



State Board of Administration Performance Report to the Trustees

Performance Through May 31, 2016

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STATE BOARD OF ADMINISTRATION
OF FLORIDA

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CHIEF FINANCIAL OFFICER

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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, 2016

SUBJECT: Performance Report to the Trustees for the Month Ending May 31, 2016

Please find attached the SBA's Performance Report to the Trustees for the month ending May 31, 2016. For the fiscal-year to-date as of May 31 2016, performance for the SBA's three multi-asset class mandates was as follows.

	Actual Return	Benchmark Return	Value Added
FRS Pension Plan	0.67%	(0.05%)	0.72%
FRS Investment Plan	(0.81%)	(0.54%)	(0.27%)
Lawton Chiles Endowment	(1.57%)	(1.28%)	(0.30%)

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 month ending May 31, 2016, 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

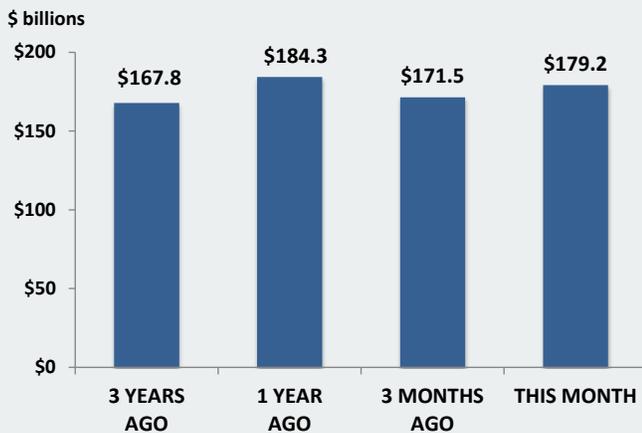
cc: IAC Members
Kristin Olson
Jeff Woodburn
Amanda Carey
Michelle Winokur
Robert Tornillo
Stephanie Leeds
Rob Johnson
Andrew Fay

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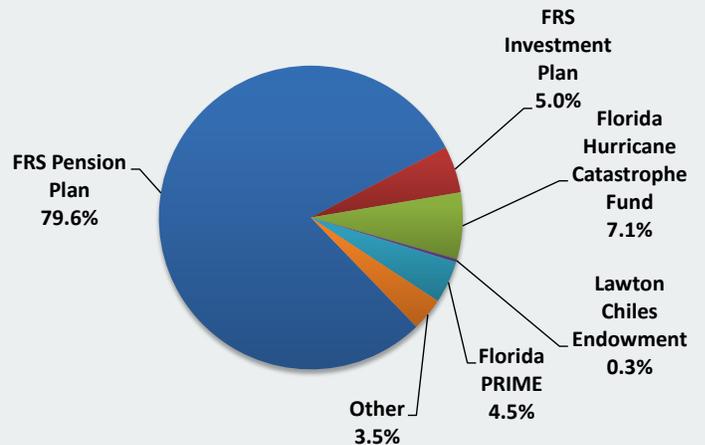
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SUMMARY OF MANDATES

TOTAL FUNDS UNDER MANAGEMENT



BREAKDOWN OF FUNDS UNDER MANAGEMENT



SUMMARY OF MANDATES

Fund Name	COST ¹	MARKET ¹
Florida Retirement System Defined Benefit Pension Plan	\$122,385,514,356.26	\$142,616,865,467.49
Florida Retirement System Investment Plan	7,483,632,297.93	8,910,743,474.98
Lawton Chiles Endowment Fund ³	578,241,292.10	615,852,048.14
Debt Service Funds:		
Outstanding (non-escrow)	1,288,914,467.85	1,290,470,785.53
Refunded (escrow)	1,043,989,083.66	1,043,989,083.66
Gas Tax Clearing Fund	0.00	0.00
Florida PRIME	8,056,407,852.03	8,057,477,974.19
Less Florida PRIME holdings in SBA funds ²	(408,122,371.19)	(408,122,371.19)
Fund B Surplus Funds Trust Fund	0.00	0.00
Florida Hurricane Catastrophe	12,693,654,795.68	12,698,024,265.27
State Board of Administration Finance Corporation	3,302,465,792.17	3,302,918,706.42
Florida Lottery ³	169,187,789.94	336,672,602.79
Retiree Health Insurance Subsidy ³	65,043,348.37	65,043,348.37
Police and Fire Fighters' Premium Tax Trust Fund ³	205,793,304.74	205,793,304.74
Florida Prepaid College Plan Administration Expense ³	1,635,742.38	1,635,742.38
Florida Prepaid College Plan Trust Account ³	1,408,870.90	1,408,870.90
Florida Prepaid College Plan QMA Account	300,531,581.41	313,555,171.35
Florida College Investment Plan Administration Expense ³	140,859.89	140,859.89
Florida College Investment Plan QMA Account	40,547,815.05	45,559,558.08
Florida College Investment Plan ³	22,670,958.39	22,670,958.39
Florida ABLE Program Trust Fund ³	2,264,374.14	2,264,374.14
SBA Administrative Expense Fund:		
SBA Administrative Expense ³	47,101,505.55	47,101,505.55
SBA Defined Contribution Administrative Expense ³	21,102,244.55	21,102,244.55
Division of Bond Finance:		
Revenue Bond Fee ³	6,077,260.53	6,077,260.53
Arbitrage Compliance ³	2,690,094.47	2,690,094.47
Bond Proceeds	4,833,700.00	4,834,112.15
Office of Tourism, Trade, and Economic Development:		
Burnham Institute for Medical Research, Inc.	1,497,107.20	1,497,107.20
Torrey Pines Institute for Molecular Studies, Inc.	3,574,814.70	3,574,814.70
SRI International	116,101.58	116,101.58
University of Miami ³	20,991,972.78	20,991,972.78
Oregon Health and Science University	0.00	0.00
Charles Stark Draper Laboratory, Inc.	0.00	0.00
Florida Division of Blind Services	3,311,379.16	5,158,479.63
Insurance Capital Build-up Program ³	1,790,116.23	1,790,116.23
Inland Protection Finance Corporation ³	1,469.07	1,469.07
Paying Bank Recalls	0.00	0.00
Total - All SBA Funds	\$157,347,009,977.52	\$179,237,899,503.96

