## STATE OF RHODE ISLAND INVESTMENT COMMISSION MEETING

DATA AT February 28, 2013

March 27, 2013 MEETING

#### MEMBERS OF THE STATE INVESTMENT COMMISSION

#### Honorable Gina M. Raimondo, Chair

Ms. Rosemary Booth Gallogly Mr. Thomas P. Fay

Ms. Paula M. McNamara

Mr. Andrew K. Reilly

Mr. J. Michael Costello

Mr. Robert Giudici

Ms. Marcia Reback

## Section I.

Agenda



### State of Rhode Island and Providence Plantations

Office of the General Treasurer

#### Gina M. Raimondo General Treasurer

## RHODE ISLAND STATE INVESTMENT COMMISSION MEETING NOTICE

The next meeting of the Rhode Island State Investment Commission has been scheduled for Wednesday, March 27, 2013 at 9:00 a.m. in Room 135 of the State House.

#### **AGENDA**

- Chairperson Call to Order
- Membership Roll Call
- Approval of Minutes
  - State Investment Commission Meeting held on February 27, 2013\*
- Alternative Consultant Riverside Capital Appreciation Fund VI\*
- Alternative Consultant Claren Road Recommendation\*
- Real Estate Consultant Update on Real Estate Portfolio
  - AEW Recommendation\*
  - Heitman Recommendation\*
- OPEB Asset Allocation\*
- Corporate Governance Policy\*
- AllianceBernstein Amendment for CollegBound Fund\*
- Legal Counsel Report
- Chief Investment Officer Report
- Treasurer's Report

#### POSTED ON FRIDAY, MARCH 22, 2013

<sup>\*</sup> Commission members may be asked to vote on this item.

## Section II.

**Approval of Minutes** 



### **State Investment Commission**

Monthly Meeting Minutes
Wednesday, February 27, 2013
9:00 a.m.
Room 135, State House

The Monthly Meeting of the State Investment Commission (SIC) was called to order at 9:04 a.m., Wednesday, February 27, 2013 in Room 135, State House.

#### I. Roll Call of Members

The following members were present: Ms. Rosemary Booth Gallogly, Mr. J Michael Costello, Mr. Thomas Fay, Mr. Robert Giudici, Ms. Marcia Reback and General Treasurer Gina Raimondo.

Also in attendance: Mr. Steve Nesbitt and Mr. Thomas Lynch of Cliffwater, alternative investment consultant to the Commission; Mr. Alan Emkin, Mr. John Burns, Mr. David Glickman and Ms. Lindsey Sugar of Pension Consulting Alliance (PCA), general policy and real estate consultant; Ms. Sally Dowling, of Adler Pollock, legal counsel; Mr. Jeff Muehlethaler and Mr. Rudy Pimentel of Pacific Investment Management Company (PIMCO); Mr. Larry Brown and Mr. Darren Lopes of TIAA-CREF; Mr. Blaise Keane, Mr. Dave Perisho and Ms. Kathy Sandstrom of Heitman; Ms. Anne-Marie Fink, chief investment officer and members of the Treasurer's staff, Treasurer Raimondo called the meeting to order at 9:04 a.m.

### II. Approval of Minutes

On a motion by Mr. Giudici and seconded by Mr. Fay, it was unanimously **VOTED**: **To approve the draft of the minutes of the January 23, 2013 meeting of the State Investment Commission**.

On a motion by Mr. Costello and seconded by Ms. Booth Gallogly, it was unanimously **VOTED**: **To approve the draft of the minutes of the January 25, 2013 meeting of the State Investment Commission**.

### III. Real Estate Update & Heitman Recommendation

Mr. Glickman recommended the committee commit \$50M into Heitman's open-end core fund. He explained it is consistent with the board's direction to add additional investments in income-producing, stabilized real estate as a way of diversifying and producing current return and this commitment will bring real estate to about 4.2% of the portfolio.

Mr. Glickman also updated the board on the fund's non-core investments. At the direction of the committee, PCA has put them up for bid, without any obligation, to sell out of smaller non-strategic positions. He explained they have asked for bids on individual partnerships and the portfolio as a whole. Ms. Sugar than updated the board on the timeline of the process. The Heitman team introduced themselves and Ms. Sandstrom gave a brief overview on the

The Heitman team introduced themselves and Ms. Sandstrom gave a brief overview on the history of the firm. She pointed out they have about 250 professionals across the world who

advise on about \$26B of real estate, mostly in North America. She explained their ownership structure and the experience and commitment of their partners.

She reviewed past performance against the NCREIF where they have outperformed since inception.

Mr. Keane explained the core fund was launched in 2007 with the goal of assembling a portfolio of low-risk, high-income, well-leased properties. He said they aim to achieve the NFI\_ODCE plus 100 basis points over a rolling 5-year period. He reviewed the Heitman team and committee structure.

Mr. Perisho explained their sector allocation across property types. They use a bottom-up approach and their research drives allocation of funds to where they believe growth will be. He explained they are underweight on the West Coast compared to some of their peers, but are in major markets in Chicago and Texas as well as the coasts. He said this is a very low-risk portfolio because it is 95% leased and they don't leverage a lot.

Mr. Keane gave some examples of investments and reviewed performance where 80% of projected return comes from income and only 20% from appreciation.

The committee asked questions and Heitman wrapped up their presentation.

On a motion by Ms. Booth Gallogly and seconded by Mr. Fay, it was unanimously **VOTED: to commit \$50 million to Heitman predicated on satisfactory completion of all due diligence.** 

#### IV. PIMCO & WAMCO

Ms. Fink reviewed the allocations the committee made to PIMCO and Western last meeting. Ms. Fink brought up two discussion items: the first being whether we should consider allowing PIMCO to use modest leverage in their portfolio. The second is where the \$400M funding should come from.

Ms. Fink then reviewed the pros and cons on using leverage. She explained it would enhance returns and allow us to capitalize on low borrowing rates. Floating-rate loans would hedge floating-rate borrowing costs. It diversifies risk portfolio-wide and would create an asymmetric return profile. Further, she said PIMCO buys more highly rated securities so it is a more appropriate place to use leverage. She explained the risks including timing, default and credit risk, forced sale risk and it is a customized product.

Ms. Fink discussed a simplified illustration of the mechanice leverage. Furthermore, she explained the possible implications of leverage in various market scenarios including a recession or market crisis.

Mr. Costello asked about the structure and Ms. Fink explained triggers they could put into effect to help manage the risk.

Mr. Pimentel introduced himself and Mr. Muehlethaler and discussed when and when not to apply leverage. He explained the leverage would be at the portfolio level and PIMCO negotiates with the counterparties, but each counterparty needs to be added to the agreement and approved individually. He said, even in 2008 no one reduced PIMCO's credit lines because they invest conservatively. He also said counterparties need a year's notice before cancelling.

Ms. Booth Gallogly asked about the legal logistics of leverage and Mr. Pimentel said the fund is the named borrower. The committee discussed the legal structure at length.

Mr. Pimenthal then reviewed potential worst case scenarios using leverage and not using leverage.

The board decided to postpone the vote on leverage, continue funding PIMCO without leverage and conduct analysis on applying leverage.

Ms. Fink discussed how the \$200M to PIMCO and \$200 to WAMCO would be funded.

### V. Alternatives Update

Mr. Nesbitt gave a brief history of the hedge fund program, which was launched about 15 months ago. He referenced page 3 of the presentation which illustrated ERSRI's global equity and real return portfolios are getting moderate returns with a relatively low level of risk. He stated the hedge fund portfolio is fulfilling its objective of getting better risk-adjusted returns. He differentiated the returns in terms of risk free rate, beta and alpha. He pointed out the focus when evaluating hedge funds is on alpha. He said the combined return of hedge funds was about 6.7%, 4.6% alpha and 2.1% from beta. Cliffwater's expectation is between 3.5%-4% of alpha and ERSRI's hedge fund portfolio is performing much better than fund of funds and even other direct hedge funds. He reviewed each manager and the composites and pointed out an information ratio above 1 is good. The composites are above 2.0 and twice of what Cliffwater expects. He pointed out hedge funds haven't been taking a lot of risk in the last year and a half.

Mr. Nesbitt provided Cliffwater's expected performance forecasts which are on par with ERSRI's CPI +400 basis points. He then explained the composite's beta exposure. Treasurer Raimondo asked if they are concerned about any managers and if any are on their watch list. Mr. Nesbitt responded they are not worried about any of the managers except those that were redeemed. He reiterated Cliffwater and Treasury staff has a robust monitoring process.

Mr. Lynch gave a brief review of the private equity portfolio and said performance continues to be strong on an absolute and relative basis with a net IRR of 13.81%. He stated the 2006 and 2008 vintage years continue to struggle. He said there were no new commitments made in 2009 and 2010 but commitments were made in the second half of 2011 and 2012. Since then there have been 9 commitments and 8 of those 9 are already deploying capital and getting positive signs early on. He said the resuscitation of the program is off to a good start. He pointed out long-term and short-term positive managers. Mr. Lynch took questions and concluded the presentation.

## VI. D/C Plan Update

Mr. Lopes explained there are \$52M in assets as of December 31, 2012 and it grows about \$10M per month. He took the board through his presentation and explained what percentage of participants are in which lifestage segment. He pointed out the lifestage does not take into consideration what they will receive from a pension. He explained TIAA-CREF's ongoing education efforts with seminars, counseling sessions and participation in different events around the state.

Mr. Lopes said about 22%-25% of the population is engaging with TIAA-CREF through phone calls and their website, which is lower than he would like, but it is getting better. Mr. Lopes expects this trend to continue.

Mr. Brown explained 8 out of 11 funds are index funds so the performance should tie closely to the benchmark and he reaffirmed this is the case. He explained some index funds are benchmarked against active managers which take on more risk.

Mr. Brown explained Vanguard will add international bonds to their bond index fund. Vanguard will also reduce the duration of their TIPS portfolio by about a year and there will be no cash allocation. He anticipated this will happen near the end of the second quarter. He also pointed out Vanguard is switching indices away from MSCI and Russell and into the FTSE and CRSP.

### VII. OPEB Asset Allocation

Ms. Fink explained that on the defined benefit plan, the board has moved away from fixed income given the low returns and high risks. She explained the OPEB portfolio is 65% fixed income and 35% equity. She said the OPEB portfolio should be cash flow positive for the next decade. Given this and what the defined benefit plan is doing, Ms. Fink believes there should be more equity in the OPEB portfolio.

Mr. Emkin agrees with Ms. Fink. He recommended 65% to equity and 35% to fixed income.

On a motion by Mr. Costello and seconded by Mr. Reback, it was unanimously **VOTED: to make a recommendation to the OPEB Board to allocate 65% to equity and 35% to fixed income.** 

## VIII. Banking Services Update

Mr. Vincent Izzo said Treasury staff is entering the implementation phase and has completed all due diligence on the banking RFPs. He explained they received 8 RFPs, all from qualified providers. He said staff is in the process of moving the disbursement bank account from Citizens Bank to Sovereign Bank, which will save on fees. He said the earnings credits to offset fees were near the best and on any excess balances Sovereign will pay the investment rate. All the proposals from the other banks also lowered rates and the RFP process should save the state around \$300,000 a year in banking fees. Mr. Izzo said staff evaluates banks on a monthly basis, but there hasn't been a formal RFP done in a while and it turned out to be a valuable exercise.

## IX. 457 Plan Update

Mr. Mark Rhoads, Treasury staffer, gave a review of the 457 Plan's progress the past 6 months, a few highlights on each fund individually, and goals going forward. He briefly reviewed the changes the SIC made in June of 2012 including lowering administrative fees, and the addition of index and lifecycle/target date funds. He explained Treasury has worked with the Department of Administration in outreach efforts to get the providers on site for recruitment and education efforts. He pointed out the 457

plans assets are growing, partly because of the recent market run up, and also because there are about 100 new participants in the plan in 2012. He explained Valic is only slightly losing some participants, Fidelity is remaining steady and ING's participant base is growing. Mr. Rhoads pointed out the average balance of a participant in ING was about \$30,000, \$50,000 in Fidelity and \$40,000 in Valic. He said there are about 6,000 participants which is a good participation rate, but he would like to see those numbers increase. He reviewed each lineups performance and noted there is significant movement into the target date funds and the new index funds. He gave a brief update on the Valic stable value fund explaining that all participants are at the 3% floor until the issue is resolved.

He gave a brief updates on goals moving forward.

## **XI. Legal Counsel Report**

There was no legal report.

## XII. CIO Report

Ms. Fink reviewed performance for the month and said it is in line with our benchmark, but the private equity performance lags, which affects the total performance. She explained the decision to reduce fixed income paid off this month.

She gave a brief update on the infrastructure RFI and explained she has recused herself from the process out of caution because her former employer was a respondent. Treasurer Raimondo said she would oversee the RFI review team during the process.

Ms. Fink gave an update on corporate governance and is expected to be back next month with a more extensive plan.

Mr. Lynch gave a brief update on the firearms situation in one of the portfolio's private equity funds and answered Treasurer Raimondo's questions on the issue.

Ms. Fink pointed out the end of February has been volatile so far and explained she reduced the equity overweights from appreciation.

### XIII. Treasurer's Report

There was no Treasurer's report.

### XIV. Adjournment

There being no other business to come before the Board, on a motion by Ms. Booth Gallogly and seconded by Mr. Fay, the meeting adjourned at 11:31 a.m.

Respectfully submitted,

**Gina M. Raimondo** General Treasurer

## Section III.

Staff Summary

## **Portfolio Highlights**

#### PORTFOLIO PERFORMANCE

#### February

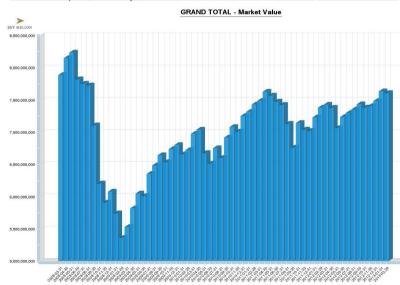
The ERSRI portfolio posted a 0.19% gain for February, against the policy index of 0.53%. Total Equity gained 0.05%, led by US markets, which offset losses in International and Private Equity markets, the US Traditional Fixed Income returned 0.52%, slightly ahead of benchmark, the Real Return Hedge Funds gained 0.86% well ahead of its benchmarkof 0.23% and GILB's gained 0.08%.

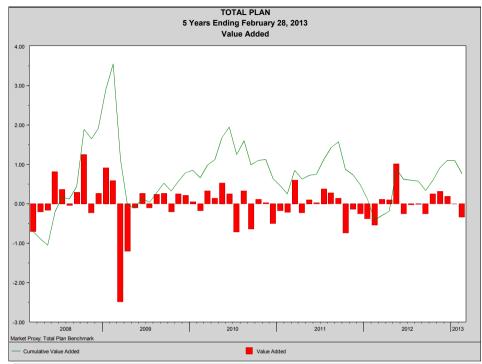
#### Fiscal Year to Date

For the Fiscal Year to date, the fund has gained 9.78%, versus the policy index of 9.63%.

#### Market Values

The total portfolio value decreased in February by \$27 million to \$7.61 billion. This compares with an increase in value of \$152.0 million for the same period in 2012. The February 2013 decrease represents \$14.4 million of market impact, offset by \$41.3 million of transfers out.



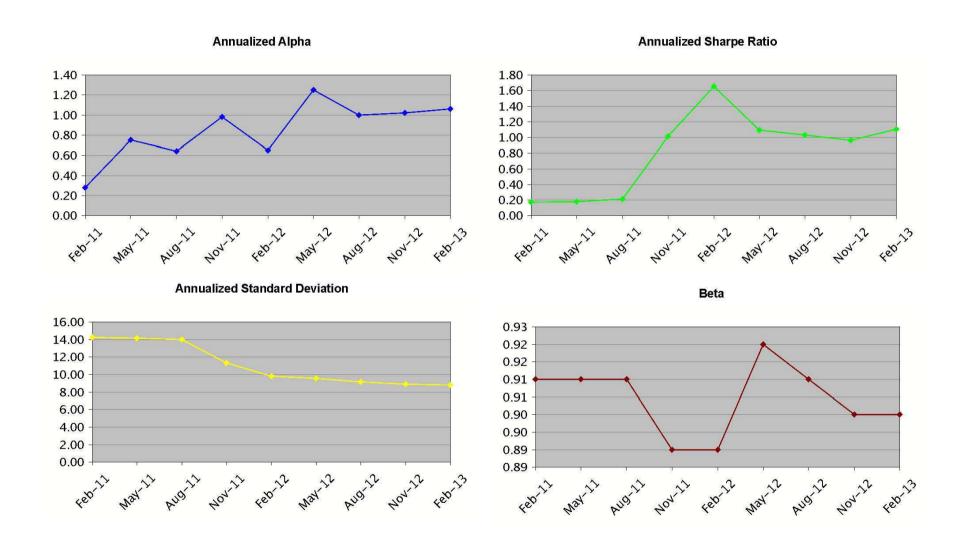


Market Value (M)	Month	Fiscal YTD	
1,727.70	1.33	13.24	
1,788.24	-1.07	16.96	
565.83	0.63	9.33	
568.30	-0.82	3.49	
1,097.79	0.52	3.57	
272.13	0.70	6.24	
526.82	0.86	6.82	
397.05	0.08	5.06	
614.57	0.01	0.09	
7,607.36	0.19	9.78	
	Value (M)  1,727.70  1,788.24  565.83  568.30  1,097.79  272.13  526.82  397.05  614.57	Value (M)         Month           1,727.70         1.33           1,788.24         -1.07           565.83         0.63           568.30         -0.82           1,097.79         0.52           272.13         0.70           526.82         0.86           397.05         0.08           614.57         0.01	Value (M)         Month         Fiscal YTD           1,727.70         1.33         13.24           1,788.24         -1.07         16.96           565.83         0.63         9.33           568.30         -0.82         3.49           1,097.79         0.52         3.57           272.13         0.70         6.24           526.82         0.86         6.82           397.05         0.08         5.06           614.57         0.01         0.09

Historic Risk 01 Mar 2008 to 28 Feb 2013 Rolling 3 Year Periods

Report ID: ITM0603

Base Currency: USD Status : Prelim



Policy Benchmark is Total Plan Benchmark. Risk-free Proxy is BofA Merrill Lynch 3 Month US Treasury Bill (G0O1)



## State of Rhode Island and Providence Plantations Office of the General Treasurer

Gina M. Raimondo

**General Treasurer** 

March 20, 2013

State Investment Commission
State of Rhode Island, State House
Providence, Rhode Island

This is to certify that the amounts so listed below belong to the credit of the Employees' Retirement, Municipal Employees', State Police and Judicial Retirement Systems of the State of Rhode Island at the close of business on February 28, 2013.

