATEGIC INVESTMENTS PERFORMANCE VS. LONG-TERM TARGET



## PRIVATE EQUITY TIME-WEIGHTED RETURN VS. SECONDARY BENCHMARK<sup>1</sup>



## PRIVATE EQUITY INTERNAL RATE OF RETURN VS. SECONDARY BENCHMARK<sup>1</sup>



<sup>1</sup> The results above are based on data through March 31, 2015. The secondary benchmark is a weighted average of Cambridge Associates' Private Equity and Venture Capital indexes.

Because of the long-term nature of investing in private equity, funds can produce low or negative returns in the early years of the partnership. In the first few years of the partnership, management fees are drawn from partners' capital, and portfolio companies are held at cost, leading to an understatement of ultimate value. Due to numerous factors, including the lack of standardized valuation and reporting standards, the return information for Private Equity in this report may not reflect the expected returns of the partnerships. The returns contained in this report are calculated by SBA's custodian, Bank of New York Mellon, and have not been reviewed by the general partners. Returns during early stages of the investment life cycle may not be meaningful or indicative of ultimate performance. Private Equity asset valuations are subject to significant delays relative to the reporting period.

# FLORIDA RETIREMENT SYSTEM PENSION PLAN

## TOTAL FUND & ASSET CLASS ACTIVE RISK

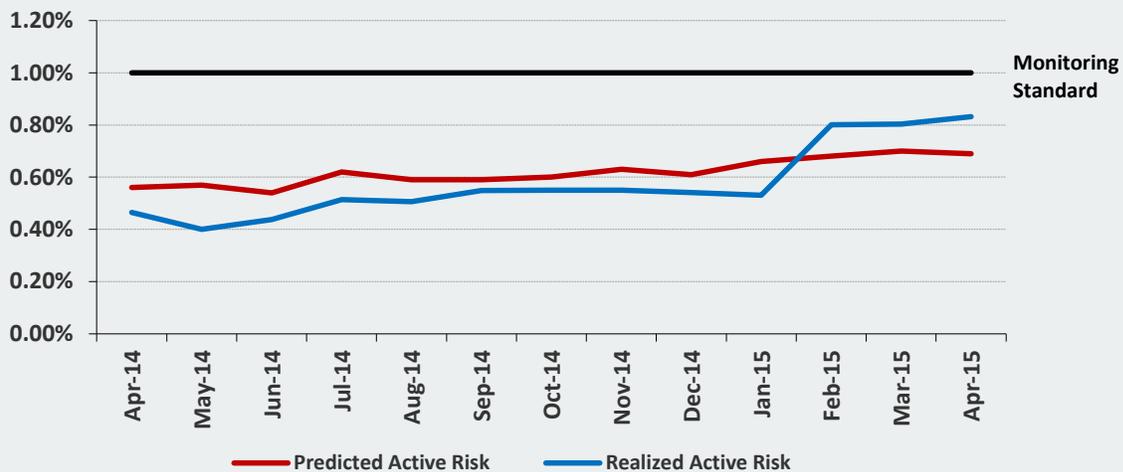
The SBA monitors aggregate active investment risks with respect to established standards.

Monthly active risk, reflected on both a predicted and realized basis in the chart below, measures the standard deviation of annualized actual returns over benchmark returns for the total plan. Similar computations are performed to measure active risk for each asset class.

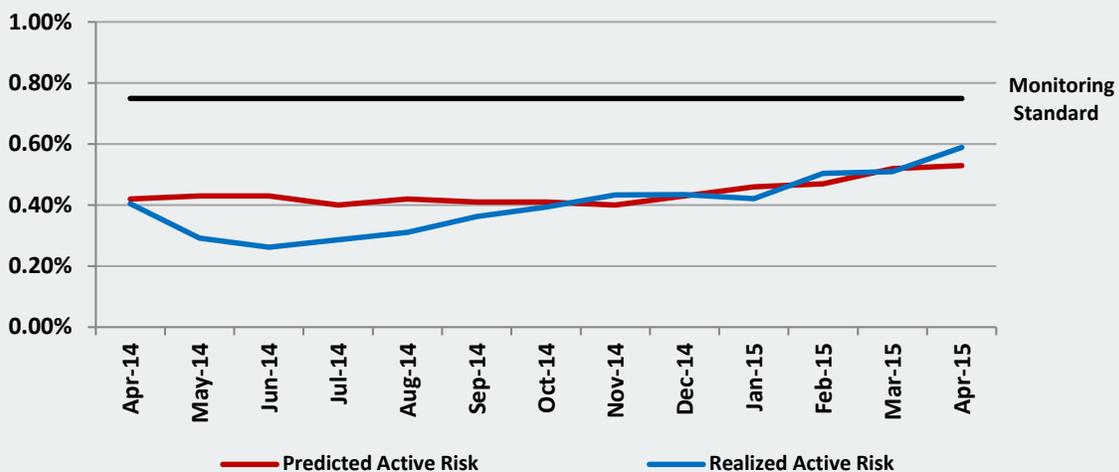
The SBA assigns an acceptable range of risk and measures Realized risk (blue bars in the charts) and Predicted risk (red bars in the charts) against set Monitoring Standards for the total fund and individual asset classes.

