

State Board of Administration Performance Report to the Trustees

Performance Through April 30, 2015





STATE BOARD OF ADMINISTRATION OF FLORIDA

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RICK SCOTT GOVERNOR 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: June 17, 2015

SUBJECT: Performance Report to the Trustees

Please find attached the SBA's Performance Report to the Trustees for the month ending April 30, 2015. For the 12 months ending April 30, 2015, performance for the SBA's three multi-asset class mandates was as follows.

Athlewilliam

	Actual Return	Benchmark Return	Value Added
FRS Pension Plan	7.85%	6.95%	0.90%
FRS Investment Plan	6.87%	6.40%	0.47%
Lawton Chiles Endowment	6.51%	6.36%	0.15%

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

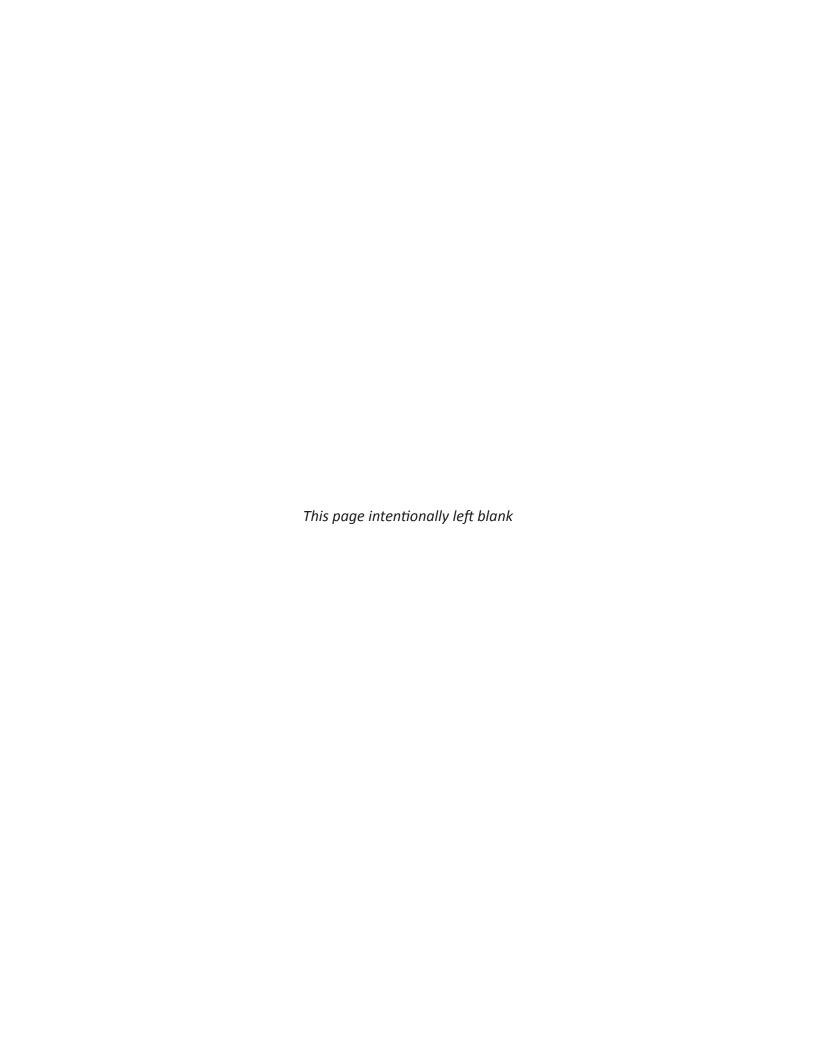
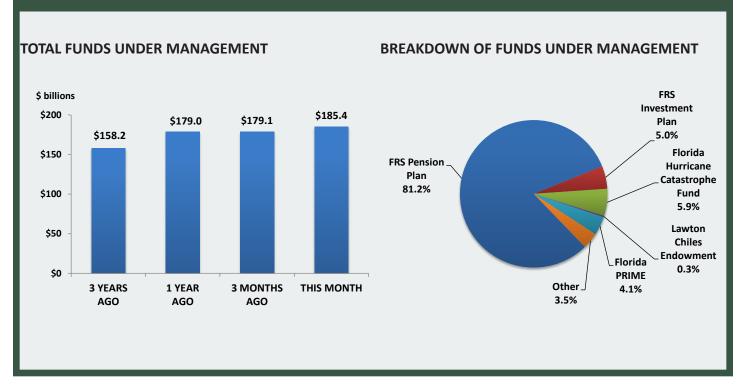


