STATE OF RHODE ISLAND INVESTMENT COMMISSION MEETING

DATA AT
September 30, 2012
October 24, 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 Office of the General Treasurer 

## Gina M. Ramondo

General Treasurer

## RHODE ISLAND STATE INVESTMENT COMMISSION MEETING NOTICE

The next meeting of the Rhode Island State Investment Commission has been scheduled for Wednesday, October 24, 2012 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 September 26, 2012*
- State Investment Commission Meeting held on October 10, 2012*
- Alternative Consultant - EnCap Energy Capital Fund IX Recommendation*
- HF Monitoring Process
- Risk Management Discussion
- Legal Counsel Report
- Chief Investment Officer Report
- Treasurer's Report
* Commission members may be asked to vote on this itcm.

POSTED ON FRIDAY, OCTOBER 19, 2012

## APPROVAL OF MINUTES



State Investment Commission<br>Monthly Meeting Minutes<br>Wednesday, September 26, 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 9:03 a.m., Wednesday, September 26, 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. Robert Giudici, Ms. Paula McNamara, Mr. Andrew Reilly, General Treasurer Gina Raimondo and Mr. Frank Karpinksi. The committee respects and recognizes Ms. Reback was absent due to Yom Kippur.
Also in attendance: Mr. Thomas Lynch of Cliffwater, Alternative Investment Consultant to the Commission; Mr. Allan Emkin and Mr. John Burns, of Pension Consulting Alliance (PCA), General Policy Consultant to the Commission; Ms. Sally Dowling, of Adler Pollock Legal Counsel to the Commission; Kenneth Goodreau, chief investment officer and members of the Governor's, Treasurer's and Auditor General's staff.

Treasurer Raimondo called the meeting to order at 9:03 a.m.

## II. Approval of Minutes

On a motion by Ms. Booth Gallogly and seconded by Mr. Reilly, it was unanimously VOTED: To approve the draft of the minutes of the August 22, 2012 meeting of the State Investment Commission.

## III. General Consultant Fixed Income Update

Mr. Burns updated the board on the core manager hirings and explained the guidelines and contracts are being negotiated. Treasury is currently working with a transition manager to execute and Mr. Goodreau and Mr. Kem Edwards, from Treasury, then gave an update on the specifics on timeline and logistics of the transition.
Treasurer Raimondo explained PCA and Treasury staff will create a timeline for the remainder of the fixed income transition.

## IV. Legal Counsel Report

There was no legal update.

## V. CIO Report

Mr. Goodreau gave an update on performance and explained some upcoming changes in reporting performance. He explained our performance relative to the benchmark is good, but volatility is down and this is especially important when the fund has negative cash flows to pay benefits. All our volatility numbers in the past five years have been dramatically reduced. He said the plan's costs are around the median when compared to other state's plans. He elaborated, when compared to similar risk-averse states with higher alternatives exposure their average fees are much higher than ERSRI's. In conclusion, the portfolio is hitting its benchmark while reducing risk and volatility in a relatively cost-efficient manner.
Ms. Booth Gallogly asked about the best page to analyze the hedge funds and Mr. Goodreau pointed her to the Cliffwater performance reports and then analyzed them.
Mr. Lynch gave a brief update on the overall hedge fund portfolio and explained it is beating the hedge fund benchmark with a third less risk. The portfolio is producing half the return of the equity market with about $20 \%$ of the volatility.
Mr. Costello reiterated, while competitive returns are important, lowering risk and the standard deviation is also very important because of the plan's liquidity issues.
Mr. Emkin stated the equity and bond markets have done extremely well recently.
The committee discussed best practices on how to analyze the hedge fund portfolio and Treasurer Raimondo recommended Cliffwater present next meeting on how the hedge fund portfolio is being monitored.

## VI. Treasurer's Report

Treasurer Raimondo explained the custody transition is going very well and gave a brief update.
Separately, she also mentioned TIAA-CREF opened their Providence Office last week with about 10 full-time employees.

## VII. Adjournment

There being no other business to come before the Board, on a motion by Mr. Costello and seconded by Ms. McNamara the meeting adjourned at 9:27 a.m.

Respectfully submitted,

Gina M. Raimondo

General Treasurer


# State Investment Commission 

Monthly Meeting Minutes
Wednesday, October 10, 2012
9:00 a.m.
Room 135, State House

The Interim Meeting of the State Investment Commission (SIC) was called to order at 9:06 a.m., Wednesday, October 10, 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, Mr. Robert Giudici, Ms. Paula McNamara, Ms. Marcia Reback, Mr. Andrew Reilly and General Treasurer Gina Raimondo.
Also in attendance: Mr. Allan Emkin and Mr. John Burns, of Pension Consulting Alliance (PCA), General Policy Consultant to the Commission; Ms. Sally Dowling, of Adler Pollock Legal Counsel to the Commission; Kenneth Goodreau, chief investment officer and members of the Governor's, Treasurer's and Auditor General's staff.

Treasurer Raimondo called the meeting to order at 9:06 a.m.

## II. General Consultant Risk Management Presentation

Treasurer Raimondo thanked everyone for making the effort to come to an interim meeting. The Treasurer explained how PCA came to her and suggested the committee take some time to think about the possibility of a negative market correction, with the focus on the US equity market. The Treasurer explained she did not want to make any decisions without full input from the board.
Treasurer Raimondo then introduced Mr. Emkin to discuss the concepts of risk management and possible methods on which to mitigate risk.
Mr. Emkin explained aspects of the current climate are unprecedented and explained as consultants, PCA does not take this unique situation lightly. He said the board has already systematically addressed a variety of risks, but there is still a significant exposure to growth and equity risk.
Mr. Emkin explained the risks of the general market environment and pointed out the more unfunded a plan is the more disastrous a big negative return could be, because you won't have the ability to recuperate losses. It would be prudent to avoid this situation if possible.
Ms. McNamara asked what has changed in the last few months to warrant this. Mr. Emkin cited a confluence of the recent run-up of the equity markets, general market risk and further that the pricing of these risk-mitigating methods is currently low, because perceived volatility is also low.
Mr. Costello mentioned we have already taken certain measures to mitigate risk and the board would have to strategically time the policy change which is extremely difficult.
Mr . Emkin reiterated the difference between a relative return and absolute return investor. He explained, in his estimation, this board has made a conscious decision to be more concerned about preservation of principal.

Mr. Goodreau explained managing a lot of risk in the markets is out of the board's control, but it is important the board defines what level of risk is prudent.
Treasurer Raimondo elaborated; we are managing someone's pension dollars, not an endowment. The portfolio has still not made up from the loss in 2008 and as the chair of the committee, she is more concerned about not losing people's retirement money than capitalizing on the upside.
Mr. Costello said we should price it out and then make a decision. His main concern is hitting our 7.5\% number over a five to ten year timeframe. The Treasurer agreed.
Mr. Reilly asked how broad this protection will go and how does the board make sure it's in the right area. Mr. Emkin said there are a variety of risks, but there is no question the largest single risk in the portfolio is growth risk which is directly related to equity, U.S. equity in particular. He explained the best situation of all is if you don't have to use the insurance policy. Mr. Goodreau mentioned all of our equity is in a passive mandate at very little cost. Only a few years ago, these were active mandates where we paid for active protection against the downside. He explained, though it has a cost, a hedge would be a more effective way to protect against downside than active managers.
Mr. Costello applauded PCA and the Treasurer for having this conversation, but he was concerned about implicitly timing the market. He said the portfolio might have a hard time hitting the assumed rate of return year-over-year if we don't have years where we are up 10$15 \%$, because there will be years where the portfolio is down or only up $2-3 \%$. He believes at some point you need to take risk to hit the return. The Treasurer agreed but pointed out the portfolio might have a difficult time hitting its target rate of return if we have a year like we had in 2008.
Mr. Emkin and Mr. Burns explained risk mitigating options to the board in detail, including simple puts and calls, collars, put-spreads and a put-spread collars.
Mr. Fay sought to define what levels of risk and option pricing the board is willing to tolerate. Mr. Giudici asked if this was typical for a defined benefit plan to use these types of vehicles and Mr. Emkin answered that it is mainstream.
Ms. Booth Gallogly asked if there are any other ways to mitigate risk and Mr. Emkin said, not without structurally changing policy.
Mr. Goodreau referenced a policy in place which says the board is allowed to take advantage of opportunistic events as long as the action is risk mitigating and not return chasing. Treasurer Raimondo recommended PCA bring a proposal on what the board should consider with guidelines it should be inexpensive, palatable and not give up too much upside.

## III. Adjournment

There being no other business to come before the Board, on a motion by Mr. Costello and seconded by Ms. Reback the meeting adjourned at 10:15 a.m.

Respectfully submitted,

## Gina M. Raimondo

General Treasurer

## STAFF SUMMARY

## RHODE ISLAND STATE INVESTMENT COMMISSION

STAFF SUMMARY ANALYSIS
PORTFOLIO HIGHLIGHTS
September 30, 2012

## PORTFOLIO PERFORMANCE

## September

The ERSRI portfolio posted a $1.86 \%$ gain for the month of September, against the policy index of $2.10 \%$. Glopbal Equities gained $2.96 \%$, the Fixed Income asset class returned $0.64 \%$, and the Real Return class returned $0.83 \%$. If we factor out PE \& RE investments, due to the way they are monitored, the plan performance was $0.77 \%$ against its $1.96 \%$ index.

## Calendar Year to Date

For the eight months ending September 30, 2012, the portfolio is up 10.05\% against the policy index of $10.09 \%$. Global Equities were up $13.22 \%$, fixed income returned $6.66 \%$, while Real return generated a return of $5.64 \%$.

## Fiscal Year to Date

For the Fiscal Year ended June 30, 2013, the fund has gained 4.47\%, against the policy index of $4.73 \%$.

| Index Performance Summary - September 30, 2012 |  |  |
| :--- | :---: | ---: |
| Market Indices | Sep-12 | Calendar <br> YTD |
| Global Equity |  |  |
| S \& P 500 | $0.00 \%$ | $0.00 \%$ |
| MSCI AC World | $3.15 \%$ | $12.88 \%$ |
| Russell 2000 | $0.00 \%$ | $0.00 \%$ |
| MSCI ACWI ex US | $0.00 \%$ | $0.00 \%$ |
| Policy Index | $1.96 \%$ | $10.57 \%$ |
|  |  |  |
| Fixed Income |  | $3.99 \%$ |
| BC AGG | $0.14 \%$ | $3.38 \%$ |
| HFRI Fund Wgt Com | $0.82 \%$ |  |
| Real Return |  | $5.59 \%$ |
| CPI +4\% | $0.77 \%$ |  |


| ERSRI Performance By Asset Class | Sep-12 | Calendar <br> YTD |
| :--- | :---: | :---: |
| Global Equity | $2.96 \%$ | $13.22 \%$ |
| Fixed Income | $0.64 \%$ | $6.66 \%$ |
| Real Return | $0.83 \%$ | $5.64 \%$ |
| Total Fund Composite* | $\mathbf{0 . 7 7 \%}$ | $\mathbf{8 . 8 0 \%}$ |
| Manager Summary | Sep-12 | CYTD |
| GLOBAL EQUITY |  |  |
| SSgA S\&P 500 |  |  |
| Russell Overlay | $0.00 \%$ | $0.00 \%$ |
| Wellington Technical Eq | $0.08 \%$ | $0.14 \%$ |
| Russell 2000 Index | $0.00 \%$ | $0.00 \%$ |
| MSCI Ex US Index Fund | $0.00 \%$ | $0.00 \%$ |
| Global Equity Hedge Funds | $0.00 \%$ | $0.00 \%$ |
| Total Global Equity | $1.12 \%$ | $4.91 \%$ |
|  | $\mathbf{2 . 9 6 \%}$ | $\mathbf{1 3 . 2 2 \%}$ |
| FIXED INCOME |  |  |
| Brown Bros Core |  |  |
| Fidelity | $0.63 \%$ | $7.61 \%$ |
| Taplin Canida \& Habacht | $0.39 \%$ | $4.04 \%$ |
| Fixed Income Cash Acct | $0.82 \%$ | $8.58 \%$ |
| Mackay Shield | $0.00 \%$ | $0.00 \%$ |
| Alternative Fixed Income | $0.84 \%$ | $10.94 \%$ |
| Total Fixed Income | $-0.22 \%$ | $-0.46 \%$ |
| Real Return | $\mathbf{0 . 6 4 \%}$ | $\mathbf{7 . 2 8 \%}$ |
| Brown Bros TIPS |  |  |
| Alternative Absolute Return | $\mathbf{0 . 6 5 \%}$ |  |
| Total Real Return | $1.01 \%$ | $4.88 \%$ |
| *Total Fund Composite includes all classes ex PE \& RE | $\mathbf{5 . 3 9 \%}$ |  |

## Market Valuation Report

## Market Values

The total portfolio value increased in September by $\$ 80.1$ million to $\$ 7.43$ billion. This compares with an decrease in value of $\$ 365.4$ million for the same period in 2011. The Global Equity Market values decreased by $\$ 180.0$ million, including transfers out of $\$ 180.0$ million; Fixed Income increased by $\$ 8.7$ million, including transfers out of $\$ 0.2$ million; The Cash Accounts increased by $\$ 238.9$ million including transfers in of $\$ 238.9$ million, and Alternative Investments decreased by $\$ 5.4$ million, including transfers out of $\$ 8.4$ million. The Real Return Pool increased by $\$ 6.4$ million including transfers in of $\$ 0.2$ million. The overlay account increased by $\$ 4.9$ million, including transfers in of $\$ 0.0$ million.



## Cash Flow

September's pension payroll of $\$ 77.4$ million was greater than the $\$ 25.3$ million in contributions and wire transfers received by $\$ 52.1$ million.
To meet pension and other obligations, a transfer from long-term investments of $\$ 55.2$ million was necessary.

## Alternative Investments

At this time the alternative investment asset class has unfunded commitments of approximately $\$ 218.9$ million on commitments of $\$ 1,146$ million.

## CAPITAL CALLS

Net of Distributions

| $\begin{gathered} \text { September } \\ 2012 \end{gathered}$ | FYTD | UNFUNDED BALANCE |
| :---: | :---: | :---: |
| -\$5,427,523 | -\$12,533,225 | \$ 218,866,971 |
| $\begin{gathered} \text { September } \\ 2011 \end{gathered}$ | FYTD | UNFUNDED BALANCE |
| -\$5,613,484 | -\$12,022,962 | \$144,210,200 |



## PERFORMANCE



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

## Gina M. Raimondo

General Treasurer

October 19, 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 September 30, 2012.

