# STATE OF RHODE ISLAND INVESTMENT COMMISSION MEETING 

DATA AT
December 31, 2012
January 23, 2013 MEETING

MEMBERS OF THE STATE INVESTMENT COMMISSION
Honorable Gina M. Raimondo, Chair

Ms. Rosemary Booth Gallogly
Mr. Thomas P. Fay
Ms. Paula M. McNamara
Mr. Andrew K. Reilly

Mr. J. Michael Costello
Mr. Robert Giudici
Ms. Marcia Reback

## Section I.

## Agenda



# State of Rhode Island and Providence Plantations 

Office of the General Treasurer

Gina M. Raimondo<br>General Treasurer

## RHODE ISLAND STATE INVESTMENT COMMISSION MEETING NOTICE

The next meeting of the Rhode Island State Investment Commission has been scheduled for Wednesday, January 23, 2013 at 9:00 a.m. in Room 135 of the State House.

## AGENDA

- Chairperson Call to Order
- Membership Roll Call
- Approval of Minutes
- State Investment Commission Meeting held on December 19, 2012*
- Bank Loan/High Yield Recommendation*
- General Consultant - Infrastructure Policy Statement*
- Corporate Governance Briefing
- Legal Counsel Report
- Chief Investment Officer Report
- Review of New Reporting \& Mid-Year Update
- Treasurer's Report
* Commission members may be asked to vote on this item.

POSTED ON FRIDAY, JANUARY 18, 2013

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## Section II.

## Approval of Minutes



State Investment Commission<br>Monthly Meeting Minutes<br>Wednesday, December 19, 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 9:00 a.m., Wednesday, December 19, 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, General Treasurer Gina Raimondo. Mr. Fay left at 10:52.
Also in attendance: Mr. Thomas Lynch of Cliffwater, Alternative Investment Consultant to the Commission; Mr. John Burns, Ms. Judy Chambers, and Mr. David Glickman of Pension Consulting Alliance (PCA), General Policy Consultant and Real estate Consultant to the Commission; Ms. Sally Dowling, of Adler Pollock, Legal Counsel to the Commission; Mr. Robert Furuhjelm and Ms. Janine Peake of Nordic Capital; Anne-Marie Fink, chief investment officer and members of the Governor's and Treasurer's staff.
Treasurer Raimondo called the meeting to order at 9:00 a.m.

## II. Approval of Minutes

On a motion by Mr. Reilly and seconded by Ms. Paula McNamara, it was unanimously VOTED: To approve the draft of the minutes of the November 28, 2012 meeting of the State Investment Commission.

Before moving to the agenda, Treasurer Raimondo took a moment to acknowledge the tragedy in Newtown, Connecticut. The Treasurer asked Ms. Fink and Cliffwater to go through our portfolio to see if our private equity managers own companies which distribute semiautomatic weapons. She explained Wellspring has a stake in United Sporting Company and as of January $1^{\text {st }}$ they will no longer distribute the weapons. Anne-Marie is putting together a corporate governance program and someone will be at the board meeting in January to continue that conversation.

## III. Nordic Capital Fund VIII Recommendation

Mr. Lynch introduced Mr. Furuhjelm and Ms. Peake.
Mr. Furuhjelm explained ERSRI has been an investor in Nordic since Fund III in 1998. Nordic has realized a net $\$ 72$ million with a net return of 3.4X on realized investments. They are the lead investor in 77 acquisitions and have invested 7 Billion Euros in the Nordic region.

Mr. Furuhjelm pointed out they recently opened an office in Germany to evaluate opportunities in that market. He explained all of their transactions are large to mid-cap buyouts and about $40 \%$ of their total investments are in the healthcare space.
Mr. Furuhjelm continued to review the book, explaining their offices, investors and investments geographic location. He stated they are very good at creating efficiencies while maintaining employee and customer loyalty in the businesses. He referenced accolades along these lines.
Ms. Booth Gallogly asked about the Nordic and European healthcare system and how this effects their investments and Mr. Furuhjelm and Ms. Peake explained that dynamic.
Mr. Reilly asked for an update on Fund VII and they provided an update on their final six investments and their plan to continue to improve that process in Fund VIII.
Nordic left the room and Mr. Lynch provided investment and operations due diligence. He explained how this fit into the private equity portfolio as a whole.

