# STATE OF RHODE ISLAND INVESTMENT COMMISSION MEETING 

DATA AT
May 31, 2012
June 27, 2012
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

## AGENDA



# State of Rhode Island and Providence Plantations <br> 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, June 27, 2012 at 9:00 a.m. in Room 135 of the State House.

## AGENDA

- Chairperson Call to Order
- Mcmbership Roll Call
- Approval of Minutes
- State Investment Commission Meeting held on May 23, 2012*
- 457 Presentations*
- General Consultant --Fixed Income Update
- Alternative Consultant - Real Estate*
- Wellington Recommendation*
- Legal Counsel Report
- Chief Investment Officer Report - RFP Update
- Treasurer's Report
- Optional Fiduciary Training Offered
* Commission members may be asked to vote on this item.

POSTED ON FRIDAY, JUNE 22, 2012

## APPROVAL OF MINUTES

State Investment Commission<br>Monthly Meeting Minutes<br>Wednesday, May 23, 2012<br>9:00 a.m.<br>Room 135, State House

The Monthly Meeting of the State Investment Commission (SIC) was called to order at 9:05 a.m., Wednesday, May 23, 2012 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, Ms. Paula McNamara, Mr. Andrew Reilly and General Treasurer Gina Raimondo. Mr. Giudici arrived at 10:16 a.m.

Also in attendance: Ms. Maggie Littlefield Sahlman and Mr. David McKenna, of Advent International; Mr. Bernie Buonanno, Mr. Habib Gorgi and Mr. Scott Hillinski, of Nautic Partners; Mr. Allan Emkin and Mr. John Burns, of Pension Consulting Alliance (PCA), General Policy Consultant to the Commission; Mr. Steve Nesbitt and Mr. Thomas Lynch of Cliffwater, Alternative Investment Consultant to the Commission; Ms. Lisa Tyrell of State Street Corporation; Kenneth Goodreau, chief investment officer and members of the Treasurer's staff and the Office of the Auditor General.

Treasurer Raimondo called the meeting to order at 9:05 a.m.

## II. Approval of Minutes

On a motion by Mr. Reilly and seconded by Mr. Fay, it was unanimously
VOTED: To approve the draft of the minutes of the April 25, 2012 meeting of the State Investment Commission. Mr. Giudici was not present for the vote.

## III. Advent International Presentation

Mr. McKenna introduced Advent, and explained their focus is on control-oriented business transformation opportunities in select sectors that produce absolute returns. He mentioned EBITDA growth and its composition for European investments.
Ms. Littlefield Sahlman walked through the firm's competitive landscape and described the firm's breakdown of personnel and sector focus.
Mr. McKenna discussed the firm's operating expertise and described the operating partner program. He walked through the firm's deal types and their sector-based breakdown.
Treasurer Raimondo asked about specifics on Fund VI. Ms. Sahlman and Mr. McKenna walked through metrics.
Treasurer Raimondo asked about the realization on investments and their expected time horizon. Ms. Sahlman referenced the presentation for benchmarking, current investment performance and overall positive outlook on performance of open funds.

Mr. Goodreau asked about investment overlap between funds VI and VII. Ms. Sahlman stated the COO decides fund allocation and that it is a technical process.
Treasurer Raimondo asked about distributions paid in and cash multiples. Ms. Sahlman and Mr. McKenna explained the funds' leverage and entry price points.
Ms. Littlefield Sahlman and Mr. McKenna left the room.
Treasurer Raimondo asked Mr. Lynch how he decided the amount for investment to be granted to Advent International. Mr. Lynch responded by noting the $\$ 150$ million that will be committed to private equity, with the intention of six to seven investments, thus the roughly $\$ 20$ million for each LP.

On a motion by Mr. Costello and seconded by Ms. Booth Gallogly, it was unanimously VOTED: to commit $\mathbf{\$ 2 0}$ million to Advent International, for investment in GPE VII predicated on satisfactory completion of all due diligence. Mr. Giudici was not present for the vote.

## IV. Pension Consulting Alliance-Fixed Income Presentation

Mr. Emkin updated the board about the current and forecasted economic landscape. Mr. Emkin and other investment collogues do not believe inflation will fall below $2.3 \%$ anytime in the foreseeable future, a challenge for the $7.5 \%$ annual return projection.
He made four proposals: 1) fixed income in portfolio should match up with the role of the asset, 2) inflation sensitive securities should be added to the real return portfolio, 3) inflation linked equity assets to the real return portfolio, 4) and there should be a modest reduction in growth equity.
Mr. Kenneth Goodreau explained some of these changes are simply a reassignment of bucketing in terms of asset allocation.
Mr. Emkin said these changes would significantly reduce interest rate risk, helping the pension fund to achieve a goal of CPI $+4 \%$, whereas the current portfolio is lucky to achieve CPI + 50bp.
He highlighted the inclusion of MLPs in the portfolio for active management and inflation hedging. He stressed returns will be smoothed and yield will most likely increase looking ahead.
Ms. Booth Gallogly asked how these changes might affect fees. Both Mr. Goodreau and Mr. Emkin explained there will be no significant change in fees.

On a motion by Mr. Reilly and seconded by Ms. Booth Gallogly, it was unanimously
VOTED: To accept the changes in portfolio composition and asset allocation on page 4 of PCA's presentation.

## V. Nautic Partners Presentation

Mr. Gorgi stated that the goal for investments is a 2.5 x growth in invested capital. Mr. Buonanno described the existing relationship between ERSRI and Nautic Partners given its investments in funds $V$ and $V I$. He then gave an update on the investment themes in funds V and VI.

Treasurer Raimondo asked about closing dates and distributions. Mr. Buonanino explained Nautic is putting the LPs first and distributing all of their capital before any MP distribution. Ms. Booth Gallogly asked about duration, and Mr. Hillinksi explained, if IRR is increasing with time, it is apparent that there was some value to be unlocked.

On a motion by Mr. Fay and seconded by Mr. Reilly, it was unanimously VOTED: to commit $\$ 20$ million to Nautic Partners VII, predicated on satisfactory completion of all due diligence.

## VI. CIO Report

Mr. Goodreau reported he and his team are reviewing RFP responses and they have met with all four respondents. Mr. Goodreau added the contract with State Street needs to be extended for price protection, even while considering other options.
Ms. Paula McNamara asked about the other vendors under consideration. Mr. Goodreau responded that the other vendors are JPMorgan, Northern Trust Company and Bank New York Mellon.
Mr. Goodreau stressed each proposal must be properly considered relative to the others, to compare apples to apples. Treasurer Raimondo concluded her staff needs more time to make sure comparison is done properly.

On a motion by Mr. Costello and seconded by Mr. Fay, it was unanimously VOTED: to extend the existing contract with State Street.

## IX. Legal Counsel Report

There was no legal update.

## XII. Adjournment

There being no other business to come before the Board, on a motion by Mr. Costello and seconded by Ms. Booth Gallogly the meeting adjourned at 11:00 a.m.

Respectfully submitted,

Gina M. Raimondo
General Treasurer

## STAFF SUMMARY

## RHODE ISLAND STATE INVESTMENT COMMISSION <br> STAFF SUMMARY ANALYSIS <br> PORTFOLIO HIGHLIGHTS

May 31, 2012

## PORTFOLIO PERFORMANCE

## May

The ERSRI portfolio posted a $3.87 \%$ loss for the month of May, against the policy index of $-4.89 \%$. Glopbal Equities lost $7.06 \%$, the Fixed Income asset class returned $0.41 \%$, and the Real Return class returned $0.66 \%$.
If we factor out PE \& RE investments, due to the way they are monitored, the plan performance was $-4.40 \%$ against its $-4.54 \%$ index.

## Calendar Year to Date

For the five months ending May 31, 2012, the portfolio is up 2.46\% against the policy index of $2.01 \%$. Global Equities were up $2.30 \%$, fixed income returned $3.70 \%$, while Real return generated a return of $3.62 \%$.

## Fiscal Year to Date

For the Fiscal Year ended June 30, 2012, the fund has lost 1.23\%, against the policy index of $-1.46 \%$.

| Index Performance Summary - May 31, 2012 |  |  |
| :--- | :---: | ---: |
| Market Indices | May-12 | Calendar <br> YTD |
| Global Equity |  |  |
| S \& P 500 | $-6.01 \%$ | $5.16 \%$ |
| MSCI AC World | $-8.97 \%$ | $0.68 \%$ |
| Russell 2000 | $-6.62 \%$ | $3.37 \%$ |
| MSCI ACWI ex US | $-11.48 \%$ | $-3.79 \%$ |
| Policy Index | $-4.54 \%$ | $2.74 \%$ |
|  |  |  |
| Fixed Income | $0.90 \%$ | $2.33 \%$ |
| BC AGG | $-1.78 \%$ | $1.26 \%$ |
| HFRI Fund Wgt Com |  |  |
| Real Return |  | $3.51 \%$ |
| CPI +4\% | $0.21 \%$ |  |


| ERSRI Performance By Asset Class | May-12 | Calendar <br> YTD |
| :--- | :---: | :---: |
| Global Equity | $-7.06 \%$ | $2.30 \%$ |
| Fixed Income | $0.41 \%$ | $3.70 \%$ |
| Real Return | $0.66 \%$ | $3.62 \%$ |
| Total Fund Composite* | $\mathbf{- 4 . 4 0 \%}$ | $\mathbf{2 . 4 1 \%}$ |
| Manager Summary | May-12 | CYTD |
| GLOBAL EQUITY |  |  |
| SSgA S\&P 500 |  |  |
| Russell Overlay | $-6.00 \%$ | $5.19 \%$ |
| Wellington Technical Eq | $-0.09 \%$ | $-0.02 \%$ |
| Russell 2000 Index | $-6.09 \%$ | $3.90 \%$ |
| MSCI Ex US Index Fund | $-6.61 \%$ | $3.40 \%$ |
| Global Equity Hedge Funds | $-11.29 \%$ | $-2.79 \%$ |
| Total Global Equity | $-1.45 \%$ | $1.87 \%$ |
|  | $\mathbf{- 7 . 0 6 \%}$ | $\mathbf{2 . 3 0 \%}$ |
| FIXED INCOME |  |  |
| Brown Bros Core |  |  |
| Fidelity | $0.92 \%$ | $4.37 \%$ |
| Taplin Canida \& Habacht | $0.29 \%$ | $2.26 \%$ |
| Fixed Income Cash Acct | $0.54 \%$ | $4.03 \%$ |
| Mackay Shield | $0.00 \%$ | $0.00 \%$ |
| Alternative Fixed Income | $-0.69 \%$ | $4.79 \%$ |
| Total Fixed Income | $0.56 \%$ | $0.25 \%$ |
| Real Return | $\mathbf{0 . 4 1 \%}$ | $\mathbf{3 . 7 0 \%}$ |
| Brown Bros TIPS |  |  |
| Alternative Absolute Return | $\mathbf{0 . 6 t a l}$ Real Return |  |
| *Total Fund Composite includes all classes ex PE \& RE |  |  |
|  |  | $4.78 \%$ |



## Cash Flow

May's pension payroll of $\$ 76.2$ million was greater than the $\$ 49.5$ million in contributions and wire transfers received by $\$ 26.7$ million.
To meet pension and other obligations, a transfer from long-term investments of $\$ 28.8$ million was necessary.