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SUMMARY OF MANDATES

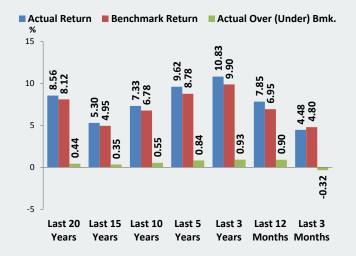


SUMMARY OF MANDATES

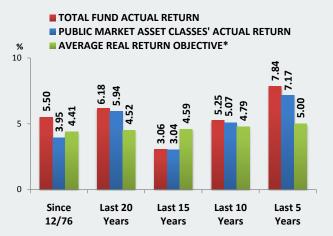
(INTHOUGANDS)	April 30, 2015 MARKET VALUE	March 31, 2015 MARKET VALUE
(IN THOUSANDS)	MARKEI VALUE	MARKET VALUE
FRS PENSION PLAN ASSET CLASSES		
GLOBAL EQUITY	\$88,777,806	\$87,428,959
FIXED INCOME	\$29,507,201	\$29,504,827
REAL ESTATE	\$12,354,303	\$11,970,814
PRIVATE EQUITY	\$8,660,685	\$8,453,950
STRATEGIC INVESTMENTS	\$10,015,273	\$9,965,737
CASH	\$1,158,652	\$1,171,637
TOTAL FRS PENSION PLAN	\$150,473,920	\$148,495,925
	4100/170/510	42 10/150/520
TOTAL FRS INVESTMENT PLAN	\$9,199,115	\$9,121,896
LAWTON CHILES ENDOWMENT FUND (IN THOUSANDS)		
LCEF ASSET CLASSES		
GLOBAL EQUITY	\$472,522	\$461,218
FIXED INCOME	\$98,947	\$99,236
TIPS	\$61,984	\$61,593
CASH	\$8,267	\$8,280
TOTAL LAWTON CHILES ENDOWMENT FUND	\$641,721	\$630,327
OTHER FUNDS (IN THOUSANDS)		
DEBT SERVICE NONESCROW	\$1,087,477	\$1,032,669
DEBT SERVICE ESCROW	\$1,990,091	\$1,472,015
GAS TAX	\$0	\$0
RETIREE HEALTH INSURANCE SUBSIDY	\$17,180	\$21,659
POLICE AND FIREFIGHTERS	\$156,944	\$113,923
FLORIDA ENDOWMENT FOR VOCATIONAL REHAB.	\$0	\$0
FLORIDA PRIME	\$7,581,781	\$7,502,429
Less Florida PRIME holdings in SBA funds	(\$313,687)	(\$275,189)
FUND B SURPLUS FUNDS TRUST FUND	\$43,227	\$43,225
DEPARTMENT OF THE LOTTERY	\$398,537	\$401,890
ISBA ADMINISTRATIVE EXPENSE	\$44,051	\$43,833
PEORP ADMINISTRATIVE TRUST FUND	• •	
	\$29,570	\$28,976
FLORIDA HURRICANE CATASTROPHE FUND	\$10,970,435	\$10,981,860
STATE BOARD OF ADMINISTRATION FINANCE CORPORATION	\$2,663,412	\$2,660,886
FLORIDA PREPAID COLLEGE PROGRAM	\$333,512	\$274,408
BOND PROCEEDS	\$5,170	\$9,555
ARBITRAGE COMPLIANCE	\$2,681	\$2,649
REVENUE BOND FEE	\$6,274	\$6,164
INLAND PROTECTION FINANCING CORPORATION	\$1	\$2
BLIND SERVICES	\$5,052	\$5,045
MCKNIGHT EDUCATION FUND	\$0	\$0
FSU RESEARCH FOUNDATION	\$0	\$0
ICB PROGRAM	\$1,867	\$5,307
BURNHAM INSTITUTE	\$1,496	\$18,258
TORREY PINES INSTITUTE	\$3,567	\$3,566
PINELLAS SUN COAST TRANSIT AUTHORITY	\$0	\$0
SRI INTERNATIONAL	\$116	\$116
UNIVERSITY OF MIAMI	\$20,908	\$20,904
MAX PLANCK	\$3,397	\$3,397
OREGON HEALTH AND SCIENCE	\$2,574	\$2,574
CHARLES STARK DRAPER LABORATORY	\$1,113	\$1,112
PAYING BANK RECALLS	\$0	\$0
OTHER FUNDS TOTAL	\$25,056,744	\$24,381,232
ALL FUNDS	\$185,371,500	\$182,629,380