For the time periods presented in the charts, no intervention has been necessary.

### TOTAL FUND RISK

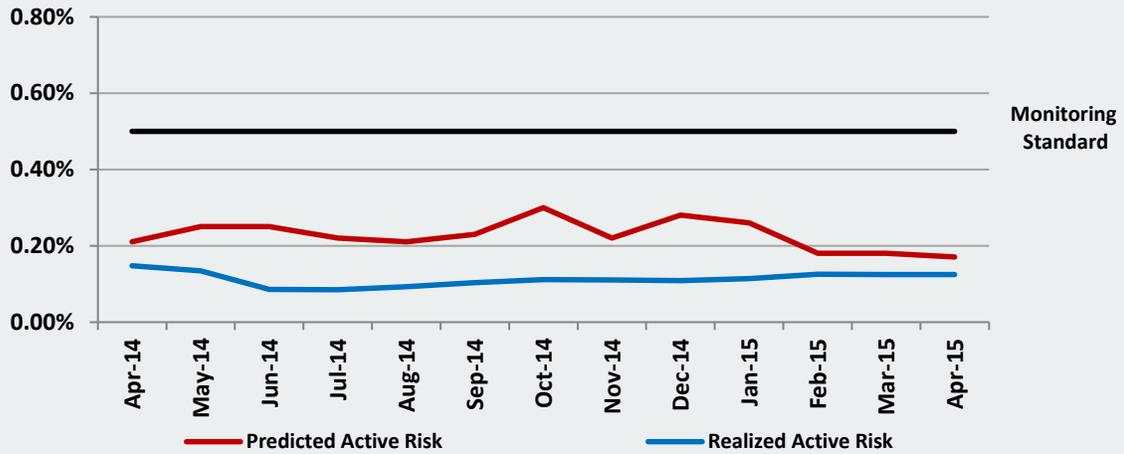


### GLOBAL EQUITY RISK

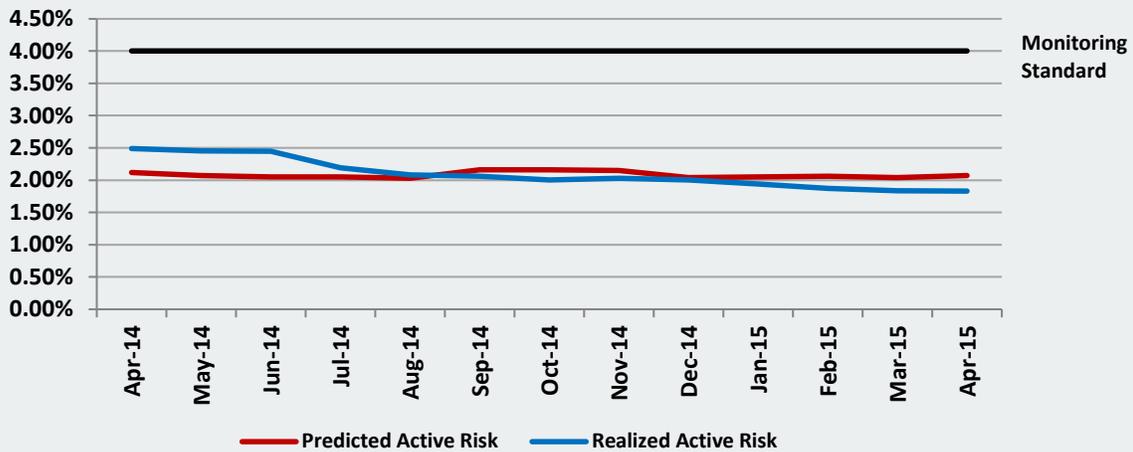


# FLORIDA RETIREMENT SYSTEM PENSION PLAN TOTAL FUND & ASSET CLASS ACTIVE RISK

## FIXED INCOME RISK

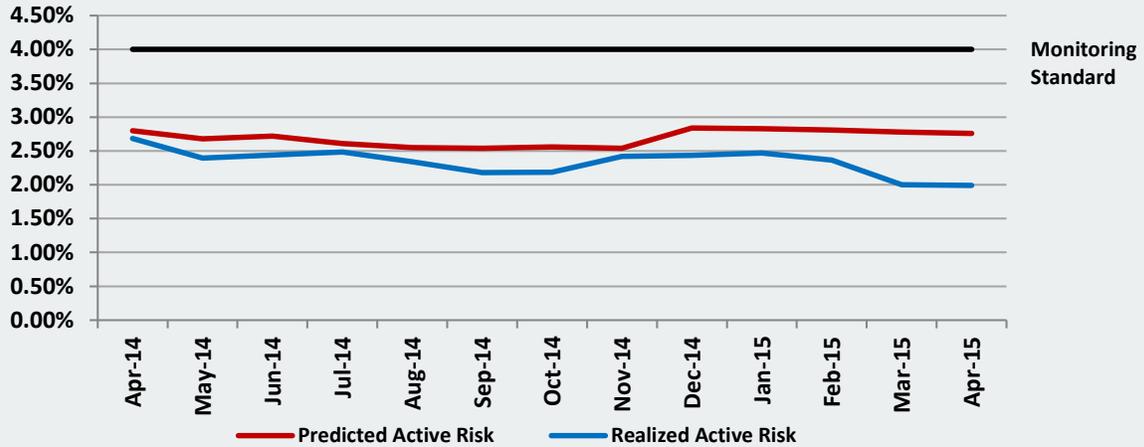


## REAL ESTATE RISK

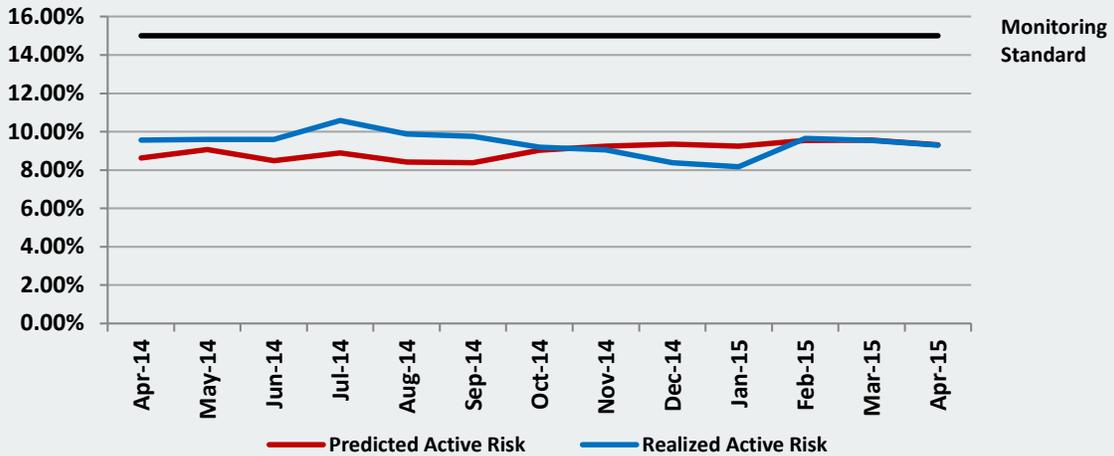


# FLORIDA RETIREMENT SYSTEM PENSION PLAN TOTAL FUND & ASSET CLASS ACTIVE RISK

## STRATEGIC INVESTMENTS RISK

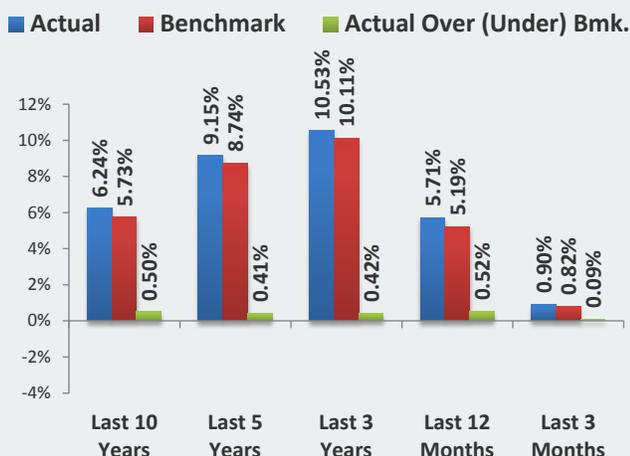


## PRIVATE EQUITY RISK

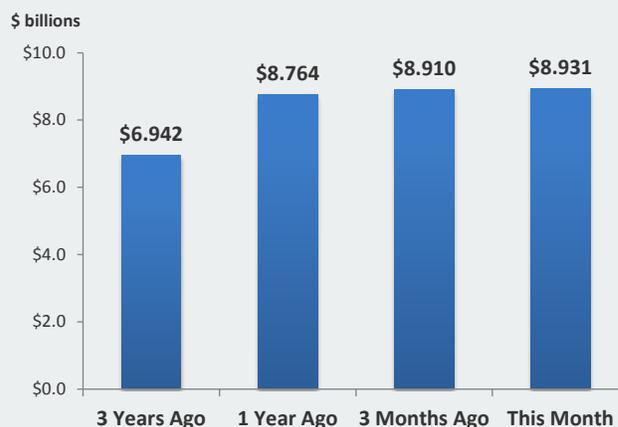


# FLORIDA RETIREMENT SYSTEM INVESTMENT PLAN

## TOTAL PLAN ACTUAL RETURNS, BENCHMARK RETURNS, AND VALUE ADDED



## TOTAL PLAN NET ASSET VALUES



Performance figures and total presented for the FRS Investment Plan do not include balances held in member Self Directed Brokerage Accounts, but they are reflected in total fund figures presented elsewhere in this report.