# Employees' Retirement System of Rhode Island Composite Reporting Investment Valuation February 28, 2013

Asset Class		Base Market Value
Grand Total		7,607,360,354
CASH EQUIVALENT*		699,774,879
EQUITY HEDGE FUNDS**		565,830,258
GLOBAL PUBLIC EQUTIY		3,515,884,469
INFLATION-LINKED BDS		381,783,987
PRIVATE EQUITY**		568,298,799
REAL ESTATE**		272,129,980
REAL RET HEDGE FUNDS**		526,821,215
US TRADITIONAL FIXED		1,076,836,766
Plan Allocations	%	Base Market Value
Grand Total	100.00	7,607,360,354
STATE EMP RET PLAN	81.83	6,225,190,205
MUNI EMP RET PLAN	16.38	1,246,380,067
STATE POLICE RET PL	1.18	89,864,915
JUDICIAL RET PLAN	0.60	45,925,167

<sup>\*</sup> Cash & Short-Term Investments, as shown, also includes amounts available within specific active-manager mandates, and thus as aggregated will not tie directly to separate cash allocations as reported elsewhere.

1/10/7)

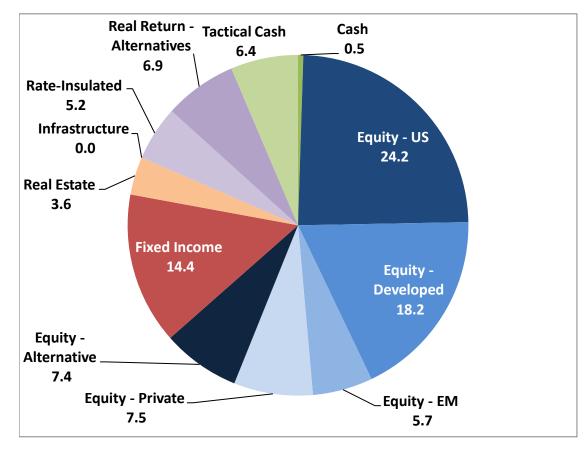
Vincent I. izzo Cash Manager

<sup>\*\*</sup> Alternative Investments – comprising the four components as indicated – are illiquid and may not have readily determinable market values. As such, they are generally based on appraisals only.

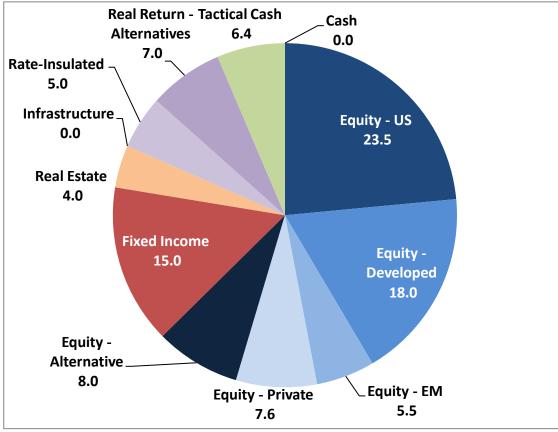
## Section IV.

## **Asset Allocation**

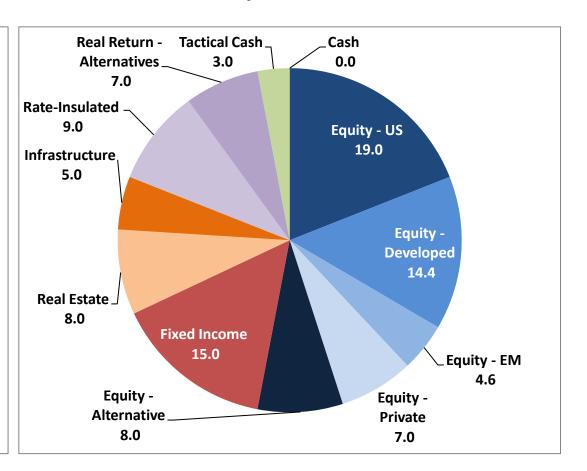
## **Actual Allocation**



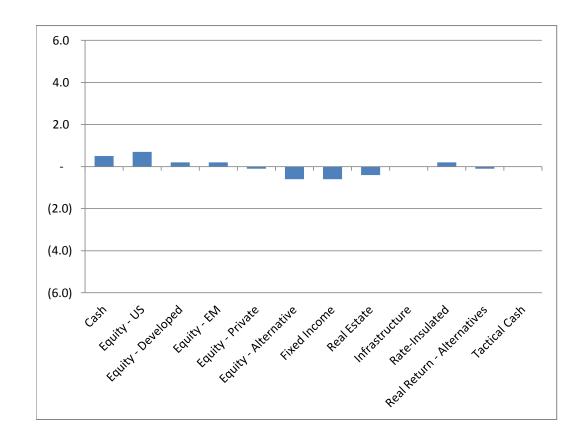
## **Tactical Allocation**



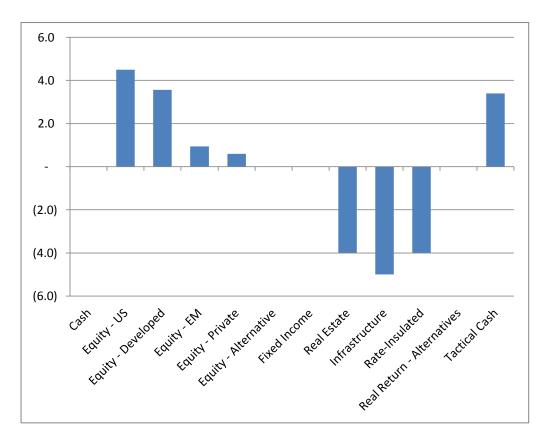
## **Policy Allocation**



## **Actual vs. Tactical**



## **Tactical vs. Policy**



## **Notes:**

<u>Actual vs. Tactical:</u> SIC policy allows for fluctuations of ±2% from Tactical to accommodate market movements while minimizing trading costs for rebalancing, and lags in rebalancing to less liquid asset classes.

<u>Tactical vs. Policy:</u> Tactical allocations diverge from policy to allow time to vet third-party managers allowing prudent implementation of SIC policy decisions, and to diversify vintage-year exposure for drawdown funds (e.g., private equity, real estate, infrastructure).

Currently tactical allocations are (4) percentage points (pps) below policy on real estate, (5) pps on infrastructure and (4) pps on rate-insulated, due to timing required to deploy funds. An additional +9 pps in equity and +4 pps in tactical cash offer interim exposure to economic growth and protection from interest rate volatility, capturing similar macroeconomic exposures to underallocated asset classes.

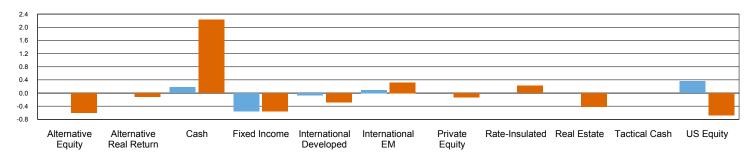
RHODE ISLAND FEBRUARY 28, 2013

## **Asset Summary**

Asset Class	Physical E	xposure	Synthetic	Synthetic Exposure		<u>osition</u>	Overlay	<u>Target</u>	Policy 1	<u>Target</u>
Total Market Value	7,595.2	100.0%	0.0	0.0%	7,595.2	100.0%	7,595.2	100.0%	7,595.2	100.00%
Cash	169.2	2.2%	-138.9	-1.8%	30.3	0.4%	16.9	0.2%	0.0	0.00%
Cash	169.2	2.2%	-138.9	-1.8%	30.3	0.4%	16.9	0.2%	0.0	0.00%
Equity	4,650.9	61.2%	138.9	1.8%	4,789.8	63.1%	4,760.3	62.7%	4,754.6	62.60%
US Equity	1,732.9	22.8%	109.9	1.4%	1,842.8	24.3%	1,815.3	23.9%	1,784.9	23.50%
Private Equity	567.5	7.5%	0.0	0.0%	567.5	7.5%	567.5	7.5%	577.2	7.60%
International Developed	1,345.8	17.7%	39.7	0.5%	1,385.4	18.2%	1,390.4	18.3%	1,367.1	18.00%
International EM	442.5	5.8%	-10.7	-0.1%	431.8	5.7%	424.9	5.6%	417.7	5.50%
Alternative Equity	562.3	7.4%	0.0	0.0%	562.3	7.4%	562.3	7.4%	607.6	8.00%
Fixed	1,097.8	14.5%	0.0	0.0%	1,097.8	14.5%	1,140.6	15.0%	1,139.3	15.00%
Fixed Income	1,097.8	14.5%	0.0	0.0%	1,097.8	14.5%	1,140.6	15.0%	1,139.3	15.00%
Other	1,677.3	22.1%	0.0	0.0%	1,677.3	22.1%	1,677.3	22.1%	1,701.3	22.40%
Real Estate	272.0	3.6%	0.0	0.0%	272.0	3.6%	272.0	3.6%	303.8	4.00%
Rate-Insulated	396.9	5.2%	0.0	0.0%	396.9	5.2%	396.9	5.2%	379.8	5.00%
Alternative Real Return	522.3	6.9%	0.0	0.0%	522.3	6.9%	522.3	6.9%	531.7	7.00%
Tactical Cash	486.1	6.4%	0.0	0.0%	486.1	6.4%	486.1	6.4%	486.1	6.40%

### **Deviations from Target Allocation**

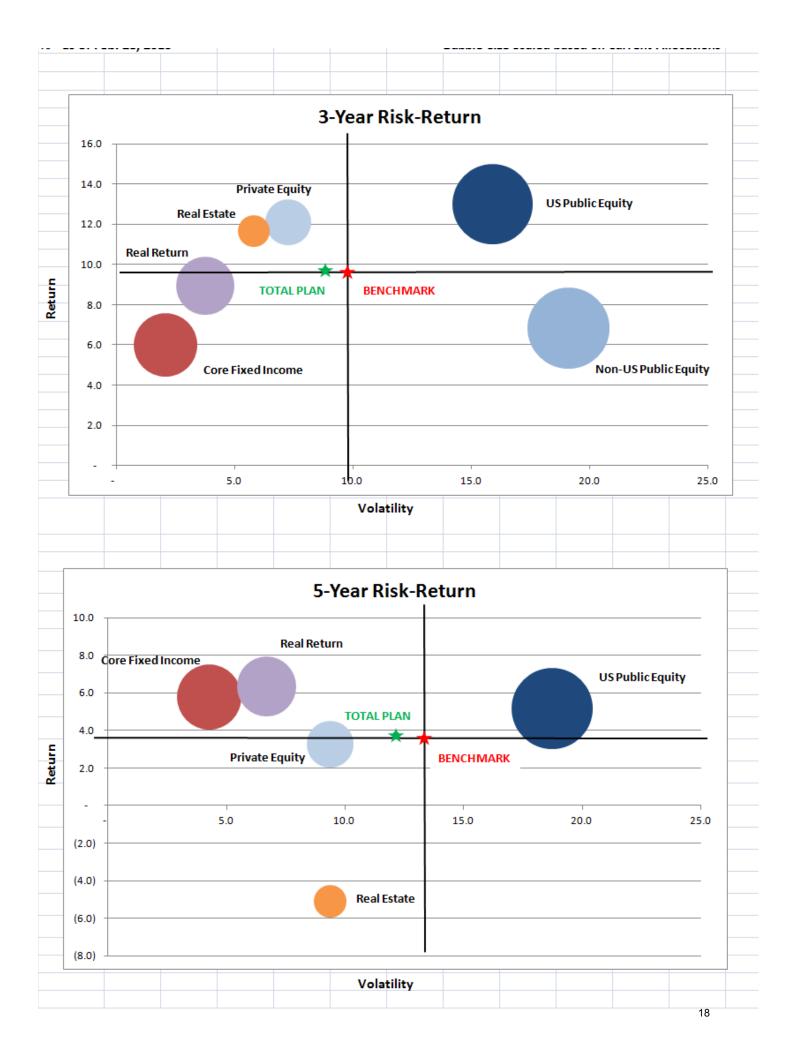






## Section V.

**Risk Overview** 



## 5 Years Ending February 28, 2013 Comparison

	TOTAL PLAN	Total Plan Benchmark
Ann Return	3.73	3.58
Ann Ex Ret vs Mkt	0.15	0.00
Ann Tracking Error	1.86	0.00
Ann Std Dev	12.15	13.33
Beta	0.91	1.00
R-Squared	0.99	1.00
Ann Alpha	0.38	0.00
Ann Sharpe Ratio	0.33	0.30

**Risk Exposures** 

## 3 Years Ending February 28, 2013

	Annualized Return	Ann Std Dev	Beta (ACWI)	Beta (BC AGG)	Beta (GSCI)
US Public Equity	13.02	15.91	0.90		0.65
Non-US Public Equity	6.84	19.10	1.11	-2.67	0.79
Equity Hedge Funds					
Private Equity	12.11	7.28	0.04		0.04
Traditional Fixed Income	5.98	2.09	0.02	0.64	0.02
Real Estate	11.67	5.81	0.05	5 0.04	0.03
Real Return Hedge Funds					
Inflation-Linked Bonds	9.51	4.15	-0.03	3 1.16	0.00
Cash	0.17	0.08	0.00	0.00	0.00
Russell Overlay Fd	-0.12	0.74	0.00	0.05	0.00

### 3 Years Ending February 28, 2013 Correlation

#### Ann Return

	US Pub EQ	Non-US Pub EQ	Eq HF	PE	FI	RE	RR HF	GILBS	Cash	Overlay	Total
US Pub	1.00										
Non-US P	0.91	1.00									
Eq HF											
PE	0.12	0.08		1.00							
FI	0.05	0.23		-0.33	1.00						
RE	0.08	0.19		-0.01	0.06	1.00					
RR HF											
GILBS	-0.19	-0.06		-0.19	0.58	0.16		1.00			
Cash	0.00	0.04		-0.09	0.10	0.23		-0.10	1.00		
Overlay	-0.07	-0.04		-0.09	0.10	-0.14		0.13	-0.03	1.00	
Total	0.98	0.97		0.15	0.16	0.14		-0.09	0.02	-0.06	1.00
Tot BM	0.98	0.97		0.10	0.17	0.14		-0.12	0.03	-0.07	1.00

### 5 Years Ending February 28, 2013 Correlation

#### Ann Return

	US Pub Eq	Non-US Pub Eq	Eq HF	PE	FI	RE	RR HF	GILBS	Cash	Overlay	Total
US Pub	1.00										
Non-US P											
Eq HF											
PE	0.22			1.00							
FI	0.44			0.02	1.00						
RE	-0.05			0.22	-0.26	1.00					
RR HF											
GILBS											
Cash	-0.34			-0.36	-0.36	-0.06			1.00		
Overlay											
Total	0.97			0.29	0.58	-0.03			-0.39		1.00
Tot BM	0.97			0.21	0.58	-0.05			-0.37		0.99

Section VI.