## Employees' Retirement System of Rhode Island

## Composite Reporting Investment Valuation

September 30, 2012

| Asset Class |  |  |
| :---: | :---: | :---: |
| Cash/Short Term Investments |  | 584,915,534 |
| Global Equities |  | 3,699,767,647 |
| Fixed Income - Government | \$663,600,720 |  |
| Fixed Income - Corporate | \$758,754,526 |  |
| Fixed Income - In State | \$0 |  |
| Total Fixed Income |  | 1,422,355,246 |
| Real Return |  | 839,069,883 |
| Alternative Investments |  | 612,632,509 |
| Real Estate |  | 273,882,364 |
| Total Fund Investments |  | 7,432,623,182 |
| Plan Allocation |  |  |
| State Employees \& Teachers | 82.11\% | 6,102,967,648 |
| Municipal Employees | 16.17\% | 1,201,872,509 |
| State Police | 1.14\% | 84,524,891 |
| Judicial | 0.58\% | 43,258,134 |
| Total Fund Investments | 100.00\% | 7,432,623,182 |

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


|  | Ending Market Value | \% of plan | 1 Month | 3 Month | YTD | 1 Year | 3 Year | 5 Year | 10 Year | ITD | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SSGA MSCI EAFE INDEX NL | 1,090,091,830 | 14.7 | 3.0 |  |  |  |  |  |  |  | 08/12 |
| MSCI EAFE (NET) |  |  | 3.0 |  |  |  |  |  |  |  | 08/12 |
| SSGA MSCI CANADA INDEX NL | 132,117,793 | 1.8 | 3.7 |  |  |  |  |  |  |  | 08/12 |
| MSCI CANADA ( NET) |  |  | 3.7 |  |  |  |  |  |  |  | 08/12 |
| SSGA MSCI EMERG MKTS INDEX NL | 418,833,316 | 5.6 | 6.0 |  |  |  |  |  |  |  | 08/12 |
| MSCI EMERGING MARKETS (NET) |  |  | 6.0 |  |  |  |  |  |  |  | 08/12 |
| INTERNATIONAL PUBLIC EQUITY | 1,641,215,234 | 22.1 | 3.7 | 7.3 | 10.5 | 14.7 | 3.5 |  |  | 12.4 | 05/09 |
| MSCI AC WORLD ex US (NET) |  |  | 3.7 | 7.4 | 10.4 | 14.5 | 3.2 |  |  | 12.1 | 05/09 |
| SSGA RUSSELL 3000 INDEX NL | 1,612,176,517 | 21.7 |  |  |  |  |  |  |  |  | 08/12 |
| RUSSELL 3000 INDEX |  |  | 2.6 |  |  |  |  |  |  |  | 08/12 |
| ALTERNATIVE EQUITY | 532,969,860 | 7.2 | 1.1 | 3.0 | 4.9 |  |  |  |  | 4.1 | 11/11 |
| HFRX EQUITY HEDGE |  |  | 0.8 | 2.2 | 3.4 |  |  |  |  | 1.1 | 11/11 |
| TOTAL GLOBAL EQUITY | 3,788,253,667 | 51.0 | 3.0 | 6.2 | 13.2 | 23.3 | 9.2 | -0.4 | 8.9 | 2.3 | 07/00 |
| MSCI AC WORLD (NET) |  |  | 3.1 | 6.8 | 12.9 | 21.0 | 7.2 | -2.1 | 8.6 | 1.9 | 07/00 |
| BROWN BROTHERS HARRIMAN - CORE | 414,541,951 | 5.6 | 0.6 | 2.9 | 7.5 | 8.8 | 7.1 | 6.5 | 5.5 |  | 04/90 |
| CITIGROUP BIG |  |  | 0.1 | 1.6 | 4.0 | 5.1 | 6.0 | 6.7 | 5.5 |  | 04/90 |
| PYRAMIS GLOBAL ADVISORS | 418,854,739 | 5.6 | 0.4 | 1.5 | 4.0 | 5.1 | 6.2 | 6.5 | 5.5 |  | 11/89 |
| Barclays MBS |  |  | 0.2 | 1.1 | 2.8 | 3.7 | 5.0 | 6.4 | 5.2 |  | 11/89 |
| TAPLIN, CANIDA \& HABACHT | 423,871,487 | 5.7 | 0.8 | 3.9 | 8.4 | 10.3 | 8.8 | 6.7 | 7.1 |  | 05/96 |
| Barclays Credit |  |  | 0.6 | 3.5 | 8.2 | 10.1 | 8.7 | 7.9 | 6.4 |  | 05/96 |
| MACKAY SHIELDS, LLC | 202,377,361 | 2.7 | 0.7 | 4.2 | 10.5 | 16.5 | 11.8 | 8.1 | 11.2 | 11.2 | 10/02 |
| CSFB GLOBAL HIGH YIELD |  |  | 1.3 | 4.3 | 11.2 | 17.9 | 12.6 | 8.6 | 10.5 | 10.5 | 10/02 |
| ALTERNATIVE FIXED INCOME | 139,207,470 | 1.9 | -0.2 | 0.2 | -0.5 |  |  |  |  | -1.0 | 12/11 |
| Barclays Aggregate Bond |  |  | 0.1 | 1.6 | 4.0 |  |  |  |  | 5.1 | 12/11 |
| TOTAL FIXED INCOME | 1,598,853,009 | 21.5 | 0.6 | 2.7 | 6.5 | 8.1 | 6.4 | 6.3 | 6.1 |  | 01/93 |
| Barclays Aggregate Bond |  |  | 0.1 | 1.6 | 4.0 | 5.2 | 6.2 | 6.5 | 5.3 |  | 01/93 |
| BROWN BROTHERS HARRIMAN - TIPS | 386,934,115 | 5.2 | 0.7 | 2.4 | 6.7 | 9.3 | 9.5 | 8.4 |  | 6.9 | 06/04 |
| Barclays US TIPS Index |  |  | 0.5 | 2.2 | 6.5 | 9.4 | 9.5 | 8.1 |  | 6.7 | 06/04 |

Periods Ending 09/30/2012

|  | Ending Market Value | \% of plan | 1 Month | 3 Month | YTD | 1 Year | 3 Year | 5 Year | 10 Year | ITD | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALTERNATIVE ABSOLUTE RETURN | 364,848,500 | 4.9 | 1.0 | 3.0 | 4.4 |  |  |  |  | 4.8 | 11/11 |
| HFRI Fund of Funds Composite Index |  |  | 0.8 | 2.4 | 3.4 |  |  |  |  | 1.8 | 11/11 |
| total alternative absolute return | 751,782,615 | 10.1 | 0.8 | 2.7 | 5.6 | 7.9 |  |  |  | 8.8 | 11/09 |
| CPI + 4\% |  |  | 0.8 | 1.8 | 5.6 | 6.1 |  |  |  | 6.4 | 11/09 |
| REAL EState | 273,882,954 | 3.7 | 1.0 | 2.3 | 7.0 | 10.6 | 6.2 | -5.2 |  | -0.7 | 01/05 |
| NCREIF PROPERTY LAG + 100 BPS |  |  | 2.8 | 2.9 | 9.3 | 13.1 | 9.9 | 3.6 |  | 8.9 | 01/05 |
| PRIVATE EQUITY | 611,716,300 | 8.2 | 0.1 | 1.4 | 9.1 | 6.3 | 14.3 | 4.2 | 10.8 |  | 02/89 |
| S\&P 500 PLUS 300 BP |  |  | 2.8 | 7.1 | 19.0 | 34.0 | 16.6 | 4.1 | 11.2 |  | 02/89 |
| TOTAL ALTERNATIVE INVESTMENTS | 885,599,255 | 11.9 | 0.3 | 1.7 | 8.4 | 7.6 | 12.1 | 1.4 | 8.8 | 8.3 | 04/96 |
| TOTAL ALTERNATIVES BENCHMARK |  |  | 2.8 | 5.3 | 14.8 | 25.1 | 13.8 | 4.0 | 10.4 |  | 04/96 |
| RUSSELL IMPLEMENTATION SERVICES | 71,282,505 | 1.0 | 0.1 | 0.1 | 0.1 | 0.3 | -0.1 |  |  | -0.2 | 09/08 |
| CASH ACCOUNT (INSIDE) | 334,019,983 | 4.5 | 0.0 | 0.1 | 0.2 | 0.2 | 0.2 | 1.7 | 10.5 | 17.5 | 07/00 |
| 91 DAY TREASURY BILL |  |  | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.7 | 1.8 | 2.2 | 07/00 |
| CASH ACCOUNT (OUTSIDE) | 1,376,584 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.7 | 2.2 | 07/00 |
| 91 DAY TREASURY BILL |  |  | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.7 | 1.8 | 2.2 | 07/00 |
| Other | 1,455,564 | 0.0 |  |  |  |  |  |  |  |  | 11/11 |
| TOTAL PLAN | 7,432,623,182 | 100.0 | 1.9 | 4.4 | 9.9 | 15.5 | 9.0 | 1.5 | 8.3 |  | 02/84 |
| TOTAL PLAN BENCHMARK |  |  | 2.1 | 4.7 | 10.1 | 16.9 | 9.0 | 1.4 | 8.3 |  | 02/84 |

Employees' Retirement System of the State of Rhode Island
Hedge Fund Portfolio
Portfolio Performance Summary
Estimated as of September 30, 2012

| Fund | Market Value | Actual \% | Sep | YTD | FYTD | Returns 1 Year | 3 Year | 5 Year | Incep | Std Dev | Sharpe <br> Ratio | Incep Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II LP | 61,317,412 | 5.9\% | 0.15\% | 2.81\% | 0.36\% | - | - | - | 2.20\% | 1.37\% | - | Nov-11 |
| Davidson Kempner Institutional Partners, L.P. | 63,707,623 | 6.1\% | 1.05\% | 5.84\% | 2.55\% | - | - | - | 6.18\% | 1.57\% | - | Nov-11 |
| Elliott Associates, L.P. | 64,605,363 | 6.2\% | 1.90\% | 9.87\% | 4.66\% | - | - | - | 7.68\% | 4.81\% | - | Nov-11 |
| Indus Asia Pacific Fund, LP | 41,528,077 | 4.0\% | 1.00\% | 3.82\% | 3.47\% | - | - | - | 3.82\% | 7.34\% | - | Jan-12 |
| Mason Capital Ltd. | 58,395,006 | 5.6\% | -1.15\% | -2.67\% | -1.58\% | - | - | - | -2.67\% | 4.24\% | - | Jan-12 |
| PFM Diversified Fund A.I., L.P. | 28,972,141 | 2.8\% | 1.60\% | - | 3.25\% | - | - | - | -3.43\% | 7.15\% | - | Mar-12 |
| PFM Diversified Fund, L.P. | 29,040,289 | 2.8\% | 1.64\% | - | 3.31\% | - | - | - | -3.20\% | 7.14\% | - | Mar-12 |
| Samlyn Onshore Fund, L.P. | 63,803,180 | 6.2\% | 1.62\% | 6.34\% | 3.83\% | - | - | - | 6.34\% | 5.62\% | - | Jan-12 |
| Third Point Partners Qualified L.P. | 54,952,988 | 5.3\% | 3.20\% | 9.91\% | 6.37\% | - | - | - | 9.91\% | 5.84\% | - | Jan-12 |
| Viking Global Equities, LP | 66,753,791 | 6.4\% | 1.17\% | 11.42\% | 4.10\% | - | - | - | 11.26\% | 3.12\% | - | Dec-11 |
| Total Global Equities | 533,075,869 | 51.4\% | 1.16\% | 5.18\% | 2.95\% | - | - | - | 4.25\% | 3.42\% | - | Nov-11 |
| MSCI AC World Index Free - Net |  |  | 3.15\% | 12.86\% | 6.83\% | - | - | - | 9.27\% | 14.79\% | - | Nov-11 |
| Russell 3000 Index (DRI) |  |  | 2.63\% | 16.13\% | 6.23\% | - | - | - | 16.77\% | 10.85\% | - | Nov-11 |
| HFRI Equity Hedge (Total) Index |  |  | 1.94\% | 5.51\% | 3.47\% | - | - | - | 2.43\% | 8.26\% | - | Nov-11 |
| Real Return |  |  |  |  |  |  |  |  |  |  |  |  |
| BlueCrest Capital LP | 20,980,442 | 2.0\% | 0.63\% | 4.90\% | 2.49\% | - | - | - | 4.90\% | 1.76\% | - | Jan-12 |
| Brevan Howard LP | 76,945,020 | 7.4\% | 1.81\% | 1.46\% | 5.28\% | - | - | - | 2.59\% | 5.00\% | - | Nov-11 |
| Brigade Leveraged Capital Structures Fund LP | 51,466,208 | 5.0\% | 0.18\% | - | 1.44\% | - | - | - | 2.93\% | 1.54\% | - | Mar-12 |
| Capula Global Relative Value Fund Ltd. | 49,874,091 | 4.8\% | -0.13\% | -0.01\% | 0.77\% | - | - | - | -0.25\% | 1.77\% | - | Dec-11 |
| DE Shaw Composite International Fund | 54,688,128 | 5.3\% | 2.00\% | 9.04\% | 3.47\% | - | - | - | 9.38\% | 3.20\% | - | Nov-11 |
| Gracie Credit Opportunities Fund, L.P. | 37,864,953 | 3.7\% | -1.00\% | -4.30\% | -2.08\% | - | - | - | -5.34\% | 4.03\% | - | Dec-11 |
| Graham Global Investment Fund Ltd. - Discretionary 6V Portfolio | 50,923,962 | 4.9\% | 0.36\% | 1.85\% | 1.37\% | - | - | - | 1.85\% | 2.24\% | - | Jan-12 |
| OZ Domestic Partners II, L.P. | 81,274,042 | 7.8\% | 1.09\% | 8.96\% | 3.49\% | - | - | - | 8.37\% | 2.88\% | - | Nov-11 |
| Wexford Spectrum Fund, LP | 50,655,175 | 4.9\% | 0.72\% | 1.31\% | 1.04\% | - | - | - | 1.31\% | 4.66\% | - | Jan-12 |
| Winton Futures Fund Limited | 29,383,380 | 2.8\% | -2.18\% | -3.33\% | 0.82\% | - | - | - | -2.06\% | 7.19\% | - | Dec-11 |
| Total Real Return | 504,055,400 | 48.6\% | 0.60\% | 2.95\% | 2.17\% | - | - | - | 3.19\% | 1.93\% | - | Nov-11 |
| ML 3-month T-Bills |  |  | 0.01\% | 0.06\% | 0.03\% | - | - | - | 0.06\% | 0.02\% | - | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | 0.79\% | 3.33\% | 2.34\% | - | - | - | 1.75\% | 3.69\% | - | Nov-11 |
| Total Hedge Fund Portfolio | 1,037,131,269 | 100.0\% | 0.88\% | 4.08\% | 2.57\% | - | - | - | 3.81\% | 2.44\% | - | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | 0.79\% | 3.33\% | 2.34\% | - | - | - | 1.75\% | 3.69\% | - | Nov-11 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |
| Libor3Month |  |  | 0.03\% | 0.34\% | 0.10\% | - | - | - | 0.43\% | 0.02\% | - | Nov-11 |
| Barclays Aggregate Bond Index |  |  | 0.14\% | 4.00\% | 1.59\% | - | - | - | 5.05\% | 2.20\% | - | Nov-11 |
| Barclays High Yield Credit Bond Index |  |  | 1.39\% | 12.12\% | 4.53\% | - | - | - | 12.61\% | 5.75\% | - | Nov-11 |
| S\&P 500 TR |  |  | 2.58\% | 16.43\% | 6.35\% | - | - | - | 17.36\% | 10.55\% | - | Nov-11 |
| MSCI EAFE - Net |  |  | 2.96\% | 10.08\% | 6.92\% | - | - | - | 3.75\% | 18.51\% | - | Nov-11 |
| MSCI EMF (Emerging Markets Free) - Net |  |  | 6.03\% | 11.99\% | 7.75\% | - | - | - | 3.27\% | 21.94\% | - | Nov-11 |

Employees' Retirement System of the State of Rhode Island
Hedge Fund Portfolio
Portfolio Performance Summary
Estimated as of September 30, 2012
Fund

## Market Value <br> Actual \%

Sep
Most recent month returns are based on manager estimates; prior months use final market values.