## FRS INVESTMENT PLAN ASSET ALLOCATION AND NET RETURNS BY ASSET TYPE

	PERCENT ALLOCATION	PAST 3 MONTHS			PAST 12 MONTHS		
		ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK	ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK
<b>TOTAL FRS Investment Plan</b>	<b>100.0%</b>	<b>0.90%</b>	<b>0.82%</b>	<b>0.09%</b>	<b>5.71%</b>	<b>5.19%</b>	<b>0.52%</b>
Domestic Equity	43.4%	0.94%	0.92%	0.02%	12.22%	11.45%	0.77%
Foreign Equity	20.0%	2.50%	2.03%	0.47%	1.17%	-0.03%	1.20%
Fixed Income	20.8%	0.13%	0.17%	-0.04%	2.67%	2.79%	-0.12%
Real Assets and TIPS	6.4%	-0.47%	-0.56%	0.09%	-2.67%	-0.47%	-2.20%
Money Market Funds	9.4%	0.05%	0.01%	0.04%	0.16%	0.03%	0.13%

Figures do not include Self Directed Brokerage Account holdings

## CASH FLOWS AND MARKET VALUES<sup>1</sup>

	Participant Selections	Contributions <sup>2</sup>	Distributions <sup>3</sup>	Transfers <sup>4</sup>	Investment Gain/Loss <sup>5</sup>	Change in Net Asset Value <sup>6</sup>	Market Value
Retirement Date Funds	131,033	\$53.9	-\$45.9	-\$14.6	-\$0.3	-\$6.9	\$4,015.8
Money Market	15,490	\$33.2	-\$38.7	\$17.2	-\$1.2	\$10.5	\$844.2
Real Assets and TIPS	9,482	\$0.7	-\$2.0	-\$0.1	-\$1.7	-\$3.2	\$121.8
Fixed Income	31,832	\$4.7	-\$9.1	-\$2.4	-\$0.7	-\$7.5	\$648.4
Domestic Equity	94,480	\$10.5	-\$20.0	-\$15.5	\$43.0	\$18.0	\$2,582.8
Foreign Equity	51,511	\$3.5	-\$5.5	\$6.8	-\$1.3	\$3.5	\$713.9
Self-Directed Brokerage Account	1,710	\$0.0	\$0.0	\$8.6	\$1.9	\$10.5	\$288.2

<sup>1</sup> Based on figures provided by the Investment Plan's third-party administrator as of report time. Dollar values are in millions.

<sup>2</sup> Contributions reflect rollovers in, employer and employee contributions, conversions in (Accumulated Benefit Obligation Transfers, true ups) and account adjustments.

<sup>3</sup> Distributions reflect withdrawals and terminations made by participants.