## Alternative Investments

At this time the alternative investment asset class has unfunded commitments of approximately $\$ 170.7$ million on commitments of $\$ 1,075$ million.

## CAPITAL CALLS

Net of Distributions

| May <br> 2012 | FYTD | UNFUNDED <br> BALANCE |
| :--- | :--- | :---: |
| $\mathbf{- \$ 1 0 , 1 5 8 , 1 9 8}$ | $-\$ 45,601,668$ | $\$$ |
| May | $\mathbf{1 7 0 , 6 5 0 , 8 1 4}$ |  |
| 2011 | FYTD | UNFUNDED <br> BALANCE |
| $\mathbf{- \$ 9 , 9 7 6 , 7 8 1}$ | $\mathbf{- \$ 9 5 , 6 6 4 , 5 0 0}$ | $\mathbf{\$ 1 6 9 , 5 0 0 , 3 9 3}$ |

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

## Issuer Credit Ratings

5/31/2012*

| Issuer | Type of Instrument ${ }^{\star}$ | Month End \% Portfolio | Issuer Ratings | S-T Debt Rating |  | L-T Debt Rating |  | Credit OutlookS\&P |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Moody's | Moody's | S\&P | Moody's | S\&P |  |
| Bank RI | 3,4 | 3.62\% | N/R | N/A | N/A | N/A | N/A | N/A |
| Sovereign Bank | 3,4 | 31.57\% | A3 | P-2 | A-2 | A-3 | BBB+ | Negative |
| Bank of America |  | 0.00\% | Baa2 | P-2 | A-2 | Baa1 | A- | Negative |
| JP Morgan Chase |  | 0.00\% | A2 | P-1 | A-1 | Aa3 | A | Negative |
| Federated |  | 0.00\% | $\mathrm{N} / \mathrm{R}$ | 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 | A1 | A+ | Negative |
| RBS Citizens | 3,4 | 0.59\% | A2*- | P-1*- | A-1 | A2*- | A | Stable |
| Webster Bank | 3,4 | 15.47\% | A3 | P-2 | A-2 | A3 | BBB | Stable |
| Oppenheimer |  | 0.00\% | N/A | N/A | N/A | B2 | B+ | Stable |
| Ocean State Investment Pool | 6 | 42.69\% | N/R | N/A | N/A | N/A | N/A | N/A |
| Washington Trust | 3,7 | 6.05\% | N/R | N/A | N/A | N/A | N/A | N/A |
| First Tennessee Bank |  | 0.00\% | A3*- | P-2 | A-2 | A3*- | BBB | Stable |
| Merrill Lynch | 2,5,6 | 0.00\% | Baa2 | (P)P-2 | A-2 | Baa1*- | A- | Negative |
| Morgan Stanley | 1,2,5 | 0.00\% | Baa1 | P-2 | A-2 | A2 | A- | Negative |
| UBS |  | 0.00\% | A2*- | P-1 | A-1 | Aa3 | A | Negative |



| REPO $=$ Repurchase Agreement | $1^{*}$ |
| :--- | :--- |
| CP $=$ Commercial Paper | $2^{\star}$ |
| CD $=$ Certificate of Deposit | $3^{\star}$ |
| CoD $=$ Collateralized Deposit | $4^{\star}$ |
| AG $=$ US Government Agency Note | $5^{\star}$ |
| MM $=$ Government Money Market | $6^{\star}$ |
| GID $=$ Government Insured Deposit | $7^{*}$ |



## 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.


## PERFORMANCE



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

## Gina M. Raimondo

General Treasurer

June 22, 2012

## 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, State Police and Judiciary Retirement Systems, and the Municipal Employees' Retirement System of the State of Rhode Island at the close of business on May 31, 2012.

## Employees' Retirement System of Rhode Island <br> Composite Reporting Investment Valuation

May 31, 2012

| Asset Class |  |  |
| :---: | :---: | :---: |
| Cash/Short Term Investments |  | 197,155,988 |
| Global Equities |  | 3,736,778,846 |
| Fixed Income - Government | \$697,930,851 |  |
| Fixed Income - Corporate | \$744,701,109 |  |
| Fixed Income - In State | \$0 |  |
| Total Fixed Income |  | 1,442,631,960 |
| Real Return |  | 818,997,726 |
| Alternative Investments |  | 603,395,820 |
| Real Estate |  | 264,843,067 |
| Total Fund Investments |  | 7,063,803,407 |
| Plan Allocation |  |  |
| State Employees \& Teachers | 82.31\% | 5,814,516,803 |
| Municipal Employees | 16.03\% | 1,132,038,875 |
| State Police | 1.09\% | 77,325,754 |
| Judicial | 0.57\% | 39,921,975 |
| Total Fund Investments | 100.00\% | 7,063,803,407 |

The amount listed for alternative investments designation is illiquid and does not have a readily determinable market value. It is based on appraisals only.


Cash Manager

Periods Ending 05/31/2012

|  | Ending Market Value | \% of plan | 1 Month | 3 Month | YTD | 1 Year | 3 Year | 5 Year | 10 Year | ITD | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SSGA S\&P 500 INDEX FUND | 1,567,551,190 | 22.2 | -6.0 | -3.5 | 5.2 | -0.4 | 15.0 | -0.8 |  | 1.3 | 11/06 |
| S\&P 500 |  |  | -6.0 | -3.5 | 5.2 | -0.4 | 14.9 | -0.9 |  | 1.3 | 11/06 |
| MSCI ACWI EX US INDEX FUND | 1,074,188,857 | 15.2 | -11.3 | -13.8 | -2.8 | -20.3 | 4.8 |  |  | 9.0 | 05/09 |
| MSCI AC WORLD ex US (NET) |  |  | -11.4 | -14.0 | -3.0 | -20.5 | 4.6 |  |  | 8.8 | 05/09 |
| RUSSELL 2000 INDEX FUND | 528,107,132 | 7.5 | -6.6 | -5.7 | 3.4 | -8.8 | 16.5 |  |  | 17.2 | 05/09 |
| RUSSELL 2000 INDEX |  |  | -6.6 | -5.7 | 3.4 | -8.9 | 16.5 |  |  | 17.1 | 05/09 |
| ALTERNATIVE EQUITY | 517,539,180 | 7.3 | -1.4 | -0.9 | 1.9 |  |  |  |  | 1.1 | 11/11 |
| HFRX EQUITY HEDGE |  |  | -3.1 | -2.8 | 0.7 |  |  |  |  | -1.5 | 11/11 |
| WELLINGTON TECHNICAL EQUITY | 140,695,007 | 2.0 | -6.1 | -2.4 | 3.7 | -18.5 | 0.7 |  |  | -0.5 | 08/07 |
| RUSSELL 3000 INDEX |  |  | -6.2 | -3.9 | 5.2 | -1.9 | 15.4 |  |  | 0.3 | 08/07 |
| TOTAL GLOBAL EQUITY | 3,828,081,366 | 115.6 | -7.1 | -6.6 | 2.3 | -9.5 | 11.4 | -2.4 | 5.0 | 1.5 | 07/00 |
| MSCI AC WORLD (NET) |  |  | -9.0 | -9.4 | 0.7 | -12.3 | 8.8 | -3.7 | 4.6 | 1.0 | 07/00 |
| BROWN BROTHERS HARRIMAN - CORE | 402,211,233 | 5.7 | 0.9 | 1.7 | 4.3 | 7.9 | 7.5 | 6.2 | 5.8 |  | 04/90 |
| CITIGROUP BIG |  |  | 0.9 | 1.5 | 2.3 | 7.2 | 6.9 | 6.9 | 5.8 |  | 04/90 |
| PYRAMIS GLOBAL ADVISORS | 411,797,547 | 5.8 | 0.3 | 1.2 | 2.3 | 6.1 | 6.9 | 6.3 | 5.7 |  | 11/89 |
| Barclays MBS |  |  | 0.3 | 1.0 | 1.5 | 4.9 | 5.4 | 6.6 | 5.5 |  | 11/89 |
| TAPLIN, CANIDA \& HABACHT | 406,311,427 | 5.8 | 0.5 | 1.0 | 3.9 | 7.4 | 12.4 | 6.0 | 6.6 |  | 05/96 |
| Barclays Credit |  |  | 0.7 | 1.2 | 4.1 | 8.3 | 10.8 | 7.4 | 6.5 |  | 05/96 |
| MACKAY SHIELDS, LLC | 191,352,212 | 2.7 | -0.8 | 0.2 | 4.5 | 5.8 | 15.0 | 6.6 |  | 11.0 | 10/02 |
| CSFB GLOBAL HIGH YIELD |  |  | -1.3 | -0.3 | 4.7 | 4.5 | 16.6 | 7.0 |  | 10.2 | 10/02 |
| ALTERNATIVE FIXED INCOME | 140,196,510 | 2.0 | 0.6 | 0.8 | 0.2 |  |  |  |  | -0.2 | 12/11 |
| Barclays Aggregate Bond |  |  | 0.9 | 1.5 | 2.3 |  |  |  |  | 3.5 | 12/11 |
| TOTAL FIXED INCOME | 1,551,868,928 | 22.0 | 0.4 | 1.1 | 3.4 | 6.0 | 7.7 | 6.1 | 6.1 |  | 01/93 |
| Barclays Aggregate Bond |  |  | 0.9 | 1.5 | 2.3 | 7.1 | 7.1 | 6.7 | 5.7 |  | 01/93 |
| BROWN BROTHERS HARRIMAN - TIPS | 380,201,216 | 5.4 | 1.8 | 2.9 | 4.9 | 13.8 | 10.2 | 8.9 |  | 7.0 | 06/04 |
| Barclays US TIPS Index |  |  | 1.8 | 2.8 | 4.8 | 13.8 | 10.2 | 8.6 |  | 6.8 | 06/04 |
| ALTERNATIVE ABSOLUTE RETURN | 357,329,870 | 5.1 | -0.5 | -0.3 | 2.2 |  |  |  |  | 2.7 | 11/11 |
| HFRI Fund of Funds Composite Index |  |  | -1.8 | -2.0 | 1.3 |  |  |  |  | -0.3 | 11/11 |