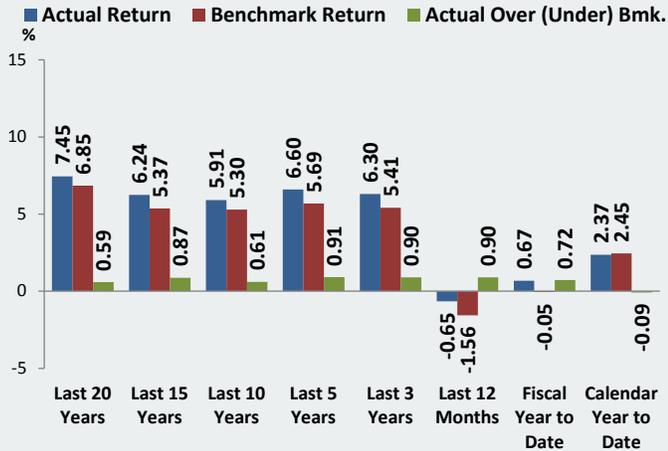
1 The "Cost" and "Market" columns generally include cash, investment securities, accrued income, pending trades, and the total unrealized gain or loss on invested securities lending cash collateral (if applicable). They do not include security lending income receivable, manager fees payable, and also may not include other receivables or payables that are unique to individual portfolios or funds.

2 The line titled "Less Florida PRIME Holdings in SBA Funds" includes the total investments in Florida PRIME held by other SBA managed funds that are already included on this report. In order to prevent double counting, these amounts are shown as a reduction to the Florida PRIME fund.

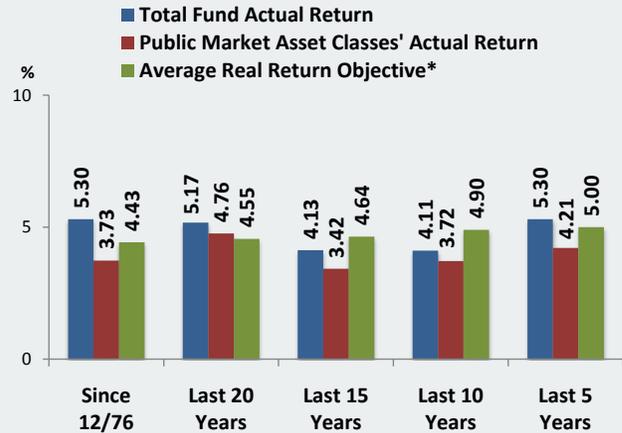
3 Fund is invested completely, or partially, in Florida PRIME.

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

TOTAL FUND PERFORMANCE

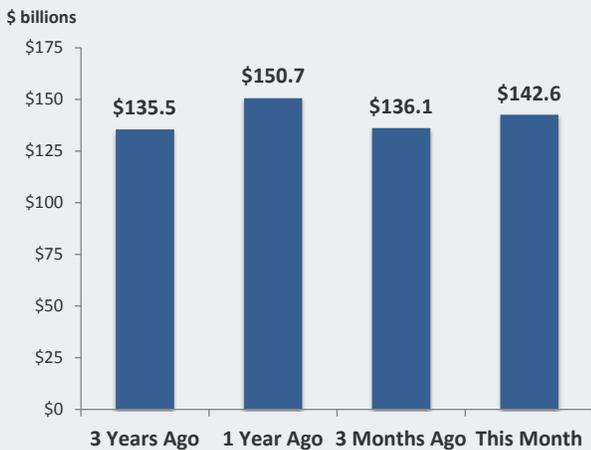


REAL RETURNS (RETURNS NET OF INFLATION)

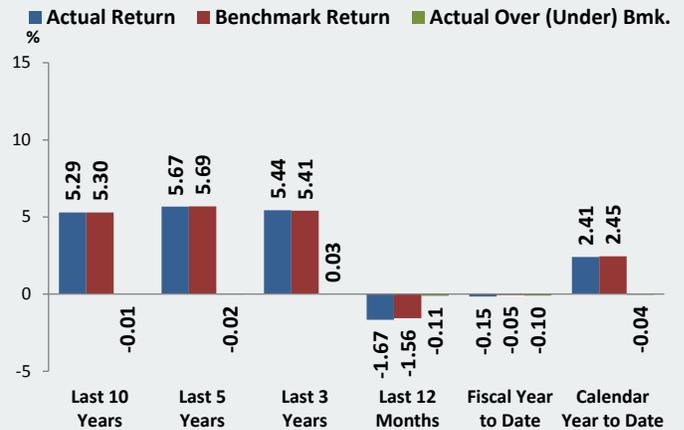


* The FRS's real return objective was 4.3% prior to June 2003, and 4% from June 2003 to May 2007. It has been 5% since June 1, 2007.