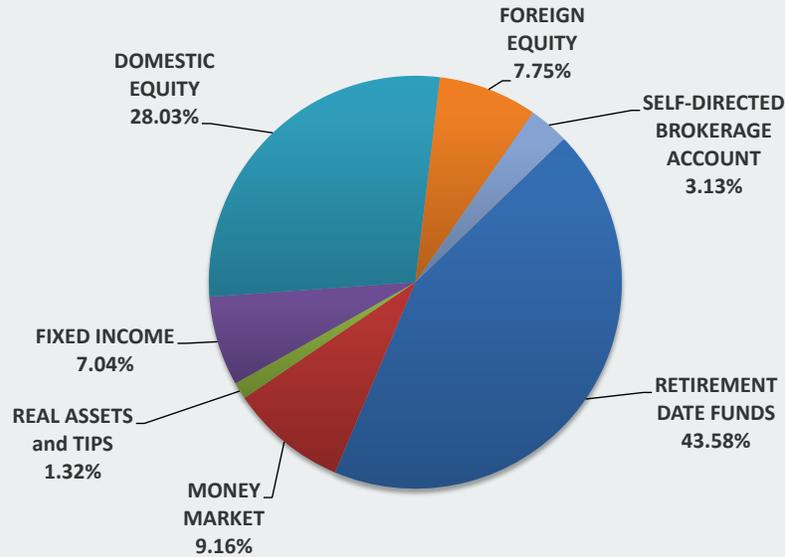
<sup>4</sup> Transfers reflect transactions that do not require funding and capture movement from one fund to another.

<sup>5</sup> Reflect the difference of Net Gains / Losses less contributions, distributions, and transfers.

<sup>6</sup> Reflect the appreciation / depreciation of unit price over the given time period.

# FLORIDA RETIREMENT SYSTEM INVESTMENT PLAN

## PARTICIPANT SELECTION DATA



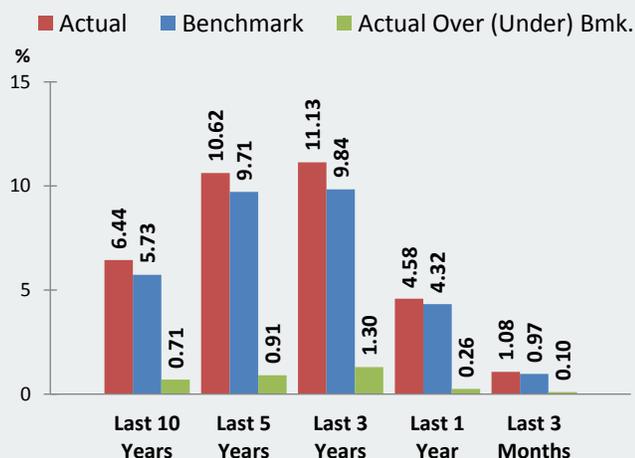
## FRS ELECTIONS

	New Employee				Second Elections							
	Defaults (Pension)		Pension Plan		Investment Plan/Hybrid		FY Totals	Pension Plan		Investment Plan/Hybrid		FY Totals
FY 09-10	21,501	55.5%	8,158	21.1%	9,071	23.4%	38,730	289	6.1%	4,420	93.9%	4,709
FY 10-11	21,049	52.6%	9,042	22.6%	9,960	24.9%	40,051	381	4.4%	8,330	95.6%	8,711
FY 11-12	20,064	52.8%	6,976	18.4%	10,937	28.8%	37,977	351	5.2%	6,443	94.8%	6,794
FY 12-13	26,105	57.6%	7,345	16.2%	11,895	26.2%	45,345	547	8.7%	5,741	91.3%	6,288
FY 13-14	30,400	58.6%	8,499	16.4%	13,025	25.1%	51,924	583	9.2%	5,721	90.8%	6,304
FY 14-15*	31,534	60.1%	8,445	16.1%	12,492	23.8%	52,471	587	11.4%	4,559	88.6%	5,146
<b>Total</b>	<b>150,653</b>	<b>56.5%</b>	<b>48,465</b>	<b>18.2%</b>	<b>67,380</b>	<b>25.3%</b>	<b>266,498</b>	<b>2,738</b>	<b>7.2%</b>	<b>35,214</b>	<b>92.8%</b>	<b>37,952</b>

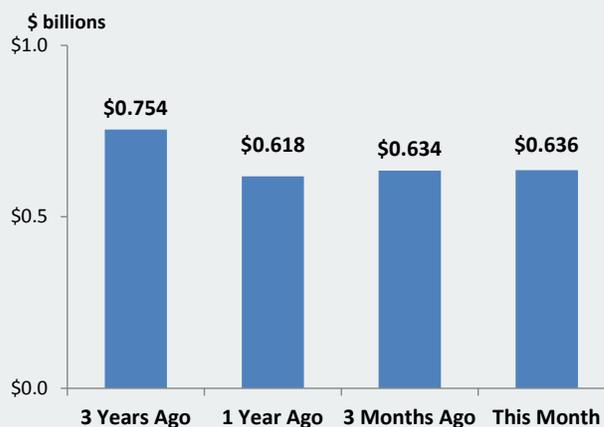
\* Fiscal Year percentages are as of month end, and may not foot due to rounding.