Performance Overview

Report ID: IPM0005

Reporting Currency: USD

#### TOTAL NET OF FEES 2/28/2013

**Annualized Account Name** Market Inception **Benchmark Name** Value % of Total Month Fiscal YTD 1 Year 3 Years 5 Years 10 Years ITD **Date** SSGA R3000 INDEX 1,727,701,357 23 1.33 7.17 10/1/2012 Russell 3000 Index 1.33 10/1/2012 7.15 **US Public Equity** 1,727,701,431 23 1.33 13.24 13.43 13.02 5.17 3.32 8/1/2007 Russell 3000 Index 1.33 13.83 13.65 13.83 5.38 3.35 8/1/2007 SSGA MSCI EAFE 16 -0.94 14.48 9/1/2012 1,211,974,425 -0.95 14.41 9/1/2012 MSCI EAFE Net Dividend Index 2 9/1/2012 SSGA MSCI CANADA 133,794,147 -1.395.06 MSCI Canada Net Dividend Index -1.43 9/1/2012 4.73 SSGA MSCI EM 442,470,856 6 -1.32 11.97 9/1/2012 MSCI Emerging Markets Net -1.26 12.06 9/1/2012 Dividend Index **Non-US Public Equity** 16.96 5/1/2009 24 -1.07 6.79 6.84 13.50 1.788.242.711 Total International Equity BM -1.06 16.53 7.72 6.16 11.95 5/1/2009 **Global Public Equity** 3,515,944,142 46 0.10 15.36 11.99 11.26 3.83 9.66 2.93 7/1/2000 MSCI All Country World Net Index -0.02 14.96 9.29 9.38 1.39 9.12 7/1/2000 Private Equity 568,298,799 7 -0.823.49 10.16 12.11 3.26 11.61 3.77 1/1/1993 S&P + 300 BP 1.58 15.10 16.76 16.85 8.07 11.44 1/1/1993 7 **Equity Hedge Funds** 565,830,258 0.63 9.33 8.50 8.09 11/1/2011 HFRI Equity Hedge (Total) Index 0.57 9.53 6.24 11/1/2011 4.47 **Total Equity** 4,650,073,200 61 0.05 13.01 11.33 11.07 3.56 9.77 2.36 6/1/1996 MACKAY SHIELDS 7 547.327.935 0.53 0.02 11/1/2012 0.50 -0.19 11/1/2012 Barclays U.S. Aggregate Bond Index PYRAMIS GLOBAL ADV 7 550,002,647 0.51 -0.03 11/1/2012 Barclays U.S. Aggregate Bond 0.50 -0.19 11/1/2012 Index **Traditional Fixed Income** 14 0.52 3.57 5.23 5.98 5.77 5.83 6.28 7/1/2000 1,097,792,319 Barclays U.S. Aggregate Bond 0.50 1.60 3.12 5.45 5.52 5.01 6.12 7/1/2000 Index Real Return Hedge Funds 526,821,215 7 0.86 6.82 5.91 5.87 11/1/2011 HFRI Fund of Funds Composite 0.23 6.19 3.78 4.17 11/1/2011 Index

Report ID: IPM0005

Reporting Currency: USD

## TOTAL NET OF FEES 2/28/2013

**Annualized Account Name** Market Inception **Benchmark Name Fiscal YTD** Value % of Total Month 1 Year 3 Years 5 Years 10 Years ITD Date 5 **BROWN BROTHERS HARR** 397,045,393 0.08 2.08 11/1/2012 Barclays World Govt Inflation-Linked -0.01 11/1/2012 1.68 All Maturities USD Hedg Inflation-Linked Bonds 5 0.08 5.06 7.40 9.51 8.90 11/1/2009 397,045,393 Barclays World Govt Inflation-Linked -0.01 3.16 4.04 7.47 6.88 11/1/2009 All Maturities USD Hedg **Total Real Return** 923,866,608 12 0.52 5.63 6.11 8.93 6.34 6.72 6/1/2004 CPI + 4% 3.84 6.05 6.30 5.88 6.43 6/1/2004 1.14 Real Estate 4 0.70 6.24 10.33 11.67 -5.11 -0.18 1/1/2005 272,129,980 NCREIF Property Lagged + 100bp 0.08 5.71 12.00 11.90 3.28 8.76 1/1/2005 **ERSRI CASH** 8 0.01 0.02 0.09 0.61 7.40 7/1/2000 613,478,349 0.15 16.89 BofA Merrill Lynch 3 Month US 0.00 0.07 0.11 0.11 0.39 1.77 2.15 7/1/2000 Treasury Bill (G0O1) **Total Cash** 614,568,688 8 0.01 0.09 0.16 0.17 0.48 3.10 4/1/2004 Russell Overlay Fd 1 9/1/2008 41,522,674 0.00 0.27 0.20 -0.12 -0.13 **TOTAL PLAN** 9.78 9.71 3.73 8.66 4.27 7/1/2000 7,607,360,354 100 0.19 9.19 Total Plan Benchmark 0.53 9.63 7.92 9.68 3.58 8.44 7/1/2000 9.54 9.53 **Total Plan ex Overlay** 7,565,837,679 99 0.19 9.01 4.69 8/1/2008 Total Plan Benchmark 0.53 9.63 7.92 9.68 4.52 8/1/2008 Total Plan ex PE & RE 6,766,931,575 89 0.25 9.13 7.65 8.91 4.01 8.54 6.34 4/1/1996 Total Plan BM ex PE RE 0.49 9.31 8.13 9.39 3.42 8.11 4/1/1996

Report ID: IPM0005

Reporting Currency: USD

#### TOTAL NET OF FEES 2/28/2013

Cumulative **Account Name** Market 1/1/2013 -12/1/2012 -Inception **Benchmark Name** Value % of Total Month 1/31/2013 12/31/2012 2012 2011 2010 Date SSGA R3000 INDEX 1,727,701,357 23 1.33 5.49 1.23 10/1/2012 Russell 3000 Index 1.33 5.49 1.23 10/1/2012 **US Public Equity** 1,727,701,431 23 1.33 5.49 1.23 15.66 -0.86 17.33 8/1/2007 Russell 3000 Index 16.93 1.33 5.49 1.23 16.42 1.03 8/1/2007 SSGA MSCI EAFE 16 -0.94 5.29 3.20 9/1/2012 1,211,974,425 MSCI EAFE Net Dividend Index -0.95 5.27 3.20 9/1/2012 2 9/1/2012 SSGA MSCI CANADA 133.794.147 -1.391.85 1.60 MSCI Canada Net Dividend Index 1.53 9/1/2012 -1.431.81 SSGA MSCI EM 6 -1.32 5.05 9/1/2012 442,470,856 1.25 MSCI Emerging Markets Net Dividend Index -1.26 1.38 4.89 9/1/2012 **Non-US Public Equity** 1,788,242,711 24 -1.07 4.00 3.54 17.02 -13.47 11.26 5/1/2009 Total International Equity BM -1.06 4.07 3.47 16.52 -12.147.75 5/1/2009 **Global Public Equity** 3,515,944,142 46 0.10 4.71 2.41 17.82 -5.16 15.37 7/1/2000 MSCI All Country World Net Index -0.02 -7.35 4.61 2.27 16.13 12.67 7/1/2000 Private Equity 568,298,799 7 -0.82 0.40 1.36 11.77 12.37 14.00 1/1/1993 S&P + 300 BP 1.58 5.40 1.15 19.44 5.17 18.48 1/1/1993 7 **Equity Hedge Funds** 565,830,258 0.63 2.92 0.76 7.98 11/1/2011 0.57 3.38 11/1/2011 HFRI Equity Hedge (Total) Index 1.64 7.41 **Total Equity** 4,650,073,200 61 0.05 3.94 2.07 15.88 -2.89 15.42 6/1/1996 MACKAY SHIELDS 7 547,327,935 0.53 -0.64 0.05 11/1/2012 Barclays U.S. Aggregate Bond Index 0.50 -0.70-0.14 11/1/2012 PYRAMIS GLOBAL ADV 550,002,647 7 0.51 -0.72 -0.12 11/1/2012 Barclays U.S. Aggregate Bond Index 0.50 -0.70 -0.14 11/1/2012 **Traditional Fixed Income** 0.52 5.50 7/1/2000 1,097,792,319 14 -0.68 -0.05 7.95 6.05 Barclays U.S. Aggregate Bond Index 0.50 -0.70-0.14 4.21 7.84 6.54 7/1/2000 Real Return Hedge Funds 526,821,215 7 0.86 1.28 1.33 5.33 11/1/2011 HFRI Fund of Funds Composite Index 0.23 2.14 1.16 4.74 11/1/2011 BROWN BROTHERS HARR 397,045,393 5 0.08 0.22 0.32 11/1/2012 Barclays World Govt Inflation-Linked All Maturities USD -0.01 0.38 -0.02 11/1/2012 Hedg

Report ID: IPM0005

Reporting Currency: USD

### **TOTAL NET OF FEES**

2/28/2013

				Cum	ulative				
Account Name Benchmark Name	Market Value	% of Total	Month	1/1/2013 - 1/31/2013	12/1/2012 - 12/31/2012	2012	2011	2010	Inception Date
Inflation-Linked Bonds Barclays World Govt Inflation-Linked All Maturities USD Hedg	397,045,393	5	<b>0.08</b> -0.01	<b>0.22</b> 0.38	<b>0.32</b> -0.02	<b>9.20</b> 5.60	<b>13.80</b> <i>11.08</i>	<b>6.00</b> 5.43	<b>11/1/2009</b> 11/1/2009
Total Real Return CPI + 4%	923,866,608	12	<b>0.52</b> 1.14	<b>0.82</b> <i>0.62</i>	<b>0.89</b> 0.06	<b>6.55</b> 5.81	<b>13.58</b> <i>7.07</i>	<b>6.00</b> 5.25	<b>6/1/2004</b> 6/1/2004
Real Estate  NCREIF Property Lagged + 100bp	272,129,980	4	0.70 <i>0.0</i> 8	0.67 <i>0.0</i> 8	3.21 2.40	9.62 12.00	17.14 17.10	3.74 6.84	1/1/2005 1/1/2005
ERSRI CASH BofA Merrill Lynch 3 Month US Treasury Bill (G001)	613,478,349	8	0.01 <i>0.00</i>	0.00 <i>0.00</i>	0.04 <i>0.0</i> 2	0.11 <i>0.11</i>	0.16 <i>0.10</i>	0.19 <i>0.13</i>	7/1/2000 7/1/2000
Total Cash	614,568,688	8	0.01	0.00	0.04	0.18	0.14	0.18	4/1/2004
Russell Overlay Fd	41,522,674	1	0.00	0.13	0.04	0.18	-0.78	0.21	9/1/2008
TOTAL PLAN Total Plan Benchmark	7,607,360,354	100	<b>0.19</b> <i>0.5</i> 3	<b>2.54</b> 2.54	<b>1.50</b> 1.31	<b>12.49</b> 11.80	<b>1.39</b> 1.55	<b>12.07</b> 12.24	<b>7/1/2000</b> 7/1/2000
Total Plan ex Overlay Total Plan Benchmark	7,565,837,679	99	<b>0.19</b> <i>0.5</i> 3	<b>2.42</b> 2.54	<b>1.46</b> 1.31	<b>12.39</b> 11.80	<b>0.98</b> 1.55	<b>12.07</b> 12.24	<b>8/1/2008</b> 8/1/2008
Total Plan ex PE & RE Total Plan BM ex PE RE	6,766,931,575	89	<b>0.25</b> 0.49	<b>2.81</b> 2.54	<b>1.44</b> 1.23	<b>11.25</b> <i>12.08</i>	<b>-0.19</b> <i>0.66</i>	<b>12.12</b> <i>12.03</i>	<b>4/1/1996</b> 4/1/1996

Report ID: IPM0005

**Reporting Currency: USD** 

#### **END NOTES**

2/28/2013

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TOTAL PLAN

Month - Current Month

Cumulative Months - Prior Month and Second Prior Month

2011, 2010, 2009 - Calendar Years

Employees' Retirement System of the State of Rhode Island Hedge Fund Portfolio Portfolio Performance Summary Estimated as of February 28, 2013



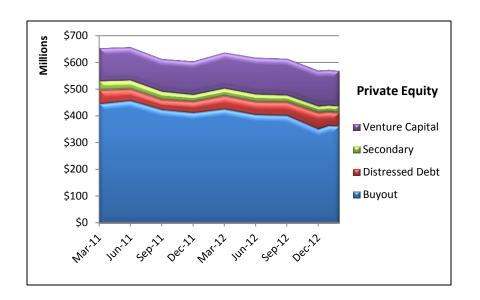
						Returns					Sharpe	Incep
Fund	Market Value	Actual %	Feb	YTD	FYTD	1 Year	3 Year	5 Year	Incep	Std Dev	Ratio	Date
Global Equities												
Ascend Partners Fund II LP	62,342,510	5.7%	0.47%	2.38%	2.04%	3.58%	-	-	2.91%	2.04%	1.22	Nov-11
Davidson Kempner Institutional Partners, L.P.	66,279,221	6.1%	0.67%	2.04%	6.69%	7.90%	-	-	7.75%	1.49%	4.74	Nov-11
Elliott Associates, L.P.	68,223,220	6.2%	0.60%	1.81%	10.52%	12.17%	-	-	10.11%	4.07%	2.29	Nov-11
Indus Asia Pacific Fund, LP	44,238,663	4.0%	0.30%	3.52%	10.23%	3.91%	-	-	9.02%	6.46%	1.31	Jan-12
Mason Capital Ltd.	59,880,041	5.5%	0.37%	5.34%	0.92%	-0.90%	-	-	-0.17%	6.56%	-0.06	Jan-12
PFM Diversified Fund, L.P.	31,810,562	2.9%	0.88%	4.28%	13.16%	6.04%	-	-	6.04%	7.36%	0.78	Mar-12
PFM Diversified Offshore Fund A.I., Ltd.	31,687,957	2.9%	0.89%	4.25%	12.92%	5.63%	-	-	5.63%	7.37%	0.73	Mar-12
Samlyn Onshore Fund, L.P.	69,242,649	6.3%	1.36%	5.30%	12.69%	10.18%	-	-	13.07%	5.48%	2.20	Jan-12
Third Point Partners Qualified L.P.	62,998,187	5.8%	1.10%	5.69%	21.94%	21.08%	-	-	21.90%	5.96%	3.31	Jan-12
Viking Global Equities, LP	69,127,248	6.3%	-0.30%	2.12%	7.80%	12.01%	-	-	11.99%	3.40%	3.24	Dec-11
Total Global Equities	565,830,258	51.8%	0.61%	3.56%	9.27%	8.39%	-	-	7.89%	3.58%	2.03	Nov-11
MSCI AC World Index Free - Net			-0.02%	4.59%	14.96%	9.29%	-	-	12.92%	12.68%	0.99	Nov-11
Russell 3000 Index (DRI)			1.33%	6.89%	13.83%	13.65%	-	-	18.30%	10.00%	1.70	Nov-11
HFRI Equity Hedge (Total) Index			0.50%	3.84%	9.37%	4.32%	-	-	6.13%	7.34%	0.79	Nov-11
Real Return												
BlueCrest Capital LP	21,196,480	1.9%	0.96%	0.16%	3.55%	4.35%	-	-	5.11%	1.96%	2.35	Jan-12
Brevan Howard LP	81,066,875	7.4%	2.13%	3.11%	10.92%	5.76%	-	-	6.01%	4.61%	1.20	Nov-11
Brigade Leveraged Capital Structures Fund LP	52,681,171	4.8%	-0.32%	0.68%	3.83%	5.36%	-	-	5.36%	1.81%	2.69	Mar-12
Capula Global Relative Value Fund Ltd.	50,962,958	4.7%	1.24%	1.72%	2.97%	3.47%	-	-	1.54%	1.91%	0.59	Dec-11
DE Shaw Composite Fund LLC	61,453,935	5.6%	2.50%	4.28%	16.28%	19.07%	-	-	16.73%	4.44%	3.44	Nov-11
Gracie Credit Opportunities Fund, L.P.	36,756,211	3.4%	-0.30%	-1.87%	-4.95%	-7.43%	-	-	-6.54%	3.53%	-2.01	Dec-11
Graham Global Investment Fund I SPC Ltd Discretionary Segregated Port	52,756,262	4.8%	0.06%	1.62%	5.02%	3.72%	-	-	4.71%	2.64%	1.60	Jan-12
OZ Domestic Partners II, L.P.	86,755,182	7.9%	0.40%	3.09%	10.47%	12.42%	-	-	11.54%	3.00%	3.53	Nov-11
Wexford Spectrum Fund, LP	53,103,079	4.9%	-1.00%	1.42%	5.93%	2.76%	-	-	5.30%	4.69%	1.04	Jan-12
Winton Futures Fund Limited	30,098,673	2.8%	0.17%	2.68%	3.27%	-0.78%	-	-	0.26%	6.85%	0.01	Dec-11
Total Real Return	526,830,825	48.2%	0.69%	2.03%	6.79%	5.88%	-	-	5.83%	2.10%	2.52	Nov-11
ML 3-month T-Bills			0.00%	0.00%	0.07%	0.10%	-	-	0.08%	0.02%	-16.24	Nov-11
HFRI Fund of Funds Composite Index			0.13%	2.27%	6.06%	3.65%	-	-	4.07%	3.58%	1.01	Nov-11
Total Hedge Fund Portfolio	1,092,661,084	100.0%	0.65%	2.82%	8.06%	7.16%	-	-	6.95%	2.64%	2.41	Nov-11
HFRI Fund of Funds Composite Index			0.13%	2.27%	6.06%	3.65%	-	-	4.07%	3.58%	1.01	Nov-11
Market Indices												
Libor3Month			0.02%	0.05%	0.23%	0.38%	-	-	0.42%	0.03%	-	Nov-11
Barclays Aggregate Bond Index			0.50%	-0.20%	1.61%	3.13%	-	-	3.78%	2.11%	1.57	Nov-11
Barclays High Yield Credit Bond Index			0.51%	1.86%	9.97%	11.83%	-	-	13.56%	4.76%	2.62	Nov-11
S&P 500 TR			1.36%	6.61%	12.95%	13.45%	-	-	17.96%	9.74%	1.71	Nov-11
MSCI EAFE - Net			-0.95%	4.28%	18.81%	9.83%	-	-	11.26%	15.94%	0.72	Nov-11
MSCI EMF (Emerging Markets Free) - Net			-1.26%	0.11%	13.87%	0.29%	-	-	6.77%	18.45%	0.42	Nov-11