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

TOTAL FUND ACTUAL RETURNS

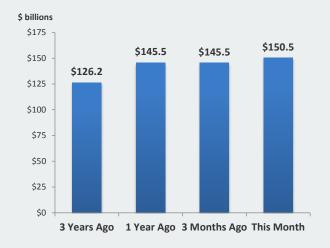


TOTAL FUND REAL RETURNS



^{*} 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



FLORIDA RETIREMENT SYSTEM PENSION PLAN ASSET CLASS BENCHMARKS & ALLOCATION

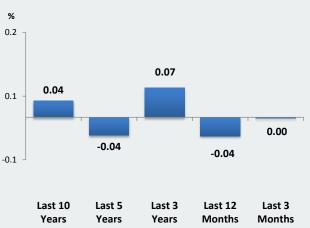
ASSET CLASS BENCHMARKS

Index
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
The Barclays Capital U.S. Intermediate Aggregate Index
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 – Openended 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%
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
A weighted-average of individual portfolio level benchmark returns
iMoneyNet First Tier Institutional Money Market Funds Net Index

CURRENT ASSET ALLOCATION VS TARGET

RETURNS TO ASSET ALLOCATION





ASSET ALLOCATION RANGES

	Policy Low	Policy High	Actual Low	Actual High
Global Equity	45.0%	70.0%	58.9%	59.6%
Fixed Income	10.0%	26.0%	19.4%	19.9%
Real Estate	4.0%	16.0%	7.9%	8.2%
Private Equity	2.0%	9.0%	5.5%	5.8%
Strategic Investments	0.0%	16.0%	6.6%	6.7%
Cash & Cash Equivalents	0.25%	5.0%	0.8%	1.2%

FLORIDA RETIREMENT SYSTEM PENSION PLAN ASSET CLASS CASH FLOWS AND RETURNS

CASH FLOWS AND INVESTMENT GAIN/LOSS

	PERFORMAN	ICE OVER LAST	Γ 3 MOS. CHANGE IN	PERFORMANCE OVER LAST 12 MOS. CHANGE IN			
ASSET CLASS ¹	TRANSFERS & CONTRIB. ²	RETURNS	NET ASSET VALUE	TRANSFERS & CONTRIB. ²	RETURNS	NET ASSET VALUE	
Global Equity	(\$1,781.4)	\$5,600.5	\$3,819.1	(\$5,434.9)	\$6,816.0	\$1,381.1	
Fixed Income	(\$1.0)	\$1.8	\$0.9	(\$1,340.0)	\$1,052.3	(\$287.6)	
Real Estate	\$149.0	\$321.8	\$470.8	(\$258.3)	\$1,448.2	\$1,189.9	
Private Equity	\$60.0	\$374.0	\$434.0	(\$85.0)	\$1,149.5	\$1,064.5	
Strategic Investments	\$265.0	\$212.4	\$477.4	\$1,472.1	\$697.2	\$2,169.3	
Cash & Cash Equivalents	(\$197.5)	(\$5.4)	(\$202.9)	(\$441.7)	(\$55.3)	(\$497.0)	
Total	(\$1,505.9)	\$6,505.2	\$4,999.3	(\$6,087.9)	\$11,108.0	\$5,020.1	