# LAWTON CHILES ENDOWMENT FUND

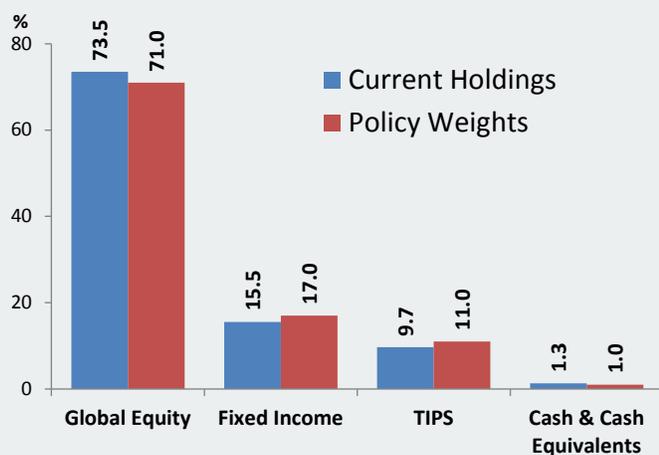
## ACTUAL RETURNS, BENCHMARK RETURNS, AND VALUE ADDED



## NET ASSET VALUE



## ASSET ALLOCATION



## MONTHLY MOVEMENT IN ASSET ALLOCATION

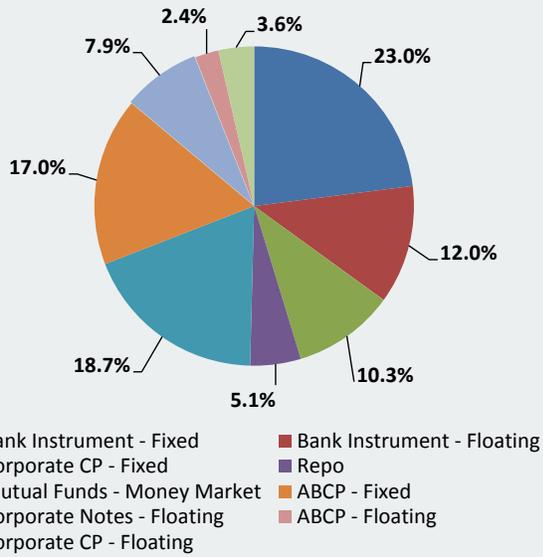
Asset Class	Policy Range		Actual Range	
	Low	High	Low	High
Global Equity	61.0%	81.0%	73.5%	74.2%
Fixed Income	12.0%	22.0%	15.1%	15.5%
TIPS	6.0%	16.0%	9.4%	9.7%
Cash & Cash Equivalents	0.0%	10.0%	1.3%	1.3%

## CHILES ENDOWMENT NET RETURNS BY ASSET CLASS

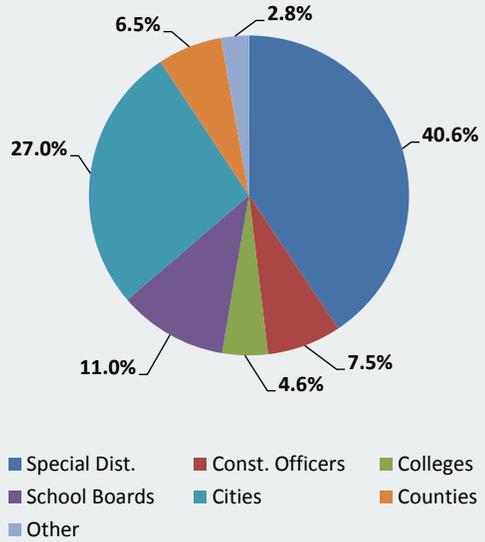
	PAST 3 MONTHS			PAST 12 MONTHS		
	ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK	ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK
<b>TOTAL LCEF</b>	<b>1.08%</b>	<b>0.97%</b>	<b>0.10%</b>	<b>4.58%</b>	<b>4.32%</b>	<b>0.26%</b>
Asset Allocation	1.01%	0.97%	0.04%	4.33%	4.32%	0.00%
Global Equity	1.56%	1.48%	0.07%	5.59%	5.33%	0.26%
Fixed Income	-0.16%	-0.14%	-0.02%	3.27%	3.03%	0.23%
TIPS	-0.49%	-0.56%	0.07%	-0.38%	-0.47%	0.09%
Cash & Cash Equivalents	0.05%	0.02%	0.03%	0.46%	0.05%	0.41%