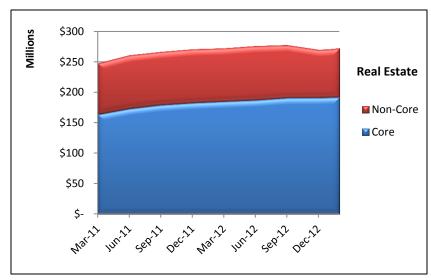
Employees' Retirement System of the State of Rhode Island Hedge Fund Portfolio Fund Level Performance Report 2/28/2013

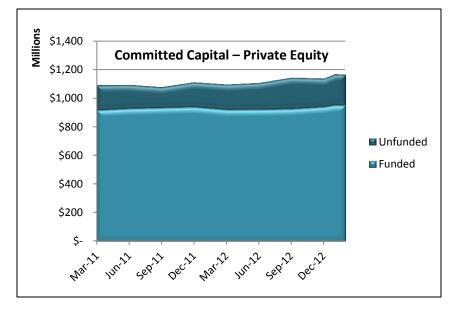
					_Tr	ailing Retui	rns		Calen	dar Year R	eturns		5 Yr	;	Sharpe Rati	0	Start
Fund	YTD	Feb	Jan	Dec	1 Year	3 Year	5 Year	2012	2011	2010	2009	2008	Std Dev	3 yr	5 yr	Incep.	Date
Global Equities																	
Ascend Partners Fund II LP	2.46%	0.47%	1.98%	0.08%	3.99%	1.40%	3.07%	2.50%	-3.02%	2.94%	13.61%	-3.58%	4.40%	0.27	0.53	0.95	Jan-04
Davidson Kempner Institutional Partners, LP	2.04%	0.67%	1.36%	0.69%	6.75%	5.57%	5.63%	6.75%	1.27%	9.17%	17.79%	-9.03%	4.75%	1.50	1.01	1.51	Mar-96
Elliott Associates, L.P. (HFR98)	1.81%	0.60%	1.20%	1.30%	11.40%	7.47%	9.20%	13.18%	3.94%	7.39%	30.85%	-3.08%	5.52%	2.39	1.48	1.82	Feb-77
Indus Asia Pacific Fund	3.51%	0.30%	3.20%	2.40%	3.87%	5.18%	1.01%	8.21%	-7.18%	7.36%	25.45%	-28.99%	9.17%	0.66	0.07	0.76	Dec-00
Mason Capital, Ltd.	5.10%	0.37%	4.71%	0.84%	-1.47%	4.03%	3.98%	-5.64%	4.20%	9.62%	25.16%	-15.42%	8.51%	0.62	0.41	0.74	Feb-02
PFM Diversified Fund, LP	4.20%	0.88%	3.29%	1.31%	5.60%	3.78%	4.40%	5.59%	-3.35%	4.36%	21.35%	-6.10%	7.26%	0.53	0.52	0.94	Nov-04
Samlyn Capital - Composite	5.27%	1.36%	3.86%	-0.22%	9.95%	4.58%	7.94%	10.49%	-5.05%	1.98%	23.57%	6.62%	8.96%	0.53	0.81	1.11	Mar-07
Third Point Partners L.P.	6.16%	1.30%	4.80%	3.50%	22.06%	19.07%	11.54%	21.12%	-0.54%	41.52%	38.14%	-32.84%	14.46%	1.61	0.77	1.26	Jun-95
Viking Global Equities	1.99%	-0.40%	2.40%	-0.50%	11.84%	9.30%	8.70%	12.86%	7.71%	3.67%	19.20%	-0.73%	6.84%	1.59	1.14	1.46	Oct-99
Real Return																	
BlueCrest Capital International Limited	-0.62%	0.17%	-0.79%	0.47%	3.55%	6.42%	13.62%	5.82%	6.10%	12.80%	45.41%	6.26%	5.41%	2.57	2.25	1.81	Dec-00
Brigade Leveraged Capital Structures Fund	0.66%	-0.35%	1.01%	1.31%	5.36%	5.32%	6.34%	6.91%	2.55%	7.66%	39.64%	-17.14%	7.62%	1.75	0.74	0.78	Jan-07
Brevan Howard L.P. (Series B)	3.11%	2.13%	0.96%	1.46%	5.50%	6.84%	7.55%	3.43%	11.33%	0.92%	17.10%	19.14%	5.70%	1.29	1.17	1.35	Sep-05
Capula Global Relative Value Fund Limited	1.72%	1.24%	0.47%	0.04%	3.41%	5.25%	6.37%	0.41%	6.19%	9.58%	12.24%	9.45%	4.69%	1.97	1.17	1.63	Oct-05
DE Shaw Composite International Fund	3.83%	2.40%	1.40%	2.80%	15.63%	7.46%	5.85%	14.05%	3.69%	1.56%	21.31%	-9.81%	6.74%	1.41	0.76	1.40	Mar-01
Gracie Credit Opportunities Fund L.P.	-1.90%	-0.30%	-1.60%	-0.75%	-7.46%	-1.20%	4.92%	-5.37%	0.10%	4.44%	16.18%	17.94%	6.21%	-0.46	0.67	1.08	Jul-04
Graham Discretionary - 6V Portfolio	1.62%	0.06%	1.56%	1.73%	3.70%	4.54%	7.73%	3.80%	3.56%	7.10%	17.13%	8.66%	4.70%	1.57	1.44	0.86	Jun-04
OZ Master Fund, Ltd	2.39%	0.40%	1.98%	1.02%	10.19%	6.58%	4.95%	11.13%	-0.48%	8.52%	23.11%	-15.92%	5.99%	1.71	0.70	1.70	Apr-94
Wexford Spectrum Fund, L.P.	1.15%	-1.00%	2.17%	1.96%	2.48%	3.80%	4.64%	4.71%	-3.44%	8.45%	30.76%	-13.87%	9.57%	0.53	0.44	0.94	Apr-97
Winton Futures Fund - USD Class B	2.67%	0.16%	2.51%	1.35%	-0.79%	6.54%	4.40%	-3.57%	6.29%	14.47%	-4.64%	21.01%	8.64%	0.79	0.45	0.71	Oct-97
Benchmarks																	
HFRI Fund of Funds Composite Index	2.27%	0.13%	2.13%	1.15%	3.65%	2.28%	-1.01%	4.72%	-5.72%	5.70%	11.47%	-21.37%	6.31%	0.43	-0.26	0.61	Jan-90
HFRI Fund Weighted Composite Index	2.67%	0.14%	2.52%	1.45%	4.11%	4.52%	2.33%	6.37%	-5.25%	10.25%	19.98%	-19.03%	7.69%	0.68	0.23	1.01	Jan-90
Market Indices																	
3 Month Libor - BOM	0.05%	0.02%	0.03%	0.03%	0.38%	0.37%	0.81%	0.42%	0.35%	0.35%	0.65%	2.79%	0.26%				Mar-86
Barclays Aggregate Bond Index	-0.20%	0.50%	-0.70%	-0.14%	3.13%	5.47%	5.53%	4.23%	7.86%	6.56%	5.93%	5.24%	3.52%				Jan-76
Barclays High Yield Credit Bond Index	1.86%	0.51%	1.34%	1.58%	11.83%	12.01%	11.34%	15.81%	4.98%	15.11%	58.21%	-26.15%	13.99%				Jul-83
S&P 500 (TR)	6.61%	1.36%	5.18%	0.91%	13.46%	13.50%	4.94%	16.00%	2.11%	15.06%	26.46%	-37.00%	18.87%				Jan-70
MSCI EAFE - Net - USD	4.28%	-0.95%	5.27%	3.20%	9.84%	6.85%	-1.26%	17.32%	-12.14%	7.75%	31.78%	-43.38%	23.21%				Dec-69
MSCI EM (EMERGING MARKETS) - Net - USD	0.11%	-1.26%	1.38%	4.89%	0.28%	6.60%	0.34%	18.22%	-18.42%	18.88%	78.51%	-53.33%	28.29%				Jan-99
meet zim (zimzi tem	370	2070		5070	0.2070	0.0070	3.3470	1 .3.22/0		. 5.5070	. 5.5170	33.0070	20.2070				

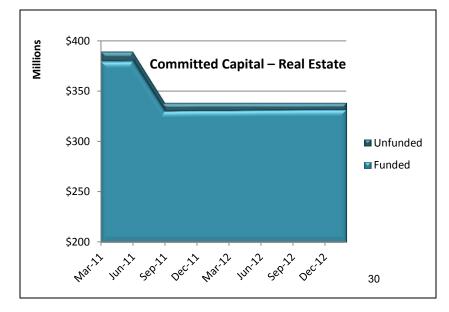
Note: The above is manager composite history.

## Strategy Exposure & Committed Capital – Private Equity & Real Estate









### State of Rhode Island Private Equity Unfunded Commitment February 2013

Partnership Investment	To	tal Commitment		Unfunded
Advent Global Private Equity Fund VII	\$	20,000,000.00	\$	16,170,000.00
Alta BioPhama Partners III	\$	15,000,000.00	\$	750,000.00
Alta Partners VIII	\$	15,000,000.00	\$	2,250,000.00
Aurora Equity Partners II**	\$	15,000,000.00	\$	-
Aurora Equity Partners III**	\$	15,000,000.00	\$	835,850.00
Avenue Special Situations Fund IV	\$	20,000,000.00	\$	-
Avenue V	\$	20,000,000.00	\$	-
Bain X	\$	25,000,000.00	\$	2,312,500.00
Birch Hill Equity Partners III*	\$	17,545,572.00	\$	846,530.27
Braemar Energy Ventures III	\$	10,000,000.00	\$	7,548,464.00
Castile III	\$	5,000,000.00	\$	475,000.00
Centerbridge	\$	15,000,000.00	\$	1,093,115.00
Centerbridge Special Credit Partners II	\$	25,000,000.00	\$	17,500,000.00
Charterhouse Capital Partners VIII*	\$	19,623,240.00	\$	2,602,420.72
Coller International Capital IV**	\$	15,000,000.00	\$	2,100,000.00
Coller International Capital V	\$	15,000,000.00	\$	3,270,000.00
Constellation III	\$	15,000,000.00	\$	557,595.74
CVC European Equity Partners Ill	\$	20,000,000.00	\$	899,966.00
CVC European Equity Partners IV*	\$	21,585,564.00	\$	2,545,743.22
CVC V	\$	26,164,320.00	\$	8,346,742.95
EnCap Energy Fund IX	\$	18,000,000.00	\$	17,892,000.00
Fenway Partners Capital Fund II	\$	15,000,000.00	\$	232,336.00
Fenway III	\$	15,000,000.00	\$	-
First Reserve Fund X	\$	20,000,000.00	\$	1.00
First Reserve Fund XI	\$	20,000,000.00	\$	25,959.00
Focus Ventures III	\$	15,000,000.00	\$	-0,707
Granite Global Ventures II	\$	15,000,000.00	\$	675,000.00
Granite Global Ventures III	\$	15,000,000.00	\$	375,000.00
Green Equity Investors V	\$	20,000,000.00	\$	1,731,092.72
Kayne Anderson Energy Fund III	\$	15,000,000.00	\$	366,426.00
Kayne Anderson Energy Fund IV	\$	15,000,000.00	φ \$	1,663,353.00
Leapfrog Ventures II	\$		φ \$	
Leady Weld Equity Partners IV		10,000,000.00	э \$	510,000.00
Lighthouse Capital Partners V	\$	10,000,000.00		14,335.00
-	\$	11,250,000.00	\$	787,500.00
Lighthouse Capital Partners VI LNK Partners	\$	15,000,000.00	\$	750,000.00
	\$	12,500,000.00	\$	744,957.52
Matlin Patterson Glb. Opp. Fund (CSFB)	\$	15,000,000.00	\$	-
MHR Institutional Partners III	\$	20,000,000.00	\$	7,815,795.00
Nautic Partners V	\$	20,000,000.00	\$	919,738.82
Nautic Partners VI	\$	20,000,000.00	\$	1,989,776.36
Nautic Partners VII	\$	20,000,000.00	\$	20,000,000.00
Nordic Capital Fund III*	\$	12,399,840.00	\$	-
Nordic Capital Fund V*	\$	19,120,296.36	\$	-
Nordic Capital Fund VI*	\$	19,623,240.00	\$	-
Nordic VII	\$	19,623,240.00	\$	3,991,585.82

Oaktree Capital Management Fund III	\$	20,000,000.00	\$	12,000,000.00
Palladin III	\$	10,000,000.00	\$	4,183,348.00
Parthenon Investors ll	\$	23,960,000.00	\$	1,953,022.00
Perseus VII	\$	15,000,000.00	\$	910,962.17
Point 406	\$	10,000,000.00	\$	1,520,000.00
Point Judith II	\$	5,000,000.00	\$	573,369.19
Providence Equity Partners III	\$	15,000,000.00	\$	1,938,956.00
Providence Equity Partners IV	\$	25,000,000.00	\$	1,990,215.00
Providence Equity Partners V	\$	25,000,000.00	\$	2,144,854.00
Providence Equity Partners VI	\$	25,000,000.00	\$	2,811,202.00
Providence Equity Partners VII	\$	25,000,000.00	\$	23,575,374.00
SKM Equity Fund II**	\$	10,000,000.00	\$	1,735,947.00
Summit Partners	\$	20,000,000.00	\$	10,100,000.00
Thomas McNerney & Partners	\$	15,000,000.00	\$	525,000.00
Thomas McNerney & Partners II	\$	15,000,000.00	\$	2,137,500.00
TPG Partners IV	\$	15,000,000.00	\$	1,104,001.00
TPG Partners V	\$	20,000,000.00	\$	2,693,170.00
TPG VI	\$	10,000,000.00	\$	3,211,866.00
Trilantic IV	\$	11,098,351.00	\$	1,632,472.17
VS&A Communication Partners III	\$	15,000,000.00	\$	-
W Capital Partners	\$	15,000,000.00	\$	880,500.00
W Capital Partners II	\$	15,000,000.00	\$	1,939,525.00
Wellspring Capital Partners III	\$	20,000,000.00	\$	21,112.00
Wellspring Capital Partners IV	\$	20,000,000.00	\$	2,232,921.00
WLR	\$	8,000,000.00	\$	1,099,498.00
Total Alternative Investments	\$	1,165,493,663.36	\$	213,448,176.66
	Ψ	-,200,70,000,00	Ψ	220,770,2/ 3100

### **State of Rhode Island Real Estate Unfunded Commitment February 2013**

Real Estate Partnership Investment	<b>Total Commitment</b>		Unfunded	
AEW	\$	35,000,000.00	\$	-
Fillmore East Fund I	\$	10,000,000.00	\$	-
Fremont Strategic Property Partners II	\$	15,000,000.00	\$	1,873,108.00
Hunt Investments (formerly Trecap)	\$	15,000,000.00	\$	2,155,117.00
JPMorgan Strategic Property Fund	\$	50,000,000.00	\$	-
JPMorgan Alternative Property Fund	\$	20,000,000.00	\$	-
LaSalle Income & Growth Fund IV	\$	15,000,000.00	\$	397,937.57
Magna Hotel	\$	4,000,000.00	\$	801,401.00
Morgan Stanley Prime Property Fund	\$	35,000,000.00	\$	-
Prudential Real Esate Investors (PRISA)	\$	50,000,000.00	\$	-
Starwood Hospitality Fund I	\$	10,000,000.00	\$	-
TA Realty Fund VIII	\$	15,000,000.00	\$	-
Tri Continential Fund VII	\$	15,000,000.00	\$	428,467.00
Walton Street Real Estate Fund V	\$	20,000,000.00	\$	-
Westbrook Real Estate Fund VI	\$	15,000,000.00	\$	79,399.00
Westbrook Real Estate Fund VII	\$	15,000,000.00	\$	1,500,000.00
	\$	339,000,000.00	\$	7,235,429.57

Section VII.