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

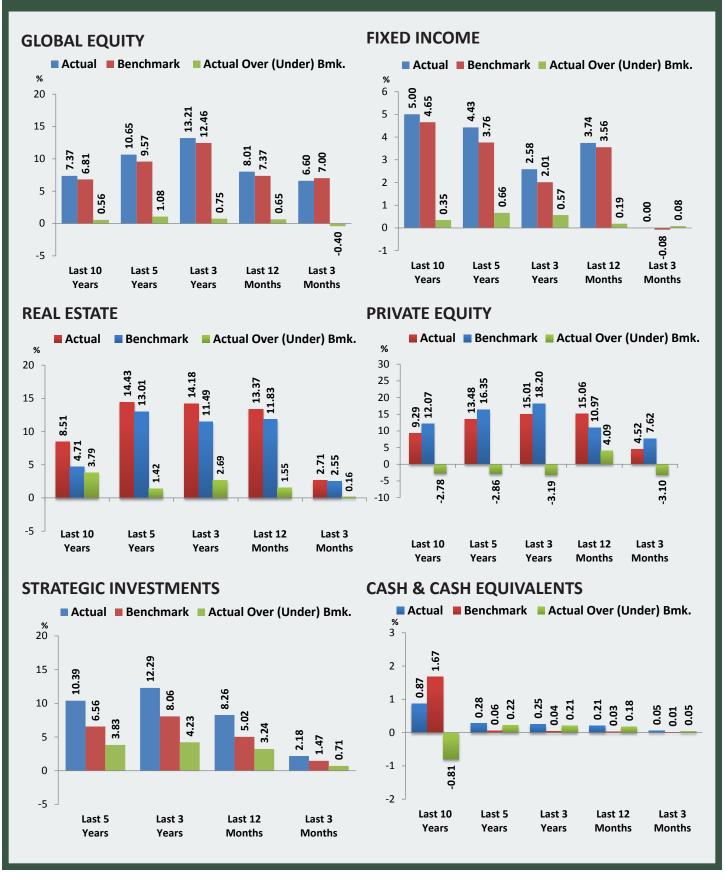
RETURNS BY ASSET CLASS

	F	PAST 3 MONTHS		PAST 12 MONTHS			
	ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK	ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK	
TOTAL FRS Pension Plan*	4.48%	4.80%	-0.32%	7.85%	6.95%	0.90%	
Asset Allocation	4.80%	4.80%	0.00%	6.90%	6.95%	-0.04%	
Global Equity	6.60%	7.00%	-0.40%	8.01%	7.37%	0.65%	
Fixed Income	0.00%	-0.08%	0.08%	3.74%	3.56%	0.19%	

^{*} Includes returns of private market asset classes and cash in addition to listed asset classes. Strategic Investments, Private Equity and Real Estate includes assets whose valuations are subject to significant delays relative to the reporting period.

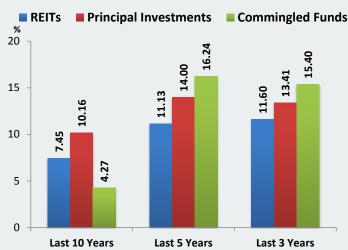
^{2.} For all asset classes other than Cash, these figures reflect only inter-asset class transfers. The figure for Cash includes flows external to the fund.