# State of Rhode Island 

Summary of Performance
Periods Ending 05/31/2012

|  | Ending Market Value | \% of plan | 1 Month | 3 Month | YTD | 1 Year | 3 Year | 5 Year | 10 Year | ITD | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TOTAL ALTERNATIVE ABSOLUTE RETURN | 737,531,086 | 10.4 | 0.6 | 1.3 | 3.6 | 12.2 |  |  |  | 9.2 | 11/09 |
| CPI + 4\% |  |  | 0.2 | 1.9 | 3.5 | 5.8 |  |  |  | 6.4 | 11/09 |
| REAL ESTATE | 264,843,619 | 3.7 | 0.3 | 0.5 | 1.3 | 11.2 | -2.1 | -3.3 |  | -1.4 | 01/05 |
| NCREIF PROPERTY LAG + 100 BPS |  |  | 0.1 | 3.2 | 3.4 | 15.4 | 3.5 | 4.2 |  | 8.5 | 01/05 |
| PRIVATE EQUITY | 603,743,321 | 8.5 | -0.0 | 2.1 | 3.2 | 4.0 | 14.3 | 6.9 | 9.7 |  | 02/89 |
| S\&P 500 PLUS 300 BP |  |  | -5.8 | -2.8 | 6.4 | 2.6 | 18.3 | 2.1 | 7.2 |  | 02/89 |
| TOTAL ALTERNATIVE INVESTMENTS | 868,586,940 | 12.3 | 0.1 | 1.6 | 2.6 | 6.1 | 9.2 | 3.8 | 7.8 | 8.1 | 04/96 |
| TOTAL ALTERNATIVES BENCHMARK |  |  | -3.5 | -0.5 | 5.1 | 7.6 | 12.1 | 3.1 | 8.0 |  | 04/96 |
| RUSSELL IMPLEMENTATION SERVICES | 51,762,885 | 0.7 | -0.1 | -0.1 | $-0.0$ | 0.3 | -0.1 |  |  | -0.2 | 09/08 |
| CASH ACCOUNT (INSIDE) | 23,277,913 | 0.3 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 2.6 | 12.4 | 18.0 | 07/00 |
| 91 DAY TREASURY BILL |  |  | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 1.1 | 1.9 | 2.3 | 07/00 |
| CASH ACCOUNT (OUTSIDE) | 1,295,909 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 1.8 | 2.2 | 07/00 |
| 91 DAY TREASURY BILL |  |  | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 1.1 | 1.9 | 2.3 | 07/00 |
| Other | 1,398,379 |  |  |  |  |  |  |  |  |  | 11/11 |
| TOTAL PLAN | 7,063,803,407 | 100.0 | -3.9 | -3.2 | 2.4 | -2.2 | 10.4 | 0.5 | 5.8 |  | 02/84 |
| TOTAL PLAN BENCHMARK |  |  | -4.9 | -4.5 | 2.0 | -2.3 | 10.0 | 0.3 | 5.6 |  | 02/84 |


| Fund | Mkt Value ${ }^{1}$ | Actual \% | May | YTD | FYTD | $\begin{gathered} \text { Returns }^{1} \\ 1 \text { Year } \end{gathered}$ | 3 Year | 5 Year | Incep | Ann <br> Std Dev | Sharpe Ratio | Incep. Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fixed Income |  |  |  |  |  |  |  |  |  |  |  |  |
| Brigade Leveraged Capital Structures Fund LP | 50,675,284 | 36.1\% | -0.23\% | - | - | - | - | - | 1.35\% | 2.20\% | - | Mar-12 |
| Capula Global Relative Value Fund Ltd | 49,721,922 | 35.5\% | 0.69\% | -0.32\% | - | - | - | - | -0.56\% | 1.83\% | - | Dec-11 |
| Gracie Credit Opportunities Fund LP | 39,799,381 | 28.4\% | 1.45\% | 0.59\% | - | - | - | - | -0.51\% | 3.18\% | - | Dec-11 |
| Total Fixed Income | 140,196,587 | 100.0\% | 0.57\% | 0.34\% | - | - | - | - | -0.28\% | 1.51\% | - | Dec-11 |
| Barclays Aggregate Bond Index |  |  | 0.90\% | 2.33\% | - | - | - | - | 3.46\% | 2.39\% | - | Dec-11 |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II | 60,852,655 | 11.8\% | 0.20\% | 2.03\% | - | - | - | - | 1.42\% | 1.57\% | - | Nov-11 |
| Davidson Kempner Institutional Partners LP | 61,910,184 | 12.0\% | -0.36\% | 2.82\% | - | - | - | - | 3.15\% | 1.78\% | - | Nov-11 |
| Elliott Associates, LP | 61,332,426 | 11.9\% | -1.30\% | 4.30\% | - | - | - | - | 2.22\% | 5.17\% | - | Nov-11 |
| Indus Asia Pacific Fund LP | 41,082,738 | 7.9\% | -2.55\% | 2.71\% | - | - | - | - | 2.71\% | 8.94\% | - | Jan-12 |
| Mason Capital Ltd | 59,810,694 | 11.6\% | -0.48\% | -0.31\% | - | - | - | - | -0.31\% | 4.35\% | - | Jan-12 |
| PFM Diversified Offshore Fund LP | 28,093,724 | 5.4\% | -4.02\% | - | - | - | - | - | -6.35\% | 5.78\% | - | Mar-12 |
| PFM Diversified Offshore Fund AI Ltd | 28,048,260 | 5.4\% | -4.05\% | - | - | - | - | - | -6.51\% | 5.74\% | - | Mar-12 |
| Samlyn LP | 61,646,295 | 11.9\% | -2.21\% | 2.74\% | - | - | - | - | 2.74\% | 7.43\% | - | Jan-12 |
| Third Point Qualified LP | 51,464,997 | 9.9\% | -2.40\% | 2.93\% | - | - | - | - | 2.93\% | 7.14\% | - | Jan-12 |
| Viking Global Equities LP | 63,255,261 | 12.2\% | -0.50\% | 5.58\% | - | - | - | - | 5.43\% | 3.77\% | - | Dec-11 |
| Total Global Equities | 517,497,235 | 100.0\% | -1.45\% | 2.12\% | - | - | - | - | 1.21\% | 3.95\% | - | Nov-11 |
| MSCI AC World Index Free - Net |  |  | -8.97\% | 0.67\% | - | - | - | - | -2.53\% | 17.31\% | - | Nov-11 |
| Russell 3000 Index (DRI) |  |  | -6.18\% | 5.20\% | - | - | - | - | 5.77\% | 13.19\% | - | Nov-11 |
| HFRI Equity Hedge (Total) Index |  |  | -4.07\% | 1.77\% | - | - | - | - | -1.20\% | 9.52\% | - | Nov-11 |
| Absolute Return |  |  |  |  |  |  |  |  |  |  |  |  |
| BlueCrest Capital LP | 20,561,351 | 5.8\% | 0.30\% | 2.80\% | - | - | - | - | 2.80\% | 0.96\% | - | Jan-12 |
| Brevan Howard LP | 74,730,358 | 20.9\% | -1.76\% | -1.46\% | - | - | - | - | -0.36\% | 3.66\% | - | Nov-11 |
| DE Shaw Composite International Fund | 52,757,381 | 14.8\% | 1.60\% | 5.19\% | - | - | - | - | 5.52\% | 3.36\% | - | Nov-11 |
| Graham Discretionary 6V Fund | 50,616,977 | 14.2\% | -0.15\% | 1.23\% | - | - | - | - | 1.23\% | 2.49\% | - | Jan-12 |
| OZ Domestic Fund II LP | 78,249,965 | 21.9\% | -0.44\% | 4.90\% | - | - | - | - | 4.33\% | 3.53\% | - | Nov-11 |
| Wexford Spectrum Fund LP | 50,301,224 | 14.1\% | -2.00\% | 0.60\% | - | - | - | - | 0.60\% | 6.40\% | - | Jan-12 |
| Winton Futures Fund Ltd | 30,098,259 | 8.4\% | -0.22\% | -0.98\% | - | - | - | - | 0.33\% | 2.82\% | - | Dec-11 |
| Total Absolute Return | 357,315,516 | 100.0\% | -0.55\% | 1.81\% | - | - | - | - | 2.28\% | 2.21\% | - | Nov-11 |
| ML 3-month T-Bills |  |  | 0.01\% | 0.03\% | - | - | - | - | 0.03\% | 0.02\% | - | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | -1.98\% | 1.05\% | - | - | - | - | -0.49\% | 4.63\% | - | Nov-11 |
| Total Hedge Fund Portfolio | 1,015,009,337 | 100.0\% | -0.86\% | 1.86\% | - | - | - | - | 1.60\% | 2.65\% | - | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | -1.98\% | 1.05\% | - | - | - | - | -0.49\% | 4.63\% | - | Nov-11 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Month Libor Rate |  |  | 0.04\% | 0.20\% | - | - | - | - | 0.29\% | 0.01\% | - | Nov-11 |
| Barclays Aggregate Bond Index |  |  | 0.90\% | 2.33\% | - | - | - | - | 3.36\% | 2.35\% | - | Nov-11 |
| Barclays High Yield Credit Bond Index |  |  | -1.31\% | 5.05\% | - | - | - | - | 5.51\% | 7.09\% | - | Nov-11 |
| S\&P 500 TR |  |  | -6.01\% | 5.16\% | - | - | - | - | 6.00\% | 12.78\% | - | Nov-11 |
| MSCI EAFE - Net |  |  | -11.48\% | -3.79\% | - | - | - | - | -9.32\% | 20.54\% | - | Nov-11 |
| MSCI EMF (Emerging Markets Free) - Net |  |  | -11.21\% | 0.08\% | - | - | - | - | -7.72\% | 26.19\% | - | Nov-11 |