Cash Flow



#### **Monthly Valuation Change**

Period: 02/01/2013 - 02/28/2013

Category	Source Account Name	Closing Balance	Market Value Increase/(Decrease)	Transfer In/(Out)	Opening Balance
Grand Total		7,607,360,353.56	14,381,013.72	(41,307,967.40)	7,634,287,307.24
Total Global Equi	ty	4,081,771,043.48	6,967,379.52	0.00	4,074,803,663.96
Global Equity		3,515,940,785.10	3,423,240.03	0.00	3,512,517,545.07
	SSGA R3000 INDEX	1,727,701,357.03		0.00	1,705,027,506.70
	SSGA MSCI EAFE	1,211,974,425.24	(11,460,319.78)	0.00	1,223,434,745.02
	SSGA MSCI CANADA	133,794,147.24	(1,892,758.51)	0.00	135,686,905.75
	SSGA MSCI EM	442,470,855.59	(5,897,532.01)	0.00	448,368,387.60
Global Equity H	Hedge Funds	565,830,258.38	3,544,139.49	0.00	562,286,118.89
	ASCEND PTRS II	62,342,509.79	240,733.20	0.00	62,101,776.59
	DAVIDSON KEMPNER	66,279,220.70	444,714.47	0.00	65,834,506.23
	ELLIOTT ASSOCIATES	68,223,220.34	495,675.86	0.00	67,727,544.48
	INDUS ASIA PACIFIC	44,238,662.60	136,125.83	0.00	44,102,536.77
	MASON CAPITAL	59,880,040.95	236,684.55	0.00	59,643,356.40
	PFM DIVERSIFIED	63,498,519.55	570,748.17	0.00	62,927,771.38
	SAMLYN ON/OFFSHORE	69,242,649.28	960,840.88	0.00	68,281,808.40
	THIRD POINT PTRS	62,998,187.22		0.00	62,351,404.16
	VIKING GLOBAL EQUITI	69,127,247.95		0.00	69,315,414.48
Private Equity		568,298,799.24	(4,690,573.87)	(3,755,075.45)	576,744,448.56
Private Equity		568,298,799.24	(4,690,573.87)	(3,755,075.45)	576,744,448.56
	PRIVATE EQUITY	568,298,799.24	(4,690,573.87)	(3,755,075.45)	576,744,448.56
Total Fixed Incom	ne	1,097,330,581.13	5,663,087.78	0.00	1,091,667,493.35
<b>Fixed Income</b>		1,097,330,581.13	5,663,087.78	0.00	1,091,667,493.35
	MACKAY SHIELDS	547,327,934.60	2,879,347.05	0.00	544,448,587.55
	PYRAMIS GLOBAL ADV	550,002,646.53	2,783,740.73	0.00	547,218,905.80
Total Real Return		923,866,608.24	4,823,564.66	0.00	919,043,043.58
Alternative Abs	solute Return	386,428,950.97	4,135,628.44	0.00	382,293,322.53
	BLUE CREST CAP	21,196,480.10		0.00	20,994,421.75
	BREVAN HOWARD	81,066,875.22		0.00	79,315,454.86
	DE SHAW	61,453,935.48	1,577,158.10	0.00	59,876,777.38
	GRAHAM GLOBAL	52,756,261.57	31,435.49	0.00	52,724,826.08
	OZ DOMESTIC PTRS	86,755,181.59	935,615.87	0.00	85,819,565.72
	WEXFORD SPECTRUM	53,103,079.26	(408,926.59)	0.00	53,512,005.85
	WINTON FUTURE FD	30,097,137.75	46,866.86	0.00	30,050,270.89
Alternative Fixe	ed Income	140,392,264.31	359,686.08	0.00	140,032,578.23
	BRIGADE LEV CAP	52,673,095.73	(162,589.86)	0.00	52,835,685.59
	CAPULA GLOBAL	50,962,958.01	624,384.11	0.00	50,338,573.90
	GRACIE CREDIT FUND	36,756,210.57	(102,108.17)	0.00	36,858,318.74
Real Return		397,045,392.96	328,250.14	0.00	396,717,142.82
	BROWN BROTHERS HARR	397,045,392.96	328,250.14	0.00	396,717,142.82
Real Estate		272,129,979.77	1,886,677.47	(55,968.73)	270,299,271.03
Real Estate		272,129,979.77		(55,968.73)	270,299,271.03
	REAL ESTATE	272,129,979.77		(55,968.73)	<b>36</b> 270,299,271.03
Total Cash		614,568,688.34		(22,037,479.35)	636,548,340.53



### **Monthly Valuation Change**

Period: 02/01/2013 - 02/28/2013

Category	Source Account Name	Closing Balance	Market Value Increase/(Decrease)	Transfer In/(Out)	Opening Balance
Cash Accounts		614,568,688.34	57,827.16	(22,037,479.35)	636,548,340.53
	ERSRI CASH	613,478,349.34	57,827.16	(20,467,538.35)	633,888,060.53
	CITIZENS CASH	1,090,339.00	0.00	(1,569,941.00)	2,660,280.00
Total Other		41,522,674.28	(48,610.90)	(15,000,000.00)	56,571,285.18
Other		41,522,674.28	(48,610.90)	(15,000,000.00)	56,571,285.18
	RUSSELL OVERLAY FD	41,522,674.28	(48,610.90)	(15,000,000.00)	56,571,285.18
<b>Total Miscellaneous</b>		7,871,979.08	(278,338.10)	(459,443.87)	8,609,761.05
Miscellaneous Acc	counts	7,871,979.08	(278,338.10)	(459,443.87)	8,609,761.05
	RI TRANS ACCT	199,769.16	(2,793.06)	(137,459.10)	340,021.32
	SHOTT CAPITAL	5,294,246.15	(311,408.93)	(83,013.08)	5,688,668.16
	DOM EQUITY TRANS	74.25	0.00	(0.01)	74.26
	NON-US EQUITY TRANS	3,282.60	(91.09)	(7,691.60)	11,065.29
	FIXED INC TRANS	461,737.50	19,886.17	(125,500.66)	567,351.99
	BROWN BROS BOND	0.00	0.06	(168.34)	168.28
	MACKAY SHIELDS LLC	1,912,868.93	16,057.21	(28,906.72)	1,925,718.44
	TAPLIN CANIDA HAB	0.49	11.54	(76,704.36)	76,693.31



## **Custodian Inception To Date Valuation Change**

Period: 11/01/2012 - 02/28/2013

		1 61164 : 1176172			
Category	Source Account Name	Closing Balance	Market Value Increase/(Decrease)	Transfer In/(Out)	Opening Balance
Grand Total		7,607,360,353.56	383,247,468.66	(157,143,026.26)	7,381,255,911.16
Total Global Equi	itv	4,081,771,043.48	314,753,209.33	62,923.47	3,766,954,910.68
Global Equity	,	3,515,940,785.10	284,238,540.95	62,923.47	3,231,639,320.68
Olobai Equity	SSGA R3000 INDEX	1,727,701,357.03	143,287,523.12	6,607.15	1,584,407,226.76
	SSGA MSCI EAFE	1,211,974,425.24	112,604,104.37	24,067.11	1,099,346,253.76
	SSGA MSCI EM	442,470,855.59	26,249,444.60	29,320.96	416,192,090.03
	SSGA MSCI CANADA	133,794,147.24	2,097,468.86	2,928.25	131,693,750.13
Global Equity I		565,830,258.38	30,514,668.38	0.00	535,315,590.00
Olobai Equity i	SAMLYN ON/OFFSHORE	69,242,649.28	4,367,589.28	0.00	64,875,060.00
	VIKING GLOBAL EQUITI	69,127,247.95	1,572,467.95	0.00	67,554,780.00
	ELLIOTT ASSOCIATES	68,223,220.34	3,036,460.34	0.00	65,186,760.00
	DAVIDSON KEMPNER	66,279,220.70	2,232,940.70	0.00	64,046,280.00
	PFM DIVERSIFIED	63,498,519.55	5,430,999.55	0.00	58,067,520.00
	THIRD POINT PTRS	62,998,187.22	6,784,837.22	0.00	56,213,350.00
	ASCEND PTRS II	62,342,509.79	1,356,229.79	0.00	60,986,280.00
	MASON CAPITAL	59,880,040.95	3,166,840.95	0.00	56,713,200.00
	INDUS ASIA PACIFIC	44,238,662.60	2,566,302.60	0.00	41,672,360.00
Total Fixed Incom		1,097,330,581.13	(76,339.94)	1,482,609.33	1,095,924,311.74
Fixed Income		1,097,330,581.13	(76,339.94)	1,482,609.33	1,095,924,311.74
I ixed ilicollie	PYRAMIS GLOBAL ADV	550,002,646.53	(169,507.53)	1,482,609.33	548,689,544.73
	MACKAY SHIELDS	547,327,934.60	93,167.59	0.00	547,234,767.0
Total Real Return		923,866,608.24	30,325,734.19	0.00	
					893,540,874.05
Real Return		397,045,392.96	8,110,108.91	0.00	388,935,284.05
	BROWN BROTHERS HARR	397,045,392.96	8,110,108.91	0.00	388,935,284.05
Alternative Abs		386,428,950.97	21,245,700.97	0.00	365,183,250.00
	OZ DOMESTIC PTRS	86,755,181.59	4,479,956.59	0.00	82,275,225.00
	BREVAN HOWARD	81,066,875.22	4,344,500.22	0.00	76,722,375.00
	DE SHAW	61,453,935.48	6,593,235.48	0.00	54,860,700.00
	WEXFORD SPECTRUM	53,103,079.26	2,105,429.26	0.00	50,997,650.00
	GRAHAM GLOBAL	52,756,261.57	2,030,561.57	0.00	50,725,700.00
	WINTON FUTURE FD	30,097,137.75	1,463,037.75	0.00	28,634,100.00
	BLUE CREST CAP	21,196,480.10	228,980.10	0.00	20,967,500.00
Alternative Fix		140,392,264.31	969,924.31	0.00	139,422,340.00
	BRIGADE LEV CAP	52,673,095.73	1,139,995.73	0.00	51,533,100.00
	CAPULA GLOBAL	50,962,958.01	1,139,358.01	0.00	49,823,600.00
	GRACIE CREDIT FUND	36,756,210.57	(1,309,429.43)	0.00	38,065,640.00
Total Private Equ		840,428,779.01	22,546,614.41	(64,017,003.52)	881,899,168.12
Private Equity	& Real Estate	840,428,779.01	22,546,614.41	(64,017,003.52)	881,899,168.12
	PRIVATE EQUITY	568,298,799.24	13,991,190.81	(52,423,839.49)	606,731,447.92
	REAL ESTATE	272,129,979.77	8,555,423.60	(11,593,164.03)	275,167,720.20
Total Cash		614,568,688.34	(562,009.49)	(33,495,771.99)	648,626,469.82
Cash Accounts	s	614,568,688.34	(562,009.49)	(33,495,771.99)	38 648,626,469.82
	ERSRI CASH	613,478,349.34	(562,009.49)	(34,586,110.99)	648,626,469.82



## **Custodian Inception To Date Valuation Change**

Period: 11/01/2012 - 02/28/2013

Category	Source Account Name	Closing Balance	Market Value Increase/(Decrease)	Transfer In/(Out)	Opening Balance
	CITIZENS CASH	1,090,339.00	0.00	1,090,339.00	0.00
Total Other	,	41,522,674.28	16,776,999.02	(45,000,000.00)	69,745,675.26
Other		41,522,674.28	16,776,999.02	(45,000,000.00)	69,745,675.26
	RUSSELL OVERLAY FD	41,522,674.28	16,776,999.02	(45,000,000.00)	69,745,675.26
Total Miscellaneo	ous	7,871,979.08	(516,738.86)	(16,175,783.55)	24,564,501.49
Miscellaneous	Accounts	7,871,979.08	(516,738.86)	(16,175,783.55)	24,564,501.49
	SHOTT CAPITAL	5,294,246.15	213,790.01	4,093,816.54	986,639.60
	MACKAY SHIELDS LLC	1,912,868.93	309,109.47	(3,287,514.62)	4,891,274.08
	FIXED INC TRANS	461,737.50	645,066.68	(16,029,090.43)	15,845,761.25
	RI TRANS ACCT	199,769.16	(91,052.65)	(141,662.59)	432,484.40
	NON-US EQUITY TRANS	3,282.60	(89,495.86)	74,846.86	17,931.60
	DOM EQUITY TRANS	74.25	(66,717.51)	66,634.41	157.35
	TAPLIN CANIDA HAB	0.49	6,561.48	(79,259.25)	72,698.26
	BROWN BROS BOND	0.00	(1,271,132.15)	(629,969.37)	1,901,101.52
	FIDELITY MGMT	0.00	(64,776.86)	(351,063.60)	415,840.46
	BROWN BROS HARR	0.00	(108,091.47)	107,478.50	612.97

#### CASH FLOW ANALYSIS - INCOME & EXPENSES

#### Employees Retirement System

FISCAL YEAR 2013	FY 2012-13												
	TOTAL	Projected June	Projected May	Projected April	Projected March	Actual February	Actual January 2013	Actual December	Actual November	Actual October	Actual September	Actual August	Actual July 2012
MEMBER BENEFITS	839,089,400	70,000,000	70,000,000	70,000,000	70,000,000	69,700,687	69,847,694	69,843,970	69,849,685	69,952,061	70,150,727	70,338,986	69,405,592
ADMINISTRATIVE EXPENSES	7,329,948	897,153	474,315	568,054	1,080,787	550,670	552,758	617,477	611,739	442,410	541,540	705,326	287,720
INVESTMENT EXPENSES	5,053,893	420,419	173,652	405,876	666,823	220,096	59,358	445,386	85,286	1,078,332	334,436	209,630	954,598
TOTAL OUTFLOW	851,473,241	71,317,572	70,647,967	70,973,930	71,747,610	70,471,454	70,459,810	70,906,833	70,546,710	71,472,802	71,026,703	71,253,942	70,647,910
CONTRIBUTIONS	465,868,136	46,667,601	44,302,044	42,467,147	54,087,522	33,108,869	35,845,503	41,301,246	27,947,918	35,941,474	21,497,658	28,770,623	53,930,531
OTHER INCOME*	72,235,095	11,059,760	7,436,249	990,900	5,261,846	3,375,926	2,341,228	9,530,600	8,735,970	7,613,442	7,523,067	2,906,960	5,459,146
TOTAL INCOME	538,103,231	57,727,361	51,738,293	43,458,047	59,349,368	36,484,795	38,186,731	50,831,846	36,683,888	43,554,916	29,020,725	31,677,583	59,389,677
DIFFERENCE	(313,370,010)	(13,590,211)	(18,909,674)	(27,515,883)	(12,398,243)	(33,986,658)	(32,273,078)	(20,074,986)	(33,862,822)	(27,917,885)	(42,005,978)	(39,576,359)	(11,258,232)

#### Municipal Employees Retirement System

	TOTAL	Projected June	Projected May	Projected April	Projected March	Actual February	Actual January 2013	Actual December	Actual November	Actual October	Actual September	Actual August	Actual July 2012
MEMBER BENEFITS	84,359,439	7,000,000	7,000,000	7,000,000	7,000,000	7,123,762	7,129,449	7,060,546	7,042,964	6,997,104	7,109,456	7,007,580	6,888,578
ADMINISTRATIVE EXPENSES	1,439,665	174,971	92,345	110,375	209,477	110,253	109,675	122,747	121,378	87,420	106,647	138,204	56,172
INVESTMENT EXPENSES	991,595	81,994	33,809	78,864	129,243	44,067	11,778	88,538	16,922	213,079	65,861	41,076	186,366
TOTAL OUTFLOW	86,790,699	7,256,965	7,126,154	7,189,239	7,338,720	7,278,082	7,250,902	7,271,831	7,181,264	7,297,604	7,281,964	7,186,860	7,131,115
CONTRIBUTIONS	52,311,716	5,420,386	4,664,657	4,415,298	5,058,462	3,834,860	4,570,476	4,191,495	3,603,314	4,354,978	3,491,224	3,512,997	5,193,569
OTHER INCOME*	14,206,847	2,156,973	1,447,777	192,536	1,019,846	675,913	464,535	1,894,570	1,733,348	1,504,423	1,481,536	569,601	1,065,789
TOTAL INCOME	66,518,563	7,577,359	6,112,434	4,607,834	6,078,308	4,510,773	5,035,011	6,086,065	5,336,662	5,859,401	4,972,760	4,082,598	6,259,358
DIFFERENCE	(20,272,136)	320,395	(1,013,720)	(2,581,405)	(1,260,412)	(2,767,309)	(2,215,891)	(1,185,765)	(1,844,602)	(1,438,203)	(2,309,204)	(3,104,262)	(871,758)