On a motion by Ms. Booth Gallogly and seconded by Mr. Costello, it was unanimously VOTED: to commit $\$ 20$ million to Nordic Capital, for investment in Nordic Capital Fund VIII predicated on satisfactory completion of all due diligence.

## IV. Hedge Fund Redemption

Mr. Lynch recommended a \$50M redemption of the Wexford Spectrum fund. He read the memo on why they came to this conclusion including their recent request for a side pocket and investments in private companies.
Ms. Fink agreed with Mr. Lynch and explained they are not fulfilling their mandate and role in the portfolio.
The board explained the timeline for getting the cash redemption. Ms. Fink said we have some time before the cash is received and she explained staff will be looking at a variety of options on where to reallocate the money.
Mr. Reilly asked if there is a penalty and Mr. Lynch said no. He explained there is a risk Wexford could put up a gate.

On a motion by Mr. Costello and seconded by Mr. Giudici, it was unanimously
VOTED: to accept the recommendation to redeem all investments in the Wexford Spectrum Fund.

Mr. Lynch then explained the watch list process and said the internal investment committee put Gracie on a watch list because of instability in their partnership structure and because they have recently had some redemptions. Ms. Fink said this does not necessarily mean redemption, but the firm is being looked at very carefully.

## V. Infrastructure Policy Statement

Ms. Chambers reviewed the policy statement, including how the committee plans to run the portfolio, what investment preferences are, what the risks are, strategic objectives, long term performance objectives with a benchmark. She listed prohibited investments including
nuclear facilities, correctional facilities and underlying assets with significant commodity exposure.
Ms. Chambers explained the section regarding "Rhode Island Investments", saying they would encourage managers to look for investment opportunities in Rhode Island, but they should have the same risk-return expectations. She also explained the section on responsible contracting policies (RCP) in detail.
Mr. Costello asked how this policy compares to others and Ms. Chambers explained it was a relatively standard, straight-forward policy.
Treasurer Raimondo asked how many funds would be in the infrastructure portfolio and Ms. Chambers said the allocated capital to this space is $3 \%$ or about $\$ 220 \mathrm{M}$. She said there will be about 3-5 managers and Ms. Fink said it would most likely be at the lower end of that range. Ms. Reback suggested the staff "shall" notify the SIC if a manager does not comply with ERSRI RCP instead of "may." The board agreed. Ms. Reback also voiced concerns about letter "h" of infrastructure investment risks and a line on union recognition in the RCP.
Ms. Chambers explained this is standard pro-labor language and many other pension funds have adopted policies very similar to this.
The board discussed the issues raised and it was concluded they would seek the guidance of Mr. Emkin, a national leader in this area as well as legal staff.
The decision was made to revisit the policy next meeting in light of Ms. Reback's concerns.

## VI. Policy Guidelines for Swap Related QIRs

Ms. Fink explained this is something Russell our overlay manager asked us to put in place because they need it to do SWAPs for us as part of Dodd-Frank.
The committee discussed Russell's role in the portfolio and explained they use SWAPs to get the portfolio back into policy. Ms. Fink explained this is a cheaper way to get back into policy day-to-day. It is a boiler plate policy and all of their other clients are being asked to approve a similar policy.

On a motion by Mr. Costello and seconded by Mr. Fay, it was unanimously
VOTED: to adopt the policy regarding qualified independent representatives as related to Swaps transactions.

## VII. Real Estate Restructuring Plan

Mr. Glickman said the goal today is to provide an update of the decisions made previously about the real estate portion of the portfolio. He presented the portfolio by property sector diversification, geographic diversification, risk classification and vintage exposure by commitment year. The portfolio is currently $68 \%$ core and $32 \%$ non-core.
He explained REITS should be a part of the portfolio and can be used opportunistically and should make up between $0 \%$ and $25 \%$ of the portfolio.
Mr. Glickman and the board discussed secondary sales opportunities in the non-core part of the portfolio in detail. The committee stressed they do not want to sell just to sell and the pricing has to be competitive. He recommended putting additional funds into the good
performing managers in the portfolio. He then provided a pacing plan update and said this should take until 2015 to avoid vintage year concentration risk.

## VIII. Legal Counsel Report

There was no legal update.