FLORIDA RETIREMENT SYSTEM PENSION PLAN ASSET CLASS PERFORMANCE CHARTS



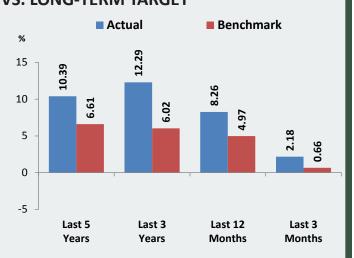
FLORIDA RETIREMENT SYSTEM PENSION PLAN PRIVATE MARKET PERFORMANCE CHARTS

REAL ESTATE PERFORMANCE BY INVESTMENT TYPE



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

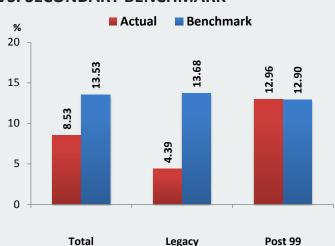
STRATEGIC INVESTMENTS PERFORMANCE VS. LONG-TERM TARGET



PRIVATE EQUITY TIME-WEIGHTED RETURN VS. SECONDARY BENCHMARK¹



PRIVATE EQUITY INTERNAL RATE OF RETURN VS. SECONDARY BENCHMARK¹



¹The results above are based on data through March 31, 2014. 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.

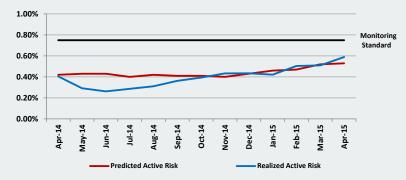
The SBA assigns an acceptable range of risk and measures Realized risk (blue bars in the charts) and Predicted risk (red bars in the charts) against set Monitoring Standards for the total fund and individual asset classes.

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

TOTAL FUND RISK

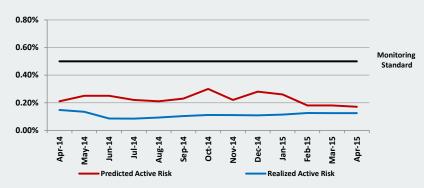


GLOBAL EQUITY RISK

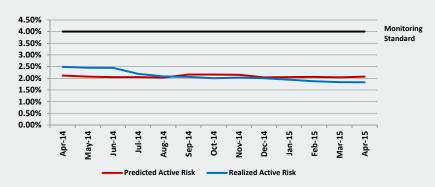


FLORIDA RETIREMENT SYSTEM PENSION PLAN TOTAL FUND & ASSET CLASS ACTIVE RISK

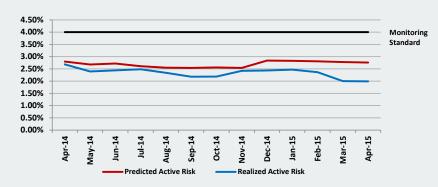
FIXED INCOME RISK



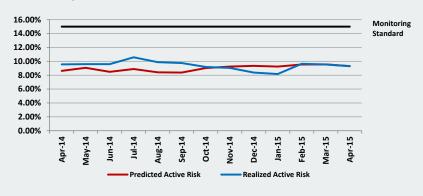
REAL ESTATE RISK



STRATEGIC INVESTMENTS RISK



PRIVATE EQUITY RISK

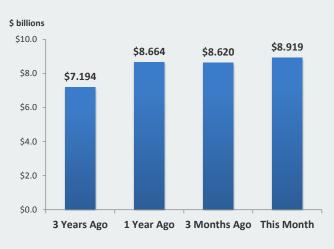


FLORIDA RETIREMENT SYSTEM INVESTMENT PLAN

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 this report.

FRS INVESTMENT PLAN ASSET ALLOCATION AND NET RETURNS BY ASSET TYPE

		P	PAST 3 MONTHS		PAST 12 MONTHS			
	PERCENT ALLOCATION	ACTUAL	BENCHMA RK	A CTUA L MINUS BENCHMA RK	ACTUAL	BENCHMA RK	ACTUAL MINUS BENCHMARK	
TOTAL FRS Investment Plan	100.0%	4.01%	3.98%	0.03%	6.87%	6.40%	0.47%	
Domestic Equity	43.0%	5.19%	5.10%	0.09%	12.73%	12.01%	0.72%	
Foreign Equity	20.2%	8.81%	8.77%	0.03%	3.80%	2.84%	0.96%	
Fixed Income	20.9%	0.08%	0.04%	0.04%	3.91%	4.00%	-0.08%	
Real Assets and TIPS	6.5%	1.34%	-0.95%	2.29%	0.59%	2.48%	-1.90%	
Money Market Funds	9.4%	0.04%	0.01%	0.04%	0.15%	0.03%	0.13%	