### CASH FLOW ANALYSIS - INCOME & EXPENSES

State Police

State Police													
Retirement System	TOTAL	Projected June	Projected May	Projected April	Projected March	Actual February	Actual January 2013	Actual December	Actual November	Actual October	Actual September	Actual August	Actual July 2012
MEMBER BENEFITS	873,562	70,000	70,000	70,000	70,000	80,668	85,611	83,113	68,708	68,708	68,708	68,708	69,340
ADMINISTRATIVE EXPENSES	100,307	12,041	6,313	7,495	14,098	7,949	7,794	8,771	8,626	6,178	7,500	9,649	3,893
INVESTMENT EXPENSES	69,027	5,642	2,311	5,355	8,698	3,177	837	6,327	1,203	15,059	4,632	2,868	12,918
TOTAL OUTFLOW	1,042,897	87,683	78,624	82,850	92,796	91,794	94,242	98,211	78,536	89,945	80,840	81,225	86,151
CONTRIBUTIONS	4,638,562	475,000	500,000	485,000	750,000	270,668	270,611	273,113	288,708	278,708	263,708	408,708	374,340
OTHER INCOME*	993,580	148,433	98,967	13,074	68,636	48,734	33,014	135,383	123,185	106,322	104,193	39,765	73,875
TOTAL INCOME	5,632,143	623,433	598,967	498,074	818,636	319,402	303,624	408,496	411,893	385,030	367,901	448,473	448,215
DIFFERENCE	4,589,246	535,750	520,343	415,224	725,840	227,607	209,382	310,285	333,357	295,085	287,061	367,248	362,064

Judicial													
Retirement System		Projected	Projected	Projected	Projected	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
	TOTAL	June	May	April	March	February	January	December	November	October	September	August	July
							2013						2012
MEMBER BENEFITS	1,472,427	121,000	121,000	121,000	121,000	128,810	134,294	120,887	120,887	120,887	120,887	120,887	120,887
ADMINISTRATIVE	51,393	6,203	3,252	3,861	7,263	4,062	3,987	4,484	4,412	3,161	3,839	4,934	1,935
EXPENSES													
INVESTMENT	35,397	2,907	1,191	2,759	4,481	1,624	428	3,235	615	7,705	2,370	1,466	6,618
EXPENSES	35,391	2,907	1,191	2,759	4,481	1,024	420	3,233	615	7,705	2,370	1,400	0,010
2.11 2.10 2.0													
TOTAL OUTFLOW	1,559,218	130,110	125,442	127,620	132,743	134,496	138,709	128,606	125,915	131,753	127,096	127,287	129,440
CONTRIBUTIONS	2,667,427	196,000	196,000	196,000	276,000	213,810	209,294	215,887	210,887	215,887	210,887	325,887	200,887
OTHER INCOME*	509,470	76,466	50,983	6,735	35,358	24,905	16,887	69,215	63,011	54,401	53,324	20,337	37,848
TOTAL INCOME	3,176,898	272,466	246,983	202,735	311,358	238,715	226,181	285,102	273,899	270,288	264,211	346,224	238,735
DIFFERENCE	1,617,679	142,356	121,540	75,115	178,614	104,219	87,472	156,496	147,984	138,535	137,115	218,937	109,295

 $<sup>\</sup>star \text{includes}$  income from Real Estate Investments, Private Equity, and Cash Accounts,

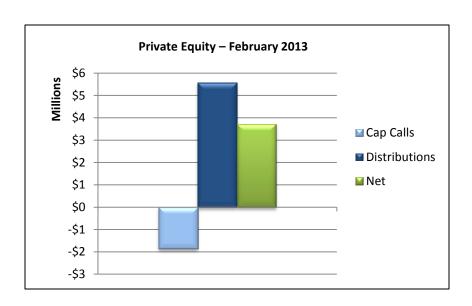
FISCAL YEAR 2013 INVESTMENT MANAGER FEES, PROFESSIONAL FEES & OPERATING EXPENSES

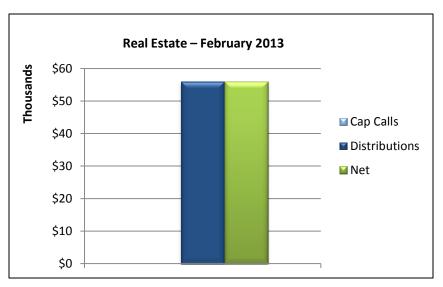
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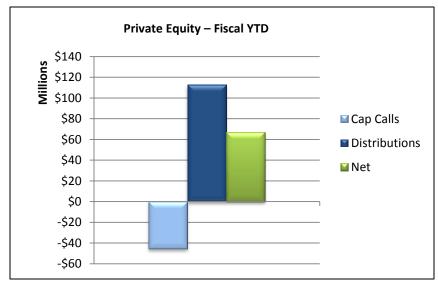
	Actual Jul 12	Actual Aug	Actual Sept	Actual Oct	Projected Nov	Projected Dec	Projected Jan 13	Projected Feb	Projected Mar	Projected Apr	Projected May	Projected June	Projected TOTAL
EQUITIES													
SSgA Russell 1000/S& ZU14 SSGA Russell 2000/3000 ZU06 Shott Capital ZU49			27,895 25,130 1,164			0 <b>49,972</b> 1,592			0 50,000 1,522			0 50,000 1,700	27,895 175,101 5,979
			54,189			51,564			51,522			51,700	208,975
FIXED INCOME  Brown Bros. 2U44  Pyramis ZU46  Taplin ZU84  Mackay Shields ZU59  Brown Bros.TIPS/GILB 2U69			183,058 143,469 205,941 215,552 108,086 856,105			0 157,589 <b>4,567</b> 190,881 <b>110,349</b> 463,387			0 139,160 0 199,536 103,456 442,152			0 140,446 0 185,000 115,000 440,446	183,058 580,663 210,509 790,969 <u>436,891</u> 2,202,090
INT'L EQUITIES  SSGA MSCI ACWI  SSGA MSCI EAFE  SSGA MSCI CAD  SSGA MSCI Emerg Mkts	0		97,138 24,067 2,928 29,321 153,454	0		0 84,679 9,901 106,470 201,050			0 85,000 10,000 110,000 205,000			0 85,000 10,000 110,000 205,000	97,138 278,746 32,829 <u>355,791</u> <b>764,504</b>
REAL ESTATE  L & B Real Estate ZU79	129,888	122,709	79,437	802,275	0	197,115	0	0	82 <b>,</b> 336	125,166	121,978	96,354	1,757,258
ALTERNATIVE INVESTMENTS Other Alt Inv Mgmt F ZU32	1,030,612	132,331	327,863	511,900	104,026	346,370	72,401	268,964	726,909	367,688	88,984	414,608	4,392,655
SUB TOTAL-INV MGMT FEES	1,160,500	255,040	1,471,048	1,314,175	104,026	1,259,486	72,401	268,964	1,507,920	492,854	210,962	1,208,107	9,325,483
PROFESSIONAL FEES													
Legal St St BankBNY Mellon - Cust Cliffwater ZU76 PCA/Russell PCA Real Estate	5,829 60,268 37,500 13,125 10,417 127,139	4,894 62,284 37,500 13,125 10,417 128,220	7,054 60,084 37,500 96,607 10,417 211,662	0 59,995 37,500 13,125 10,417 121,037	4,144 60,582 37,500 13,125 10,417 125,768	8,794 60,714 37,500 112,514 10,417 229,938	0 61,869 <b>37,500</b> <b>13,125</b> <b>10,417</b> 122,911	3,144 63,476 37,500 13,125 10,417 127,662	7,542 63,057 37,500 67,362 10,417 185,878	973 62,408 37,500 13,125 10,417 124,423	0 61,653 37,500 13,125 10,417 122,695	3,806 61,306 37,500 13,125 10,417 126,154	46,180 737,697 450,000 394,610 125,003 1,753,489
OPERATING EXPENSE Retirement Transfers Other Expense	202,402 202,402	724,514 7,150 731,664	466,139 5,925 472,064	517,108 0 517,108	571,641 6,250 577,891	545,622 5,925 551,547	545,053 0 545,053	537,772 7,500 545,272	1,063,383 0 1,063,383	574,404 4,500 578,904	456,372 6,250 462,622	818,188 <u>5,700</u> 823,888	7,022,599 49,200 7,071,799
TOTAL:	1,490,042	1,114,924	2,154,773	1,952,321	807,685	2,040,971	740,366	941,899	2,757,180	1,196,181	796,280	2,158,150	18,150,771

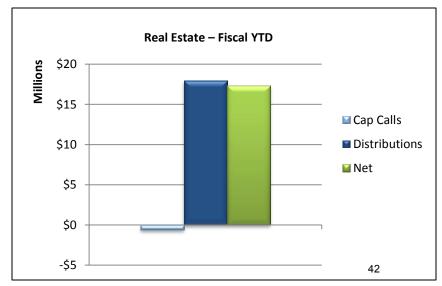
Note: Numbers in bold are actual.

# **Private Equity & Real Estate Cash Flow**





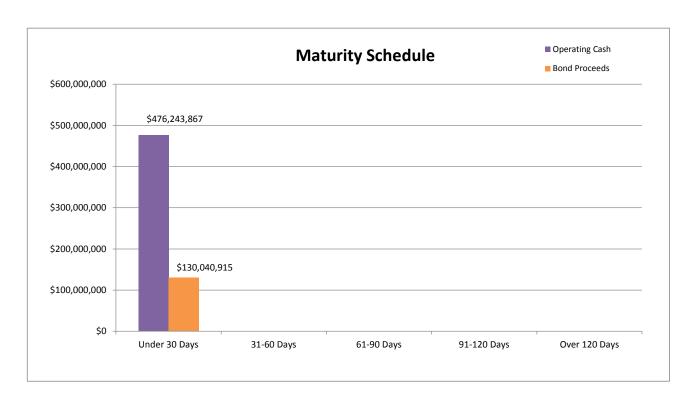




Section VIII.

**Short-Term Investments** 

## Short-Term Investment Maturity Schedule & SIC Compliance Report at February 28, 2013



Vendor	СР	CD	Agency	Money Mkt	PIP	Repo	GID	OSIP	Total (\$)
Guidelines-Total/Vendor	25%/10%	50%/20%	75%/35%	75%/35%	75%/35%	100%/20%	75%/35%	50%/50%	
OSIP	0	0	0	0	0	0	0	187,960,322	187,960,322
	0%	0%	0%	0%	0%	0%	0%	39%	39.47%
Bank RI	0	15,065,057	0	0	0	0	0	0	15,065,057
	0%	3%	0%	0%	0%	0%	0%	0%	3.16%
Sovereign Bank	0	0	0	0	121,147,512	0	0	0	121,147,512
	0%	0%	0%	0%	25%	0%	0%	0%	25.44%
JP Morgan Chase	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
Federated Investors	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
Fidelity	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
BlackRock	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
Wells Fargo	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
Citizens Bank	0	0	0	0	5,028,379	0	0	0	5,028,379
	0%	0%	0%	0%	1%	0%	0%	0%	1.06%
Webster Bank	0	0	0	0	96,865,987	0	0	0	96,865,987
	0%	0%	0%	0%	20%	0%	0%	0%	20.34%
Oppenheimer Inc	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
Washington Trust	0	25,154,687	0	25,021,924	0	0	0	0	50,176,610
	0%	5%	0%	5%	0%	0%	0%	0%	10.54%
TOTALS	-	40,219,743	-	25,021,924	223,041,878	-	-	187,960,322	476,243,867
(%) PORTFOLIO	0.00%	8.45%	0.00%	5.25%	46.83%	0.00%	0.00%	39.47%	100.00%

Note: PIP + CD must be under 75%.

Note: Maximum participation by any one vendor limited to 35% of total portfolio.

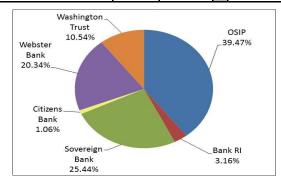
### State of Rhode Island **Short Term Cash Monthly Performance** Performance for

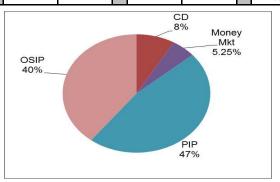
Performance for												
			y 01,	2013 to February 28	-							
Fund Name	Be	ginning Balance		Ending Balance	A	verage Daily Balance		Earnings	Yield(Annua			
CENTERAL FUND	<b>*</b>	244 226 046 25		452 407 726 77		470 220 072 20		F4 720 F2	0.27020/			
GENERAL FUND H.A.V.A	\$ \$	241,336,016.25 294.53		153,487,736.77 294.54	\$ \$	178,228,873.39 294.53	\$ \$	51,720.52 0.01	0.3783% 0.0443%			
					-							
GENERAL FUND (HIST PRES)	\$	537,011.34	\$		\$	537,011.34	\$	43.22	0.1049%			
HISTORIC TAX CREDITS	\$	1,202,119.89	\$	1,202,216.65		1,202,119.89	\$	96.76	0.1049%			
HIGHWAY FUND	\$	10,650,315.35	\$	13,552,536.08	\$	13,739,601.06	\$	2,220.73	0.2107%			
Γ.D.I. RESERVE (DET)	\$	74,838,099.16	\$	92,357,615.62	\$	90,343,157.32	\$	12,772.25	0.1843%			
EMPLOYER PENSION CONTRIBUTION	\$	-	\$	-			\$	-				
RICAP GL FUND 21	\$	118,480,991.49	\$	109,496,495.09	\$	111,802,420.06	\$	15,503.60	0.1808%			
BOND CAPITAL FUND	\$	1,566,329.27	\$	3,467,057.89	\$	3,802,043.56	\$	728.62	0.2498%			
R.I. CLEAN WATER ACT	\$	3,176,835.74	\$		\$	3,176,835.74	\$	219.11	0.0899%			
STATE LOTTERY FUND	Ś	43,996,664.33	\$	47,903,098.41		40,632,378.61	\$	6,434.08	0.2064%			
	\$		\$			7,755.06		,				
ASSESSED FRINGE BEN ADM	•	7,755.06				•	\$	0.31	0.0521%			
AUTO EQUIPMENT SERVICE	\$	401,136.29	\$	401,151.78	\$	401,136.29	\$	15.49	0.0503%			
IEALTH INSURANCE FUND	\$	31,760,428.48	\$	32,263,149.83	\$	34,010,428.48	\$	2,721.35	0.1043%			
LEET REVOLVING LOAN FUND	\$	7,606,818.21	\$	7,608,200.33	\$	7,606,818.21	\$	1,382.12	0.2369%			
MPLOYEES RETIREMENT	\$	145,938.38	\$	151,398.65	\$	17,245,938.38	\$	5,460.27	0.4127%			
MUNICIPAL EMPLOYEES RET.	\$	61,776.51	\$	12,145.00	\$	1,922,490.80	\$	368.49	0.2499%			
RETIREE HEALTH FUND	\$	2,488,947.81	\$	3,489,187.86	\$	2,988,947.81	\$	240.05	0.1047%			
OG RETIREE FUND	\$	9,180.67	\$	9,181.41	\$	9,180.67	\$	0.74	0.1051%			
	\$			,								
IIPTA HEALTH FUND		466.56	\$	466.60	\$	466.56	\$	0.04	0.1118%			
ERMANENT SCHOOL FUND	\$	1,432,485.92	\$	1,932,635.63	\$	1,861,057.35	\$	149.71	0.1049%			
EACHER RETIREE HEALTH FUND	\$	1,305,828.83	\$	805,924.28	\$	1,180,828.83	\$	95.45	0.1054%			
I ST POL RETIREE HEALTH	\$	717.61	\$	717.67	\$	717.61	\$	0.06	0.1090%			
I LEG RETIREE HEALTH	\$	195.03	\$	195.04	\$	195.03	\$	0.01	0.0668%			
I JUDICIAL RETIREE HEALTH	\$	15,132.70	\$	15,133.29	\$	15,132.70	\$	0.59	0.0508%			
INIVERSITY COLLEGE	\$	907,443.21	\$		\$		\$	73.04	0.1049%			
HIGHER EDUCATION	\$	305,507.28	\$		\$	1,669,792.99	\$	136.65	0.1067%			
NDUS. BLDG. & MTG. INS.	\$	3,652,023.29	\$	3,152,303.47	\$	3,473,451.86	\$	280.18	0.1052%			
Increting Funds Totals	\$	545,886,459.19	\$	476,243,866.85	\$	516,766,517.34	ć	100,663.45	0.254%			
perating Funds Totals	ş	343,860,433.13	ş	470,243,800.83	ş	310,700,317.34	Ş	100,003.43	0.234%			
.O. NOTE 1991 SER. B	\$	-	\$	-			\$	-				
CDL1993A	\$	7,386.11	\$	7,385.84	\$	7,385.65	\$	0.59	0.1041%			
OND CCDL 1994 SERIES A	\$	15,001.75	\$	15,001.21	\$	15,000.81	\$	1.21	0.1051%			
OND CCBL96A	\$	-	\$	· -			\$	_				
AP DEV OF 1997 SERIES A	\$	41,017.13	\$	41,015.64	\$	41,014.56	\$	3.30	0.1049%			
CDL1998A	\$	1,696,031.57	\$	1,695,969.97	\$	1,695,925.44	\$	136.51	0.1049%			
		1,030,031.37		1,053,505.57	ې	1,053,523.44		130.31	0.1045/6			
CDL 1998B	\$	-	\$	-			\$	-				
MMG099 1999	\$	-	\$	-			\$	-				
OND CAPITOL CCDL2000A	\$	102,396.12	\$	102,392.40	\$	102,389.71	\$	8.24	0.1049%			
MULTI-MODAL GEN OBL 2000	\$	-	\$	-			\$	-				
CDL2001C	\$	201,350.39	\$	201,343.08	\$	201,337.79	\$	16.21	0.1050%			
CDL2002B	\$	- ,	s .	- ,		, , , , ,	S	· .				
CDL 2004 SERIES A	\$	3,019,434.53	\$	3,016,321.34	\$	3,018,304.60	\$	242.95	0.1049%			
OND CCDL 2005 SERIES C	\$	7,269,047.80	\$	7,268,783.75	\$	7,268,592.92	\$	585.05	0.1049%			
OND CCDL 2005 SERIES E	\$	717,752.45	\$	717,726.38	\$	717,707.54	\$	57.77	0.1049%			
OND CCDL 2006 SERIES B	\$	-	\$	-			\$	-				
OND CCDL 2006 SERIES C	\$	2,634,865.34	\$	2,478,069.79	\$	2,575,959.11	\$	207.45	0.1050%			
O BND-NTAX 2007 SERIES A	\$	5,939,031.73	\$	5,938,815.99	Ś		\$	478.00	0.1049%			
O BND-TAX 2007 SERIES B	ć	-,255,052.75	Ś	2,550,015.55	7	3,330,000.00	Ś	-70.00	2.20.370			
	, ,	422 504 44	ب خ	424 645 22	,	424 042 02	ڊ خ		0.40400/			
O BND-NTAX 2008 SERIES B	\$	433,581.11		431,615.22	\$	431,812.90	\$	34.76	0.1049%			
O BND-TAX 2008 SERIES C	\$	-	\$	-			\$	-				
CDL10B BOND CAPITAL COMPONENT	\$	2,127,720.30	\$	1,932,099.33	\$	1,953,007.09	\$	157.24	0.1050%			
CDL10C	\$	161,545.15	\$	161,558.15	\$	161,545.15	\$	13.00	0.1049%			
CDL10D	\$		\$	103,924.30		103,921.58		8.36	0.1049%			
CDL2011A	ć	47,447,915.33	\$	43,679,074.12		44,276,513.39	\$	3,564.86	0.1050%			
	ب خ											
CDL2012B	\$	61,126,550.80	\$	60,302,598.77	>	60,766,258.23	\$	4,891.61	0.1049%			
LEAN WATER CCDL 1998B	\$	-	\$	-			\$	-				
LEAN WATER CCDL 1994 (A)	\$	-	\$	-			\$	-				
AP DEV. OF 1997 SERIES A	\$	-	\$	-			\$	-				
LEAN WATER CCDL 2002 B	Ś	-	\$	-			\$	-				
LEAN WATER 2004 SERIES A	Ś	222,547.21	\$	222,539.12	Ś	222,533.28	Ś	17.91	0.1049%			
LN WATER CCDL 2005 SER E	ć	,5-7.21	\$	,555.12	~	,555.20	ć	17.51	3.134370			
	, ,	-		-			ب	-				
AP DEV. OF 1997 SERIES A	\$	-	\$	-			>	-				
I POLLUT. CONT 94 SER. A	\$	-	\$	-			\$	-				
CDL99A 1999A	\$	205,313.33	\$	205,305.87	\$	205,300.48	\$	16.52	0.1049%			
OL. CTRL CCDL 2006 SER C	\$	-	\$	-			\$	-				
LEAN WATER 2007 SERIES A	\$	283,285.15	\$	283,274.86	Ś	283,267.42	\$	22.80	0.1049%			
I POLLUTION CONTROL 2008 B	\$	_55,255.15	\$	200,2700	7	200,207.42	\$	-	2.20.370			
	•	-	\$ \$	-			ب خ	-				
CCDL10B CLEAN WATER COMPONENT	\$						<b>ې</b>	-	0.46			
CDL2011A CLEAN WATER COMPONENT CDL2011A POLL CTRL CMPNT	\$ \$	1,236,145.86	\$ \$	1,236,099.49	\$	1,236,067.72	\$ \$	99.49	0.1049%			
				120 040 014 62	Ś	121 222 505 45	¢	10,563.83	0.105%			
ond Proceeds Fund Totals	Ś	134.991.847.24	Þ	130.040.914.67		131.222.303.43						
	\$	134,991,847.24		130,040,914.62		131,222,505.45		10,303.03				
ond Proceeds Fund Totals  ANS PROCEEDS  Grand Totals	\$ \$ \$	134,991,847.24	\$	606,284,781.47	\$	647,989,022.79	\$	111,227.28	0.2 <b>24</b> %			