## IX. CIO Report

Ms. Fink reviewed November estimated performance in each asset class. She reviewed detractors and best performers. She explained with the markets now performing well it is a good thing we did not put the hedge on. She pointed out the FDIC blanket insurance is going away at the end of the year and she is working with Mr. Vin Izzo, cash manager to review that effect on the portfolio. All the portfolio's deposits are fully collateralized, so the effect is minimal. She provided a brief update on the variable rate and banking RFPs.
She then gave a brief update on the December markets to date.

## X. Treasurer's Report

Treasurer Raimondo thanked the committee for all their work this year to improve the portfolio.

## XI. Adjournment

There being no other business to come before the Board, on a motion by Ms. Booth Gallogly and seconded by Mr. Giudici the meeting adjourned at 11:13 a.m.

Respectfully submitted,

Gina M. Raimondo

General Treasurer

## Section III.

## Staff Summary



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

## Gina M. Raimondo

General Treasurer

## State Investment Commission

State of Rhode Island, State House
Providence, Rhode Island
This is to certify that the amounts so listed below belong to the credit of the Employees' Retirement, Municipal Employees', State Police and Judicial Retirement Systems of the State of Rhode Island at the close of business on December 31, 2012.

| Employees' Retirement System of Rhode Island Composite Reporting Investment Valuation December 31, 2012 |  |  |
| :---: | :---: | :---: |
| Asset class |  | Base Maitket Value |
| Grand Total |  | \$7,482,887,468 |
| GLOBAL PUBLIC EQUTIY |  | \$3,354,194,158 |
| EQUITY HEDGE FUNDS * |  | \$546,321,025 |
| PRIVATE EQUITY* |  | \$575,181,607 |
| US TRADITIONAL FIXED |  | \$1,059,734,703 |
| REAL ESTATE* |  | \$269,602,417 |
| REAL RET HEDGE FUNDS * |  | \$515,744,687 |
| INFLATION-LINKED BDS |  | \$385,134,389 |
| CASH \& SHORT-TERM INV. ** |  | \$776,974,482 |
| Plandillocations | 9\% | Base Market Value |
| Grand Total | 100.00\% | \$7,482,887,468 |
| STATE EMP RET PLAN | 81.94\% | \$6,131,761,725 |
| MUNI EMP RET PLAN | 16.30\% | \$1,219,487,997 |
| STATE POLICE RET PL | 1.16\% | \$87,102,384 |
| JUDICIAL RET PLAN | 0.60\% | \$44,535,363 |

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## Portfolio Highlights

## PORTFOLIO PERFORMANCE December

The ERSRI portfolio posted a $1.5 \%$ gain for December, against the policy index of $1.64 \%$. Total Equity gained $2.07 \%$, the US Traditional Fixed Income returned $0.05 \%$, the Real Return Hedge Funds returned $1.33 \%$, and GILB's returned $0.32 \%$ Calendar Year to Date For the twelve months ending December 31, 2012, the portfolio is up $12.49 \%$ against the policy index of $12.16 \%$. Total Equity was up 15.88\%, US Traditional Fixed Income returned 7.95\%, while Real Return Hedge Funds returned 5.33\% and GILB's earned 9.20\%
Fiscal Year to Date For the Fiscal Year to date, the fund has gained 6.86\%, versus the policy index of $6.70 \%$.
Market Values The total portfolio value increased in December by $\$ 77.3$ million to $\$ 7.5$ billion. This compares with an decrease in value of $\$ 19.3$ million for the same period in 2011. The increase represents $\$ 110.2$ million of market impact, offset by $\$ 32.9$ million of transfers out.



## Beta



Annualized Sharpe Ratio


R-Squared


Annualized Standard Deviation


Policy Benchmark is Total Plan Benchmark. Risk-free Proxy is BofA Merrill Lynch 3 Month US Treasury Bill (G001)

## Section IV.

## Asset Allocation

Actual Allocation


Tactical Allocation


Policy Allocation


Actual vs. Tactical


Tactical vs. Policy


## Notes:

Actual vs. Tactical: SIC policy allows for fluctuations of $\pm 2 \%$ from Tactical to accommodate market movements while minimizing trading costs for rebalancing, and lags in rebalancing to less liquid asset classes.