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	56.5%	53.0%	45.0%	70.0%	55.8%	56.6%
Fixed Income	18.5%	18.0%	10.0%	26.0%	18.4%	18.7%
Real Estate	9.2%	10.0%	4.0%	16.0%	9.2%	9.5%
Private Equity	6.4%	6.0%	2.0%	9.0%	6.3%	6.5%
Strategic Investments	8.1%	12.0%	0.0%	16.0%	7.9%	8.1%
Cash & Cash Equivalents	1.3%	1.0%	0.25%	5.0%	1.3%	1.7%

CASH FLOWS AND INVESTMENT GAIN/LOSS

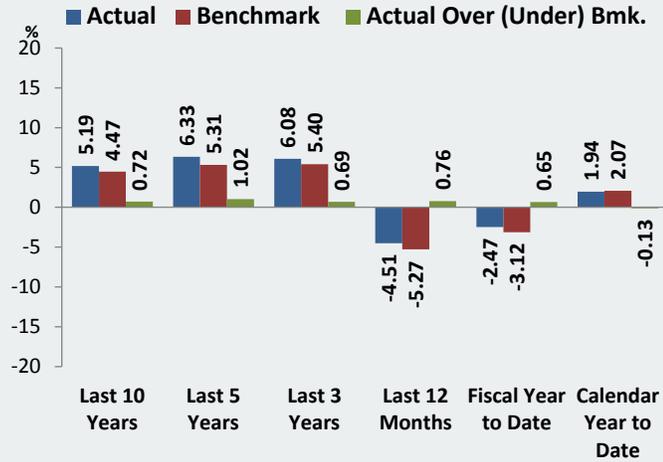
ASSET CLASS ¹	PERFORMANCE OVER LAST 3 MOS.			PERFORMANCE OVER LAST 12 MOS.		
	TRANSFERS & CONTRIB. ²	RETURNS	CHANGE IN NET ASSET VALUE	TRANSFERS & CONTRIB. ²	RETURNS	CHANGE IN NET ASSET VALUE
Global Equity	(\$2,079.1)	\$6,940.8	\$4,861.7	(\$4,793.8)	(\$2,876.4)	(\$7,670.2)
Fixed Income	(\$521.5)	\$263.5	(\$258.0)	(\$5,291.5)	\$2,171.9	(\$3,119.6)
Real Estate	(\$391.0)	\$423.3	\$32.3	(\$659.0)	\$1,479.6	\$820.6
Private Equity	\$220.0	\$218.6	\$438.6	(\$315.0)	\$547.8	\$232.8
Strategic Investments	\$75.0	\$252.8	\$327.8	\$1,170.0	\$179.0	\$1,349.0
Cash & Cash Equivalents	\$1,079.8	(\$12.8)	\$1,067.0	\$446.3	(\$95.6)	\$350.7
Total	(\$1,616.7)	\$8,086.3	\$6,469.5	(\$9,442.9)	\$1,406.3	(\$8,036.6)

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

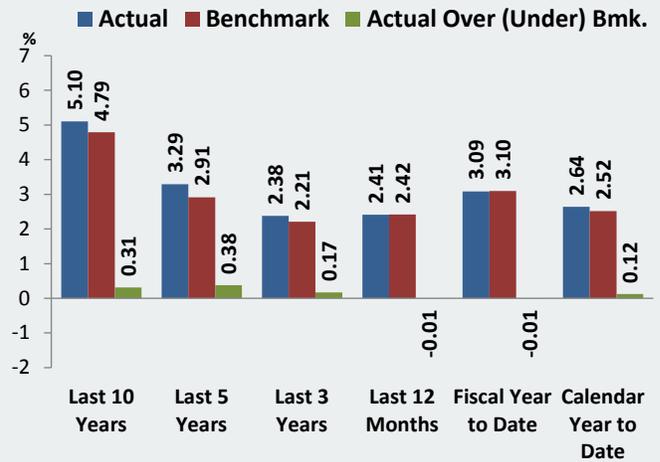
² For all asset classes other than Cash, these figures reflect only inter-asset class transfers. The figure for Cash includes flows external to the fund.