| Fund | YTD | May | Apr | Mar | Trailing Returns |  |  | Calendar Year Returns |  |  |  |  | 5 Yr | Sharpe Ratio |  |  | Start Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1 Year | 3 Year | 5 Year | 2011 | 2010 | 2009 | 2008 | 2007 | Std Dev | 3 yr | 5 yr | Incep. |  |
| Fixed Income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brigade Leveraged Capital Structures Fund | 3.47\% | -0.26\% | 1.00\% | 0.56\% | 1.66\% | 9.53\% | 6.43\% | 2.55\% | 7.66\% | 39.64\% | -17.14\% | 10.15\% | 7.63\% | 2.35 | 0.66 | 0.73 | Jan-07 |
| Capula Global Relative Value Fund Limited | -0.31\% | 0.69\% | 0.18\% | 0.07\% | 4.70\% | 7.13\% | 9.63\% | 6.19\% | 9.58\% | 12.24\% | 9.45\% | 18.00\% | 5.61\% | 2.71 | 1.40 | 1.67 | Oct-05 |
| Gracie Credit Opportunities Fund L.P. | 0.59\% | 1.45\% | -0.40\% | -0.77\% | -1.04\% | 3.35\% | 9.55\% | 0.10\% | 4.44\% | 16.18\% | 17.94\% | 18.45\% | 6.19\% | 1.03 | 1.26 | 1.41 | Jul-04 |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II LP | 2.51\% | 0.29\% | 1.08\% | 0.13\% | -3.09\% | 3.14\% | 3.58\% | -3.02\% | 2.94\% | 13.61\% | -3.58\% | 15.36\% | 4.95\% | 0.64 | 0.43 | 0.95 | Jan-04 |
| Davidson Kempner Institutional Partners, LP | 2.73\% | -0.36\% | 0.45\% | 0.67\% | -0.18\% | 8.53\% | 3.87\% | 1.27\% | 9.17\% | 17.79\% | -9.03\% | 6.56\% | 5.02\% | 2.01 | 0.48 | 1.44 | Mar-96 |
| Elliott Associates, L.P. (HFR98) | 4.03\% | -1.30\% | 0.20\% | 1.70\% | 4.01\% | 10.75\% | 12.02\% | 3.94\% | 7.39\% | 30.85\% | -3.08\% | 32.07\% | 6.31\% | 2.47 | 1.60 | 1.76 | Feb-77 |
| Indus Asia Pacific Fund | 3.46\% | -3.00\% | -0.40\% | -0.70\% | -4.63\% | 6.30\% | 1.77\% | -7.18\% | 7.36\% | 25.45\% | -28.99\% | 33.49\% | 10.17\% | 0.73 | 0.07 | 0.72 | Dec-00 |
| Mason Capital, Ltd. | -0.34\% | -0.36\% | -1.90\% | 1.30\% | 0.25\% | 10.27\% | 5.20\% | 4.20\% | 9.62\% | 25.16\% | -15.42\% | 16.75\% | 8.63\% | 1.49 | 0.45 | 0.80 | Feb-02 |
| PFM Diversified Fund, LP | -2.44\% | -4.05\% | -1.75\% | -0.68\% | -8.25\% | 3.19\% | 5.37\% | -3.35\% | 4.36\% | 21.35\% | -6.10\% | 31.21\% | 7.88\% | 0.43 | 0.51 | 0.79 | Nov-04 |
| Samlyn Capital - Composite | 3.20\% | -2.70\% | -0.40\% | 0.66\% | -5.20\% | 3.50\% | 9.54\% | -5.05\% | 1.98\% | 23.57\% | 6.62\% | - | 9.42\% | 0.39 | 0.85 | 0.95 | Mar-07 |
| Third Point Partners L.P. | 4.25\% | -2.50\% | -0.10\% | 1.60\% | -5.18\% | 24.78\% | 6.28\% | -0.54\% | 41.52\% | 38.14\% | -32.84\% | 16.61\% | 15.03\% | 1.86 | 0.38 | 1.20 | Jun-95 |
| Viking Global Equities | 5.39\% | -0.50\% | 0.70\% | 2.10\% | 7.16\% | 9.37\% | 11.29\% | 7.71\% | 3.67\% | 19.20\% | -0.73\% | 38.97\% | 8.21\% | 1.46 | 1.16 | 1.44 | Oct-99 |
| Absolute Return |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Blue Crest Capital International Limited | 2.87\% | 0.30\% | 0.66\% | 0.30\% | 6.94\% | 13.58\% | 15.21\% | 6.13\% | 12.80\% | 45.41\% | 6.25\% | 10.80\% | 5.42\% | 3.14 | 2.37 | 1.85 | Dec-00 |
| Brevan Howard L.P. (Series B) | -1.52\% | -1.78\% | -0.44\% | -0.37\% | 6.60\% | 4.95\% | 12.76\% | 11.33\% | 0.92\% | 17.10\% | 19.14\% | 23.60\% | 7.57\% | 0.99 | 1.43 | 1.28 | Sep-05 |
| DE Shaw Composite International Fund | 3.84\% | 1.30\% | -1.00\% | 1.10\% | 3.28\% | 6.14\% | 3.73\% | 3.69\% | 1.56\% | 21.31\% | -9.81\% | 7.15\% | 7.16\% | 1.27 | 0.33 | 1.28 | Mar-01 |
| Graham Discretionary - 6V Portfolio | 1.23\% | -0.15\% | -0.80\% | 0.46\% | 2.63\% | 6.23\% | 5.12\% | 3.56\% | 7.10\% | 17.13\% | 8.66\% | -6.88\% | 6.15\% | 2.12 | 0.59 | 0.81 | Jun-04 |
| OZ Master Fund, Ltd | 4.41\% | -0.44\% | 0.34\% | 1.22\% | -0.16\% | 8.09\% | 3.57\% | -0.48\% | 8.52\% | 23.11\% | -15.92\% | 11.48\% | 6.05\% | 1.86 | 0.36 | 1.65 | Apr-94 |
| Wexford Spectrum Fund, L.P. | 0.62\% | -1.98\% | 0.11\% | -0.78\% | -4.08\% | 5.68\% | 3.39\% | -3.44\% | 8.45\% | 30.76\% | -13.87\% | 13.03\% | 10.06\% | 0.75 | 0.23 | 0.94 | Apr-97 |
| Winton Futures Fund - USD Class B | -0.93\% | -0.17\% | 0.12\% | -0.68\% | 2.60\% | 6.87\% | 9.35\% | 6.29\% | 14.47\% | -4.64\% | 21.01\% | 17.97\% | 9.38\% | 0.82 | 0.84 | 0.74 | Oct-97 |
| Benchmarks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HFRI Fund of Funds Composite Index | 1.05\% | -1.98\% | -0.26\% | 0.05\% | -5.68\% | 2.32\% | -1.90\% | -5.72\% | 5.70\% | 11.47\% | -21.37\% | 10.25\% | 6.69\% | 0.44 | -0.48 | 0.58 | Jan-90 |
| HFRI Fund Weighted Composite Index | 2.54\% | -1.59\% | -0.49\% | -0.17\% | -4.72\% | 5.55\% | 1.41\% | -5.25\% | 10.25\% | 19.98\% | -19.03\% | 9.96\% | 7.93\% | 0.84 | 0.02 | 0.99 | Jan-90 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Month Libor - BOM | 0.20\% | 0.04\% | 0.04\% | 0.04\% | 0.43\% | 0.38\% | 1.54\% | 0.35\% | 0.34\% | 0.74\% | 3.04\% | 5.31\% | 0.49\% |  |  |  | Mar-86 |
| Barclays Aggregate Bond Index | 2.33\% | 0.90\% | 1.11\% | -0.55\% | 7.12\% | 7.13\% | 6.73\% | 7.86\% | 6.56\% | 5.93\% | 5.24\% | 6.96\% | 3.56\% |  |  |  | Jan-76 |
| Barclays High Yield Credit Bond Index | 5.05\% | -1.31\% | 1.05\% | -0.14\% | 4.03\% | 16.57\% | 7.60\% | 4.98\% | 15.11\% | 58.21\% | -26.15\% | 1.88\% | 14.31\% |  |  |  | Jul-83 |
| S\&P 500 TR | 5.16\% | -6.01\% | -0.63\% | 3.29\% | -0.41\% | 14.92\% | -0.92\% | 2.11\% | 15.06\% | 26.46\% | -37.00\% | 5.49\% | 19.14\% |  |  |  | Jan-70 |
| MSCI EAFE - Net | -3.79\% | -11.48\% | -1.96\% | -0.46\% | -20.48\% | 3.40\% | -7.34\% | -12.14\% | 7.75\% | 31.78\% | -43.38\% | 11.17\% | 23.35\% |  |  |  | Dec-69 |
| MSCI EMF (Emerging Markets Free) - Net | 0.08\% | -11.21\% | -1.20\% | -3.33\% | -20.32\% | 7.91\% | 0.07\% | -18.43\% | 18.88\% | 78.51\% | -53.33\% | 39.39\% | 29.95\% |  |  |  | Jan-01 |