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

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

## Asset Summary

| Asset Class | Physical Exposure |  | Synthetic Exposure |  | Net Position |  | Overlay Target |  | Policy Target |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Market Value | 7,458.1 | 100.0\% | 0.0 | 0.0\% | 7,458.1 | 100.0\% | 7,458.1 | 100.0\% | 7,458.1 | 100.00\% |
| Cash | 240.0 | 3.2\% | -207.3 | -2.8\% | 32.7 | 0.4\% | 24.0 | 0.3\% | 0.0 | 0.00\% |
| Cash | 240.0 | 3.2\% | -207.3 | -2.8\% | 32.7 | 0.4\% | 24.0 | 0.3\% | 0.0 | 0.00\% |
| Equity | 4,474.1 | 60.0\% | 207.3 | 2.8\% | 4,681.4 | 62.8\% | 4,650.2 | 62.4\% | 4,564.3 | 61.20\% |
| US Equity | 1,621.5 | 21.7\% | 128.3 | 1.7\% | 1,749.8 | 23.5\% | 1,767.8 | 23.7\% | 1,678.1 | 22.50\% |
| Private Equity | 572.5 | 7.7\% | 0.0 | 0.0\% | 572.5 | 7.7\% | 572.5 | 7.7\% | 671.2 | 9.00\% |
| International Developed | 1,295.1 | 17.4\% | 79.0 | 1.1\% | 1,374.2 | 18.4\% | 1,343.5 | 18.0\% | 1,275.3 | 17.10\% |
| International EM | 442.7 | 5.9\% | 0.0 | 0.0\% | 442.7 | 5.9\% | 424.3 | 5.7\% | 402.7 | 5.40\% |
| Alternative Equity | 542.2 | 7.3\% | 0.0 | 0.0\% | 542.2 | 7.3\% | 542.2 | 7.3\% | 537.0 | 7.20\% |
| Fixed | 1,099.9 | 14.7\% | 0.0 | 0.0\% | 1,099.9 | 14.7\% | 1,139.8 | 15.3\% | 1,118.7 | 15.00\% |
| Fixed Income | 1,099.9 | 14.7\% | 0.0 | 0.0\% | 1,099.9 | 14.7\% | 1,139.8 | 15.3\% | 1,118.7 | 15.00\% |
| Other | 1,644.1 | 22.0\% | 0.0 | 0.0\% | 1,644.1 | 22.0\% | 1,644.1 | 22.0\% | 1,775.0 | 23.80\% |
| Real Estate | 262.7 | 3.5\% | 0.0 | 0.0\% | 262.7 | 3.5\% | 262.7 | 3.5\% | 305.8 | 4.10\% |
| Real Assets | 764.7 | 10.3\% | 0.0 | 0.0\% | 764.7 | 10.3\% | 764.7 | 10.3\% | 850.2 | 11.40\% |
| Alternative FI - Credit | 139.4 | 1.9\% | 0.0 | 0.0\% | 139.4 | 1.9\% | 139.4 | 1.9\% | 141.7 | 1.90\% |
| Tactical Cash | 477.3 | 6.4\% | 0.0 | 0.0\% | 477.3 | 6.4\% | 477.3 | 6.4\% | 477.3 | 6.40\% |