Hedge Fund Research, Inc. ("HFR") is the source and owner of the HFR data contained or reflected in this report. The HFR indices included in this report are revised by HFR for up to three months following their initial release. The revisions are reflected in the trailing period returns.
This report reflects information only through the date hereof. Our due diligence and reporting rely upon the accuracy and completeness of financial information (which may or may not be audited by the fund manager) and other information publicly available or provided to us by the fund manager is professional staff, and through other references we have contacted. We have not conducted an independent verification of the information provided other than as described in this report. Our conclusions do not reflect an audit of the investment nor should they be construed as providing legal

| Fund | YTD | Sep | Aug | Trailing Returns |  |  |  | Calendar Year Returns |  |  |  |  | 5 Yr | Sharpe Ratio |  |  | Start Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Jul | 1 Year | 3 Year | 5 Year | 2011 | 2010 | 2009 | 2008 | 2007 | Std Dev | 3 yr | 5 yr | Incep. |  |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II LP | 3.23\% | 0.11\% | 0.56\% | -0.36\% | 2.30\% | 1.36\% | 2.86\% | -3.02\% | 2.94\% | 13.61\% | -3.58\% | 15.36\% | 4.82\% | 0.26 | 0.37 | 0.94 | Jan-04 |
| Davidson Kempner Institutional Partners, LP | 5.66\% | 1.05\% | 0.79\% | 0.62\% | 7.24\% | 6.56\% | 4.69\% | 1.27\% | 9.17\% | 17.79\% | -9.03\% | 6.56\% | 4.94\% | 1.72 | 0.73 | 1.48 | Mar-96 |
| Elliott Associates, L.P. (HFR98) | 9.52\% | 1.90\% | 2.50\% | 0.20\% | 8.43\% | 8.95\% | 10.66\% | 3.94\% | 7.39\% | 30.85\% | -3.08\% | 32.07\% | 5.86\% | 2.31 | 1.57 | 1.79 | Feb-77 |
| Indus Asia Pacific Fund | 4.42\% | 1.00\% | 1.20\% | 1.80\% | 1.29\% | 1.97\% | 0.46\% | -7.18\% | 7.36\% | 25.45\% | -28.99\% | 33.49\% | 9.85\% | 0.25 | -0.02 | 0.72 | Dec-00 |
| Mason Capital, Ltd. | -2.89\% | -1.16\% | 1.26\% | -1.64\% | -3.14\% | 5.66\% | 3.64\% | 4.20\% | 9.62\% | 25.16\% | -15.42\% | 16.75\% | 8.30\% | 0.97 | 0.34 | 0.75 | Feb-02 |
| PFM Diversified Fund, LP | 0.80\% | 1.63\% | 2.08\% | -0.47\% | -1.27\% | 1.88\% | 4.19\% | -3.35\% | 4.36\% | 21.35\% | -6.10\% | 31.21\% | 7.59\% | 0.26 | 0.43 | 0.83 | Nov-04 |
| Samlyn Capital - Composite | 7.35\% | 1.60\% | 1.79\% | 0.80\% | 11.53\% | 2.82\% | 8.35\% | -5.05\% | 1.98\% | 23.57\% | 6.62\% | - | 9.15\% | 0.33 | 0.80 | 1.00 | Mar-07 |
| Third Point Partners L.P. | 11.50\% | 3.20\% | 1.80\% | 1.60\% | 11.38\% | 19.62\% | 9.04\% | -0.54\% | 41.52\% | 38.14\% | -32.84\% | 16.61\% | 14.54\% | 1.62 | 0.59 | 1.22 | Jun-95 |
| Viking Global Equities | 11.30\% | 1.20\% | 0.90\% | 2.00\% | 17.73\% | 8.87\% | 10.81\% | 7.71\% | 3.67\% | 19.20\% | -0.73\% | 38.97\% | 7.98\% | 1.41 | 1.19 | 1.47 | Oct-99 |
| Real Return |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BlueCrest Capital International Limited | 4.96\% | 0.64\% | 0.43\% | 1.45\% | 6.94\% | 9.65\% | 15.47\% | 6.10\% | 12.80\% | 45.41\% | 6.26\% | 10.80\% | 5.34\% | 3.05 | 2.52 | 1.85 | Dec-00 |
| Brigade Leveraged Capital Structures Fund | 4.15\% | 0.18\% | -0.04\% | 0.34\% | 3.64\% | 5.90\% | 6.16\% | 2.55\% | 7.66\% | 39.64\% | -17.14\% | 10.15\% | 7.61\% | 1.91 | 0.68 | 0.73 | Jan-07 |
| Brevan Howard L.P. (Series B) | 1.28\% | 1.81\% | 0.96\% | 2.29\% | 1.66\% | 5.01\% | 10.49\% | 11.33\% | 0.92\% | 17.10\% | 19.14\% | 23.60\% | 7.33\% | 0.94 | 1.25 | 1.29 | Sep-05 |
| Capula Global Relative Value Fund Limited | -0.02\% | -0.12\% | 0.43\% | 0.44\% | 0.97\% | 5.78\% | 8.74\% | 6.19\% | 9.58\% | 12.24\% | 9.45\% | 18.00\% | 5.39\% | 2.20 | 1.38 | 1.63 | Oct-05 |
| DE Shaw Composite International Fund | 7.08\% | 1.90\% | 1.30\% | -0.20\% | 9.11\% | 4.95\% | 5.66\% | 3.69\% | 1.56\% | 21.31\% | -9.81\% | 7.15\% | 6.70\% | 1.05 | 0.69 | 1.30 | Mar-01 |
| Gracie Credit Opportunities Fund L.P. | -4.32\% | -1.00\% | 0.05\% | -1.20\% | -5.72\% | 0.31\% | 7.38\% | 0.10\% | 4.44\% | 16.18\% | 17.94\% | 18.45\% | 6.23\% | 0.00 | 1.00 | 1.21 | Jul-04 |
| Graham Discretionary - 6V Portfolio | 1.86\% | 0.36\% | 0.27\% | 0.77\% | 3.27\% | 5.14\% | 7.67\% | 3.56\% | 7.10\% | 17.13\% | 8.66\% | -6.88\% | 5.38\% | 1.80 | 1.20 | 0.81 | Jun-04 |
| OZ Master Fund, Ltd | 8.02\% | 1.09\% | 1.10\% | 0.78\% | 8.09\% | 6.03\% | 4.34\% | -0.48\% | 8.52\% | 23.11\% | -15.92\% | 11.48\% | 6.03\% | 1.62 | 0.55 | 1.67 | Apr-94 |
| Wexford Spectrum Fund, L.P. | 1.42\% | 0.90\% | 0.62\% | -0.38\% | 4.68\% | 3.37\% | 3.30\% | -3.44\% | 8.45\% | 30.76\% | -13.87\% | 13.03\% | 9.71\% | 0.47 | 0.27 | 0.93 | Apr-97 |
| Winton Futures Fund - USD Class B | -3.36\% | -2.18\% | -1.31\% | 4.41\% | -3.38\% | 5.87\% | 7.39\% | 6.29\% | 14.47\% | -4.64\% | 21.01\% | 17.97\% | 9.32\% | 0.66 | 0.69 | 0.72 | Oct-97 |
| Benchmarks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HFRI Fund of Funds Composite Index | 3.33\% | 0.79\% | 0.75\% | 0.78\% | 2.84\% | 1.48\% | -1.65\% | -5.72\% | 5.70\% | 11.47\% | -21.37\% | 10.25\% | 6.56\% | 0.27 | -0.39 | 0.59 | Jan-90 |
| HFRI Fund Weighted Composite Index | 4.65\% | 1.10\% | 0.87\% | 0.87\% | 5.54\% | 3.90\% | 1.44\% | -5.25\% | 10.25\% | 19.98\% | -19.03\% | 9.96\% | 7.89\% | 0.60 | 0.08 | 1.00 | Jan-90 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Month Libor - BOM | 0.34\% | 0.03\% | 0.04\% | 0.04\% | 0.47\% | 0.37\% | 1.13\% | 0.35\% | 0.35\% | 0.65\% | 2.79\% | 5.25\% | 0.38\% |  |  |  | Mar-86 |
| Barclays Aggregate Bond Index | 4.00\% | 0.14\% | 0.07\% | 1.38\% | 5.17\% | 6.20\% | 6.54\% | 7.86\% | 6.56\% | 5.93\% | 5.24\% | 6.96\% | 3.56\% |  |  |  | Jan-76 |
| Barclays High Yield Credit Bond Index | 12.12\% | 1.39\% | 1.17\% | 1.90\% | 19.36\% | 12.90\% | 9.34\% | 4.98\% | 15.11\% | 58.21\% | -26.15\% | 1.88\% | 14.13\% |  |  |  | Jul-83 |
| S\&P 500 (TR) | 16.44\% | 2.58\% | 2.25\% | 1.39\% | 30.20\% | 13.20\% | 1.05\% | 2.11\% | 15.06\% | 26.46\% | -37.00\% | 5.49\% | 19.13\% |  |  |  | Jan-70 |
| MSCI EAFE - Net - USD | 10.08\% | 2.96\% | 2.69\% | 1.13\% | 13.75\% | 2.12\% | -5.24\% | -12.14\% | 7.75\% | 31.78\% | -43.38\% | 11.17\% | 23.52\% |  |  |  | Dec-69 |
| MSCI EM (EMERGING MARKETS) - Net - USD | 11.98\% | 6.03\% | -0.33\% | 1.95\% | 16.93\% | 5.63\% | -1.28\% | -18.42\% | 18.88\% | 78.51\% | -53.33\% | 39.42\% | 29.55\% |  |  |  | Jan-99 |

Note: The above is manager composite history.


## CUMULATIVE PERFORMANCE REPORT



## State of Rhode Island

## TOTAL PLAN

Benchmark: TOTAL PLAN BENCHMARK
September 30, 2007 - September 30, 2012


| RISK INFORMATION |  | RISK STATISTICS |  |
| :--- | ---: | :--- | :--- |
| Portfolio Return | 1.74 | Historic Beta | 0.91 |
| Benchmark Return | 1.36 | R-squared | 0.99 |
| Return Differences | 0.38 | Jensen's Alpha | 0.44 |
| Portfolio Standard Deviation | 12.45 | Sharpe Ratio | 0.08 |
| Benchmark Standard | 13.67 | Treynor Ratio | 1.12 |
| Tracking Error | 1.91 | Information Ratio | 0.20 |

## ASSET <br> ALLOCATION

## Asset Summary



CASH FLOW

Employees Retirement System

| FISCAL YEAR 2013 | $\begin{gathered} \text { FY 2012-13 } \\ \text { Actual } \\ \text { July } \\ 2012 \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual August | Actual September | Projected October | Projected November | Projected December | Projected January 2013 | Projected February | Projected March | Projected April | $\begin{aligned} & \text { Projected } \\ & \text { May } \end{aligned}$ | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ | TOTAL |
| MEMBER BENEFITS | 69,405,592 | 70,338,986 | 70,150,727 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 839,895,304 |
| ADMINTSTRATIVE EXPENSES | 287,720 | 705,326 | 541,540 | 646,649 | 418,609 | 763,480 | 566,091 | 729,552 | 1,080,787 | 568,054 | 474,315 | 897,153 | 7,679,276 |
| INVESTMENT <br> EXPENSES | 954,598 | 209,630 | 334,436 | $(942,146)$ | 6,757 | 517,797 | 501,413 | 228,446 | 666,823 | 405,876 | 173,652 | 420,419 | 3,477,701 |
| total outflow | 70,647,910 | 71,253,942 | 71,026,703 | 69,704,504 | 70,425,365 | 71,281,277 | 71,067,504 | 70,957,998 | 71,747,610 | 70,973,930 | 70,647,967 | 71,317,572 | 851,052,281 |
| CONTRIBUTIONS | 53,930,531 | 28,770,623 | 21,497,658 | 38,118,149 | 49,232,033 | 41,087,919 | 49,365,444 | 44,163,220 | 54,087,522 | 42,467,147 | 44,302,044 | 46,667,601 | 513,689,891 |
| OTHER INCOME* | 5,459,146 | 2,906,960 | 7,523,067 | 7,603,294 | 8,542,405 | 10,450,579 | 4,447,436 | 6,041,223 | 5,261,846 | 990,900 | 7,436,249 | 11,059,760 | 77,722,865 |
| total income | 59,389,677 | 31,677,583 | 29,020,725 | 45,721,443 | 57,774,438 | 51,538,498 | 53,812,880 | 50,204,443 | 59,349,368 | 43,458,047 | 51,738,293 | 57,727,361 | 591,412,756 |
| DIFFERENCE | (11,258,232) | $(39,576,359)$ | $(42,005,978)$ | $(23,983,061)$ | (12,650,927) | $(19,742,779)$ | $(17,254,623)$ | $(20,753,556)$ | $(12,398,243)$ | $(27,515,883)$ | $(18,909,674)$ | $(13,590,211)$ | $(259,639,525)$ |


|  | $\begin{gathered} \hline \text { Actual } \\ \text { July } \\ 2012 \\ \hline \end{gathered}$ | Actual August | $\begin{gathered} \text { Actual } \\ \text { September } \end{gathered}$ | $\begin{aligned} & \hline \text { Actual } \\ & \text { October } \end{aligned}$ | Actual November | Projected December | $\begin{gathered} \hline \text { Projected } \\ \text { January } \\ 2013 \\ \hline \end{gathered}$ | Projected February | Projected March | $\begin{gathered} \text { Projected } \\ \text { April } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { May } \end{gathered}$ | Projected June | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 6,888,578 | 7,007,580 | 7,109,456 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 84,005,614 |
| ADMINISTRATIVE EXPENSES | 56,172 | 138,204 | 106,647 | 124,054 | 80,412 | 147,098 | 109,377 | 141,222 | 209,477 | 110,375 | 92,345 | 174,971 | 1,490,355 |
| INVESTMENT EXPENSES | 186,366 | 41,076 | 65,861 | $(180,743)$ | 1,298 | 99,763 | 96,880 | 44,221 | 129,243 | 78,864 | 33,809 | 81,994 | 678,631 |
| total outflow | 7,131,115 | 7,186,860 | 7,281,964 | 6,943,311 | 7,081,710 | 7,246,861 | 7,206,258 | 7,185,443 | 7,338,720 | 7,189,239 | 7,126,154 | 7,256,965 | 86,174,600 |
| contributions | 5,193,569 | 3,512,997 | 3,491,224 | 5,123,170 | 4,733,696 | 5,048,323 | 6,107,049 | 4,633,750 | 5,058,462 | 4,415,298 | 4,664,657 | 5,420,386 | 57,402,581 |
| OTHER INCOME* | 1,065,789 | 569,601 | 1,481,536 | 1,458,630 | 1,640,949 | 2,013,490 | 859,312 | 1,169,419 | 1,019,846 | 192,536 | 1,447,777 | 2,156,973 | 15,075,856 |
| total income | 6,259,358 | 4,082,598 | 4,972,760 | 6,581,800 | 6,374,645 | 7,061,813 | 6,966,361 | 5,803,169 | 6,078,308 | 4,607,834 | 6,112,434 | 7,577,359 | 72,478,437 |
| DIFFERENCE | (871,758) | $(3,104,262)$ | $(2,309,204)$ | $(361,511)$ | $(707,066)$ | $(185,048)$ | $(239,897)$ | $(1,382,274)$ | $(1,260,412)$ | (2,581,405) | $(1,013,720)$ | 320,395 | $(13,696,163)$ |