FLORIDA RETIREMENT SYSTEM PENSION PLAN ASSET CLASS PERFORMANCE CHARTS

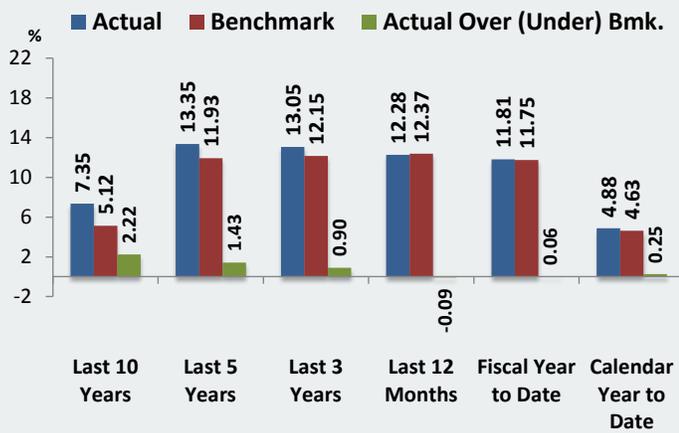
GLOBAL EQUITY PERFORMANCE



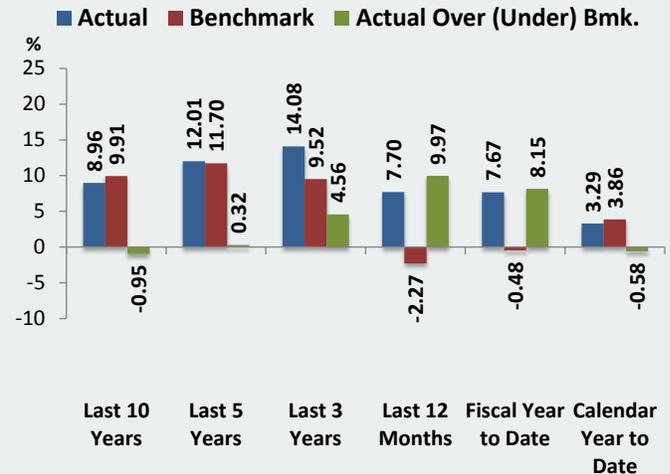
FIXED INCOME PERFORMANCE



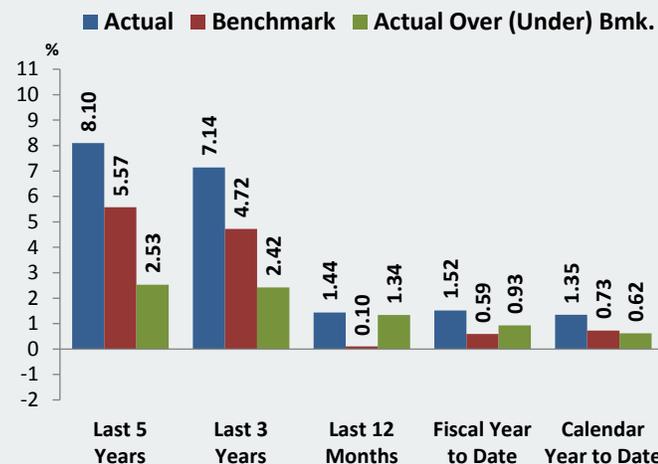
REAL ESTATE PERFORMANCE



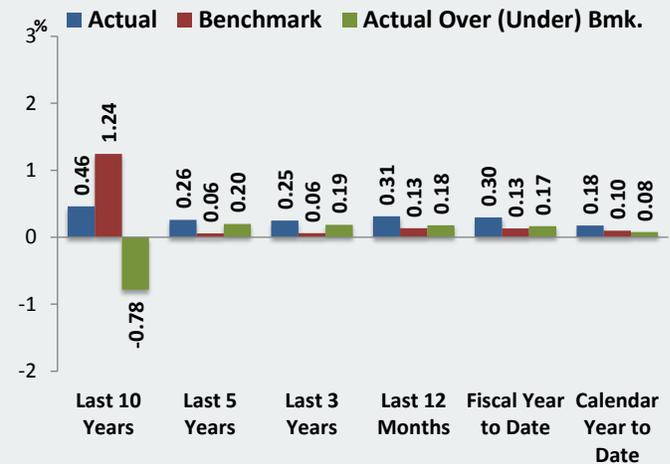
PRIVATE EQUITY PERFORMANCE



STRATEGIC INVESTMENTS PERFORMANCE



CASH & CASH EQUIVALENTS PERFORMANCE



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

FLORIDA RETIREMENT SYSTEM PENSION PLAN

TOTAL FUND & ASSET CLASS ACTIVE RISK

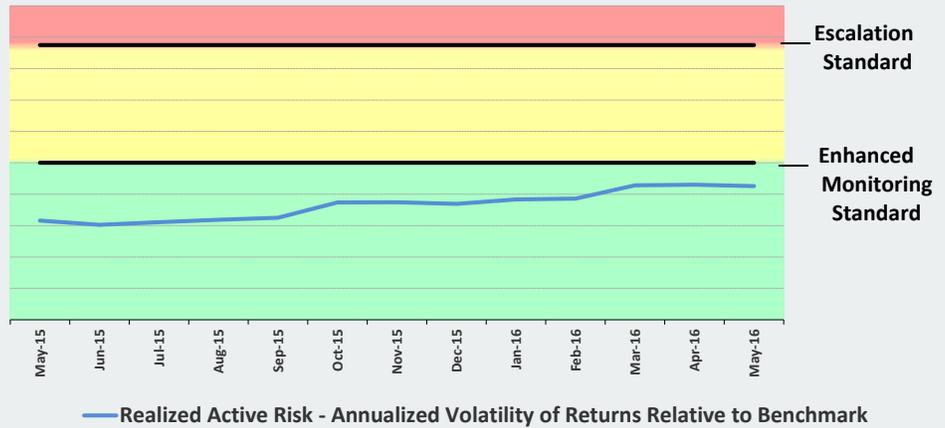
The SBA monitors investment risks relative to established targets. This is referred to as active risk.

Realized active risk represents the volatility of investment performance returns achieved relative to the target benchmark on a 36 month rolling basis.