# FLORIDA PRIME AND FUND B

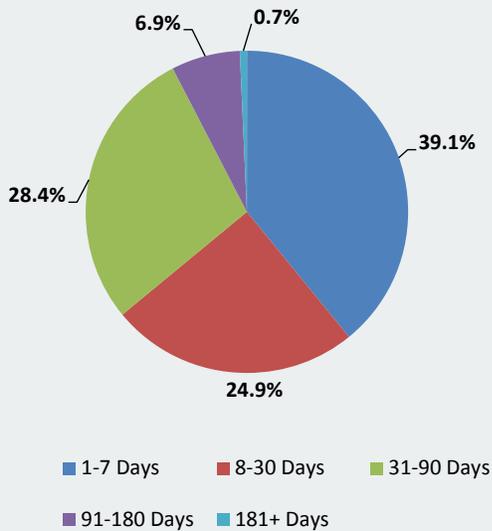
## PORTFOLIO COMPOSITION



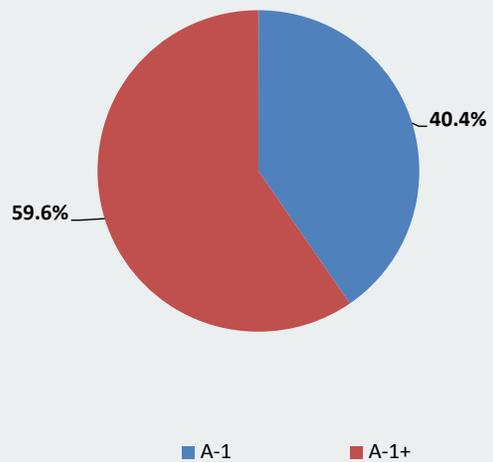
## PARTICIPANTS BY TYPE - 788 TOTAL



## EFFECTIVE MATURITY SCHEDULE

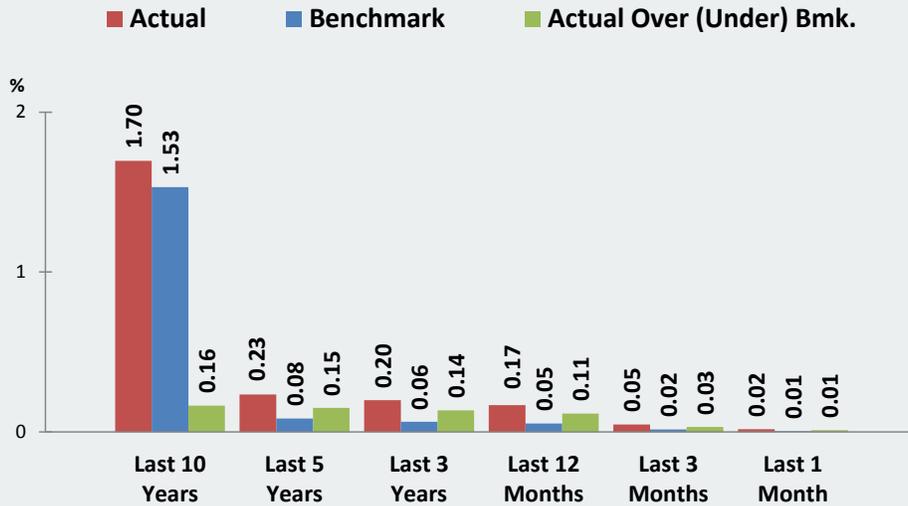


## CREDIT QUALITY



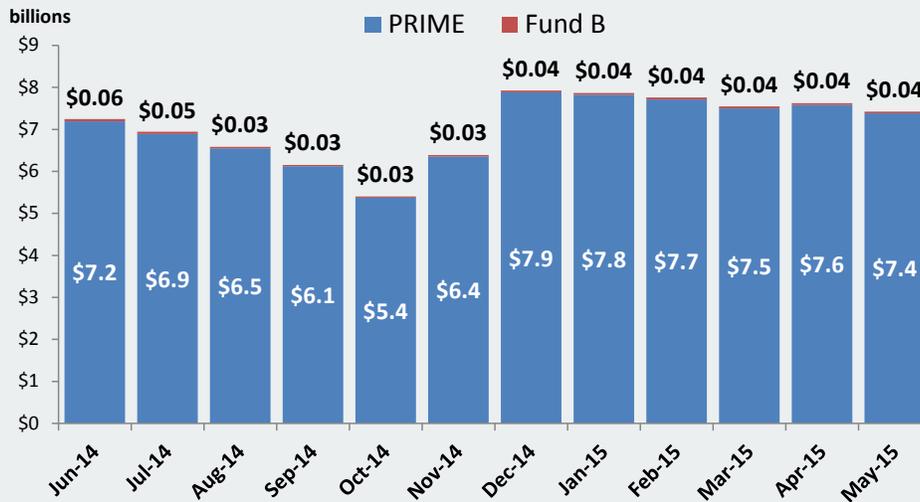
# FLORIDA PRIME AND FUND B

## FLORIDA PRIME YIELD\*, S&P GIP All 30-DAY NET YIELD AND VALUE ADDED



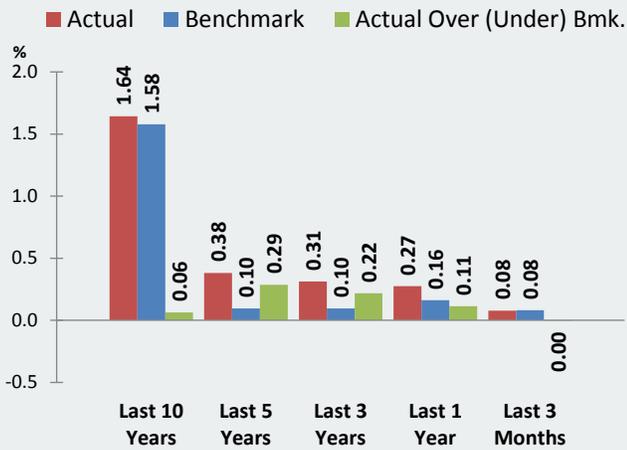
\* Return calculated pursuant to Chapter 19-7.011, Florida Administrative Code  