| Judges/State Police Retirement System | $\begin{gathered} \hline \text { Actual } \\ \text { July } \\ 2012 \\ \hline \end{gathered}$ | Actual August | Actual September | Actual October | Actual <br> November | Projected December | $\begin{gathered} \hline \text { Projected } \\ \text { January } \\ 2013 \\ \hline \end{gathered}$ | Projected February | $\underset{\text { March }}{\text { Projected }}$ | Projected April April | $\begin{gathered} \text { Projected } \\ \text { May } \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ | тотAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 190,227 | 189,595 | 189,595 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 2,369,417 |
| ADMINISTRATIVE EXPENSES | 5,888 | 14,583 | 11,339 | 12,266 | 8,002 | 14,735 | 11,012 | 14,315 | 21,360 | 11,356 | 9,564 | 18,244 | 152,664 |
| INVESTMENT <br> EXPENSES | 19,536 | 4,334 | 7,002 | $(17,870)$ | 129 | 9,993 | 9,754 | 4,482 | 13,179 | 8,114 | 3,502 | 8,549 | 70,705 |
| total outalow | 215,652 | 208,512 | 207,936 | 194,395 | 208,132 | 224,728 | 220,767 | 218,797 | 234,539 | 219,470 | 213,066 | 226,793 | 2,592,785 |
| contributions | 385,000 | 545,000 | 285,000 | 512,000 | 529,000 | 502,000 | 500,000 | 515,000 | 835,000 | 490,000 | 505,000 | 480,000 | 6,083,000 |
| OTHER INCOME* | 111,723 | 60,102 | 157,517 | 144,218 | 163,302 | 201,690 | 86,518 | 118,538 | 103,994 | 19,809 | 149,949 | 224,899 | 1,542,259 |
| total income | 496,723 | 605,102 | 442,517 | 656,218 | 692,302 | 703,690 | 586,518 | 633,538 | 938,994 | 509,809 | 654,949 | 704,899 | 7,625,259 |
| DIFFERENCE | 281,072 | 396,590 | 234,581 | 461,823 | 484,170 | 478,962 | 365,752 | 414,740 | 704,454 | 290,339 | 441,883 | 478,106 | 5,032,474 |

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


## TOTAL:

Note: Numbers in bold are actual.

| Partnership Investment | Total Commitment |  | ERSRI Unfunded (USD) |  |
| :---: | :---: | :---: | :---: | :---: |
| Advent Global Private Equity Fund VII | \$ | 20,000,000.00 | \$ | 18,820,000.00 |
| 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 | \$ | 4,937,500.00 |
| Birch Hill Equity Partners III | \$ | 18,294,534.00 | \$ | 1,029,879.75 |
| Braemar Energy Ventures III | \$ | 10,000,000.00 | \$ | 7,685,632.00 |
| 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 | \$ | 21,250,000.00 |
| Charterhouse Capital Partners VIII | \$ | 19,282,680.00 | \$ | 2,620,879.20 |
| 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 | \$ | 966,138.88 |
| CVC European Equity Partners 111 | \$ | 20,000,000.00 | \$ | 899,966.00 |
| CVC European Equity Partners IV | \$ | 21,210,948.00 | \$ | 2,501,562.01 |
| CVC V | \$ | 25,710,240.00 | \$ | 9,469,776.89 |
| Fenway Partners Capital Fund II | \$ | 15,000,000.00 | \$ | 232,336.00 |
| Fenway III | \$ | 15,000,000.00 | \$ | 122,722.00 |
| First Reserve Fund X | \$ | 20,000,000.00 | \$ | 1.00 |
| First Reserve Fund XI | \$ | 20,000,000.00 | \$ | 566,377.00 |
| 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 | \$ | 4,019,099.30 |
| Kayne Anderson Energy Fund III | \$ | 15,000,000.00 | \$ | 1,124,606.00 |
| Kayne Anderson Energy Fund IV | \$ | 15,000,000.00 | \$ | 2,494,385.00 |
| 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 | \$ | 805,016.52 |
| Matlin Patterson Glb. Opp. Fund (CSFB) | \$ | 15,000,000.00 | \$ | - |
| MHR Institutional Partners III | \$ | 20,000,000.00 | \$ | 6,996,282.00 |
| Nautic Partners V | \$ | 20,000,000.00 | \$ | 651,894.55 |
| Nautic Partners VI | \$ | 20,000,000.00 | \$ | 2,285,972.25 |
| Nautic Partners VII | \$ | 20,000,000.00 | \$ | 20,000,000.00 |
| Nordic Capital Fund III | \$ | 12,176,720.00 | \$ | - |
| Nordic Capital Fund V | \$ | 18,788,464.91 | \$ | - |
| Nordic Capital Fund VI | \$ | 19,282,680.00 | \$ | - |


| Nordic VII | \$ | 19,282,680.00 | \$ | 4,664,494.60 |
| :---: | :---: | :---: | :---: | :---: |
| Oaktree Capital Management Fund III | \$ | 20,000,000.00 | \$ | 13,500,000.00 |
| Palladin III | \$ | 10,000,000.00 | \$ | 4,498,532.00 |
| Parthenon Investors 11 | \$ | 23,960,000.00 | \$ | 1,953,022.00 |
| Perseus VII | \$ | 15,000,000.00 | \$ | 1,216,758.00 |
| 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 | \$ | 1,982,025.00 |
| Providence Equity Partners V | \$ | 25,000,000.00 | \$ | 2,160,471.00 |
| Providence Equity Partners VI | \$ | 25,000,000.00 | \$ | 3,261,397.00 |
| Providence Equity Partners VII | \$ | 25,000,000.00 | \$ | 23,500,002.00 |
| SKM Equity Fund II | \$ | 10,000,000.00 | \$ | 1,735,947.00 |
| Summit Partners | \$ | 20,000,000.00 | \$ | 12,700,000.00 |
| Thomas McNerney \& Partners | \$ | 15,000,000.00 | \$ | 675,000.00 |
| Thomas McNerney \& Partners II | \$ | 15,000,000.00 | \$ | 2,137,500.00 |
| TPG Partners IV | \$ | 15,000,000.00 | \$ | 1,092,575.00 |
| TPG Partners V | \$ | 20,000,000.00 | \$ | 2,794,387.00 |
| TPG VI | \$ | 10,000,000.00 | \$ | 3,729,095.00 |
| Trilantic IV | \$ | 11,098,351.00 | \$ | 922,808.01 |
| 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 | \$ | 2,282,921.00 |
| WLR | \$ | 8,000,000.00 | \$ | 1,458,248.00 |
| Total Alternative Investments | \$ | 1,145,837,297.91 | \$ | 218,866,971.16 |


| 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 | \$ | 841,924.00 |
| 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 | \$ | 7,275,953.05 |

# SHORT TERM INVESTMENTS 

Maturity Schedule

605,209,187


| 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 | 250,089,028 | 250,089,028 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 48\% | 47.78\% |
| Bank RI | 0 | 15,049,962 | 0 | 0 | 0 | 0 | 0 | 0 | 15,049,962 |
|  | 0\% | 3\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 2.88\% |
| Sovereign Bank | 0 | 0 | 0 | 0 | 160,151,296 | 0 | 0 | 0 | 160,151,296 |
|  | 0\% | 0\% | 0\% | 0\% | 31\% | 0\% | 0\% | 0\% | 30.60\% |
| 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 | 3,467,318 | 0 | 0 | 0 | 3,467,318 |
|  | 0\% | 0\% | 0\% | 0\% | 1\% | 0\% | 0\% | 0\% | 0.66\% |
| Webster Bank | 0 | 0 | 0 | 0 | 69,478,152 | 0 | 0 | 0 | 69,478,152 |
|  | 0\% | 0\% | 0\% | 0\% | 13\% | 0\% | 0\% | 0\% | 13.28\% |
| Oppenheimer Inc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Washington Trust | 0 | 25,131,570 | 0 | 0 | 0 | 0 | 0 | 0 | 25,131,570 |
|  | 0\% | 5\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 4.80\% |
| TOTALS | - | 40,181,532 | - | - | 233,096,766 | - | - | 250,089,028.35 | 523,367,327 |
| (\%) PORTFOLIO | 0.00\% | 7.68\% | 0.00\% | 0.00\% | 44.54\% | 0.00\% | 0.00\% | 47.78\% | 100.00\% |

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

September 01, 2012 to September 30, 2012

| Fund Name | Beginning Balance |  | Ending Balance |  | Average Daily Balance |  | Earnings |  | Yield(Annual) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GENERAL FUND | \$ | 160,478,403.73 | \$ | 189,133,754.65 | \$ | 198,951,737.06 | \$ | 55,350.92 | 0.3385\% |
| H.A.V.A | \$ | 294.43 | \$ | 294.45 | \$ | 294.43 | \$ | 0.02 | 0.0826\% |
| GENERAL FUND (HIST PRES) | \$ | 536,676.99 | \$ | 536,745.45 | \$ | 536,676.99 | \$ | 68.46 | 0.1552\% |
| HISTORIC TAX CREDITS | \$ | 1,201,371.41 | \$ | 1,201,524.67 | \$ | 1,201,371.41 | \$ | 153.26 | 0.1552\% |
| HIGHWAY FUND | \$ | 15,338,779.67 | \$ | 15,141,516.13 | \$ | 17,398,779.67 | \$ | 2,736.46 | 0.1914\% |
| T.D.I. RESERVE (DET) | \$ | 104,148,985.29 | \$ | 91,267,692.45 | \$ | 96,442,318.62 | \$ | 18,707.16 | 0.2360\% |
| EMPLOYER PENSION CONTRIBUTION | \$ | - | \$ | - |  |  | \$ | - |  |
| RICAP GL FUND 21 | \$ | 125,379,123.37 | \$ | 122,398,658.92 | \$ | 124,445,790.04 | \$ | 19,535.55 | 0.1910\% |
| BOND CAPITAL FUND | \$ | 4,063,549.55 | \$ | 1,864,017.32 | \$ | 2,876,882.89 | \$ | 467.77 | 0.1978\% |
| R.I. CLEAN WATER ACT | \$ | 3,175,072.90 | \$ | 3,175,430.95 | \$ | 3,175,072.90 | \$ | 358.05 | 0.1372\% |
| STATE LOTTERY FUND | \$ | 56,945,362.68 | \$ | 51,956,383.47 | \$ | 49,088,696.02 | \$ | 11,020.79 | 0.2732\% |
| ASSESSED FRINGE BEN ADM | \$ | 7,752.02 | \$ | 7,752.62 | \$ | 7,752.02 | \$ | 0.60 | 0.0942\% |
| AUTO EQUIPMENT SERVICE | \$ | 200,989.23 | \$ | 201,004.06 | \$ | 200,989.23 | \$ | 14.83 | 0.0898\% |
| HEALTH INSURANCE FUND | \$ | 26,442,605.56 | \$ | 28,845,909.89 | \$ | 26,149,272.23 | \$ | 3,304.33 | 0.1537\% |
| FLEET REVOLVING LOAN FUND | \$ | 500,813.31 | \$ | 1,100,865.34 | \$ | 580,813.31 | \$ | 52.03 | 0.1090\% |
| EMPLOYEES RETIREMENT | \$ | 121,968.36 | \$ | 424,193.58 | \$ | 6,128,635.02 | \$ | 2,225.22 | 0.4418\% |
| MUNICIPAL EMPLOYEES RET. | \$ | 109,837.36 | \$ | 110,108.02 | \$ | 1,436,504.03 | \$ | 270.66 | 0.2292\% |
| RETIREE HEALTH FUND | \$ | 4,487,054.96 | \$ | 2,587,543.20 | \$ | 3,810,388.29 | \$ | 488.24 | 0.1559\% |
| BOG RETIREE FUND | \$ | 259,164.26 | \$ | 9,176.12 | \$ | 84,164.26 | \$ | 11.86 | 0.1714\% |
| RIPTA HEALTH FUND | \$ | 466.28 | \$ | 466.34 | \$ | 466.28 | \$ | 0.06 | 0.1566\% |
| PERMANENT SCHOOL FUND | \$ | 1,431,594.17 | \$ | 1,431,776.76 | \$ | 1,431,594.17 | \$ | 182.59 | 0.1552\% |
| TEACHER RETIREE HEALTH FUND | \$ | 2,104,818.70 | \$ | 2,105,087.22 | \$ | 2,104,818.70 | \$ | 268.52 | 0.1552\% |
| RI ST Pol retiree health | \$ | 345,702.41 | \$ | 717.26 | \$ | 104,202.41 | \$ | 14.85 | 0.1734\% |
| RI LEG RETIREE HEALTH | \$ | 194.95 | \$ | 194.96 | \$ | 194.95 | \$ | 0.01 | 0.0624\% |
| RI Judicial retiree health | \$ | 55,120.61 | \$ | 55,124.68 | \$ | 55,120.61 | \$ | 4.07 | 0.0898\% |
| UNIVERSITY COLLEGE | \$ | 2,455,753.70 | \$ | 5,056,083.73 | \$ | 2,579,087.03 | \$ | 330.03 | 0.1557\% |
| HIGHER EDUCATION | \$ | 4,930.61 | \$ | 1,105,089.41 | \$ | 1,278,263.94 | \$ | 158.80 | 0.1511\% |
| INDUS. BLDG. \& MTG. INS. | \$ | 3,649,749.39 | \$ | 3,650,214.99 | \$ | 3,649,749.39 | \$ | 465.60 | 0.1552\% |
| Operating Funds Totals | \$ | 513,446,135.90 | \$ | 523,367,326.64 | \$ | 543,719,635.90 | \$ | 116,190.74 | 0.260\% |
| G.O. NOTE 1991 SER. B | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL1993A | \$ | 7,386.37 | \$ | 7,386.19 | \$ | 7,385.47 | \$ | 0.94 | 0.1549\% |
| BOND CCDL 1994 SERIES A | \$ | 15,002.27 | \$ | 15,001.91 | \$ | 15,000.45 | \$ | 1.91 | 0.1549\% |
| BOND CCBL96A | \$ | - | \$ | - |  |  | \$ | - |  |
| CAP DEV OF 1997 SERIES A | \$ | 40,477.30 | \$ | 41,017.51 | \$ | 40,562.58 | \$ | 5.17 | 0.1551\% |
| CCDL1998A | \$ | 1,696,090.59 | \$ | 1,696,049.81 | \$ | 1,695,884.89 | \$ | 216.35 | 0.1552\% |
| CCDL 1998B | \$ | - | \$ | 1,66,0.81 |  |  | \$ | - |  |
| MMG099 1999 | \$ | - | \$ | - |  |  | \$ | - |  |
| BOND CAPITOL CCDL2000A | \$ | 102,399.68 | \$ | 102,397.22 | \$ | 102,387.26 | \$ | 13.06 | 0.1552\% |
| MULTI-MODAL GEN OBL 2000 | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL2001C | \$ | 201,357.40 | \$ | 201,352.55 | \$ | 201,332.98 | \$ | 25.68 | 0.1552\% |
| CCDL2002B | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL 2004 SERIES A | \$ | 3,026,928.99 | \$ | 3,026,855.41 | \$ | 3,026,561.24 | \$ | 386.11 | 0.1552\% |
| BOND CCDL 2005 SERIES C | \$ | 7,458,338.41 | \$ | 7,457,602.98 | \$ | 7,457,331.73 | \$ | 951.36 | 0.1552\% |
| BOND CCDL 2005 SERIES E | \$ | 829,160.44 | \$ | 829,131.49 | \$ | 829,052.67 | \$ | 105.76 | 0.1552\% |
| BOND CCDL 2006 SERIES B | \$ | - | \$ | - |  |  | \$ | - |  |
| BOND CCDL 2006 SERIES C | \$ | 2,988,456.22 | \$ | 2,988,336.82 | \$ | 2,988,055.74 | \$ | 381.20 | 0.1552\% |
| GO BND-NTAX 2007 SERIES A | \$ | 5,939,240.39 | \$ | 5,939,095.59 | \$ | 5,938,518.47 | \$ | 757.60 | 0.1552\% |
| GO BND-TAX 2007 SERIES B | \$ | - | \$ | - |  |  | \$ | - |  |
| GO BND-NTAX 2008 SERIES B | \$ | 474,681.33 | \$ | 474,669.92 | \$ | 474,623.76 | \$ | 60.55 | 0.1552\% |
| GO BND-TAX 2008 SERIES C | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL10B BOND CAPITAL COMPONENT | \$ | 2,451,135.97 | \$ | 2,450,965.31 | \$ | 2,450,749.32 | \$ | 312.65 | 0.1552\% |
| CCDL10C | \$ | 161,444.56 | \$ | 161,465.16 | \$ | 161,444.56 | \$ | 20.60 | 0.1552\% |
| CCDL10D | \$ | 103,931.70 | \$ | 103,929.20 | \$ | 103,919.09 | \$ | 13.26 | 0.1552\% |
| CCDL2011A | \$ | 58,155,178.12 | \$ | 54,375,289.52 | \$ | - | \$ | 7,131.86 | 0.1556\% |
| CLEAN WATER CCDL 1998B | \$ | - | \$ | 5,375,28.52 |  |  | \$ | 7,1.86 |  |
| CLEAN WATER CCDL 1994 (A) | \$ | - | \$ | - |  |  | \$ | - |  |
| CAP DEV. OF 1997 SERIES A | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER CCDL 2002 B | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER 2004 SERIES A | \$ | 222,554.95 | \$ | 222,549.60 | \$ | 222,527.96 | \$ | 28.39 | 0.1552\% |
| CLN WATER CCDL 2005 SER E | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CAP DEV. OF 1997 SERIES A | \$ | - | \$ | - | \$ | - | \$ | - |  |
| RI POLLUT. CONT 94 SER. A | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CCDL99A 1999A | \$ | 205,320.48 | \$ | 205,315.54 | \$ | - | \$ | 26.19 | 0.1552\% |
| POL. CTRL CCDL 2006 SER C | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CLEAN WATER 2007 SERIES A | \$ | 283,295.01 | \$ | 283,288.20 | \$ | - | \$ | 36.14 | 0.1552\% |
| RI POLLUTION CONTROL 2008 B | \$ | - | \$ | - | \$ | - | \$ | - |  |
| CCDL10B CLEAN WATER COMPONENT | \$ | - | \$ | , | \$ | - | \$ | - |  |
| CCDL2011A CLEAN WATER COMPONENT | \$ | 1,260,191.05 | \$ | 1,260,160.75 | \$ | - | \$ | 160.75 | 0.1552\% |
| CCDL2011A POLL CTRL CMPNT | \$ | 1,26,191.05 | \$ | 1,260,160.75 | \$ | - | \$ | - |  |
| Bond Proceeds Fund Totals | \$ | 85,622,571.23 | \$ | 81,841,860.68 | \$ | 25,715,338.17 | \$ | 10,635.53 | 0.155\% |
| TANS PROCEEDS | \$ | - | \$ | - | \$ | - | \$ | - |  |
| Grand Totals | \$ | 599,068,707.13 | \$ | 605,209,187.32 | \$ | 569,434,974.07 | \$ | 126,826.27 | 0.246\% |