Deviations from Target Allocation



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

Issuer Credit Ratings
December 31, 2012

|  |  |  | Issuer Ratings | S-T Debt Rating |  | L-T Debt Rating |  | Credit Outlook |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Issuer | Instrument* | Portfolio | Moody's | Moody's | S\&P | Moody's | S\&P | S\&P |
| Bank RI | 3,4 | 3.24\% | N/R | N/A | N/A | N/A | N/A | N/A |
| Sovereign Bank | 3,4 | 26.23\% | Baa1 | P-2 | A-2 | Baa1 | BBB | Negative |
| Bank of America |  | 0.00\% | Baa2 | P-2 | A-2 | Baa2 | A- | Negative |
| JP Morgan Chase |  | 0.00\% | A2 | P-1 | A-1 | A2 | A | Negative |
| Federated |  | 0.00\% | N/R | N/A | N/A | N/A | N/A | N/A |
| Fidelity |  | 0.00\% | N/R | N/A | N/A | N/A | N/A | N/A |
| BlackRock Inc. |  | 0.00\% | A1 | P-1 | A-1 | A1 | A+ | Stable |
| State Street Bank \& Trust Company |  | 0.00\% | Aa2 | P-1 | A-1+ | Aa2 | AA- | Negative |
| RBS Citizens | 3,4 | 69.00\% | A3 | P-2 | A-1 | A3 | A | Stable |
| Webster Bank | 3,4 | 15.75\% | A3 | P-2 | A-2 | A3 | BBB | Stable |
| Oppenheimer |  | 0.00\% | N/A | N/A | N/A | B2 | B+ | Negative |
| Ocean State Investment Pool | 6 | 43.31\% | N/R | N/A | N/A | N/A | N/A | N/A |
| Washington Trust | 3,7 | 10.78\% | N/R | N/A | N/A | N/A | N/A | N/A |
| First Tennessee Bank |  | 0.00\% | Baa1 | P-2 | A-2 | Baa1 | BBB | Negative |
| Merrill Lynch | 2,5,6 | 0.00\% | Baa2 | (P)P-2 | A-2 | Baa2 | A- | Negative |
| Morgan Stanley | 1,2,5 | 0.00\% | Baa1 | P-2 | A-2 | Baa1 | A- | Negative |
| UBS |  | 0.00\% | A2 | P-1 | A-1 | A2 | A | Stable |



## Ratings Definitions

Moody's Short-Term Debt Ratings:
P-1 - Prime-1 have a superior ability for repayment of sr. S-T debt obligations
P-2 - Prime-1 have a strong ability for repayment of sr. S-T debt obligations
P-3 - Prime-1 have an acceptable ability for repayment of sr. S-T debt obligations
NP - Not Prime
Moody's Issuer Rating Symbols:
Aaa - Offer exceptional financial security (high-grade)
Aa - Offer excellent financial security (high-grade)
A - Offer good financial security
Baa - Offer adequate financial security
Ba - Offer questionable financial security
B - Offer poor financial security
Caa - Offer very poor financial security
Ca - Offer extremely poor financial security
C - Lowest rated class, usually in default
Moody's Long-Term Debt Ratings:
Aaa - Best Quality
Aa - High Quality
A - Posess many favorable investment attributes
Baa - Medium-grade obligations
Ba - Posess speculative elements
B - Generally lack characteristics of desirable investments
Caa - Poor standing
Ca - Speculative in a high degree
C - Lowest rated class of bonds
Modifiers:
1 - Higher end of letter rating category
2 - Mid-range of letter rating category
3 - Lower end of letter rating category

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

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

+ or - show relative standing within the category.


## S\&P Outlook Definitions:

Positive - A rating may be raised
Negative - A rating may be lowered
Stable - A rating is not likely to change
Developing - May be raised or lowered
NM - Not meaningful
S\&P Long-Term Debt Ratings:
AAA - Highest rating, extremely strong
AA - Differs slightly from highest rating, very strong
A - More susceptible to adverse effects of change in economic condition, strong
BBB - Exhibits adequate protection parameters
BB, B, - Have significant speculative characteristics. BB least speculative
CCC, CC, C - C highest degree
D - Payment default
Modifiers:

+ or - show relative standing within the category.


## Section V.

## Risk Overview

# 5 Years Ending December 31, 2012 Comparison 

Total Plan Total Plan<br>Benchmark

| Ann Return | 2.09 | 1.82 |
| :--- | ---: | ---: |
| Ann Ex Ret vs Mkt | 0.27 | 0.00 |
| Ann Tracking Error | 1.87 | 0.00 |
| Ann Std Dev | 12.28 | 13.48 |
| Beta | 0.91 | 1.00 |
| R-Squared | 0.99 | 1.00 |
| Ann Alpha | 0.31 | 0.00 |
| Ann Sharpe Ratio | 0.19 | 0.16 |
| Treynor Ratio | 0.21 | 0.18 |
| Ann Info Ratio | 0.06 | --- |

## Annualized Alpha



Annualized Tracking Error


Annualized Information Ratio


Treynor Ratio


Policy Benchmark is Total Plan Benchmark. Risk-free Proxy is BofA Merrill Lynch 3 Month US Treasury Bill (G001)