Returns less than 1-year are not annualized

## FLORIDA PRIME AND FUND B MARKET VALUES

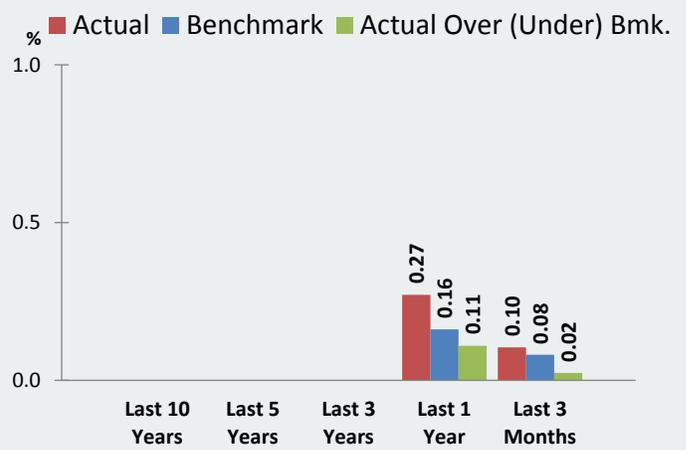


# FLORIDA HURRICANE CATASTROPHE FUND

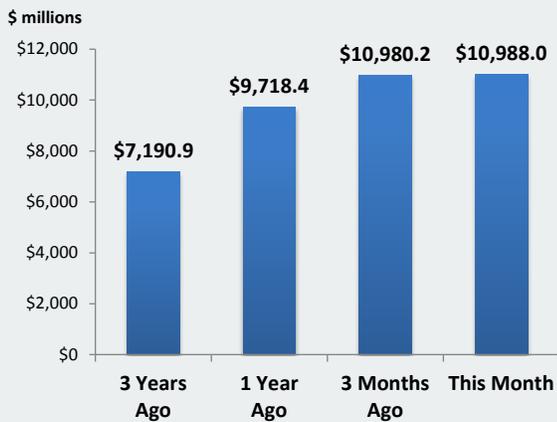
## OPERATING FUND ACTUAL RETURNS, BENCHMARK RETURNS, AND VALUE ADDED



## 2013A NOTE PROCEEDS ACTUAL RETURNS, BENCHMARK RETURNS, AND VALUE ADDED



## OPERATING FUND NET ASSET VALUES



## 2013A NOTE PROCEEDS NET ASSET VALUES



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