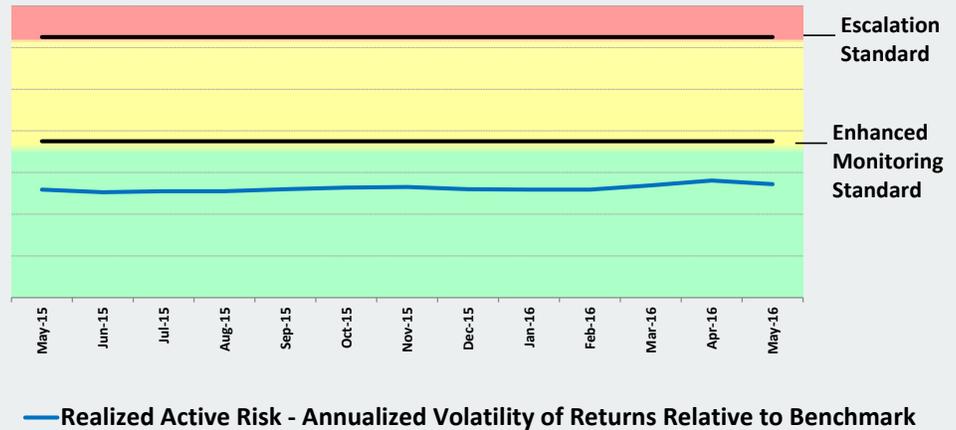
The enhanced monitoring and escalation standards in these charts reflect bands of acceptable active risk levels as established in SBA policy.

Sources, levels, and trends in active risk are regularly evaluated by the SBA Senior Investment Group.