[^0]| ERSRI Monthly Market Value Report With Time Weighted ReturnsMay 31, 2012 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Valuatio | lange |  |
|  | Calendar YTD |  |  | Benchmark Description | Current Month |  |  | Market Value | Transers Market Value |  | $\begin{gathered} \text { Market Value } \\ \text { Increaseddecrease } \end{gathered}$ |
|  | Performance | Benchmark | Alpha |  | Performance | Benchmark | Alpha |  |  |  |  |
| Global Equity |  |  |  |  |  |  |  |  |  |  |  |
| Shott Capital Management IRR |  |  | 0.00\% | S\&P500 |  |  | 0.00\% | 1,061,403 | (621) | 956,635 | (104, 147) |
| SSgA S\&P 500 | 5.19\% | 5.16\% | 0.03\% | S\&P 500 | -6.00\% | -6.01\% | 0.01\% | 1,667,672,278 | 40,000 | 1,567,581,190 | (100, 131,088) |
| Wellington Tech Eq | 3.90\% | 5.20\% | 1.30\% | Russell 3000 | -6.09\% | -6.18\% | 0.09\% | 149,822,916 |  | 140,695,007 | (9,127,908) |
| Russell 2000 Index Fund | 3.40\% | 3.37\% | 0.03\% | Russell 2000 | -6.61\% | -6.62\% | 0.01\% | 565,502,358 | 28,000 | 528,107,132 | $(37,423,226)$ |
| Transition Account | NA | N/A | N/ | NA | NA | N/ | N/ | 458,615 | (694) | 441,744 | $(16,177)$ |
| MSCI Ex US Index Fund | -2.79\% | -3.79\% | 1.00\% | MSCI Ex US Index Fund | -11.29\% | -11.48\% | 0.19\% | 1,210,897,958 | 152,000 | 1,074,188,857 | (136,866,100) |
| Sub-Total Global Equity | 2.13\% | 0.68\% | 1.45\% | MSCI AC World | -7.88\% | -8.97\% | 1.09\% | 3,595,415,527 | 218,686 | 3,311,970,565 | (283,663,647) |
| Global Equity Hedge Funds |  |  |  |  |  |  |  |  |  |  |  |
| Davidson Kempner | 2.86\% | 0.66\% | 2.20\% | HFRX Equity Hedge | -0.33\% | -3.07\% | 2.74\% | 62,116,920 | . | 61,910,160 | $(206,760)$ |
| Mason Capital | -0.32\% | 0.66\% | -0.98\% | HFRX Equity Hedge | -0.43\% | -3.07\% | 2.64\% | 60,070,080 |  | 59,80,700 | (259,380) |
| Viking Global Equities III | 5.53\% | 0.66\% | 4.87\% | HFRX Equity Hedge | -0.55\% | -3.07\% | 2.52\% | 63,603,300 | . | 63,25, 240 | (348,060) |
| Ascend Parters Fund II | 2.11\% | 0.66\% | 1.45\% | HFRX Equity Hedge | 0.07\% | -3.07\% | 3.14\% | 60,869,040 |  | 60,909,360 | 40,320 |
| Elliot Associates | 4.14\% | 0.66\% | 3.48\% | HFRX Equity Hedge | -1.04\% | -3.07\% | 2.03\% | 61,976,460 | - | 61,33,420 | $(644,040)$ |
| Third Point Parners | 2.93\% | 0.66\% | 2.27\% | HFRX Equity Hedge | -2.43\% | -3.07\% | 0.64\% | 52,744,300 |  | 51,46,000 | (1,279,300) |
| PFM Diversified |  | 0.66\% | -0.66\% | HFRX Equity Hedge | -3.86\% | -3.07\% | -0.79\% | 58,543,440 |  | 56,284,620 | (2, 258,820) |
| Samlyn On/Off Shore Fund | 2.80\% | 0.66\% | 2.14\% | HFRX Equity Hedge | -2.8\% | $-3.07 \%$ | 0.89\% | 63,053,760 |  | 61,67, 840 | (1,375,920) |
| Indus Asia Pacticic Fund | 2.23\% | 0.66\% | 1.57\% | HFRX Equity Hedge | -2.98\% | -3.07\% | 0.09\% | 42,151,520 |  | 40,893,840 | (1,257,680) |
| Sub-Total Global Equity Hedge Fi | 1.87\% | 0.66\% | 1.21\% | HFRX Equity Hedge | -1.45\% | -3.07\% | 1.62\% | 525,12, 820 |  | 517,539,180 | $(7,589,640)$ |
| Total Global Equity | 2.30\% | 0.68\% | 1.62\% | MSCI AC World | -7.06\% | -8.97\% | 1.91\% | 4,120,544,347 | 218,686 | 3,829,509,745 | ${ }_{(291,253,287)}$ |
| Fixed Income |  |  |  |  |  |  |  |  |  |  |  |
| Pyramis Global Advisors | 2.26\% | 1.54\% | 0.72\% | вC mbs | 0.29\% | 0.32\% | -0.03\% | 410,756,053 |  | 411,797,547 | 1,041,493 |
| Brown Brothers, Harriman | 4.37\% | 2.29\% | 2.08\% | Citigroup BIG | 0.92\% | 0.91\% | 0.01\% | 398,702,342 |  | 402,211,233 | 3,508,891 |
| Tapin, Canida \& Habacht | 4.33\% | 4.10\% | -0.07\% | BC Creait | 0.54\% | 0.68\% | -0.14\% | 404,110,809 |  | 406,311,427 | 2,200,618 |
| Mackay Shields | 4.79\% | 4.71\% | 0.08\% | Cs First Bostivield | -0.69\% | -1.32\% | 0.63\% | 192,874,295 | - | 191,352,212 | ${ }^{(1,522,083)}$ |
| Fixed Income Cash Acct | 0.00\% | 0.00\% | 0.00\% |  | 0.00\% | 0.00\% | 0.00\% |  |  |  |  |
| Sub-Total Fixed Income | 3.70\% | 2.33\% | 1.37\% | BC Aggregate | 0.41\% | 0.90\% | -0.49\% | 1,406,443,499 |  | 1,411,672,418 | 5,228,919 |
| Alternative Fixed Income |  |  |  |  |  |  |  |  |  |  |  |
| Capula Global Master Fund | -0.35\% | 2.53\% | -2.8\% |  | 0.64\% | -1.95\% | 2.59\% | 49,404,750 | - | 49,72,900 | 317,150 |
| Brigade Leveraged Capital |  |  |  |  | -0.20\% | -1.95\% |  | 50,777,000 |  | 50,675,250 | (101,750) |
| Gracie Credit Fund | 0.35\% | 2.53\% | -2.18\% |  | 1.45\% | -1.95\% | 3.40\% | 39,229,120 |  | 39,79, 360 | 570,240 |
| Sub-Total Alternative Fixed Income | 0.25\% | 2.53\% | -2.28\% | HFRI FOF Conservative | 0.56\% | -1.95\% | 2.51\% | 139,410,870 |  | 140,196,510 | 785,640 |
| Total Fixed Income | 3.48\% | 2.33\% | 1.15\% | BC Aggregate | 0.42\% | 0.90\% | -0.48\% | 1,545,854,369 | - | 1,551,868,928 | 6,014,559 |
| Alternative Investments |  |  |  |  |  |  |  |  |  |  |  |
| Private Equity | 3.45\% | 6.45\% | -3.00\% | S\&P 500 plus $3008 P$ S | 0.00\% | -5.76\% | 5.76\% | 613,970,522 | $(10,158,198)$ | 603,743,321 | (69,002) |
| Real Estate | 1.52\% | 2.96\% | -1.44\% | NCREIF +100 | 0.40\% | 0.00\% | 0.40\% | 264,368,788 | (448,228) | 264,843,619 | 923,05 |
| Total Alternatives | 2.85\% | 5.14\% | -2.29\% |  | 0.12\% | -3.46\% | 3.58\% | 878,339,310 | $(10,606,426)$ | 868,566,940 | ${ }_{854,056}$ |
| Cash Accounts |  |  |  |  |  |  |  |  |  |  |  |
| Cash in Trust | 0.09\% | 0.01\% | 0.08\% |  | 0.02\% | 0.01\% | 0.01\% | 21,188,661 | 2,077,741 | 23,27,913 | 11,512 |
| Cash Outside Trust | 0.00\% | 0.00\% | 0.00\% |  | 0.00\% | 0.00\% | 0.00\% | 1,882,955 | . | 1,295,909 | (587,046) |
| Total Cash | 0.09\% | 0.03\% | 0.06\% | 91 Day T-Bill | 0.02\% | 0.01\% | 0.01\% | 23,071,616 | $2,077,741$ | 24,57, 822 | (575,534) |
| Real Return Pool |  |  |  |  |  |  |  |  |  |  |  |
| Brown Bros TIPS | 4.99\% | 4.62\% | 0.37\% | Barclays US TIPS Index | 1.78\% | 1.67\% | 0.11\% | 373,639,720 | . | 380,201,216 | 6,561,496 |
| Sub-Total Real Return | 4.99\% | 4.62\% | 0.37\% | $\mathrm{CPI}+4 \%$ | 1.78\% | 1.67\% | 0.11\% | 373,639,720 | . | 380,201,216 | 6,561,496 |
| Alternative Absolute Return |  |  |  |  |  |  |  |  |  |  |  |
| Brevan Howard Master Fund | -1.33\% | 1.26\% | -2.69\% | HFRRI Fund Wgt Comp Index | -1.75\% | -1.78\% | 0.03\% | 76,061,475 | . | 74,730,375 | $(1,331,100)$ |
| OZ Domestic Partners II | 5.07\% | 1.26\% | 3.81\% | HFRRI Fund Wgt Comp Index | -0.40\% | -1.78\% | 1.38\% | 78,566,850 | . | 78,249,975 | (316,875) |
| DE Shaw Composite Fund | 5.10\% | 1.26\% | 3.84\% | HFRRI Fund Wgt Comp Index | 1.72\% | -1.78\% | 3.50\% | 51,865,550 | . | 52,75,350 | 891,800 |
| Graham Global Inv Fund | 1.23\% | 1.26\% | -0.03\% | HFRRI Fund Wgt Comp Index | -0.14\% | -1.78\% | 1.64\% | 50,687,300 |  | 50,61,950 | (70,350) |
| Wextord Spectrum Fund | 0.60\% | 1.26\% | -0.66\% | HFRRI Fund Wgt Comp Index | -1.97\% | -1.78\% | -0.19\% | 51,312,450 | - | 50,30,200 | (1,011,250) |
| Winton Future Fund Ltd | -0.93\% | 1.26\% | -2.19\% | HFRRI Fund Wgt Comp Index | -0.17\% | -1.78\% | 1.61\% | 30,163,950 | - | 30,112,680 | (51,270) |
| Blue Crest Capital | 2.81\% | 1.26\% | 1.55\% | HFRRI Fund Wgt Comp Index | 0.28\% | -1.78\% | 2.06\% | 20,503,900 |  | 20,561,340 | 57,440 |
| Sub-Total Alt Absolute Return | 2.23\% | 1.26\% | 0.97\% | HFRI Fund Wgt Comp Index | -0.51\% | -1.78\% | 1.27\% | 359,161,475 |  | 357,329,870 | (1,831,605) |
| Total Real Return | 3.62\% | 3.51\% | 0.11\% | CPl $+4 \%$ | 0.66\% | 0.21\% | 0.45\% | 732,801,195 |  | 737,531,086 | $4,729,89$ |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Russell Overlay | -0.02\% |  |  |  | -0.09\% |  |  | 78,512,763 | $(20,000,000)$ | 51,762,885 | (6,749,878) |
| Total Plan Ex PE \& RE | 2.41\% | 2.74\% | -0.33\% |  | -4.40\% | -4.54\% | 0.14\% |  |  |  |  |
| Total Plan | 2.46\% | 2.01\% | 0.45\% |  | -3.87\% | -4.89\% | 1.02\% | 7,379,123,600 | (28,310,000) | 7 7,063,833,407 | $\underline{(286,980,193)}$ |
| *Policy Index: (Effective 121/111) |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Effective 11 | 1/09 M | d TIPS from Fixed Income | o Real Return | . The histor | emains | d Income. |  |  |  |
| $52 \%$ MSCl World free |  |  |  |  |  |  |  |  |  |  |  |
| 11\% CPI + 4\% |  |  |  |  |  |  |  |  |  |  |  |
| $7.5 \%$ S\&P $500+3 \%$ $5 \%$ NCCREIF Prop LAGC |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