#### State of Rhode Island Office of the General Treasurer Short-Term Investments

#### Issuer Credit Ratings February 28, 2013

_			Issuer Ratings	S-T Del	bt Rating	L-T D	ebt Rating	 Credit Outlook
Issuer	Type of Instrument*	Month End % Portfolio	Moody's	Moody's	S&P	Moody's	S&P	S&P
Bank RI	3,4	3.16%	N/R	N/A	N/A	N/A	N/A	N/A
Sovereign Bank	3,4	25.44%	Baa1	P-2	A-2	Baa1	BBB	Negative
Bank of America		0.00%	Baa2	P-2	A-2	Baa2	A-	Negative
JP Morgan Chase		0.00%	A2	P-1	A-1	A2	Α	Negative
Federated		0.00%	N/R	N/A	N/A	N/A	N/A	N/A
Fidelity		0.00%	N/R	N/A	N/A	N/A	N/A	N/A
BlackRock Inc.		0.00%	A1	P-1	A-1	A1	A+	Stable
State Street Bank & Trust Company		0.00%	Aa2	P-1	A-1+	Aa2	AA-	Negative
RBS Citizens	3,4	1.06%	А3	P-2	A-1	A3	Α	Stable
Webster Bank	3,4	20.34%	A3	P-2	A-2	A3	BBB	Stable
Oppenheimer		0.00%	N/A	N/A	N/A	B2	B+	Negative
Ocean State Investment Pool	6	34.47%	N/R	N/A	N/A	N/A	N/A	N/A
Washington Trust	3,7	10.54%	N/R	N/A	N/A	N/A	N/A	N/A
First Tennessee Bank		0.00%	Baa1	P-2	A-2	Baa1	BBB	Negative
Merrill Lynch	2,5,6	0.00%	Baa2	(P)P-2	A-2	Baa2	Α-	Negative
Morgan Stanley	1,2,5	0.00%	Baa1	P-2	A-2	Baa1	A-	Negative
UBS		0.00%	A2	P-1	A-1	A2	А	Stable





REPC	= Repurchase Agreement	1*
CP	= Commercial Paper	2*
CD	= Certificate of Deposit	3*
CoD	= Collateralized Deposit	4*
AG	= US Government Agency Note	5*
MM	= Government Money Market	6*
GID	= Government Insured Deposit	7*

## Moody's Short-Term Debt Ratings:

- P-1 Prime-1 have a superior ability for repayment of sr. S-T debt obligations
- P-2 Prime-1 have a strong ability for repayment of sr. S-T debt obligations
- P-3 Prime-1 have an acceptable ability for repayment of sr. S-T debt obligations
- NP Not Prime

### Moody's Issuer Rating Symbols:

- Aaa Offer exceptional financial security (high-grade)
- Aa Offer excellent financial security (high-grade)
- A Offer good financial security
- Baa Offer adequate financial security
  Ba Offer questionable financial security
- B Offer poor financial security
- Caa Offer very poor financial security
- Ca Offer extremely poor financial security
- C Lowest rated class, usually in default

## Moody's Long-Term Debt Ratings:

- Aaa Best Quality
- Aa High Quality
- A Posess many favorable investment attributes
- Baa Medium-grade obligations
- Ba Posess speculative elements
- Generally lack characteristics of desirable investments
- Caa Poor standing
- Ca Speculative in a high degree
- C Lowest rated class of bonds

#### Modifiers:

- 1 Higher end of letter rating category
- Mid-range of letter rating category
- 3 Lower end of letter rating category

## **Ratings Definitions**

### S&P Short -Term Credit Ratings:

- A-1 Highest rated, strong capacity to meet obligations
- A-2 Somewhat more susceptible to adverse effects of changes in financial conditions; satisfactory
- A-3 Exhibits adequate protection parameters
- B Significant speculative characteristics, faces major ongoing uncertainties
- C Vulnerable to non-payment
- D Payment default
- Modifiers:
- + or show relative standing within the category.

## S&P Outlook Definitions: Positive - A rating may be raised

- Negative A rating may be lowered
- Stable A rating is not likely to change
- Developing May be raised or lowered
- NM Not meaningful

#### S&P Long-Term Debt Ratings:

- AAA Highest rating, extremely strong
- AA Differs slightly from highest rating, very strong
- A More susceptible to adverse effects of change in economic condition, strong
- BBB Exhibits adequate protection parameters
- BB, B, Have significant speculative characteristics. BB least speculative
- CCC, CC, C C highest degree
- **D** Payment default Modifiers:
- + or show relative standing within the category.

Section IX.

D/C Plan

	nterim	Per	form	an	се	Sur	nm	ary	St	tate	of	Rh	ode	e Is	lan	d				
(A)	(B)	(C)	(D)	(E)	(F)	(G)			(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
		Mgr	AUM	Net	Net	Rev R	ecent Ret	urns as of	2/28/2013		Annualize	d Total R	Return as	of 12/31/	2012				Since	Incep.
	Ticker	Tenure	\$ Millions	ER	%-ile	Share	1 month	%-ile	YTD	%-ile	1 Year	%-ile	3 Year	%-ile	5 Year	%-ile	10 Year	%-ile	Incep.	Date
Stable Value/Guaranteed																				
TIAA Stable Value	Current Declared R	ate: 1.75	%																	
Money Market																				
Vanguard Prime Money Market Inv	VMMXX	9.50	122,509.84	0.16		0.00	-				0.04		0.05		0.68		1.83			06/04/75
Yields: 7-Day Yield: 0.01%																				
Citi 3-Month Treasury Bill Index							-		0.01		0.07		0.09		0.45		1.69			
FIXED INCOME																				
Intermediate-Term Bond																				
Vanguard Total Bond Market Index Signal	VBTSX	20.08	116,668.47	0.10	1	0.00	0.55	30	(0.15)	77	4.15	83	6.11	73	5.91	56			6.12	09/01/06
Barclays U.S. Aggregate Float Adjusted Index							0.51		(0.20)		4.32		6.26							
Intermediate-Term Bond Median				0.85			0.48		0.06		6.76		6.84		6.04					
Intermediate-Term Bond Number of Funds					1,271						1,166	1,166	1,002	1,002	876	875	616	613		
Inflation-Linked Bond																				
PIMCO Real Return Instl	PRRIX	5.08	25,662.28	0.45	16	0.00	0.25	5	(0.31)	26	9.25	6	9.53	5	7.90	2	7.13	3		01/29/97
Barclays US Treasury US TIPS TR USD							0.03		(0.64)		6.98		8.90		7.04		6.65			
Inflation-Protected Bond Median				0.76			0.08		(0.61)		6.38		8.21		6.34		6.08			
Inflation-Protected Bond Number of Funds					217						199	199	160	160	150	150	37	36		
Equity																				
Large Cap Blend - Index																				
Vanguard 500 Index Signal	VIFSX	21.08	118,503.39	0.05	0	0.00	1.35	31	6.60	45	15.97	35	10.85	15	1.68	26			3.27	09/29/06
S&P 500 TR							1.36		6.61		16.00		10.87		1.66					
Large Blend Median				1.15			1.18		6.55		15.31		9.20		0.85					
Large Blend Number of Funds					1,807						1,688	1,688	1,508	1,508	1,327	1,326	844	838		
Mid Cap Blend																				
Vanguard Mid Cap Index Signal	VMISX	14.67	32,028.03	0.10	2	0.00	1.37	32	8.14	44	16.02	55	12.62	29	3.15	40			3.00	03/30/07
MSCI U.S. Mid Cap 450 Index (GR USD)							1.56		8.51		16.04		12.68		3.19					
Mid-Cap Blend Median				1.25			1.06		7.96		16.43		11.61		2.53					
Mid-Cap Blend Number of Funds					441						412	412	357	352	310	309	200	195		



Ir	nterim	Per	form	an	ce	Su	mma	ary	St	ate	of	Rh	ode	e Is	lan	d				
(A)	(B)	(C)	(D)	(E)	(F)	(G)			(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
		Mgr	AUM	Net	Net	Rev F	Recent Retu	irns as of	2/28/2013		Annualized	d Total R	eturn as	of 12/31/	2012				Since	Incep.
	Ticker	Tenure	\$ Millions	ER	%-ile	Share	1 month	%-ile	YTD	%-ile	1 Year	%-ile	3 Year	%-ile	5 Year	%-ile	10 Year	%-ile	Incep.	Date
Small Cap Blend																				
Vanguard Small Cap Index Signal	VSISX	21.08	27,764.02	0.16	1	0.00	1.37	39	7.79	34	18.25	20	13.74	19	5.12	20			4.29	12/15/06
MSCI U.S. Small Cap 1750 Index (GR USD)							1.35		7.74		18.20		13.68		5.00					
Small Blend Median				1.31			1.24		7.40		15.36		11.87		3.22					
Small Blend Number of Funds					708						662	662	608	607	528	527	331	330		
Foreign Large Blend																				
TIAA-CREF International Eq Idx InstI	TCIEX	8.42	4,135.26	0.09	1	0.00	(1.36)	63	2.83	41	19.09	32	4.06	46	(3.33)	43	8.36	38		10/01/02
MSCI EAFE NR USD							(0.95)		4.28		17.32		3.56		(3.69)		8.21			
Foreign Large Blend Median				1.34			(1.17)		2.64		18.16		3.96		(3.59)		7.80			
Foreign Large Blend Number of Funds					830						786	786	713	713	590	589	326	325		
Diversified Emerging Markets																				
Vanguard Emerging Mkts Stock Idx Signal	VERSX	4.42	75,732.08	0.20	1	0.00	(1.74)	77	(1.13)	82	18.83	48	4.77	55	(0.87)	34			5.12	01/19/07
MSCI EM NR USD							(1.26)		0.11		18.22		4.66		(0.92)					
Diversified Emerging Mkts Median				1.62			(0.76)		0.57		18.71		5.06		(1.93)					
Diversified Emerging Mkts Number of Funds					659						552	552	360	358	251	250	151	150		
Miscellaneous Sector							_		_		_		_				_			
TIAA Real Estate Account	Variable Annuity	8.08	14,873.06	0.92		0.24	0.25		0.96		10.06		12.11		(2.63)		4.60			10/02/95
Allocation (Target Date Only)																				
Lifecycle																				
Vanguard Target Retirement Income Inv	VTINX	9.25	9,711.18	0.17	1	0.00	0.41	37	1.48	58	8.23	67	7.61	23	4.87	6			5.62	10/27/03
Vanguard Target Retirement Income Compos. Lx							0.43		1.50		8.42		7.70		4.83					
American Century LIVESTRONG Inc A	ARTAX	6.08	400.44	1.02	59	0.50	0.42	33	2.39	24	9.85	34	7.61	22	3.79	24			5.18	08/31/04
JPMorgan SmartRetirement Income InstI	JSIIX	6.67	611.13	0.59	14	0.10	0.12	74	1.58	51	10.30	27	7.49	29	4.64	7			5.32	05/15/06
T. Rowe Price Retirement Income	TRRIX	10.33	-	0.57	12	0.15	0.29	52	2.16	29	10.05	31	7.11	46	4.13	16	6.49	1		09/30/02
BlackRock LifePath Retirement Instl	STLAX	5.67	575.88	0.85	40	0.00	0.08	79	1.27	69	8.61	60	7.27	39	4.40	10	5.76	15		03/01/94
Fidelity Freedom Income	FFFAX	5.33	2,235.28	0.44	5		0.14	72	1.08	77	6.40	83	5.32	86	3.57	28	4.40	80		10/17/96
Retirement Income Median				0.93			0.33		1.59		9.09		7.03		2.73		4.96			
Retirement Income Number of Funds					286						281	281	257	257	187	187	21	21		