## Asset Class Risk \& Return

3 Years As of December 31, 2012
Scatter


## Asset Class Risk \& Return

5 Years As of December 31, 2012
Scatter


3 Years Ending December 31, 2012
Comparison
3 Year Ann Std Dev Beta (ACWI) Beta (BC AGG) Beta (GSCI)

| US Public Equity | 10.39 | 16.01 | 0.90 | -3.30 | 0.64 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Non-US Public Equity | 4.05 | 19.24 | 1.11 | -2.81 | 0.77 |
| Equity Hedge Funds | --- | --- | --- | --- | --- |
| Private Equity | 12.71 | 7.26 | 0.05 | -1.10 | 0.05 |
| US Traditional Fixed Income | 6.50 | 2.01 | 0.02 | 0.61 | 0.02 |
| Real Estate | 10.03 | 6.13 | 0.07 | -0.10 | 0.03 |
| Real Return Hedge Funds | --- | --- | --- | --- | --- |
| Inflation-Linked Bonds | 9.62 | 4.25 | -0.03 | 1.20 | -0.01 |
| Cash | 0.17 | 0.08 | 0.00 | 0.00 | 0.00 |
| Russell Overlay Fd | -0.13 | 0.74 | 0.00 | 0.07 | 0.00 |

# 3 Years Ending December 31, 2012 

Correlation

|  | US Pub <br> Eq | Non-US <br> Pub Eq | Eq HF | PE | FI | RE | RR HF | GILBS | Cash |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | | Overlay |
| :--- |

## 5 Years Ending December 31, 2012 Correlation

Ann Return

|  | US Pub Eq | Non-US Pub Eq | Eq HF | PE | FI | RE | RR HF | GILBS | Cash | Overlay |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| US Pub | 1.00 |  |  |  |  |  |  |  |  |  |
| Non-US | --- | --- |  |  |  |  |  |  |  |  |
| Eq HF | --- | --- | --- |  |  |  |  |  |  |  |
| PE | 0.23 | --- | --- | 1.00 |  |  |  |  |  |  |
| FI | 0.44 | --- | --- | 0.02 | 1.00 |  |  |  |  |  |
| RE | -0.06 | --- | --- | 0.22 | -0.25 | 1.00 |  |  |  |  |
| RR HF | --- | --- | --- | --- | --- | --- | --- |  |  |  |
| GILBS | --- | --- | --- | --- | --- | --- | --- | --- |  |  |
| Cash | -0.36 | --- | --- | -0.34 | -0.24 | -0.01 | --- | --- | 1.00 |  |
| Overlay | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