457 Plans

State of Rhode Island Total Assets 457 Plans

| Plan Provider | $\mathbf{1 2 / 3 1 / 2 0 1 1}$ | $\mathbf{3 / 3 1 / 2 0 1 2}$ | $\mathbf{6 / 3 0 / 2 0 1 2}$ | $\mathbf{9 / 3 0 / 2 0 1 2}$ |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Valic | $\$ 45,634,487.05$ | $\$ 47,688,848.77$ | $\$ 46,994,535.83$ | $\$ 47,704,868.43$ |  |
| Fidelity | $\$$ | $73,424,771.97$ | $\$$ | $78,343,734.74$ | $\$ 46,449,768.55$ |
| ING | $\$$ | $99,442,315.29$ | $\$ 107,030,165.15$ | $\$ 106,089,472.87$ | $\$ 110,840,890.74$ |
| Total | $\$ 218,501,574.31$ | $\$ 233,062,748.66$ | $\$ 229,533,777.25$ | $\$ 238,742,344.31$ |  |

## Monthly Plan Performance Update

## STATE OF RHODE ISLAND - STATE OF RI (35835)

Understanding investment performance: As you review this update, please remember that the performance data stated represents past performance, which does not guarantee future results. Investment return and principal value of an investment will fluctuate; therefore, you may have a gain or loss when you sell your shares. Current performance may be higher or lower than the performance stated. To learn more or to obtain the most recent month-end performance, call Fidelity or visit NetBenefits.com.

|  | Cumulative Total Returns |  |  |  | Average Annual Total Returns |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Name | As of | 1 mo | 3 mo | YTD | As of | 1 rr | 3 yr | 5 yr | 10 yr |
| DOW JONES 30 INDUSTRIAL AVERAGE | 09/30/2012 | 2.75 | 5.02 | 12.19 | 09/30/2012 | 26.52 | 14.45 | 2.16 | 8.60 |
| NASDAQ COMPOSITE INDEX | 09/30/2012 | 1.70 | 6.54 | 20.73 | 09/30/2012 | 30.64 | 14.90 | 3.96 | 11.20 |
| BARCLAYS CAPITAL U.S. AGGREGATE BOND INDEX | 09/30/2012 | 0.14 | 1.58 | 3.99 | 09/30/2012 | 5.16 | 6.19 | 6.53 | 5.32 |
| RUSSELL 2000 INDEX | 09/30/2012 | 3.28 | 5.25 | 14.23 | 09/30/2012 | 31.91 | 12.99 | 2.21 | 10.17 |
| STANDARD \& POOR'S $500{ }^{\text {TM }}$ INDEX | 09/30/2012 | 2.58 | 6.35 | 16.44 | 09/30/2012 | 30.20 | 13.20 | 1.05 | 8.01 |


|  | Cumulative Total Returns |  |  |  |  | Average Annual Total Returns |  |  |  | Fees |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investment Name | As of | 1 mo | 3 mo | YTD | As of | 1 yr | 3 rr | 5 yr | 10 yr | Life | Short-Term Trading Fee | Expense Ratio $\dagger$ | Inception Date |

Stock Investments

| Large Cap |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FID CONTRAFUND | 09/30/2012 | 3.11 | 6.51 | 18.13 | 09/30/2012 | 27.91 | 13.98 | 2.81 | 9.99 | 12.26 | - | $\begin{aligned} & \text { 0.81\% on } \\ & \text { 02/29/2012 } \end{aligned}$ | 05/17/1967 |
| FID LARGE CAP STOCK | 09/30/2012 | 3.75 | 8.83 | 19.43 | 09/30/2012 | 34.21 | 13.38 | 1.59 | 7.80 | 7.04 | - | $\begin{aligned} & 1.03 \% \text { on } \\ & 06 / 29 / 2012 \end{aligned}$ | 06/22/1995 |
| FID NEW MILLEN | 09/30/2012 | 4.00 | 6.41 | 16.16 | 09/30/2012 | 27.06 | 13.74 | 3.68 | 10.26 | 13.41 | - | $\begin{aligned} & 1.00 \% \text { on } \\ & 01 / 28 / 2012 \end{aligned}$ | 12/28/1992 |
| INVS DIVRS DIVD INV | 09/30/2012 | 2.35 | 5.62 | 14.78 | 09/30/2012 | 26.76 | 11.48 | 2.67 | - | 5.04 | - | $\begin{aligned} & 0.90 \% \text { on } \\ & 04 / 30 / 2012 \end{aligned}$ | 07/15/2005 |
| SPTN 500 INDEX ADV | 09/30/2012 | 2.58 | 6.33 | 16.41 | 09/30/2012 | 30.14 | 13.15 | 1.03 | 7.96 | 9.45 | - | $\begin{gathered} 0.07 \% \text { on } \\ 04 / 28 / 2012 \end{gathered}$ | 02/17/1988 |
| Mid-Cap |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FID LOW PRICED STK | 09/30/2012 | 1.97 | 6.77 | 14.81 | 09/30/2012 | 25.56 | 13.37 | 3.60 | 11.46 | 13.97 | $1.5 \% 1$ <br> 90days | $\begin{aligned} & 0.88 \% \text { on } \\ & 09 / 29 / 2012 \end{aligned}$ | 12/27/1989 |
| FID MID CAP STOCK | 09/30/2012 | 2.55 | 6.31 | 15.50 | 09/30/2012 | 25.99 | 13.29 | 1.35 | 9.88 | 11.03 | .75 \% <br> 30days | $\begin{aligned} & 0.86 \% \text { on } \\ & 06 / 29 / 2012 \end{aligned}$ | 03/29/1994 |
| SPTN MID CAP IDX ADV | 09/30/2012 | 2.08 | 5.56 | 13.89 | 09/30/2012 | 27.88 | - | - | - | 17.71 | .75 \% <br> 30days | $\begin{aligned} & 0.22 \% \text { on } \\ & 06 / 29 / 2012 \end{aligned}$ | 09/08/2011 |
| Small Cap |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPTN SM CAP IDX ADV | 09/30/2012 | 3.25 | 5.23 | 14.13 | 09/30/2012 | 31.49 | - | - | - | 20.72 | 1.5 \% \| <br> 90days | $\begin{aligned} & 0.30 \% \text { on } \\ & 06 / 29 / 2012 \end{aligned}$ | 09/08/2011 |
| International |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FID DIVERSIFD INTL | 09/30/2012 | 3.39 | 7.33 | 13.68 | 09/30/2012 | 19.21 | 3.56 | -5.02 | 8.86 | 8.32 | 1 \% I <br> 30days | $\begin{aligned} & 0.90 \% \text { on } \\ & 12 / 30 / 2011 \end{aligned}$ | 12/27/1991 |


|  | Cumulative Total Returns |  |  |  |  | Average Annual Total Returns |  |  |  | Fees |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investment Name | As of | 1 mo | 3 mo | YTD | As of | 1 yr | 3 rr | 5 yr | 10 yr | Life | Short-Term <br> Trading Fee | Expense Ratio $\dagger$ | Inception Date |
| HARBOR INTL INV | 09/30/2012 | 2.83 | 5.48 | 11.81 | 09/30/2012 | 19.92 | 5.25 | -2.52 | - | 11.24 | 2 \% <br> 60days | $\begin{aligned} & \text { 1.16\% on } \\ & \text { 03/01/2012 } \end{aligned}$ | 11/01/2002 |
| SPTN INTL INDEX ADV | 09/30/2012 | 2.88 | 6.66 | 10.42 | 09/30/2012 | 14.68 | 2.21 | -5.10 | 8.22 | 4.05 | $\begin{aligned} & 1 \% \text { I } \\ & \text { 90days } \end{aligned}$ | $\begin{aligned} & \text { 0.17\% on } \\ & 05 / 04 / 2012 \end{aligned}$ | 11/05/1997 |

Blended Investments*
Others

| FID FREEDOM K 2000 | 09/30/2012 | 0.84 | 2.56 | 5.94 | 09/30/2012 | 8.66 | 6.08 | - | - | 8.17 | - | $\begin{gathered} 0.39 \% \text { on } \\ 05 / 30 / 2012 \end{gathered}$ | 07/02/2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FID FREEDOM K 2005 | 09/30/2012 | 1.26 | 3.63 | 8.22 | 09/30/2012 | 12.62 | 7.40 | - | - | 10.76 | - | $\begin{aligned} & 0.46 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2010 | 09/30/2012 | 1.55 | 4.37 | 9.91 | 09/30/2012 | 15.21 | 8.18 | - | - | 11.74 | - | $\begin{gathered} 0.50 \% \text { on } \\ 05 / 30 / 2012 \end{gathered}$ | 07/02/2009 |
| FID FREEDOM K 2015 | 09/30/2012 | 1.54 | 4.51 | 10.12 | 09/30/2012 | 15.49 | 8.32 | - | - | 12.03 | - | $\begin{aligned} & 0.51 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2020 | 09/30/2012 | 1.72 | 4.92 | 11.09 | 09/30/2012 | 17.31 | 8.83 | - | - | 13.18 | - | $\begin{aligned} & 0.54 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2025 | 09/30/2012 | 1.99 | 5.58 | 12.41 | 09/30/2012 | 19.59 | 9.15 | - | - | 13.76 | - | $\begin{aligned} & 0.58 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2030 | 09/30/2012 | 2.05 | 5.84 | 12.83 | 09/30/2012 | 20.34 | 9.20 | - | - | 14.17 | - | $\begin{aligned} & 0.59 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2035 | 09/30/2012 | 2.33 | 6.35 | 13.72 | 09/30/2012 | 22.02 | 9.20 | - | - | 14.31 | - | $\begin{aligned} & 0.62 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2040 | 09/30/2012 | 2.32 | 6.42 | 13.74 | 09/30/2012 | 22.32 | 9.21 | - | - | 14.47 | - | $\begin{aligned} & 0.62 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2045 | 09/30/2012 | 2.37 | 6.50 | 14.01 | 09/30/2012 | 22.80 | 9.26 | - | - | 14.58 | - | $\begin{aligned} & 0.63 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2050 | 09/30/2012 | 2.51 | 6.65 | 14.34 | 09/30/2012 | 23.42 | 9.16 | - | - | 14.66 | - | $\begin{aligned} & 0.64 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2055 | 09/30/2012 | 2.56 | 6.82 | 14.41 | 09/30/2012 | 23.69 | - | - | - | 2.17 | - | $\begin{aligned} & 0.64 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 06/01/2011 |
| FID FREEDOM K INCOME | 09/30/2012 | 0.86 | 2.56 | 5.93 | 09/30/2012 | 8.64 | 6.00 | - | - | 7.97 | - | $\begin{aligned} & 0.39 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |

Bond Investments
Income

| PIMCO TOT RETURN ADM | $09 / 30 / 2012$ | 0.87 | 3.09 | 8.88 | $09 / 30 / 2012$ | 11.23 | 7.42 | 8.65 | 6.68 | 7.50 | - | $0.71 \%$ on <br> $07 / 31 / 2012$ | $09 / 08 / 1994$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| SPTN US BOND IDX ADV | $09 / 30 / 2012$ | 0.19 | 1.60 | 4.09 | $09 / 30 / 2012$ | 5.14 | 6.07 | 6.11 | 5.16 | 6.99 | - | $0.17 \%$ on | $03 / 08 / 1990$ |

## Short-Term Investments

Others
$\begin{array}{lllllllllllllllllllll}\text { FID RETIRE MMKT } & 09 / 30 / 2012 & 0 & 0 & 0.01 & 09 / 30 / 2012 & 0.01 & 0.02 & 0.96 & 1.86 & 3.83 & - & 0.42 \% \text { on } & 12 / 02 / 1988\end{array}$ 10/29/2011

## Other Investments

## Others

[^0]$\dagger$ For Fidelity fund of funds the performance table displays both the Expense Ratio and the Combined Total Expense Ratio. Expense Ratio is the total annual fund operating expense ratio from the fund's most recent prospectus. Combined Total Expense Ratio reflects expense reimbursements and reductions and is based on the total operating expense ratio of the fund plus a weighted average of the total operating expense ratios of the underlying Fidelity funds in which it was invested. This ratio may be higher or lower depending on the allocation of the fund's assets among the underlying Fidelity funds and the actual expenses of the underlying Fidelity funds.
$\dagger$ Expense Ratio is the total annual fund operating expense ratio from the fund's most recent prospectus. Please note that for the non-Fidelity fund-of-funds listed, the ratio shown may solely reflect the total operating expense ratio of the fund, or may be a combined ratio reflecting both the total operating expense ratio of the fund and the total operating expense ratios of the underlying funds in which it was invested. Please consult the fund's prospectus for more detail on a particular fund's expense ratio.