Figures do not include Self Directed Brokerage Account holdings

CASH FLOWS AND MARKET VALUES¹

	Participant Selections	Contributions ²	Distributions ³	Transfers ⁴	Investment Gain/Loss ⁵	Change in Net Asset Value	Market Value
Retirement Date Funds	130,436	\$52.8	-\$40.9	-\$7.5	\$64.8	\$69.1	\$4,022.7
Money Market	15,481	\$27.0	-\$41.1	\$5.6	\$0.1	-\$8.3	\$833.7
Real Assets and TIPS	9,534	\$0.6	-\$1.1	-\$0.7	\$2.4	\$1.3	\$124.9
Fixed Income	31,810	\$2.8	-\$5.2	\$0.5	-\$0.4	-\$2.2	\$655.9
Domestic Equity	94,344	\$14.8	-\$14.6	-\$15.9	-\$10.7	-\$26.4	\$2,564.8
Foreign Equity	51,146	\$3.5	-\$4.0	\$5.3	\$23.8	\$28.5	\$710.4
Self-Directed Brokerage Account	1,667	\$0.0	\$0.0	\$12.7	\$0.6	\$13.3	\$277.7

 $^{^{1}}$ Based on figures provided by the Investment Plan's third-party administrator as of report time. Dollar values are in millions.

Reflect the appreciation / depreciation of unit price over the given time period.

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

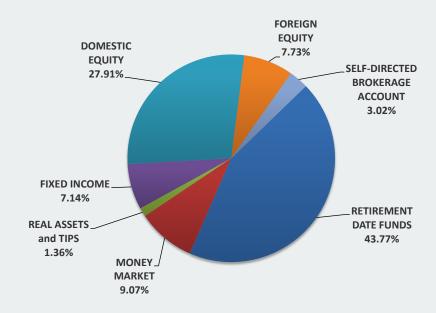
³ Distributions reflect withdrawals and terminations made by participants.

Transfers reflect transactions that do not require funding and capture movement from one fund to another.

 $^{^{\}rm 5}$ Reflect the difference of Net Gains / Losses less contributions, distributions, and transfers.

FLORIDA RETIREMENT SYSTEM INVESTMENT PLAN

PARTICIPANT SELECTION DATA



FRS ELECTIONS

	New Empl	loyee		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*	29,106	60.0%	7,794	16.1%	11,629	24.0%	48,529	534	11.8%	3,974	88.2%	4,508
Total	148,225	56.5%	47,814	18.2%	66,517	25.3%	262,556	2,685	7.2%	34,629	92.8%	37,314

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

LAWTON CHILES ENDOWMENT FUND

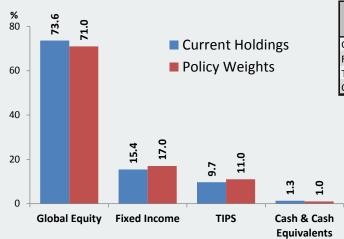
ACTUAL RETURNS, BENCHMARK RETURNS, AND VALUE ADDED



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%	73.1%	73.9%	
Fixed Income	12.0%	22.0%	15.3%	15.8%	
TIPS	6.0%	16.0%	9.6%	9.8%	
Cash & Cash Equivalents	0.0%	10.0%	1.3%	1.3%	

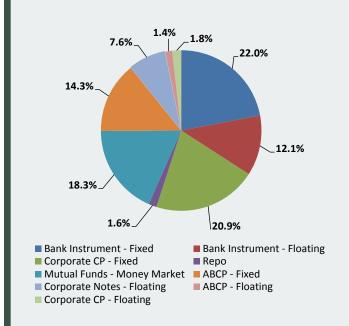
CHILES ENDOWMENT NET RETURNS BY ASSET CLASS