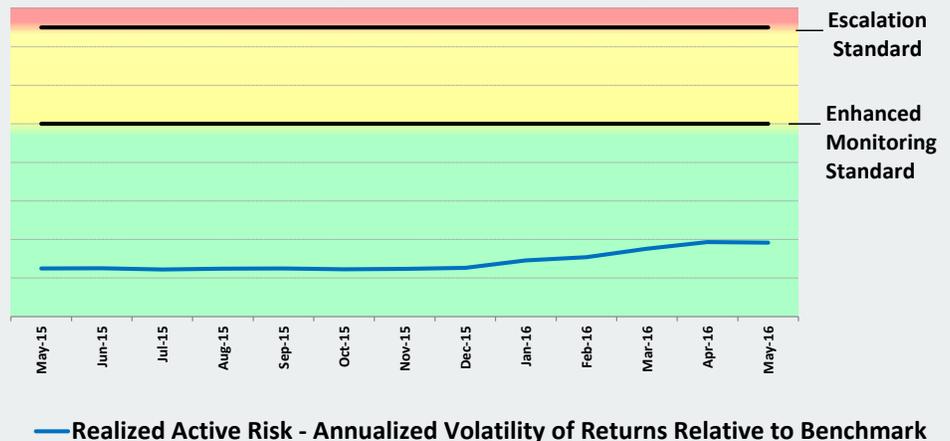
TOTAL FUND RISK



GLOBAL EQUITY RISK

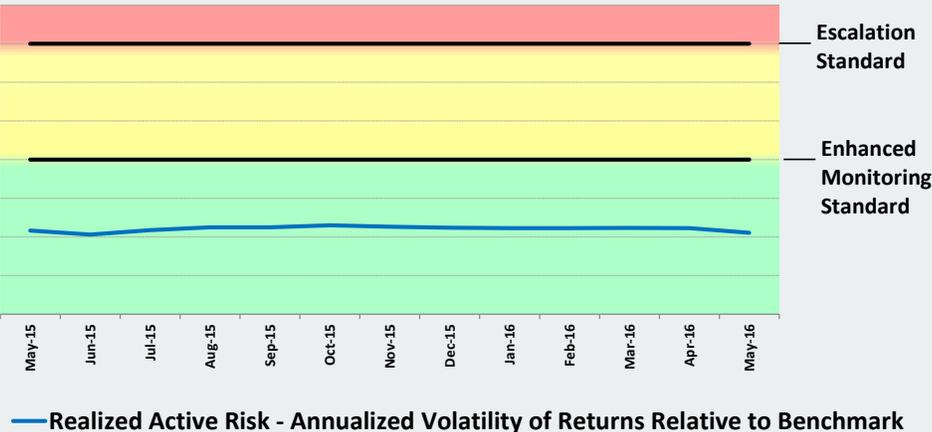


FIXED INCOME RISK

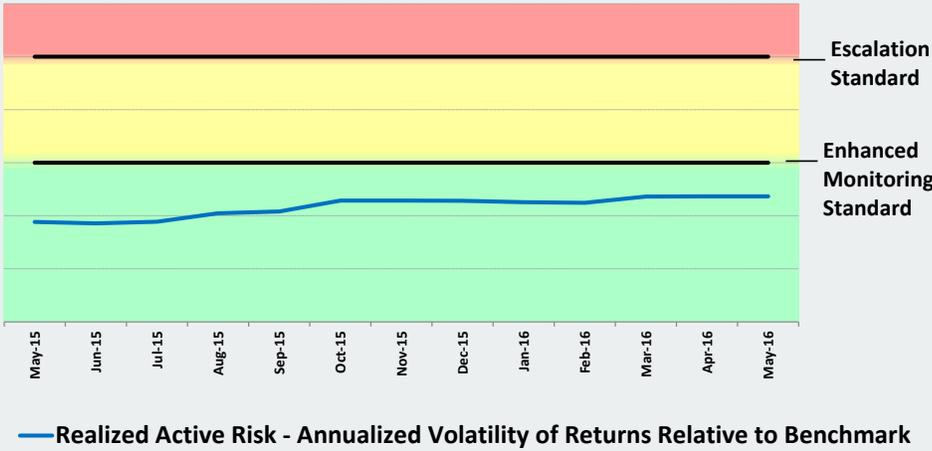


FLORIDA RETIREMENT SYSTEM PENSION PLAN TOTAL FUND & ASSET CLASS ACTIVE RISK

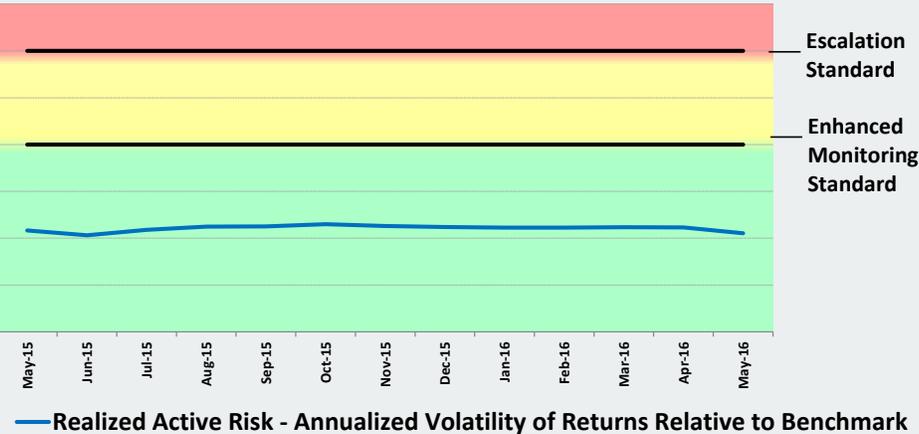
REAL ESTATE RISK



PRIVATE EQUITY RISK

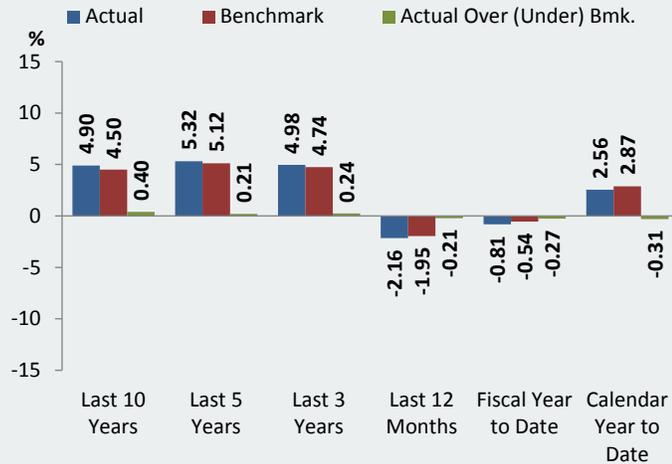


STRATEGIC INVESTMENTS RISK



FLORIDA RETIREMENT SYSTEM INVESTMENT PLAN

TOTAL FUND PERFORMANCE



FUND NET ASSET VALUES



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
TOTAL FRS Investment Plan	100.0%	7.01%	6.81%	0.20%	-2.16%	-1.95%	-0.21%
Domestic Equity	42.6%	10.35%	10.24%	0.11%	-0.38%	-0.39%	0.02%
Foreign Equity	19.9%	9.49%	9.33%	0.16%	-9.05%	-9.84%	0.79%
Fixed Income	19.7%	2.52%	2.15%	0.37%	2.63%	2.26%	0.38%
Real Assets and TIPS	6.2%	5.06%	4.47%	0.59%	-5.83%	-1.25%	-4.59%
Money Market Funds	11.5%	0.14%	0.06%	0.07%	0.35%	0.13%	0.22%

Performance figures and totals 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.

FLORIDA RETIREMENT SYSTEM INVESTMENT PLAN

CASH FLOWS AND MARKET VALUES¹

	Participant Selections	Contributions ²	Distributions ³	Transfers ⁴	Investment Gain/Loss ⁵	Change in Net Asset Value ⁶	Market Value	Percent of Assets
Retirement Date Funds	136,220	46.4	(35.3)	(12.5)	14.9	13.4	3,779.3	42.43%
Money Market	17,123	31.4	(48.5)	15.7	0.4	(0.9)	980.6	11.01%
Real Assets and TIPS	8,678	0.6	(0.6)	1.3	(0.1)	1.1	91.9	1.03%
Fixed Income	35,136	3.4	(8.3)	12.5	0.5	8.2	704.0	7.90%
Domestic Equity	95,324	10.0	(15.5)	(17.1)	46.6	24.1	2,364.4	26.55%
Foreign Equity	51,470	3.0	(3.9)	(5.9)	0.9	(6.0)	627.4	7.04%
Self-Directed Brokerage Account	2,200	0.0	0.0	6.0	2.1	8.1	359.1	4.03%

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

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.