Total returns are historical and include change in share value and reinvestment of dividends and capital gains, if any. Cumulative total returns are reported as of the period indicated. Life of Fund figures are reported as of the inception date to the period indicated. These figures do not include the effect of sales charges, if any, as these charges are waived for contributions made through your company's employee benefit plans. If sales charges were included, returns would have been lower.

The management company may be temporarily reimbursing a portion of the fund's expenses. Absent such reimbursement, returns and yields would have been lower. A fund's expense limitation may be terminated at any time. Please see the prospectus for further information.
an investment in a money market fund is not insured or guaranteed by the fil or any other government agency. although money market FUNDS SEEK TO PRESERVE THE VALUE OF YOUR INVESTMENT AT \$1 PER SHARE, IT IS POSSIBLE TO LOSE MONEY BY INVESTING IN THESE FUNDS.

A money market fund's current yield reflects the current earnings of the fund while the total return refers to a specific past holding period.
Performance of an index is not illustrative of any particular investment and an investment cannot be made directly in an index.
The NASDAQ Composite ${ }^{\circledR}$ Index is an unmanaged market capitalization-weighted index of the National Market System which includes over 5,000 stocks traded only over-the-counter and not on an exchange.

The Dow Jones Industrial Average (DJIA) is an unmanaged price-weighted index and is the most widely used indicator of how the country's industrial leaders are performing. Also known as "the Dow," this is a formula based on the stock prices of 30 major companies chosen from sectors of the economy most representative of our country's economic condition.

The Russell $2000{ }^{\circledR}$ Index is an unmanaged market capitalization-weighted index of 2,000 small company stocks of U.S. domiciled companies.
The S\&P $500^{\circledR}$ Index is a registered service mark of The McGraw-Hill Companies, Inc., and has been licensed for use by Fidelity Distributors Corporation and its affiliates. It is an unmanaged index of the common stock prices of 500 widely held U.S. stocks that includes the reinvestment of dividends.

The Lehman Brothers Aggregate Bond Index is an unmanaged market value-weighted index for investment-grade fixed-rate debt issues, including government, corporate, asset-backed, and mortgage-backed securities with maturities of at least one year.

Because of their narrow focus, sector funds may be more volatile than funds that diversify across many sectors.
Investments in mortgage securities are subject to prepayment risk, which can limit the potential for gain during a declining interest rate environment and increase the potential for loss in a rising interest rate environment.

Lower-quality debt securities involve greater risk of default and/or price changes due to changes in the credit quality of the issuer.
Investments in smaller companies may involve greater risks than those of larger, more well-known companies.
Foreign investments, especially those in emerging markets involve greater risk and may offer greater potential returns than U.S. investments. This risk includes political and economic uncertainties of foreign countries, as well as the risk of currency fluctuations.

Strategic Advisers, Inc., a subsidiary of FMR LLC, manages the Fidelity Freedom Funds.
BEFORE INVESTING IN ANY INVESTMENT OPTION, PLEASE CAREFULLY CONSIDER THE INVESTMENT OBJECTIVES, RISKS, CHARGES AND EXPENSES. FOR THIS AND OTHER INFORMATION, PLEASE CALL FIDELITY AT 1-800-343-0860 OR VISIT WWW.FIDELITY.COM FOR A FREE MUTUAL FUND PROSPECTUS OR VARIABLE ANNUITY PROSPECTUS. FOR INFORMATION ON FIXED ANNUITIES, CONTACT FIDELITY TO REQUEST A FACT SHEET. READ THEM CAREFULLY BEFORE YOU INVEST.

Brokerage Products and Services are offered through Fidelity Brokerage Services, Member NYSE, SIPC. Investment and workplace savings plan products and services offered directly to investors and plan sponsors are provided by Fidelity Brokerage Services, Member NYSE, SIPC, 900 Salem Street, Smithfield, RI 02917. Investment and workplace savings plan products and services distributed through investment professionals are provided by Fidelity Investments Institutional Services Company, Inc., 100 Salem Street, Smithfield, RI 02917.

[^1]
## PERFORMANCE UPDATE

## ING Life Insurance and Annuity Company

## STATE OF RHODE ISLAND

## Average Annual Total Returns as of: 09/30/2012 (shown in percentages)

Mutual funds offered through a retirement plan are investments designed for retirement purposes. Early withdrawals will reduce your account value and if taken prior to age $591 / 2$, a $10 \%$ IRS penalty may apply.

 than the original cost.
 Daily Asset Charge from the Separate Account (if applicable), or other applicable contract charges. If these fees and charges were included, performance would be less favorable.

The returns assume reinvestment of all dividends (ordinary income and capital gains) and are net of management fees and other fund operating expenses.
 who wishes to obtain a free copy of the fund prospectuses may call their ING representative or the number above. Please read the prospectus carefully before investing.

Returns less than one year are not annualized. Fund Inception Date is the date of inception for the underlying fund, and is the date used in calculating the periodic returns. This date may also precede the portfolio's inclusion in the product.

| Investment Options | ```Fund Benchmark ID (BM)``` | 1-Mo |  | 3-Mo |  | YTD |  | 1-Yr |  | $3-\mathrm{Yr}$ |  | 5-Yr |  | 10-Yr |  |  | Fund Inception Date | Gross Fund Exp \%* | Net Fund Exp \%* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Incept |  |  |  |
| Stability of Principal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stability of Principal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Fixed Account - 457/401 (13)(14) | MFR | 0.24 | 0.00 | 0.75 | 0.01 | 2.24 | 0.02 | 3.09 | 0.03 | 3.33 | 0.03 | 3.58 | 0.72 | 4.10 | 1.58 |  |  |  |  |
| Bonds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High Yield Bond |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prudential High Yield Fund, Inc. - Class Z | BCUSHY2IC | 1.18 | 1.39 | 4.10 | 4.53 | 10.82 | 12.09 | 17.62 | 19.35 | 12.53 | 12.82 | 8.85 | 9.50 | 10.29 | 10.93 |  | 03/01/1996 | 0.63 | 0.63 |
| Inflation-Protected Bond |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PIMCO VIT Real Return Portfolio - Administrative Class | LBUSTIPS | 0.82 | 0.51 | 2.64 | 2.12 | 7.97 | 6.25 | 10.81 | 9.10 | 10.07 | 9.29 | 8.52 | 7.93 | 6.95 | 6.64 |  | 09/30/1999 | 0.65 | 0.65 |

ING ${ }^{\text {P }}$

| Investment Options | ```Fund Benchmark ID (BM)``` | 1-Mo |  | 3-Mo |  | YTD |  | $1-\mathrm{Yr}$ |  | 3-Yr |  | 5-Yr |  | 10-Yr |  | Incept | Fund Inception Date | Gross <br> Fund <br> Exp \%* | Net Fund Exp \%* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM |  |  |  |  |
| ING Intermediate Bond Portfolio - Class I | LEHM | 0.95 | 0.14 | 3.62 | 1.59 | 7.74 | 3.99 | 9.58 | 5.16 | 9.07 | 6.19 | 5.85 | 6.53 | 5.32 | 5.32 |  | 05/23/1973 | 0.50 | 0.50 |
| ING U.S. Bond Index Portfolio - Class I | LEHM | 0.09 | 0.14 | 1.51 | 1.59 | 3.87 | 3.99 | 4.93 | 5.16 | 5.80 | 6.19 |  |  |  |  | 5.84 | 03/04/2008 | 0.41 | 0.41 |
| Asset Allocation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lifecycle |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Solution 2015 Portfolio - Adviser Class (1) | SPT2015 | 1.28 | 1.39 | 3.99 | 3.74 | 10.15 | 8.59 | 16.25 | 15.42 | 7.89 | 8.36 | 1.27 | 2.41 |  |  | 3.91 | 04/29/2005 | 1.39 | 1.28 |
| ING Solution 2015 Portfolio - Initial Class (2) | SPT2015 | 1.34 | 1.39 | 4.19 | 3.74 | 10.53 | 8.59 | 16.75 | 15.42 | 8.44 | 8.36 | 1.77 | 2.41 |  |  | 4.44 | 04/29/2005 | 0.89 | 0.78 |
| ING Solution 2025 Portfolio - Initial Class (3) | SPT2025 | 1.76 | 1.71 | 4.96 | 4.42 | 12.08 | 10.17 | 20.48 | 18.79 | 9.06 | 9.16 | 0.35 | 1.54 |  |  | 4.11 | 04/29/2005 | 0.97 | 0.86 |
| ING Solution 2035 Portfolio - Initial Class (4) | SP2035 | 2.16 | 1.98 | 5.48 | 4.95 | 13.17 | 11.33 | 23.20 | 21.19 | 9.20 | 9.57 | -0.24 | 0.63 |  |  | 4.16 | 04/29/2005 | 1.03 | 0.92 |
| ING Solution 2045 Portfolio - Initial Class (5) | SP2045 | 2.31 | 2.15 | 5.86 | 5.28 | 13.54 | 12.03 | 23.90 | 22.48 | 9.32 | 9.73 | -0.91 | 0.07 |  |  | 4.14 | 04/29/2005 | 1.04 | 0.93 |
| ING Solution 2055 Portfolio - Initial Class (6) | SP2045 | 2.32 | 2.15 | 5.83 | 5.28 | 13.52 | 12.03 | 23.90 | 22.48 |  |  |  |  |  |  | 8.23 | 03/08/2010 | 1.04 | 0.93 |
| ING Solution Income Portfolio - Initial Class (7) | SPTREIN | 1.10 | 0.94 | 3.75 | 2.81 | 9.42 | 6.47 | 14.27 | 10.83 | 7.53 | 7.18 | 3.55 | 3.18 |  |  | 4.64 | 04/29/2005 | 0.83 | 0.72 |
| Balanced |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Moderate Allocation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING T. Rowe Price Capital Appreciation Portfolio - Inst (8) | SPXLBGC | 1.56 | 1.58 | 5.34 | 4.49 | 12.71 | 11.65 | 23.82 | 20.10 | 11.80 | 10.74 | 4.90 | 3.66 | 10.04 | 7.25 |  | 01/24/1989 | 0.65 | 0.65 |
| Large Cap Value |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Large Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Growth and Income Portfolio - Class I | SPXRE | 2.48 | 2.58 | 8.09 | 6.35 | 17.12 | 16.44 | 32.50 | 30.20 | 11.87 | 13.20 | 1.29 | 1.05 | 7.20 | 8.01 |  | 12/31/1979 | 0.58 | 0.58 |
| ING U.S. Stock Index Portfolio - Institutional Class | SPXRE | 2.53 | 2.58 | 6.23 | 6.35 | 16.23 | 16.44 | 29.84 | 30.20 | 12.91 | 13.20 | 0.81 | 1.05 |  |  | 5.06 | 05/03/2004 | 0.26 | 0.26 |
| Large Value |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BlackRock Equity Dividend Fund - Institutional Shares | SPXRE | 2.44 | 2.58 | 4.75 | 6.35 | 11.90 | 16.44 | 25.25 | 30.20 | 12.60 | 13.20 | 1.75 | 1.05 | 9.99 | 8.01 |  | 11/29/1988 | 0.76 | 0.76 |
| Large Cap Growth |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Large Growth |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Large Cap Growth Portfolio - Institutional Class (9) | RS1000G | 1.91 | 1.96 | 7.51 | 6.11 | 19.93 | 16.79 | 31.51 | 29.18 | 15.76 | 14.73 | 7.20 | 3.24 |  |  | 7.95 | 05/03/2004 | 0.69 | 0.60 |
| Small/Mid/Specialty |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mid-Cap Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Russell Mid Cap Index Portfolio - Class I | RSMID | 2.02 | 2.12 | 5.49 | 5.59 | 13.75 | 13.99 | 27.61 | 28.03 | 13.93 | 14.26 |  |  |  |  | 6.21 | 03/04/2008 | 0.45 | 0.43 |
| Mid-Cap Growth |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Principal MidCap Blend Fund - R-5 Class Shares | RSMID | 2.65 | 2.12 | 6.46 | 5.59 | 15.09 | 13.99 | 30.21 | 28.03 | 17.49 | 14.26 | 5.59 | 2.24 | 11.24 | 11.18 |  | 12/06/2000 | 0.89 | 0.89 |
| Small Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Russell Small Cap Index Portfolio - Class I (10) | RS2000 | 3.35 | 3.28 | 5.42 | 5.26 | 14.05 | 14.23 | 31.63 | 31.91 | 12.88 | 12.99 |  |  |  |  | 7.19 | 03/04/2008 | 0.48 | 0.46 |
| ING Small Company Portfolio - Class I | RS2000 | 2.22 | 3.28 | 4.09 | 5.26 | 12.77 | 14.23 | 32.21 | 31.91 | 12.73 | 12.99 | 2.86 | 2.21 | 10.19 | 10.17 |  | 12/27/1996 | 0.86 | 0.86 |
| Global / International |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foreign Large Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Funds EuroPacific Growth Fund - Class R-4 (11) | MSCIACEU | 3.67 | 3.77 | 7.26 | 7.49 | 12.94 | 10.86 | 18.06 | 15.04 | 3.34 | 3.63 | -2.22 | -3.67 | 10.25 | 10.32 |  | 04/16/1984 | 0.85 | 0.85 |


| Investment Options | Fund Benchmark | 1-Mo |  | 3-Mo |  | YTD |  | $1-\mathrm{Yr}$ |  | $3-\mathrm{Yr}$ |  | $5-\mathrm{Yr}$ |  | 10-Yr |  |  | Fund Inception Date |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ID (BM) | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Incept |  |  |  |
| ING International Index Portfolio - Class I (12) | MSCIEAFE | 2.88 | 2.99 | 6.35 | 6.98 | 10.44 | 10.59 | 14.99 | 14.33 | 2.05 | 2.59 |  |  |  |  | -2.89 | 03/04/2008 | 0.57 | 0.51 |
| World Stock |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Oppenheimer Global Portfolio - Initial Class | MSCIAC | 3.24 | 3.19 | 7.87 | 6.97 | 13.29 | 13.39 | 20.70 | 21.67 | 8.28 | 7.78 | -0.77 | -1.54 | 8.80 | 9.16 |  | 05/01/2002 | 0.75 | 0.75 |

The risks of investing in small company stocks may include relatively low trading volumes, a greater degree of change in earnings and greater short-term volatility.
Foreign investing involves special risks such as currency fluctuation and public disclosure, as well as economic and political risks.
Some of the Funds invest in securities guaranteed by the U.S. Government as to the timely payment of principal and interest; however, shares of the Funds are not insured nor guaranteed.

 chemicals, energy, environmental services, natural resources, precious metals, technology, telecommunications, and utilities
 have been lower if the gross fund fees / expenses listed had been reflected.