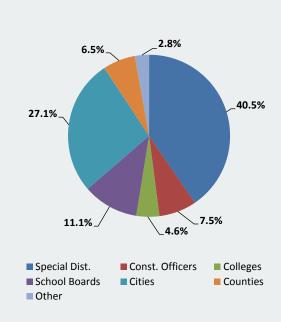
	ı	PAST 3 MONTH	S	PAST 12 MONTHS			
	ACTUAL	ACTUAL TUAL BENCHMARK MINUS BENCHMARK			ACTUAL BENCHMARK		
TOTAL LCEF	4.95%	4.79%	0.16%	6.51%	6.36%	0.15%	
Asset Allocation	4.89%	4.79%	0.10%	6.34%	6.36%	-0.02%	
Global Equity	7.20%	7.11%	0.09%	7.56%	7.40%	0.16%	
Fixed Income	-0.78%	-0.84%	0.06%	4.74%	4.46%	0.28%	
TIPS	-1.05%	-0.95%	-0.10%	2.47%	2.48%	-0.02%	
Cash & Cash Equivalents	0.05%	0.01%	0.03%	0.46%	0.05%	0.41%	

FLORIDA PRIME AND FUND B

PORTFOLIO COMPOSITION

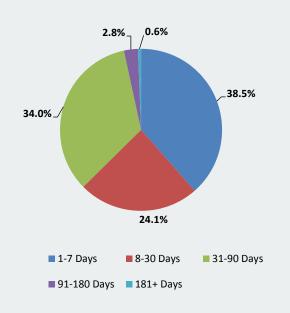
PARTICIPANTS BY TYPE - 786 TOTAL

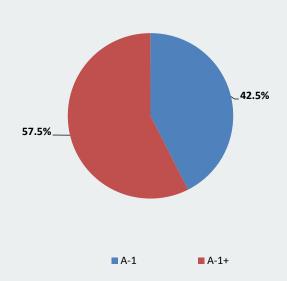




EFFECTIVE MATURITY SCHEDULE

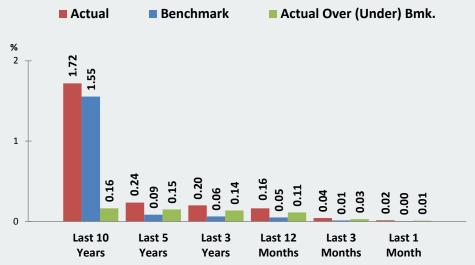
CREDIT QUALITY





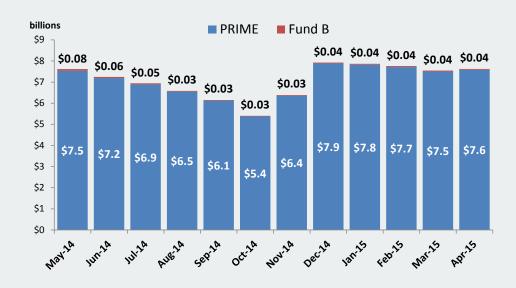
FLORIDA PRIME AND FUND B

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

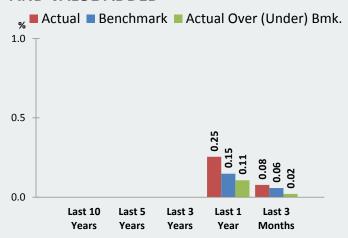


FLORIDA HURRICANE CATASTROPHE FUND

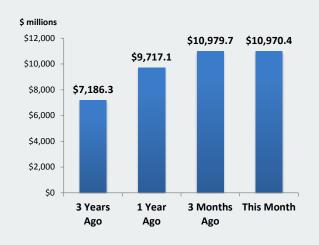
OPERATING FUND ACTUAL RETURNS, BENCHMARK RETURNS, ACTUAL RETURNS, BENCHMARK RETURNS, AND VALUE ADDED



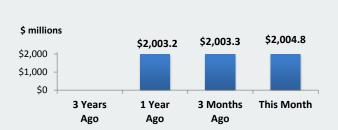
2013A NOTE PROCEEDS AND VALUE ADDED



OPERATING FUND NET ASSET VALUES



2013A NOTE PROCEEDS NET ASSET VALUES



State Board of Administration 1801 Hermitage Boulevard, Suite 100 Tallahassee, Florida 32308 (850) 488-4406 www.sbafla.com