#### **Interim Performance Summary -- State of Rhode Island** AUM Mgr Net Net Rev Recent Returns as of 2/28/2013 Annualized Total Return as of 12/31/2012 Since Incep. Ticker \$ Millions ER Share 1 month %-ile YTD %-ile 1 Year %-ile 3 Year %-ile 5 Year %-ile 10 Year %-ile Incep. Date Tenure Vanguard Target Retirement 2010 Inv VTENX 6.58 6.434.89 0.17 0.00 0.45 2.15 47 10.12 45 8.25 12 3.73 13 06/07/06 8.30 Vanguard Target Retirement 2010 Compos. Lx 0.49 2.29 10.28 3.68 JPMorgan SmartRetirement 2010 Instl **JSWIX** 6.67 0.10 73 1.51 75 38 7.67 34 3.99 9 5.01 05/15/06 386.54 0.60 16 0.06 10.40 T. Rowe Price Retirement 2010 TRRAX 10.33 18 0.15 0.36 28 8.41 7 09/30/02 0.61 2.61 12.44 3.62 16 7.70 Fidelity Freedom 2010 **FFFCX** 5.33 6,061.76 0.59 15 0.14 58 2.34 34 10.43 37 7.13 53 2.76 44 6.01 16 10/17/96 Target Date 2000-2010 Median 0.92 0.18 2.12 9.73 7.14 2.54 5.61 Target Date 2000-2010 Number of Funds 139 117 117 153 145 145 139 14 14 Vanguard Target Retirement 2015 Inv 34 13 17 VTXVX 9.25 17,622.92 0.00 0.44 11 2.84 22 11.37 8.41 3.25 10/27/03 0.17 5.87 Vanguard Target Retirement 2015 Compos. Lx 0.56 3.05 11.51 8.41 3.16 American Century LIVESTRONG 2015 A 6.08 0.50 7.87 08/31/04 ARFAX 992.14 1.05 58 0.40 20 2.43 38 10.32 62 37 3.37 15 5.73 JPMorgan SmartRetirement 2015 Instl. **JSFIX** 6.67 1,003.76 0.66 13 0.10 0.18 65 2.05 62 12.71 14 8.74 3.95 1 5.17 05/15/06 T. Rowe Price Retirement 2015 13 30 8.88 11 TRRGX 8.92 0.66 0.15 0.38 3.11 13.81 3.42 5.94 02/27/04 53 54 42 Fidelity Freedom 2015 FFVFX 5.33 6.532.53 0.60 0.08 84 2.37 10.68 7.22 2.44 5.38 11/06/03 Target Date 2011-2015 Median 0.97 0.29 2.29 10.76 7.38 2.15 4.39 Target Date 2011-2015 Number of Funds 84 84 7 180 154 154 136 136 Vanquard Target Retirement 2020 Inv 36 8.54 22 16 VTWNX 6.58 17.324.43 0.17 0.00 0.53 3.36 20 12.35 2.81 06/07/06 5.06 Vanguard Target Retirement 2020 Compos. Lx 3.58 12.51 0.61 8.76 2.85 **American Century LIVESTRONG 2020 A** ARBMX 4.08 728.81 1.08 54 0.50 0.54 5 2.79 11.09 63 8.21 37 3.72 05/30/08 JPMorgan SmartRetirement 2020 Instl. **JTTIX** 6.67 1,908.33 0.69 13 0.10 0.24 43 2.64 49 14.58 9.36 3.80 3 5.21 05/15/06 T. Rowe Price Retirement 2020 10.33 15 0.38 29 3.52 9.24 3.08 10 TRRBX 0.70 0.15 15.01 8.17 09/30/02 BlackRock LifePath 2020 Instl 26 (0.06)81 1.77 58 19 20 03/01/94 STLCX 5.67 1,104.45 0.85 0.25 79 10.99 66 7.69 2.71 6.48 Fidelity Freedom 2020 FFFDX 5.33 13,721.37 0.64 10 0.14 2.66 48 11.77 45 7.58 63 1.72 59 6.88 10 10/17/96 Target Date 2016-2020 Median 1.04 0.21 2.64 11.54 7.91 2.08 6.17 Target Date 2016-2020 Number of Funds 221 208 208 179 179 132 132 21 21 Vanguard Target Retirement 2025 Inv 43 18 2.33 21 5.80 VTTVX 9.25 0.18 0.00 0.50 17 3.75 27 13.29 8.72 10/27/03 21,268.70 Vanguard Target Retirement 2025 Composite Lx 13.44 8.94 2.39 0.62 4.03 American Century LIVESTRONG 2025 A ARWAX 6.08 1,416.50 1.11 62 0.50 0.54 13 3.08 57 11.85 73 8.44 32 2.89 8 6.05 08/31/04 JPMorgan SmartRetirement 2025 Instl JNSIX 5.50 1,161.87 0.73 0.10 0.13 64 3.05 63 16.14 9.46 3.47 3.69 07/31/07 3.89 T. Rowe Price Retirement 2025 8.92 0.73 18 0.37 36 22 9.44 11 02/27/04 **TRRHX** 0.15 16.00 2.75 5.97 BlackRock LifePath 2025 Instl 29 80 2.21 89 12.07 68 **LPBIX** 2.58 30.46 0.85 0.25 11.79 06/30/10 Fidelity Freedom 2025 **FFTWX** 5.33 8,012.93 0.69 13 80.0 77 3.18 52 13.15 48 7.83 61 1.58 43 5.49 11/06/03



Target Date 2021-2025 Median

Target Date 2021-2025 Number of Funds

0.24

3.21

13.00

154

154

8.05

121

121

1.45

77

1.00

77

1.01

180

#### **Interim Performance Summary -- State of Rhode Island** (A) (P) AUM Mgr Net Net Rev Recent Returns as of 2/28/2013 Annualized Total Return as of 12/31/2012 Since Incep. Ticker \$ Millions ER %-ile Share 1 month %-ile YTD %-ile 1 Year %-ile 3 Year %-ile 5 Year %-ile 10 Year %-ile Incep. Date Tenure Vanguard Target Retirement 2030 Inv VTHRX 6.58 13.816.19 0.18 0.00 0.54 14 4.19 25 14.24 38 8.88 23 1.88 16 06/07/06 Vanguard Target Retirement 2030 Composite Lx 0.63 4.48 14.36 9.09 1.91 **American Century LIVESTRONG 2030 A** ARCMX 4.08 0.50 0.64 3.48 49 12.52 74 30 05/30/08 663.35 1.13 58 4 8.66 3.06 JPMorgan SmartRetirement 2030 Instl **JSMIX** 15 0.10 54 3.53 48 9.45 2.95 05/15/06 6.67 1,654.18 0.76 0.18 17.24 8 4.84 T. Rowe Price Retirement 2030 TRRCX 10.33 0.75 15 0.15 0.46 17 4.28 20 16.82 9.66 2.51 8.46 1 09/30/02 BlackRock LifePath 2030 Instl 5.67 23 (0.13)82 64 7.92 57 21 40 STLDX 963.42 0.85 0.25 2.36 13.08 1.74 6.64 03/01/94 Fidelity Freedom 2030 FFFEX 5.33 10.567.72 0.71 12 0.07 3.37 13.47 55 7.82 64 0.63 71 6.99 14 10/17/96 8.09 Target Date 2026-2030 Median 1.07 0.21 3.48 1.04 6.53 13.66 Target Date 2026-2030 Number of Funds 16 221 208 208 179 179 132 132 16 Vanguard Target Retirement 2035 Inv VTTHX 9.25 15,217.68 0.19 0.00 0.55 19 4.61 18 15.16 40 9.03 15 1.66 23 6.03 10/27/03 Vanguard Target Retirement 2035 Composite Lx 0.64 4.93 15.27 9.24 1.70 **American Century LIVESTRONG 2035 A** 6.08 5 19 ARYAX 1.011.87 1.16 65 0.50 0.66 3.88 62 13.34 79 8.96 2.12 11 6.21 08/31/04 JPMorgan SmartRetirement 2035 Instl. 22 62 SRJIX 5.50 772.54 0.79 0.10 0.13 3.80 18.16 9.55 2.94 3.16 07/31/07 T. Rowe Price Retirement 2035 8.92 19 0.43 25 28 17.35 9.72 2.34 8 02/27/04 TRRJX 0.77 0.15 4.48 5.90 BlackRock LifePath 2035 Instl 0.85 27 (80.0)87 2.72 91 13.85 68 06/30/10 LPJIX 2.58 22.40 0.25 13.03 Fidelity Freedom 2035 FFTHX 5.33 5,469.23 0.75 16 0.08 3.80 14.45 61 7.72 74 0.42 67 5.25 11/06/03 Target Date 2031-2035 Median 1.05 0.20 4.13 14.87 8.28 0.84 1.00 Target Date 2031-2035 Number of Funds 77 77 180 154 154 121 121 9.06 Vanguard Target Retirement 2040 Inv VFORX 6.58 8,797.27 0.19 0.00 0.50 21 4.83 12 15.56 31 19 1.73 12 4.39 06/07/06 Vanguard Target Retirement 2040 Composite Lx 15.58 9.27 1.72 0.64 5.16 American Century LIVESTRONG 2040 A ARDMX 4.08 5 4.23 14.22 9.23 05/30/08 449.20 1.20 62 0.50 0.73 54 67 15 2.91 JPMorgan SmartRetirement 2040 Instl. SMTIX 6.67 0.79 18 0.10 0.06 67 3.90 65 18.29 9.59 2.88 05/15/06 1.145.90 27 34 17.55 3 2.37 5 T. Rowe Price Retirement 2040 10.33 0.78 16 0.15 0.40 4.61 9.74 8.39 09/30/02 TRRDX 47 BlackRock LifePath 2040 Instl 773.55 22 0.25 (0.21)94 2.85 84 14.73 57 8.07 54 0.87 33 6.73 03/01/94 STLEX 5.67 0.85 Fidelity Freedom 2040 FFFFX 5.33 6.675.33 0.75 12 70 3.75 71 14.53 61 7.78 67 0.17 69 7.14 14 09/06/00 1.10 Target Date 2036-2040 Median 0.22 4.34 14.91 8.13 0.57 6.67



Target Date 2036-2040 Number of Funds

16

16

175

175

204

204

125

125

217

#### **Interim Performance Summary -- State of Rhode Island** AUM Mgr Net Net Rev Recent Returns as of 2/28/2013 Annualized Total Return as of 12/31/2012 Since Incep. Ticker \$ Millions ER %-ile Share 1 month %-ile YTD %-ile 1 Year %-ile 3 Year %-ile 5 Year %-ile 10 Year %-ile Incep. Date Tenure Vanguard Target Retirement 2045 Inv VTIVX 9.25 8.758.00 0.19 0.00 0.53 22 4.88 22 15.58 43 9.08 14 1.71 22 10/27/03 Vanguard Target Retirement 2045 Composite Lx 0.64 5.16 15.58 9.27 1.72 **American Century LIVESTRONG 2045 A** AROAX 6.08 0.50 0.73 5 4.44 14.71 73 9.37 1.77 18 08/31/04 659.15 1.23 67 54 6.28 JPMorgan SmartRetirement 2045 Instl **JSAIX** 5.50 0.79 20 0.10 63 3.98 71 9.55 3 3.25 07/31/07 373.54 0.13 18.42 3.39 T. Rowe Price Retirement 2045 TRRKX 7.67 0.78 17 0.15 0.38 31 4.56 44 17.62 9.75 2.38 6 5.76 05/31/05 BlackRock LifePath 2045 Instl 2.58 25 (0.15)94 3.22 53 LPHIX 10.66 0.85 0.25 15.34 14.21 06/30/10 Fidelity Freedom 2045 **FFFGX** 5.33 2.374.98 0.76 15 77 3.99 70 14.79 71 7.74 77 0.10 69 2.80 06/01/06 Target Date 2041-2045 Median 1.06 4.48 8.31 0.58 1.00 0.22 15.46 179 76 Target Date 2041-2045 Number of Funds 145 145 120 120 76 1 Vanguard Target Retirement 2050 Inv VFIFX 6.58 3.819.90 0.19 0.00 0.54 18 4.85 26 15.58 44 9.07 17 1.71 18 4.46 06/07/06 Vanguard Target Retirement 2050 Composite Lx 0.64 5.16 15.58 9.27 1.72 **American Century LIVESTRONG 2050 A** 4.59 ARFMX 4.08 227.34 1.25 63 0.50 0.74 15.10 60 9.48 2.29 05/30/08 JPMorgan SmartRetirement 2050 Instl. **JTSIX** 71 5.50 341.29 0.79 16 0.10 0.06 72 3.91 18.37 9.66 3.26 3.43 07/31/07 T. Rowe Price Retirement 2050 6.08 25 42 17.55 9.76 2.37 6 TRRMX 0.78 16 0.15 0.45 4.60 3.10 12/29/06 BlackRock LifePath 2050 Instl 23 (0.25)95 3.34 28 8.20 53 06/30/08 STLFX 4.58 149.50 0.85 0.25 86 16.05 2.54 Fidelity Freedom 2050 FFFHX 5.33 1.995.16 0.77 15 75 4.05 15.06 61 7.67 79 (0.36)79 2.48 06/01/06 Target Date 2046-2050 Median 1.10 0.18 4.54 15.41 8.21 0.51 6.67 Target Date 2046-2050 Number of Funds 139 79 79 201 177 177 139 6 Vanguard Target Retirement 2055 Inv VFFVX 2.42 479.40 0.19 0.00 0.54 30 4.84 27 15.58 48 11.67 08/18/10 Vanguard Target Retirement 2055 Composite Lx 15.58 0.64 5.16 Vanguard Target Retirement 2060 Inv VTTSX 1.00 0.00 31 30 01/19/12 0.18 0.53 4.81 10.68 56.04 Vanguard Target Retirement 2060 Composite Lx 0.64 5.16

Source: Morningstar & TIAA-CREF

Target Date 2051+ Number of Funds

Typical IPS Measurable Category

= Fund included based on client request

American Century LIVESTRONG 2055 A

JPMorgan SmartRetirement 2055 Instl

T. Rowe Price Retirement 2055

BlackRock LifePath 2055 Instl

Fidelity Freedom 2055

Target Date 2051+ Median

Net ER = Net expense ratio

20.46

4.50

3.04

102.80

1.26

0.79

0.78

0.85

0.78

1.04

70

23

22

31

22

129

0.50

0.10

0.15

0.25

0.72

0.12

0.46

(0.30)

0.21

71

35

95

83

4.70

3.96

4.55

3.53

4.15

4.59

38

83

53

98

76

15.23

17.60

16.46

15.32

15.51

102

64

20

56

102

9.79

8.35

25

25

2.36

(1.56)

11

1.00

availble at www.vanguard.com

AREMX

JFFIX

TRRNX

**LPVIX** 

**FDEEX** 

1.83

1.00

6.08

2.58

1.58

Note: Rankings shown for returns are calculated by Morningstar. Rankings for expense ratio are calculated by TIAA-CREF and may differ based on calculation methods

Mgr Tenure, AUM, Net ER, Net %-ile, Rev Share data as of 12/31/2012



4.49

11.59

3.09

14.49

2.27

04/01/11

01/31/12

12/29/06

06/30/10

06/01/11

<sup>-</sup>Tracking error calculated using "Morningstar Analyst Assigned Benchmark"

<sup>-</sup>Vanguard Composite Index Data from Vanguard Fact Sheets

Section XI.

**OPEB Trust** 

Report ID: IPM0005

Reporting Currency: USD

## TOTAL NET OF FEES

2/28/2013

								Annı			
Account Name Benchmark Name		Market Value	% of Total	Month	Fiscal YTD	1 Year	3 Years	5 Years	10 Years	ITD	Inception Date
BROWN BROS HARR Barclays U.S. Aggregate Bond Index		36,413,839.1	64.2	0.55 <i>0.50</i>	2.97 1.60	4.65 3.12				6.55 <i>5.4</i> 2	7/1/2011 7/1/2011
SSGA S&P 500 INDX S&P 500 - Total Return Index		20,328,016.9	35.8	1.35 1.36	12.89 12.95	13.40 13.46				10.84 <i>8.</i> 33	5/1/2011 5/1/2011
Total OPEB OPEB Custom Blend	1	56,741,856.0	100.0	<b>0.85</b> <i>0.80</i>	<b>6.36</b> 5.51	<b>7.72</b> 6.69				<b>8.05</b> 5.12	<b>5/1/2011</b> 5/1/2011



Report ID: IPM0005

Reporting Currency: USD

## **END NOTES**

2/28/2013

1 RI7GX0903OPE OPEB Custom Blend

65% Barclays Aggregate and 35% S&P 500

Report ID: IPM0005

Reporting Currency: USD

## **TOTAL NET OF FEES**

2/28/2013

			Cumulative ————————————————————————————————————									
Account Name Benchmark Name		Market Value	% of Total	YTD	Month	1/1/2013 - 1/31/2013	12/1/2012 - 12/31/2012	2012	2011	2010	Inception Date	
BROWN BROS HARR Barclays U.S. Aggregate Bond Index		36,413,839.1	64.2	0.10 -0.20	0.55 <i>0.50</i>	-0.44 -0.70	-0.13 -0.14	6.54 <i>4.21</i>			7/1/2011 7/1/2011	
SSGA S&P 500 INDX S&P 500 - Total Return Index		20,328,016.9	35.8	6.58 <i>6.61</i>	1.35 1.36	5.16 <i>5.18</i>	0.91 <i>0.91</i>	15.96 <i>16.00</i>			5/1/2011 5/1/2011	
Total OPEB OPEB Custom Blend	1 2	56,741,856.0	100.0	<b>2.39</b> 2.17	<b>0.85</b> 0.80	<b>1.52</b> <i>1.36</i>	<b>0.23</b> <i>0.23</i>	<b>9.74</b> 8.30			<b>5/1/2011</b> 5/1/2011	



Report ID: IPM0005

Reporting Currency: USD

## **END NOTES**

## 2/28/2013

1 RI/G10000000	Total OPEB	YTD - Calendar Year to Date
		Month - Current Month
		Cumulative Months - Prior Month and Second Prior Month
		2011, 2010, 2009 - Calendar Years
2 RI7GX0903OPE	OPEB Custom Blend	65% Barclays Aggregate and 35% S&P 500