## PERFORMANCE UPDATE

## ING Life Insurance and Annuity Company

## STATE OF RHODE ISLAND

## Separate Account D

## Average Annual Total Returns as of: 09/30/2012 (shown in percentages)

 the potential to grow tax-deferred with an option to receive a stream of income at a later date.

 than the original cost.
 fees and other fund operating expenses

 other information. Anyone who wishes to obtain a free copy of the separate account disclosure booklet and/or fund prospectuses may call their ING representative or the number above. Please read the separate account disclosure booklet and/or the fund prospectuses carefully before investing.

Returns less than one year are not annualized. Fund Inception Date is the date of inception for the underlying fund, and is the date used in calculating the periodic returns. This date may also precede the portfolio's inclusion in the product.

| Investment Options | 1-Mo | 3-Mo | YTD | 1-Yr | 3-Yr | 5-Yr | 10-Yr | Incept | Fund Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Stability of Principal |  |  |  |  |  |  |  |  |  |
| Stability of Principal <br> ING Fixed Account - 457/401 (13)(14) <br> This fund is not part of the product's separate account. | 0.24 | 0.75 | 2.24 | 3.09 | 3.33 | 3.58 | 4.10 |  |  |
| Bonds |  |  |  |  |  |  |  |  |  |
| High Yield Bond <br> Prudential High Yield Fund, Inc. - Class Z | 1.16 | 4.03 | 10.58 | 17.28 | 12.24 | 8.57 | 10.02 |  | 03/01/1996 |
| Inflation-Protected Bond <br> PIMCO VIT Real Return Portfolio - Administrative Class Intermediate-Term Bond | 0.80 | 2.57 | 7.77 | 10.53 | 9.78 | 8.24 | 6.68 |  | 09/30/1999 |


| Investment Options | 1-Mo | 3-Mo | YTD | 1-Yr | 3-Yr | 5-Yr | 10-Yr | Incept | Fund Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ING Intermediate Bond Portfolio - Class I | 0.93 | 3.55 | 7.54 | 9.31 | 8.80 | 5.58 | 5.06 |  | 05/23/1973 |
| ING U.S. Bond Index Portfolio - Class I | 0.07 | 1.44 | 3.67 | 4.67 | 5.54 |  |  | 5.58 | 03/04/2008 |
| Asset Allocation |  |  |  |  |  |  |  |  |  |
| Lifecycle |  |  |  |  |  |  |  |  |  |
| ING Solution 2015 Portfolio - Adviser Class (1) | 1.26 | 3.93 | 9.94 | 15.96 | 7.62 | 1.01 |  | 3.65 | 04/29/2005 |
| ING Solution 2015 Portfolio - Initial Class (2) | 1.32 | 4.13 | 10.32 | 16.46 | 8.17 | 1.51 |  | 4.18 | 04/29/2005 |
| ING Solution 2025 Portfolio - Initial Class (3) | 1.74 | 4.89 | 11.87 | 20.18 | 8.79 | 0.09 |  | 3.85 | 04/29/2005 |
| ING Solution 2035 Portfolio - Initial Class (4) | 2.14 | 5.41 | 12.96 | 22.89 | 8.92 | -0.49 |  | 3.90 | 04/29/2005 |
| ING Solution 2045 Portfolio - Initial Class (5) | 2.29 | 5.80 | 13.33 | 23.59 | 9.05 | -1.15 |  | 3.88 | 04/29/2005 |
| ING Solution 2055 Portfolio - Initial Class (6) | 2.30 | 5.76 | 13.30 | 23.59 |  |  |  | 7.96 | 03/08/2010 |
| ING Solution Income Portfolio - Initial Class (7) | 1.08 | 3.69 | 9.22 | 13.99 | 7.26 | 3.29 |  | 4.38 | 04/29/2005 |
| Balanced |  |  |  |  |  |  |  |  |  |
| Moderate Allocation |  |  |  |  |  |  |  |  |  |
| ING T. Rowe Price Capital Appreciation Portfolio - Inst (8) | 1.54 | 5.27 | 12.50 | 23.51 | 11.53 | 4.63 | 9.76 |  | 01/24/1989 |
| Large Cap Value |  |  |  |  |  |  |  |  |  |
| Large Blend |  |  |  |  |  |  |  |  |  |
| ING Growth and Income Portfolio - Class I | 2.46 | 8.03 | 16.90 | 32.18 | 11.59 | 1.03 | 6.93 |  | 12/31/1979 |
| ING U.S. Stock Index Portfolio - Institutional Class | 2.51 | 6.16 | 16.01 | 29.51 | 12.63 | 0.56 |  | 4.80 | 05/03/2004 |
| Large Value |  |  |  |  |  |  |  |  |  |
| BlackRock Equity Dividend Fund - Institutional Shares | 2.42 | 4.68 | 11.69 | 24.94 | 12.32 | 1.49 | 9.72 |  | 11/29/1988 |
| Large Cap Growth |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| ING Large Cap Growth Portfolio - Institutional Class (9) | 1.89 | 7.44 | 19.71 | 31.19 | 15.47 | 6.93 |  | 7.68 | 05/03/2004 |
| Small/Mid/Specialty |  |  |  |  |  |  |  |  |  |
| Mid-Cap Blend |  |  |  |  |  |  |  |  |  |
| ING Russell Mid Cap Index Portfolio - Class I | 2.00 | 5.43 | 13.54 | 27.30 | 13.65 |  |  | 5.94 | 03/04/2008 |
| Mid-Cap Growth |  |  |  |  |  |  |  |  |  |
| Principal MidCap Blend Fund - R-5 Class Shares | 2.63 | 6.40 | 14.88 | 29.89 | 17.20 | 5.32 | 10.96 |  | 12/06/2000 |
| Small Blend |  |  |  |  |  |  |  |  |  |
| ING Russell Small Cap Index Portfolio - Class I (10) | 3.33 | 5.36 | 13.84 | 31.30 | 12.60 |  |  | 6.92 | 03/04/2008 |
| ING Small Company Portfolio - Class I | 2.20 | 4.03 | 12.56 | 31.88 | 12.45 | 2.61 | 9.91 |  | 12/27/1996 |
| Global / International |  |  |  |  |  |  |  |  |  |
| Foreign Large Blend |  |  |  |  |  |  |  |  |  |
| American Funds EuroPacific Growth Fund - Class R-4 (11) | 3.65 | 7.19 | 12.73 | 17.76 | 3.08 | $-2.46$ | 9.97 |  | 04/16/1984 |
| ING International Index Portfolio - Class I (12) | 2.86 | 6.29 | 10.23 | 14.70 | 1.80 |  |  | -3.13 | 03/04/2008 |

## World Stock

| Investment Options | 1-Mo | 3-Mo | YTD | 1-Yr | 3-Yr | 5-Yr | 10-Yr | Incept | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ING Oppenheimer Global Portfolio - Initial Class | 3.22 | 7.81 | 13.08 | 20.40 | 8.01 | -1.02 | 8.52 |  | 05/01/2002 |

The risks of investing in small company stocks may include relatively low trading volumes, a greater degree of change in earnings and greater short-term volatility.
Foreign investing involves special risks such as currency fluctuation and public disclosure, as well as economic and political risks.
Some of the Funds invest in securities guaranteed by the U.S. Government as to the timely payment of principal and interest; however, shares of the Funds are not insured nor guaranteed.

 chemicals, energy, environmental services, natural resources, precious metals, technology, telecommunications, and utilities.

## Additional Notes

The CURRENT rate for the ING Long Term Guaranteed Accumulation Account is $3.00 \%$, expressed as an annual effective yield, and is guaranteed between $10 / 01 / 2012$ and $12 / 29 / 2017$.
 information regarding the GAA rates and terms, call 1-800-GAA-FUND.
 obligations. Plan administrative services provided by ILIAC or ING Institutional Plan Services, LLC. All companies are members of the ING family of companies. Securities are distributed by or offered through ING Financial Advisers, LLC (member SIPC) or other broker-dealers with which it has a selling agreement.

For a performance report reflecting the charges or more information regarding product expenses, please contact your ING Representative.

 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.
(2)ING Solution 2015 Portfolio - Initial Class: The adviser is contractually obligated to limit expenses to $0.12 \%$ through May 1, 2013; the obligation does not extend to interest, taxes, brokerage
 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.

 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.
(4)ING Solution 2035 Portfolio - Initial Class: The adviser is contractually obligated to limit expenses to $0.12 \%$ through May 1, 2013; the obligation does not extend to interest, taxes, brokerage
 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.
(5)ING Solution 2045 Portfolio - Initial Class: The adviser is contractually obligated to limit expenses to $0.12 \%$ through May 1, 2013; the obligation does not extend to interest, taxes, brokerage
 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.

## See Performance Introduction Page for Important Information

## Additional Notes

(6)ING Solution 2055 Portfolio - Initial Class: The adviser is contractually obligated to limit expenses to $0.12 \%$ through May 1, 2013; the obligation does not extend to interest, taxes, brokerage
 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.

 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.

 the Service Class performance, NOT adjusted by fees associated with the Inst. Class.
(9)ING Large Cap Growth Portfolio - Institutional Class: The adviser is contractually obligated to limit expenses to $0.60 \%$ through May 1, 2014; the obligation does not extend to interest, taxes,


(10)ING Russell Small Cap Index Portfolio - Class I: The adviser is contractually obligated to limit expenses to $0.45 \%$ through May 1 , 2013; the obligation does not extend to interest, taxes,
 adviser upon written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.
 holdings as Class A. The performance information above prior to May 15, 2002 is based upon the Class A performance adjusted by the fee differences between classes.

 written notice within 90 days of the end of the current term or upon termination of the advisory agreement and is subject to possible recoupment by the adviser within three years.
(13)The CURRENT rate for the ING Fixed Account - 457/401 Base +110 is $3.00 \%$, expressed as an annual effective yield, and is guaranteed not to drop below $3.00 \%$ through $12 / 31 / 2012$. The
 Please refer to your product prospectus / disclosure booklet and call your 800 number for more information
 determine which Fixed Interest Options are available for your specific plan. The Investment Option is offered through ING Life and Insurance Annuity Company,

Not all investments options are available under all contracts; please check your disclosure booklet for options available under your plan.
The returns do not reflect the impact of a Deferred Surrender Charge. If included, performance would be less favorable.

## Benchmark ID <br> BCUSHY2IC

LBUSTIPS

LEHM

## Benchmark Description

The Barclays Capital U.S. Corporate High Yield 2\% Issuer Cap Index is an index of the 2\% Issuer Cap component of the Barclays Capital U.S. Corporate High Yield Index, which covers the U.S. dollar-denominated, non-investment grade fixed-rate, taxable corporate bond market. Please note that indexes are unmanaged and their returns do not take into account any of the fees and expenses of the mutual funds to which they are compared. Individuals cannot invest directly in any index.
The Barclays Capital US Treasury: US TIPS Index is an unmanaged market index comprised of all U.S. Treasury Inflation Protected Securities rated investment grade (Baa3 or better), have at least one year to final maturity, and at least $\$ 250$ million par amount outstanding. Please note that indexes are unmanaged and their returns do not take into account any of the fees and expenses of the mutual funds to which they are compared. Individuals cannot invest directly in any index.
The Barclays Capital U.S. Aggregate Index is an unmanaged index composed of securities from the Barclays Government/Corporate Bond Index, Mortgage-Backed Securities Index, and the Asset-Backed Securities Index, including securities that are of investmentgrade quality or better and have at least one year to maturity. Please note that indexes are unmanaged and their returns do not take into account any of the fees and expenses of the funds to which they are compared. Individuals cannot invest directly in any index.

|  | Performance Introduction Page for Important Information |
| :---: | :---: |
| Benchmark ID | Benchmark Description |
| MFR | The MFR Money Market Index is comprised of returns which are based upon historical average 30-day compound yields on a universe of taxable money market funds. The data for the universe, which includes approximately 980 funds, is compiled by iMoneynet, Inc. Goal of ING Fixed Account - 457/401 is to outperform the MFR by 150-200 basis points over 3-5 year time periods. |
| MSCIAC | The Morgan Stanley Capital International (MSCI) All Country World Index is a broad-based unmanaged index of developed country and emerging market equities. |
| MSCIACEU | The Morgan Stanley Capital International (MSCI) All Country World ex-U.S. Index is an unmanaged index that measures the returns of equities of companies which are domiciled outside the U.S. Please note that indexes are unmanaged and their returns do not take into account any of the fees and expenses of the mutual funds to which they are compared. Individuals cannot invest directly in any index. |
| MSCIEAFE | Morgan Stanley Capital International Europe, Australia, Far East Index (MSCI EAFE) is a market value-weighted average of the performance of more than 900 securities listed on the stock exchanges of countries in Europe, Australia and the Far East. The MSCI EAFE returns assume reinvestment of all dividends. Please note that indexes are unmanaged and their returns do not take into account any of the fees and expenses of the mutual funds to which they are compared. Individuals cannot invest directly in any index. |
| RS1000G | The Russell 1000 Growth Index measures the performance of those Russell 1000 companies with higher price-to-book ratios and higher forecasted growth values. The Russell 1000 Growth returns assume reinvestment of all dividends. |
| RS2000 | The Russell 2000 Index (a small cap index) consists of the smallest 2,000 companies in the Russell 3000 Index and represents approximately $10 \%$ of the Russell 3000 total market capitalization. The Russell 2000 returns assume reinvestment of all dividends. |
| RSMID | The Russell Mid-Cap Index consists of the smallest 800 companies in the Russell 1000 Index, which represents approximately $35 \%$ of the Russell 1000 total market capitalization. The Russell Mid-Cap returns assume reinvestment of all dividends. |
| SP2035 | S\&P Target Date 2035 Index |
| SP2045 | S\&P Target Date 2045 Index |
| SPT2015 | S\&P Target Date 2015 Index |
| SPT2025 | S\&P Target Date 2025 Index |
| SPTREIN | S\&P Target Date Retirement Income Index |
| SPXLBGC | $60 \%$ S\&P 500/40\% Barclays Capital Corp/Gov Bond Index: A benchmark consisting of a mix of $60 \%$ of an unmanaged stock index (The Standard \& Poor's 500 ) and $40 \%$ of an unmanaged bond index (Barclays Capital Gov't Corp. Bond Index). |
| SPXRE | The Standard \& Poor's (S\&P) 500 Index is considered to be representative of the stock market in general. The S\&P 500 returns assume reinvestment of all dividends. |