## State of Rhode Island

## TOTAL PLAN

Benchmark: TOTAL PLAN BENCHMARK
May 31, 2007 - May 31, 2012

RISK VS. RETURN


| RISK INFORMATION |  | RISK STATISTICS |  |
| :--- | ---: | :--- | ---: |
| Portfolio Return | 0.69 | Historic Beta | 0.91 |
| Benchmark Return | 0.27 | R-squared | 0.99 |
| Return Differences | 0.42 | Jensen's Alpha | 0.34 |
| Portfolio Standard Deviation | 12.44 | Sharpe Ratio | -0.03 |
| Benchmark Standard | 13.67 | Treynor Ratio | -0.41 |
| Tracking Error | 1.95 | Information Ratio | 0.21 |

## ASSET <br> ALLOCATION

## Asset Summary



CASH FLOW

Employees Retirement System

| FISCAL YEAR 2012 | FY $2011-12$ <br> Actual <br> July <br> 2011 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual August | Actual September | $\begin{aligned} & \text { Actual } \\ & \text { October } \end{aligned}$ | Actual November | Actual December | $\begin{aligned} & \text { Actual } \\ & \text { January } \\ & 2012 \\ & \hline \end{aligned}$ | Actual February | Actual March | Actual April | Actual May | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ | TOTAL |
| MEMBER BENEFITS | 66,629,399 | 67,455,796 | 68,242,485 | 67,768,460 | 67,569,923 | 67,451,353 | 69,211,649 | 69,357,498 | 69,260,463 | 69,145,235 | 69,167,322 | 66,600,000 | 817,859,581 |
| ADMINISTRATIVE EXPENSES | 137,672 | 660,651 | 834,794 | 646,649 | 418,609 | 763,480 | 566,091 | 729,552 | 1,080,787 | 568,054 | 474,315 | 940,521 | 7,821,175 |
| INVESTMENT <br> EXPENSES | 717,955 | 151,236 | 1,393,349 | $(942,146)$ | 6,757 | 517,797 | 501,413 | 228,446 | 666,823 | 405,876 | 173,652 | 269,585 | 4,090,743 |
| total outflow | 67,485,026 | 68,267,682 | 70,470,628 | 67,472,964 | 67,995,288 | 68,732,630 | 70,279,153 | 70,315,496 | 71,008,073 | 70,119,165 | 69,815,289 | 67,810,106 | 829,771,499 |
| Contributions | 50,400,487 | 28,659,530 | 38,949,761 | 38,118,149 | 49,232,033 | 41,087,919 | 49,365,444 | 44,163,220 | 54,087,522 | 42,467,147 | 44,302,044 | 42,317,939 | 523,151,195 |
| OTHER INCOME* | 358,170 | 6,622,689 | 5,032,088 | 7,603,294 | 8,542,405 | 10,450,579 | 4,447,436 | 6,041,223 | 5,261,846 | 990,900 | 7,436,249 | 6,199,804 | 68,986,683 |
| total income | 50,758,657 | 35,282,219 | 43,981,849 | 45,721,443 | 57,774,438 | 51,538,498 | 53,812,880 | 50,204,443 | 59,349,368 | 43,458,047 | 51,738,293 | 48,517,743 | 592,137,878 |
| DIFFERENCE | $(16,726,369)$ | $(32,985,463)$ | $(26,488,779)$ | $(21,751,521)$ | $(10,220,850)$ | $(17,194,131)$ | $(16,466,272)$ | $(20,111,053)$ | $(11,658,705)$ | $(26,661,118)$ | $(18,076,996)$ | $(19,292,363)$ | $(237,633,621)$ |


|  | $\begin{gathered} \hline \text { Actual } \\ \text { July } \\ 2011 \\ \hline \end{gathered}$ | Actual August | Actual September | $\begin{aligned} & \text { Actual } \\ & \text { October } \end{aligned}$ | Actual November | $\begin{aligned} & \text { Actual } \\ & \text { December } \end{aligned}$ | $\begin{gathered} \hline \text { Actual } \\ \text { January } \\ 2012 \\ \hline \end{gathered}$ | Actual February | Actual March | $\begin{gathered} \hline \text { Actual } \\ \text { April } \end{gathered}$ | $\begin{aligned} & \text { Actual } \\ & \text { May } \end{aligned}$ | Projected June | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 6,376,800 | 6,376,540 | 6,540,992 | 6,548,529 | 6,500,108 | 6,562,384 | 6,678,650 | 6,831,263 | 6,791,847 | 6,749,093 | 6,843,463 | 6,400,000 | 79,199,669 |
| ADMINISTRATIVE <br> EXPENSES | 26,076 | 125,842 | 159,526 | 124,054 | 80,412 | 147,098 | 109,377 | 141,222 | 209,477 | 110,375 | 92,345 | 178,003 | 1,503,809 |
| INVESTMENT <br> EXPENSES | 135,986 | 28,808 | 266,264 | $(180,743)$ | 1,298 | 99,763 | 96,880 | 44,221 | 129,243 | 78,864 | 33,809 | 51,022 | 785,414 |
| total outflow | 6,538,862 | 6,531,189 | 6,966,782 | 6,491,840 | 6,581,818 | 6,809,244 | 6,884,908 | 7,016,706 | 7,130,567 | 6,938,332 | 6,969,617 | 6,629,025 | 81,488,891 |
| Contributions | 4,595,440 | 5,236,442 | 4,741,697 | 5,123,170 | 4,733,696 | 5,048,323 | 6,107,049 | 4,633,750 | 5,058,462 | 4,415,298 | 4,664,657 | 5,178,390 | 59,536,374 |
| OTHER INCOME* | 67,840 | 1,261,499 | 961,614 | 1,458,630 | 1,640,949 | 2,013,490 | 859,312 | 1,169,419 | 1,019,846 | 192,536 | 1,447,777 | 1,173,376 | 13,266,287 |
| total income | 4,663,280 | 6,497,941 | 5,703,311 | 6,581,800 | 6,374,645 | 7,061,813 | 6,966,361 | 5,803,169 | 6,078,308 | 4,607,834 | 6,112,434 | 6,351,766 | 72,802,661 |
| DIFFERENCE | $(1,875,582)$ | $(33,248)$ | $(1,263,471)$ | 89,960 | $(207,174)$ | 252,568 | 81,453 | $(1,213,538)$ | $(1,052,259)$ | $(2,330,497)$ | $(857,183)$ | $(277,259)$ | (8,686,230) |


| Judges/State Police Retirement System | Actual <br> July <br> 2011 | Actual August | Actual September | Actual <br> October | $\begin{gathered} \text { Actual } \\ \text { November } \end{gathered}$ | Actual <br> December | Actual January 2012 | $\begin{aligned} & \text { Actual } \\ & \text { February } \end{aligned}$ | Actual <br> March | $\begin{gathered} \text { Actual } \\ \text { April } \end{gathered}$ | $\begin{aligned} & \text { Actual } \\ & \text { May } \end{aligned}$ | $\begin{gathered} \text { Projected } \\ \text { June } \end{gathered}$ | тоtal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 135,664 | 135,664 | 135,514 | 135,664 | 131,160 | 145,521 | 148,374 | 163,937 | 160,875 | 160,875 | 151,712 | 136,000 | 1,740,959 |
| ADMINISTRATIVE expenses | 2,506 | 12,228 | 15,613 | 12,266 | 8,002 | 14,735 | 11,012 | 14,315 | 21,360 | 11,356 | 9,564 | 17,027 | 149,985 |
| INVESTMENT <br> EXPENSES | 13,071 | 2,799 | 26,059 | $(17,870)$ | 129 | 9,993 | 9,754 | 4,482 | 13,179 | 8,114 | 3,502 | 4,881 | 78,093 |
| total outflow | 151,241 | 150,691 | 177,186 | 130,059 | 139,292 | 170,249 | 169,141 | 182,735 | 195,414 | 180,344 | 164,778 | 157,908 | 1,969,037 |
| contributions | 1,052,000 | 495,000 | 968,000 | 512,000 | 529,000 | 502,000 | 500,000 | 515,000 | 835,000 | 490,000 | 505,000 | 330,000 | 7,233,000 |
| OTHER INCOME* | 6,521 | 122,580 | 94,113 | 144,218 | 163,302 | 201,690 | 86,518 | 118,538 | 103,994 | 19,809 | 149,949 | 112,242 | 1,323,474 |
| total income | 1,058,521 | 617,580 | 1,062,113 | 656,218 | 692,302 | 703,690 | 586,518 | 633,538 | 938,994 | 509,809 | 654,949 | 442,242 | 8,556,474 |
| DIFFERENCE | 907,279 | 466,889 | 884,927 | 526,159 | 553,010 | 533,441 | 417,378 | 450,803 | 743,580 | 329,465 | 490,171 | 284,334 | 6,587,437 |