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

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

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

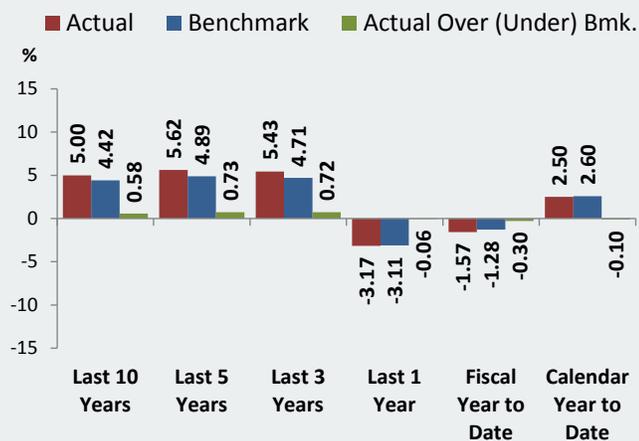
FRS PLAN ELECTIONS

	New Employee			Second Elections								
	Defaults (Pension)		Pension Plan	Investment Plan/Hybrid		FY Totals	Pension Plan		Investment Plan/Hybrid		FY Totals	
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	33,876	59.9%	9,250	16.3%	13,459	23.8%	56,585	662	11.5%	5,077	88.5%	5,739
FY 15-16*	31,993	60.6%	8,856	16.8%	11,977	22.7%	52,826	555	13.4%	3,582	86.6%	4,137
Total	163,487	57.4%	49,968	17.6%	71,253	25.0%	284,708	3,079	8.1%	34,894	91.9%	37,973

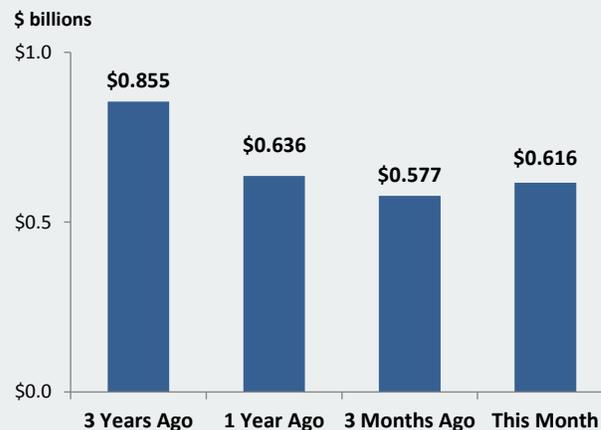
* Fiscal Year percentages are as of month end, and may not total due to rounding.

LAWTON CHILES ENDOWMENT FUND

FUND PERFORMANCE



FUND NET ASSET VALUE



CURRENT ASSET ALLOCATION, TARGET AND RANGES

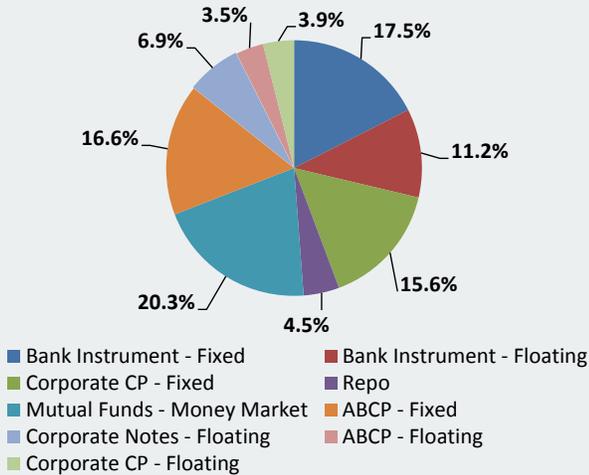
Asset Class	Current Weight	Policy Weight	Policy Low	Policy High	Actual Low	Actual High
Global Equity	72.1%	71.0%	61.0%	81.0%	71.4%	72.1%
Fixed Income	16.5%	17.0%	12.0%	22.0%	16.4%	16.9%
TIPS	10.1%	11.0%	6.0%	16.0%	10.1%	10.4%
Cash & Cash Equivalents	1.3%	1.0%	0.0%	10.0%	1.3%	1.4%

CHILES ENDOWMENT NET RETURNS BY ASSET CLASS

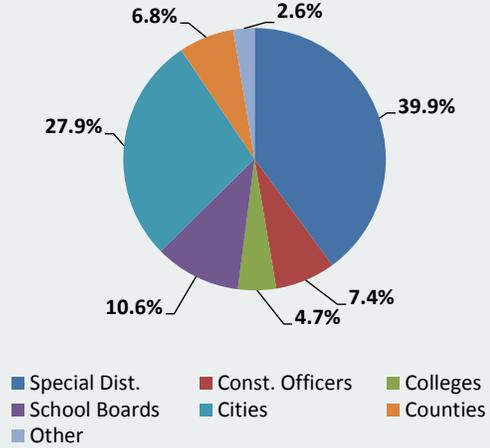
	PAST 3 MONTHS			PAST 12 MONTHS		
	ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK	ACTUAL	BENCHMARK	ACTUAL MINUS BENCHMARK
TOTAL LCEF	6.70%	7.10%	-0.39%	-3.17%	-3.11%	-0.06%
Asset Allocation	7.08%	7.10%	-0.02%	-3.45%	-3.11%	-0.34%
Global Equity	8.96%	9.49%	-0.53%	-5.11%	-5.51%	0.40%
Fixed Income	1.38%	1.33%	0.05%	3.08%	2.99%	0.09%
TIPS	1.38%	1.43%	-0.04%	1.24%	1.23%	0.01%
Cash & Cash Equivalents	0.15%	0.09%	0.06%	0.39%	0.19%	0.20%