## Portfolielirector

The information is current as of 09/30/2012.
Effective December 31, 2001, all future contributions for all existing and new participants will be directed to VALIC for
investment into the mutual fund and fixed-interest option investments. All VALIC annuity investment options will be closed to current or future Plan participants after this date.

| Category/Funds |  | YTD <br> Return | 1 Year <br> Return | 3 Year <br> Return | 5 Year <br> Return | $\mathbf{1 0}$ Year <br> Return | Since <br> Inception | Expense <br> Ratio |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ITD Date |  |  |  |  |  |  |  |  |

Domestic Mid Cap Equity

| Mid Cap |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mid Cap Strategic Growth Fund (RCM/MorganStanley) | 7.00 | 13.77 | 9.23 | -0.86 | 4.69 | 4.69 | 1.64 | 12/20/2004 |
| Global Equity |  |  |  |  |  |  |  |  |
| Global Social Awareness Fund (PineBridge Investments) | 12.31 | 20.40 | 6.53 | -2.78 | 5.26 | 5.26 | 1.47 | 10/2/1989 |
| Emerging Economies (formerly Global Equity) Fund (JPMorgan) | 8.58 | 15.60 | 2.35 | -7.73 | -0.94 | -0.94 | 1.8 | 12/5/2005 |
| International Equity |  |  |  |  |  |  |  |  |
| Foreign Value Fund (Templeton Global) | 8.45 | 11.68 | 0.17 | -4.21 | 1.19 | 1.19 | 1.64 | 12/5/2005 |
| Speciality |  |  |  |  |  |  |  |  |
| Science \& Technology Fund (T. Rowe/RCM/Wellington) | 13.32 | 19.02 | 11.50 | 1.94 | 9.72 | 9.72 | 1.82 | 4/29/1994 |
| Hybrid |  |  |  |  |  |  |  |  |
| Balanced |  |  |  |  |  |  |  |  |
| Vanguard Wellington Fund | 10.63 | 19.41 | 9.14 | 2.79 | 7.61 | 7.61 | 1.35 | 7/1/1929 |
| Fixed Income |  |  |  |  |  |  |  |  |
| Investment Grade |  |  |  |  |  |  |  |  |
| Vanguard Long-Term Investment-Grade Fund Vanguard Long-Term Treasury Fund | $\begin{gathered} 10.31 \\ 3.99 \\ \hline \end{gathered}$ | $\begin{gathered} 12.50 \\ 5.33 \\ \hline \end{gathered}$ | $\begin{aligned} & 11.21 \\ & 10.86 \end{aligned}$ | $\begin{aligned} & 9.61 \\ & 9.98 \\ & \hline \end{aligned}$ | $\begin{aligned} & 6.87 \\ & 6.69 \\ & \hline \end{aligned}$ | $\begin{array}{r} 6.87 \\ 6.69 \\ \hline \end{array}$ | $\begin{array}{r} 1.04 \\ 1.02 \\ \hline \end{array}$ | $\begin{gathered} 7 / 9 / 1973 \\ 5 / 19 / 1986 \end{gathered}$ |
| International |  |  |  |  |  |  |  |  |
| International Government Bond Fund (PineBridge Investments) | 7.60 | 8.94 | 5.88 | 5.99 | 7.44 | 7.44 | 1.47 | 10/1/1991 |
| Stable Value |  |  |  |  |  |  |  |  |
| Money Market I Fund (SunAmerica) | -0.59 | -0.78 | -0.78 | -0.08 | 0.80 | 0.80 | 1.32 | 1/16/1986 |
| 7-Day current yield at 30-Sep-2009: -0.79 |  |  |  |  |  |  |  |  |
| Fixed Account Plus | 2.78 | 2.87 | 3.34 | 3.54 | 4.21 | 4.21 |  | 1/1/1982 |
| Short Term Fixed Account | 1.00 | 1.00 | 1.50 | 2.10 | 2.55 | 2.55 |  | 1/1/1991 |

An investment in money market funds is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although the funds seek to preserve the value of your investment at $\$ 1.00$ per share, it is possible to lose money by investing in the funds.

Returns reflect overall changes in accumulation unit value from the beginning to the end of the periods shown, after deduction of fund expenses. Figures on pages $3 \& 4$ do not reflect deduction of account

 prior to the date the funds became available in the Separate Account are hypothetical and are calculated as if the fund had been in the Separate Account during the stated period.

Bear in mind that annuities also provide additional features and benefits, including, but not limited to a guaranteed death benefit and guaranteed lifetime income options, for which a Separate Account fee is charged. Annuities are long-term investments. Income taxes are payable upon withdrawal. Federal restrictions and tax penalties may apply to early withdrawals prior to age $591 / 2$.

Retirement plans and accounts that satisfy relevant qualification rules, such as $403(\mathrm{~b}) \mathrm{s}$, IRAs, $401(\mathrm{k}) \mathrm{s}$, etc., can be tax deferred regardless of whether or not they are funded with an annuity. If you are
 tax-qualified retirement plan or account itself. However, annuities do provide other features and benefits.

Fixed Account Plus contributions received and deposited during a given month will earn that month's current interest rate for the remainder of that calendar year (for all contact series except $7.0,7.20,12.0$,
 from month to month.
*Performance numbers for Fixed Account Plus and Short Term Fixed are based on annualized returns.

All Short-Term Fixed Account deposits will earn the annual declared interest rate for the remainder of that calendar year. Interest is credited daily and subject to the claims-paying ability of the insurance company. Please refer to your contract for the minimum guaranteed rate. VALIC's interest-crediting policy is subject to change. Premium taxes will be deducted when required by state law.
 used, even though the contract may not have been available for sale during all periods shown.
Applicable to Portfolio Director Fixed and Variable Policy Form series UIT-194, UTIG-194, UTIG-194P, and UITN-194.
\# This fund closed to new deposits effective 2/12/2010.
 The new sub-advisor to the fund is JP Morgan. Performance as of $9 / 30 / 2011$ and prior is attributable to the Global Equity Fund.

OPEB

## State of Rhode Island

RATES OF RETURN - Total
Periods Ending September 30, 2012

PERFORMANCE SUMMARY REPORT

|  | EMV | ROR | Qtr ROR | FYTD | YTD | 1 YEAR | 3 YEARS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ITD |  |  |  |  |  |  |  |

OSIP

State of Rhode Island
OSIP Performance Q1
July 1, 2012 to September 30, 2012

| Fund \# | Fund Name | Beginning Balance |  | Ending Balance |  | Average Daily Balance |  | Earnings |  | Yield |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6700 | RIPTA HEALTH FUND | \$ | 463.85 | \$ | 464.06 | \$ | 463.85 | \$ | 0.21 | 0.18\% |
| 6600 | BOG RETIREE FUND | \$ | 259,080.66 | \$ | 9,173.98 | \$ | 202,015.44 | \$ | 93.32 | 0.18\% |
| 4300 | ASSESSED FRINGE BEN ADM | \$ | 1,000,315.61 | \$ | 433.55 | \$ | 244,880.83 | \$ | 117.94 | 0.19\% |
| 7200 | RI ST POL RETIREE HEALTH | \$ | 345,589.75 | \$ | 713.26 | \$ | 266,839.75 | \$ | 123.51 | 0.18\% |
| 8000 | HIGHER EDUCATION | \$ | 4,929.00 | \$ | 1,105,089.35 | \$ | 420,146.39 | \$ | 160.35 | 0.15\% |
| 1004 | GENERAL FUND (HIST PRES) | \$ | 536,501.72 | \$ | 536,738.86 | \$ | 536,501.72 | \$ | 237.14 | 0.18\% |
| 1100 | HISTORIC TAX CREDITS | \$ | 1,200,979.05 | \$ | 1,201,509.91 | \$ | 1,200,979.05 | \$ | 530.86 | 0.18\% |
| 6800 | PERMANENT SCHOOL FUND | \$ | 1,430,451.32 | \$ | 1,431,083.60 | \$ | 1,430,451.32 | \$ | 632.28 | 0.18\% |
| 7100 | TEACHER RETIREE HEALTH FUND | \$ | 554,213.82 | \$ | 2,105,077.58 | \$ | 1,983,018.17 | \$ | 863.76 | 0.17\% |
| 2300 | R.I. CLEAN WATER ACT | \$ | 2,300,947.04 | \$ | 2,301,964.10 | \$ | 2,300,947.04 | \$ | 1,017.06 | 0.18\% |
| 6500 | RETIREE HEALTH FUND | \$ | 3,485,971.63 | \$ | 2,587,516.04 | \$ | 3,510,971.63 | \$ | 1,544.41 | 0.17\% |
| 8100 | INDUS. BLDG. \& MTG. INS. | \$ | 3,648,557.42 | \$ | 3,650,170.16 | \$ | 3,648,557.42 | \$ | 1,612.74 | 0.18\% |
| 7500 | UNIVERSITY COLLEGE | \$ | 6,054,355.31 | \$ | 5,056,022.83 | \$ | 3,690,224.88 | \$ | 1,667.52 | 0.18\% |
| 1200 | HIGHWAY FUND | \$ | 8,789.08 | \$ | 12,911,895.89 | \$ | 7,059,876.04 | \$ | 3,106.81 | 0.17\% |
| 4000 | STATE LOTTERY FUND | \$ | 19,851,789.46 | \$ | 17,759,818.08 | \$ | 18,117,006.85 | \$ | 8,028.62 | 0.18\% |
| 5700 | HEALTH INSURANCE FUND | \$ | 20,520,474.15 | \$ | 28,430,982.48 | \$ | 23,941,126.32 | \$ | 10,508.33 | 0.17\% |
| 1400 | T.D.I. RESERVE (DET) | \$ | 47,058,316.92 | \$ | 50,980,267.75 | \$ | 50,086,577.79 | \$ | 21,950.83 | 0.17\% |
| 1000 | GENERAL FUND | \$ | 55,023,736.07 | \$ | 55,048,057.67 | \$ | 55,023,736.07 | \$ | 24,321.60 | 0.18\% |
| 2100 | RICAP GL FUND 21 | \$ | 64,943,342.93 | \$ | 64,972,049.20 | \$ | 64,943,342.93 | \$ | 28,706.27 | 0.18\% |
|  | Operating Funds Totals | \$ | 228,228,804.79 | \$ | 250,089,028.35 | \$ | 238,607,663.49 | \$ | 105,223.56 | 0.17\% |
| 2216 | CCDL1993A | \$ | 7,386.34 | \$ | 7,386.19 | \$ | 7,384.56 | \$ | 3.26 | 0.18\% |
| 2217 | BOND CCDL 1994 SERIES A | \$ | 15,002.22 | \$ | 15,001.91 | \$ | 14,998.60 | \$ | 6.62 | 0.18\% |
| 2221 | CAP DEV OF 1997 SERIES A | \$ | 40,477.14 | \$ | 41,017.51 | \$ | 40,496.77 | \$ | 17.90 | 0.18\% |
| 2226 | BOND CAPITOL CCDL2000A | \$ | 102,399.29 | \$ | 102,397.22 | \$ | 102,374.56 | \$ | 45.25 | 0.18\% |
| 2242 | CCDL10D | \$ | 103,931.30 | \$ | 103,929.20 | \$ | 103,906.19 | \$ | 45.94 | 0.18\% |
| 2241 | CCDL10C | \$ | 161,393.82 | \$ | 161,465.16 | \$ | 161,393.82 | \$ | 71.34 | 0.18\% |
| 2228 | CCDL2001C | \$ | 201,356.62 | \$ | 201,352.55 | \$ | 201,307.99 | \$ | 88.98 | 0.18\% |
| 2339 | CCDL99A 1999A | \$ | 205,319.69 | \$ | 205,315.54 | \$ | 205,269.43 | \$ | 90.74 | 0.18\% |
| 2311 | CLEAN WATER 2004 SERIES A | \$ | 222,554.09 | \$ | 222,549.60 | \$ | 222,499.62 | \$ | 98.35 | 0.18\% |
| 2347 | CLEAN WATER 2007 SERIES A | \$ | 283,293.92 | \$ | 283,288.20 | \$ | 283,224.58 | \$ | 125.20 | 0.18\% |
| 2238 | GO BND-NTAX 2008 SERIES B | \$ | 474,679.50 | \$ | 474,669.92 | \$ | 474,564.85 | \$ | 209.77 | 0.18\% |
| 2233 | BOND CCDL 2005 SERIES E | \$ | 897,280.30 | \$ | 829,131.49 | \$ | 871,888.40 | \$ | 386.51 | 0.18\% |
| 2350 | CCDL2011A CLEAN WATER COMPONENT | \$ | 1,260,186.19 | \$ | 1,260,160.75 | \$ | 1,259,877.76 | \$ | 556.90 | 0.18\% |
| 2222 | CCDL1998A | \$ | 1,696,084.06 | \$ | 1,696,049.81 | \$ | 1,695,674.39 | \$ | 749.53 | 0.18\% |
| 2240 | CCDL10B BOND CAPITAL COMPONENT | \$ | 3,296,205.17 | \$ | 2,450,965.31 | \$ | 2,983,080.29 | \$ | 1,332.44 | 0.18\% |
| 2231 | CCDL 2004 SERIES A | \$ | 3,032,932.62 | \$ | 3,026,855.41 | \$ | 3,029,976.97 | \$ | 1,339.43 | 0.18\% |
| 2235 | BOND CCDL 2006 SERIES C | \$ | 3,348,081.72 | \$ | 2,988,336.82 | \$ | 3,214,367.18 | \$ | 1,426.73 | 0.18\% |
| 2236 | GO BND-NTAX 2007 SERIES A | \$ | 5,954,261.48 | \$ | 5,939,095.59 | \$ | 5,947,262.66 | \$ | 2,629.10 | 0.18\% |
| 2232 | BOND CCDL 2005 SERIES C | \$ | 7,571,036.21 | \$ | 7,457,602.98 | \$ | 7,527,515.45 | \$ | 3,329.21 | 0.18\% |
| 2243 | CCDL2011A | \$ | 72,665,605.82 | \$ | 54,375,289.52 | \$ | 65,164,612.00 | \$ | 29,105.71 | 0.18\% |
|  | Bond Proceeds Fund Totals | \$ | 101,539,467.50 | \$ | 81,841,860.68 | \$ | 93,511,676.07 | \$ | 41,658.91 | 0.18\% |


|  | 1050 | TANS PROCEEDS | \$ | - | \$ |
| :---: | :---: | :---: | :---: | :---: | :---: |


[^0]:    BROKERAGELINK

[^1]:    © 2012 FMR LLC. All rights reserved. The trademarks and service marks appearing herein are the property of their respective owners.