*includes income from Real Estate Investments, Private Equity, Securities Lending, and Cash Accounts,

## FISCAL YEAR 2012

ERSRI \& MERSRI


INVESTMENT MANAGER FEES, PROFESSIONAL FEES \& OPERATING EXPENSES
ACCRUAL BASIS

| Partnership Investment | Total Commitment |  | ERSRI Unfunded (USD) |  |
| :---: | :---: | :---: | :---: | :---: |
| Alta BioPhama Partners III | \$ | 15,000,000.00 | \$ | 750,000.00 |
| Alta Partners VIII | \$ | 15,000,000.00 | \$ | 3,750,000.00 |
| 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 | \$ | 6,125,000.00 |
| Birch Hill Equity Partners III* | \$ | 17,531,892.00 | \$ | 274,270.82 |
| Braemar Energy Ventures III | \$ | 10,000,000.00 | \$ | 8,578,659.00 |
| Castile III | \$ | 5,000,000.00 | \$ | 650,000.00 |
| Centerbridge | \$ | 15,000,000.00 | \$ | 1,354,015.00 |
| Centerbridge Special Credit Partners II | \$ | 25,000,000.00 | \$ | 22,500,000.00 |
| Charterhouse Capital Partners VIII* | \$ | 18,661,365.00 | \$ | 2,653,299.57 |
| Coller International Capital IV** | \$ | 15,000,000.00 | \$ | 2,100,000.00 |
| Coller International Capital V | \$ | 15,000,000.00 | \$ | 3,382,500.00 |
| Constellation III | \$ | 15,000,000.00 | \$ | 1,163,848.60 |
| CVC European Equity Partners 111 | \$ | 20,000,000.00 | \$ | 899,966.00 |
| CVC European Equity Partners IV* | \$ | 20,527,501.50 | \$ | 2,307,757.42 |
| CVC V | \$ | 24,881,820.00 | \$ | 9,832,901.00 |
| Fenway Partners Capital Fund II | \$ | 15,000,000.00 | \$ | 232,336.00 |
| Fenway III | \$ | 15,000,000.00 | \$ | 221,906.00 |
| First Reserve Fund X | \$ | 20,000,000.00 | \$ | 1.00 |
| First Reserve Fund XI | \$ | 20,000,000.00 | \$ | 1,607,683.00 |
| Focus Ventures III | \$ | 15,000,000.00 | \$ | - |
| Granite Global Ventures II | \$ | 15,000,000.00 | \$ | 675,000.00 |
| Granite Global Ventures III | \$ | 15,000,000.00 | \$ | 1,125,000.00 |
| Green Equity Investors V | \$ | 20,000,000.00 | \$ | 5,557,973.00 |
| Kayne Anderson Energy Fund III | \$ | 15,000,000.00 | \$ | 1,264,022.00 |
| Kayne Anderson Energy Fund IV | \$ | 15,000,000.00 | \$ | 1,372,822.00 |
| Leapfrog Ventures II | \$ | 10,000,000.00 | \$ | 510,000.00 |
| Leeds Weld Equity Partners IV | \$ | 10,000,000.00 | \$ | 14,335.00 |
| Lighthouse Capital Partners V | \$ | 11,250,000.00 | \$ | 787,500.00 |
| Lighthouse Capital Partners VI | \$ | 15,000,000.00 | \$ | 750,000.00 |
| LNK Partners | \$ | 12,500,000.00 | \$ | 875,820.52 |
| Matlin Patterson Glb. Opp. Fund (CSFB) | \$ | 15,000,000.00 | \$ | - |
| MHR Institutional Partners III | \$ | 20,000,000.00 | \$ | 6,832,111.00 |
| Nautic Partners V | \$ | 20,000,000.00 | \$ | 651,894.55 |
| Nautic Partners VI | \$ | 20,000,000.00 | \$ | 2,381,835.01 |
| Nordic Capital Fund III* | \$ | 11,070,640.00 | \$ | - |
| Nordic Capital Fund V* | \$ | 18,183,074.22 | \$ | - |
| Nordic Capital Fund VI* | \$ | 18,661,365.00 | \$ | - |
| Nordic VII | \$ | 18,661,365.00 | \$ | 5,389,245.11 |
| Oaktree Capital Management Fund III | \$ | 20,000,000.00 | \$ | 15,000,000.00 |

May 2012

| Palladin III | $\$$ | $10,000,000.00$ | $\$$ | $4,344,468.00$ |
| :--- | ---: | ---: | ---: | ---: |
| Parthenon Investors ll | $\$$ | $23,960,000.00$ | $\$$ | $1,953,022.00$ |
| Perseus VII | $\$$ | $15,000,000.00$ | $\$$ | $1,356,501.00$ |
| Point 406 | $\$$ | $10,000,000.00$ | $\$$ | $2,200,000.00$ |
| Point Judith II | $\$$ | $5,000,000.00$ | $\$$ | $740,733.01$ |
| Providence Equity Partners III | $\$$ | $15,000,000.00$ | $\$$ | $1,938,956.00$ |
| Providence Equity Partners IV | $\$$ | $25,000,000.00$ | $\$$ | $1,982,025.00$ |
| Providence Equity Partners V | $\$$ | $25,000,000.00$ | $\$$ | $2,210,891.00$ |
| Providence Equity Partners VI | $\$$ | $25,000,000.00$ | $\$$ | $4,355,142.00$ |
| SKM Equity Fund II** | $\$$ | $10,000,000.00$ | $\$$ | $1,735,947.00$ |
| Summit Partners | $\$$ | $20,000,000.00$ | $\$$ | $14,900,000.00$ |
| Thomas McNerney \& Partners | $\$$ | $15,000,000.00$ | $\$$ | $825,000.00$ |
| Thomas McNerney \& Partners II | $\$$ | $15,000,000.00$ | $\$$ | $3,187,500.00$ |
| TPG Partners IV | $\$$ | $15,000,000.00$ | $\$$ | $1,085,376.00$ |
| TPG Partners V | $\$$ | $20,000,000.00$ | $\$$ | $2,825,334.00$ |
| TPG VI | $\$$ | $10,000,000.00$ | $\$$ | $4,340,601.00$ |
| Trilantic IV | $\$$ | $11,098,351.00$ | $\$$ | $1,004,963.92$ |
| VS\&A Communication Partners III | $\$$ | $15,000,000.00$ | $\$$ | - |
| W Capital Partners | $\$$ | $15,000,000.00$ | $\$$ | $880,500.00$ |
| W Capital Partners II | $\$$ | $15,000,000.00$ | $\$$ | $2,649,025.00$ |
| Wellspring Capital Partners III | $\$$ | $20,000,000.00$ | $\$$ | $21,112.00$ |
| Wellspring Capital Partners IV | $\$$ | $20,000,000.00$ | $\$$ | $2,260,921.00$ |
| WLR | $8,000,000.00$ | $\$$ | $1,445,244.00$ |  |
|  | $\$$ | $1,074,987,373.72$ | $\$$ |  |
|  |  |  | $170,650,813.53$ |  |


| Real Estate Partnership Investment | Total Commitment |  | ERSRI Unfunded |  |
| :---: | :---: | :---: | :---: | :---: |
| AEW | \$ | 35,000,000.00 | \$ | 0.40 |
| Fillmore East Fund I | \$ | 10,000,000.00 | \$ | 0.08 |
| 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 | \$ | 1,605,323.00 |
| 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 | \$ | 8,039,352.05 |

# SHORT TERM INVESTMENTS 

Short-Term Investment Maturity Schedule \& SIC Compliance Report at May 31, 2012


| Vendor | CP | 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 | 177,114,842 | 177,114,842 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 43\% | 42.69\% |
| Bank RI | 0 | 15,035,129 | 0 | 0 | 0 | 0 | 0 | 0 | 15,035,129 |
|  | 0\% | 4\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 3.62\% |
| Sovereign Bank | 0 | 0 | 0 | 0 | 130,995,217 | 0 | 0 | 0 | 130,995,217 |
|  | 0\% | 0\% | 0\% | 0\% | 32\% | 0\% | 0\% | 0\% | 31.57\% |
| 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 | 2,461,130 | 0 | 0 | 0 | 2,461,130 |
|  | 0\% | 0\% | 0\% | 0\% | 1\% | 0\% | 0\% | 0\% | 0.59\% |
| Webster Bank | 0 | 0 | 0 | 0 | 64,204,863 | 0 | 0 | 0 | 64,204,863 |
|  | 0\% | 0\% | 0\% | 0\% | 15\% | 0\% | 0\% | 0\% | 15.47\% |
| Oppenheimer Inc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Washington Trust | 0 | 25,112,318 | 0 | 0 | 0 | 0 | 0 | 0 | 25,112,318 |
|  | 0\% | 6\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 6.05\% |
| TOTALS | - | 40,147,446.61 | - | - | 197,661,210.08 | - | - | 177,114,842.23 | 414,923,499 |
| (\%) PORTFOLIO | 0.00\% | 9.68\% | 0.00\% | 0.00\% | 47.64\% | 0.00\% | 0.00\% | 42.69\% | 100.00\% |

Note: PIP + CD must be under 75\%. Acutal PIP + CD: 57.31\%
Note: Maximum participation by any one vendor limited to $35 \%$ of total portfolio.