FLORIDA PRIME

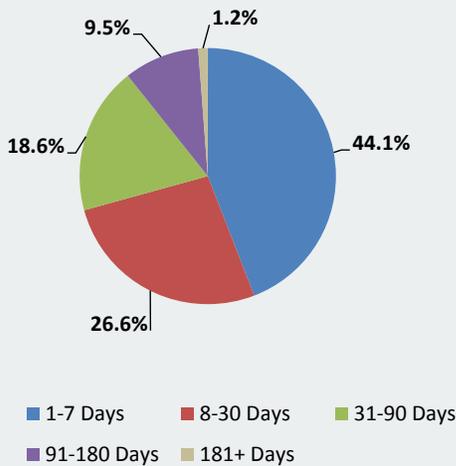
PORTFOLIO COMPOSITION



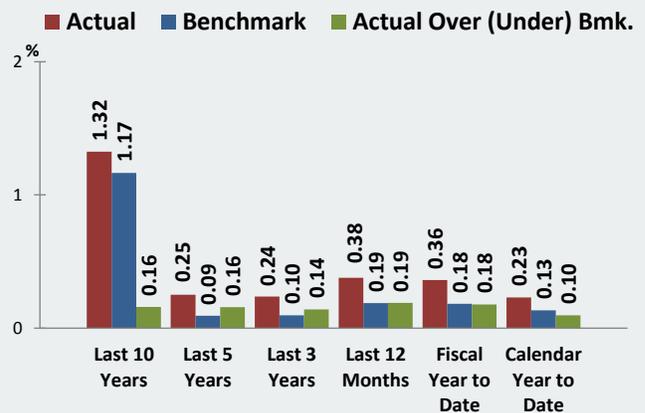
PARTICIPANTS BY TYPE - 761 TOTAL



EFFECTIVE MATURITY SCHEDULE



FLORIDA PRIME PERFORMANCE



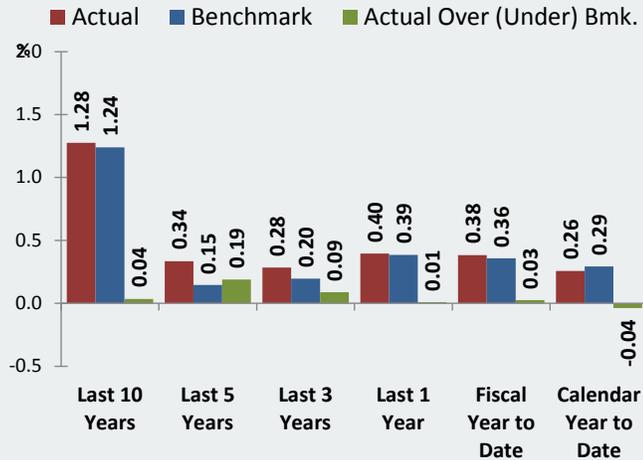
* Return calculated pursuant to Chapter 19-7.011, Florida Administrative Code
Returns less than 1-year are not annualized

FLORIDA PRIME AND FUND B MARKET VALUES



FLORIDA HURRICANE CATASTROPHE FUND

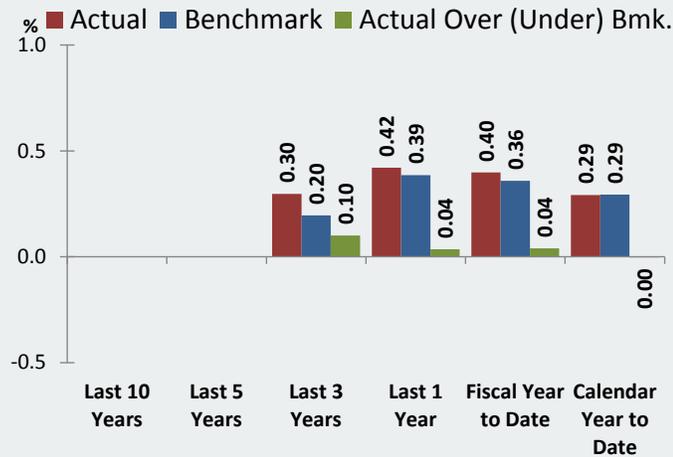
OPERATING FUND PERFORMANCE



OPERATING FUND NET ASSET VALUES



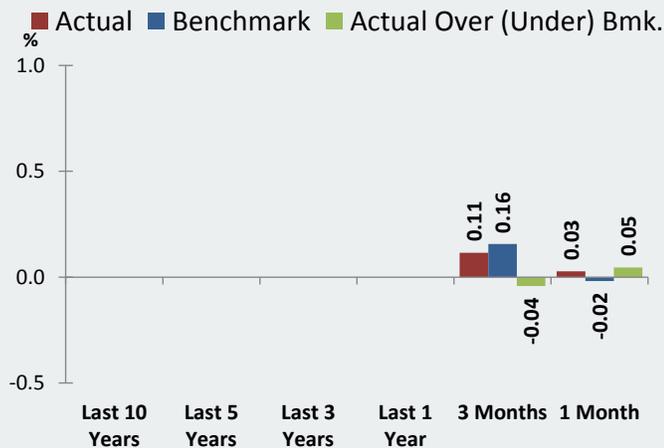
2013A NOTE PROCEEDS PERFORMANCE



2013A NOTE PROCEEDS NET ASSET VALUES



2016 NOTE PROCEEDS PERFORMANCE



2016 NOTE PROCEEDS NET ASSET VALUES



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