State of Rhode Island
Short Term Cash Monthly Performance Performance for

| May 01, 2012 to May 31, 2012 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fund Name |  | inning Balance |  | Ending Balance |  | ge Daily Balance |  | Earnings | Yield(Annual) |
| GENERAL FUND | \$ | 144,738,583.53 | \$ | 138,488,161.61 | \$ | 152,854,712.56 | \$ | 49,578.08 | 0.3819\% |
| H.A.V.A | \$ | 294.35 | \$ | 294.37 | \$ | 294.35 | \$ | 0.02 | 0.0800\% |
| GENERAL FUND (HIST PRES) | \$ | 536,332.68 | \$ | 536,429.05 | \$ | 536,332.68 | \$ | 96.37 | 0.2116\% |
| HISTORIC TAX CREDITS | \$ | 1,200,600.64 | \$ | 1,200,816.38 | \$ | 1,200,600.64 | + | 215.74 | 0.2116\% |
| HIGHWAY FUND | \$ | 6,028,688.10 | \$ | 10,529,905.58 | \$ | 7,241,591.33 | \$ | 1,217.48 | 0.1980\% |
| T.D.I. RESERVE (DET) | \$ | 76,077,460.55 | \$ | 103,100,227.82 | \$ | 100,754,879.90 | \$ | 22,767.27 | 0.2661\% |
| EMPLOYER PENSION CONTRIBUTION | \$ | - | \$ | - |  |  | \$ | - |  |
| RICAP GL FUND 21 | \$ | 73,802,720.38 | \$ | 69,316,997.77 | \$ | 71,334,978.44 | \$ | 14,277.39 | 0.2357\% |
| BOND CAPITAL FUND | \$ | 3,461,967.66 | \$ | 1,662,492.99 | \$ | 3,355,516.05 | \$ | 525.33 | 0.1843\% |
| R.I. CLEAN WATER ACT | \$ | 3,173,333.51 | \$ | 3,173,811.97 | \$ | 3,173,333.51 | \$ | 478.46 | 0.1775\% |
| STATE LOTTERY FUND | \$ | 49,205,295.19 | \$ | 51,614,307.26 | \$ | 43,576,262.93 | \$ | 9,012.07 | 0.2435\% |
| ASSESSED FRINGE BEN ADM | \$ | 1,007,311.51 | \$ | 1,007,484.70 | \$ | 1,007,311.51 | \$ | 173.19 | 0.2024\% |
| AUTO EQUIPMENT SERVICE | \$ | 500,910.77 | \$ | 922.87 | \$ | 162,201.09 | \$ | 12.10 | 0.0878\% |
| HEALTH INSURANCE FUND | \$ | 21,428,511.59 | \$ | 22,432,194.82 | \$ | 20,728,511.59 | \$ | 3,683.23 | 0.2092\% |
| fleet revolving loan fund | \$ | 500,662.66 | \$ | 500,700.01 | \$ | 500,662.66 | \$ | 37.35 | 0.0878\% |
| employees retirement | \$ | 1,296,814.21 | \$ | 602,297.47 | \$ | 18,793,588.41 | \$ | 5,483.26 | 0.3435\% |
| MUNICIPAL EMPLOYEES RET. | \$ | 358,218.27 | \$ | 258,610.55 | \$ | 2,045,315.04 | \$ | 392.28 | 0.2258\% |
| RETIREE HEALTH FUND | \$ | 3,510,011.33 | \$ | 3,010,552.59 | \$ | 3,013,237.14 | \$ | 541.26 | 0.2115\% |
| BOG RETIREE FUND | \$ | 174,025.15 | \$ | 174,056.42 | \$ | 174,025.15 | \$ | 31.27 | 0.2116\% |
| RIPTA HEALTH FUND | \$ | 1,065,098.40 | \$ | 1,065,289.79 | \$ | 1,065,098.40 | \$ | 191.39 | 0.2116\% |
| PERMANENT SCHOOL FUND | \$ | 1,430,686.03 | \$ | 1,430,932.95 | \$ | 1,430,686.03 | \$ | 246.92 | 0.2032\% |
| TEACHER RETIREE HEALTH FUND | \$ | 484,103.98 | \$ | 484,190.97 | \$ | 484,103.98 | \$ | 86.99 | 0.2116\% |
| RI St pol retiree health | \$ | 225,549.17 | \$ | 125,573.49 | \$ | 135,226.59 | \$ | 24.32 | 0.2118\% |
| Ri leg retiree health | \$ | 192.56 | \$ | 192.57 | \$ | 192.56 | \$ | 0.01 | 0.0611\% |
| RI JUDICIAL Retiree health | \$ | 111.92 | \$ | 111.93 | \$ | 111.92 | \$ | 0.01 | 0.1052\% |
| UNIVERSITY COLLEGE | \$ | 3,353,648.57 | \$ | 553,982.33 | \$ | 1,866,551.80 | \$ | 333.76 | 0.2105\% |
| HIGHER EDUCATION | \$ | 4,896.56 | \$ | 4,897.44 | \$ | 4,896.56 | \$ | 0.88 | 0.2116\% |
| INDUS. BLDG. \& MTG. INS. | \$ | 3,647,407.81 | \$ | 3,648,063.22 | \$ | 3,647,407.81 | \$ | 655.41 | 0.2116\% |
| Operating Funds Totals | \$ | 397,213,437.08 | \$ | 414,923,498.92 | \$ | 439,087,630.63 | \$ | 110,061.84 | 0.295\% |
| G.O. NOTE 1991 SER. B | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL1993A | \$ | 7,386.46 | \$ | 7,386.58 | \$ | 7,385.48 | \$ | 1.33 | 0.2120\% |
| BOND CCDL 1994 SERIES A | \$ | 15,002.46 | \$ | 15,002.70 | \$ | 15,000.48 | \$ | 2.70 | 0.2119\% |
| BOND CCBL96A | \$ | - | \$ | - |  |  | \$ | - |  |
| CAP deV of 1997 SERIES A | \$ | 40,477.79 | \$ | 40,478.43 | \$ | 40,472.44 | \$ | 7.27 | 0.2115\% |
| CCDL1998A | \$ | 1,696,111.29 | \$ | 1,696,138.20 | \$ | 1,695,887.23 | \$ | 304.74 | 0.2116\% |
| CCDL 1998B | \$ | 1,69,111.29 | \$ | 1,69,138.20 |  |  | \$ | . |  |
| MMG099 1999 | \$ | - | \$ | - |  |  | \$ | - |  |
| BOND CAPITOL CCDL2000A | \$ | 102,400.93 | \$ | 102,402.56 | \$ | 102,387.41 | \$ | 18.40 | 0.2116\% |
| MULTI-MODAL GEN OBL 2000 | \$ | - | \$ | 102,02.56 |  |  | \$ | - |  |
| CCDL2001C | \$ | 201,359.85 | \$ | 201,363.05 | \$ | 201,333.25 | \$ | 36.18 | 0.2116\% |
| CCDL2002B | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL 2004 SERIES A | \$ | 3,044,520.52 | \$ | 3,036,324.43 | \$ | 3,039,331.74 | \$ | 546.15 | 0.2116\% |
| BOND CCDL 2005 SERIES C | \$ | 7,906,490.74 | \$ | 7,707,673.12 | \$ | 7,789,942.43 | \$ | 1,399.78 | 0.2116\% |
| BOND CCDL 2005 SERIES E | \$ | 897,294.71 | \$ | 897,308.95 | \$ | 897,176.18 | \$ | 161.22 | 0.2116\% |
| BOND CCDL 2006 SERIES B | \$ | - | \$ | - |  |  | \$ | - |  |
| BOND CCDL 2006 SERIES C | \$ | 3,486,329.76 | \$ | 3,361,691.77 | \$ | 3,413,473.89 | \$ | 613.37 | 0.2116\% |
| GO BND-NTAX 2007 SERIES A | \$ | 5,996,841.63 | \$ | 5,990,209.69 | \$ | 5,992,143.80 | \$ | 1,076.75 | 0.2116\% |
| GO BND-TAX 2007 SERIES B | \$ | - | \$ | - |  |  | \$ | - |  |
| GO BND-NTAX 2008 SERIES B | \$ | 474,687.13 | \$ | 474,694.66 | \$ | 474,624.42 | \$ | 85.29 | 0.2116\% |
| GO BND-TAX 2008 SERIES C | \$ | - | \$ |  |  |  | \$ | - |  |
| CCDLIOB BOND CAPITAL COMPONENT | \$ | 5,335,549.22 | \$ | 4,175,171.73 | \$ | 4,661,086.40 | \$ | 837.47 | 0.2116\% |
| CCDL10C | \$ | 161,340.99 | \$ | 161,369.98 | \$ | 161,340.99 | \$ | 28.99 | 0.2116\% |
| CCDL10D | \$ | 103,932.96 | \$ | 103,934.61 | \$ | 103,919.23 | \$ | 18.67 | 0.2115\% |
| CCDL2011A | \$ | 89,751,822.47 | \$ | 84,461,179.31 | \$ | - | \$ | 15,351.63 | 0.2116\% |
| CLEAN WATER CCDL 1998B | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER CCDL 1994 (A) | \$ | - | \$ | - |  |  | \$ | - |  |
| CAP DEV. Of 1997 SERIES A | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER CCDL 2002 B | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER 2004 SERIES A | \$ | 222,557.67 | \$ | 222,561.20 | \$ | 222,528.27 | \$ | 39.99 | 0.2116\% |
| CLN WATER CCDL 2005 SER E | \$ | - | \$ |  | \$ |  | \$ | - |  |
| CAP DEV. Of 1997 SERIES A | \$ | - | \$ | - | \$ | - | \$ | - |  |
| RI POLLUT. CONT 94 SER. A | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CCDL99A 1999A | \$ | 205,323.65 | \$ | 205,326.24 | \$ | - | \$ | 36.89 | 0.2116\% |
| POL. CTRL CCDL 2006 SER C | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CLEAN WATER 2007 SERIES A | \$ | 283,298.47 | \$ | 283,302.96 | \$ | - | \$ | 50.90 | 0.2116\% |
| RI POLLUTION CONTROL 2008 B | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CCDLIOB CLEAN WATER COMPONENT | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CCDL2011A CLEAN WATER COMPONENT | \$ | 1,260,206.43 | \$ | 1,260,226.42 | \$ | - | \$ | 226.42 | 0.2116\% |
| CCDL2011A POLL CTRL CMPNT | \$ | 1,20, - | \$ | - | \$ | - | \$ | - |  |
| Bond Proceeds Fund Totals | \$ | 119,932,728.70 | \$ | 114,403,746.59 | \$ | 28,818,033.64 | \$ | 20,617.72 | 0.212\% |
| TANS PROCEEDS | \$ | 202,251,318.42 | \$ | 202,278,055.82 | \$ | 202,251,318.42 | \$ | 26,737.40 | 0.1557\% |
| Grand Totals | \$ | 719,397,484.20 | \$ | 731,605,301.33 | \$ | 670,156,982.69 | \$ | 157,416.96 | 0.245\% |


[^0]:    The above is manager composite history.