## Section VI.

## Performance Overview

## ERSRI Portfolio

## Contribution to Return

December 2012 Returns - in Percentages
All Data Rounded

Portfolio


## Benchmark



| Account Name Benchmark Name | Market Value | \% of Total | Month | Fiscal YTD | 1 Year | Annualized |  |  |  | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 3 Years | 5 Years | 10 Years | ITD |  |
| SSGA R3000 INDEX | 1,616,288,732.1 | 21.6 | 1.23 |  |  |  |  |  | 0.26 | 10/1/2012 |
| Russell 3000 Index |  |  | 1.23 |  |  |  |  |  | 0.25 | 10/1/2012 |
| US Public Equity | 1,616,288,888.9 | 21.6 | 1.23 | 5.94 | 15.66 | 10.39 | 1.86 |  | 2.16 | 8/1/2007 |
| Russell 3000 Index |  |  | 1.23 | 6.49 | 16.42 | 11.20 | 2.04 |  | 2.19 | 8/1/2007 |
| SSGA MSCI EAFE | 1,161,904,089.5 | 15.5 | 3.20 |  |  |  |  |  | 9.75 | 9/1/2012 |
| MSCI EAFE Net Dividend Index |  |  | 3.20 |  |  |  |  |  | 9.72 | 9/1/2012 |
| SSGA MSCI CANADA | 133,216,080.4 | 1.8 | 1.60 |  |  |  |  |  | 4.61 | 9/1/2012 |
| MSCI Canada Net Dividend Index |  |  | 1.53 |  |  |  |  |  | 4.36 | 9/1/2012 |
| SSGA MSCI EM | 442,785,255.8 | 5.9 | 5.05 |  |  |  |  |  | 12.05 | 9/1/2012 |
| MSCI Emerging Markets Net Dividend Index |  |  | 4.89 |  |  |  |  |  | 11.95 | 9/1/2012 |
| Non-US Public Equity | 1,737,923,393.9 | 23.2 | 3.54 | 13.68 | 17.02 | 4.05 |  |  | 13.27 | 5/1/2009 |
| Total International Equity BM |  |  | 3.47 | 13.17 | 16.52 | 3.32 |  |  | 11.64 | 5/1/2009 |
| Global Public Equity | 3,354,212,282.9 | 44.8 | 2.41 | 10.06 | 17.82 | 8.84 | 0.99 | 8.58 | 2.58 | 7/1/2000 |
| MSCI All Country World Net Index |  |  | 2.27 | 9.91 | 16.13 | 6.63 | -1.16 | 8.11 |  | 7/1/2000 |
| Private Equity | 575,842,348.8 | 7.7 | 1.36 | 3.92 | 11.77 | 12.71 | 2.76 | 11.18 | 3.83 | 1/1/1993 |
| $S \& P+300 B P$ |  |  | 1.15 | 7.51 | 19.44 | 14.17 | 4.71 | 10.28 |  | 1/1/1993 |
| Equity Hedge Funds | 546,321,025.2 | 7.3 | 0.76 | 5.56 | 7.98 |  |  |  | 6.06 | 11/1/2011 |
| HFRX Equity Hedge Index |  |  | 0.44 | 3.59 | 4.81 |  |  |  | 2.16 | 11/1/2011 |
| Total Equity | 4,476,375,656.9 | 59.8 | 2.07 | 15.88 | 15.88 | 9.11 | 1.04 | 8.78 | 2.14 | 6/1/1996 |
| MACKAY SHIELDS | 547,980,262.7 | 7.3 | 0.05 |  |  |  |  |  | 0.14 | 11/1/2012 |
| Barclays U.S. Aggregate Bond Index |  |  | -0.14 |  |  |  |  |  | 0.02 | 11/1/2012 |
| PYRAMIS GLOBAL ADV | 551,182,515.7 | 7.4 | -0.12 |  |  |  |  |  | 0.18 | 11/1/2012 |
| Barclays U.S. Aggregate Bond Index |  |  | -0.14 |  |  |  |  |  | 0.02 | 11/1/2012 |
| US Traditional Fixed Income | 1,099,747,683.6 | 14.7 | -0.05 | 3.74 | 7.95 | 6.50 | 6.18 | 6.04 | 6.38 | 7/1/2000 |
| Barclays U.S. Aggregate Bond Index |  |  | -0.14 | 1.80 | 4.21 | 6.19 | 5.95 | 5.18 | 6.23 | 7/1/2000 |
| Credit Hedge Funds | 139,827,422.2 | 1.9 | 0.29 | 0.68 | -0.02 |  |  |  | -0.47 | 12/1/2011 |
| Barclays U.S. Aggregate Bond Index |  |  | -0.14 | 1.80 | 4.21 |  |  |  | 4.94 | 12/1/2011 |


| Account Name Benchmark Name | Market Value | \% of Total | Month | Fiscal YTD | 1 Year | Annualized |  |  |  | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 3 Years | 5 Years | 10 Years | ITD |  |
| Absolute Return Hedge Funds | 375,917,264.4 | 5.0 | 1.73 | 6.10 | 7.13 |  |  |  | 6.48 | 11/1/2011 |
| HFRI Fund of Funds Composite Index |  |  | 1.17 | 3.79 | 4.81 |  |  |  | 2.74 | 11/1/2011 |
| Real Return Hedge Funds | 515,744,686.5 | 6.9 | 1.33 | 5.33 | 5.33 |  |  |  | 4.81 | 11/1/2011 |
| BROWN BROTHERS HARR | 395,860,134.8 | 5.3 | 0.32 |  |  |  |  |  | 1.78 | 11/1/2012 |
| Barclays World Govt Inflation-Linked All Maturities USD Hedg |  |  | -0.02 |  |  |  |  |  | 1.31 | 11/1/2012 |
| Inflation-Linked Bonds | 395,860,134.8 | 5.3 | 0.32 | 4.74 | 9.20 | 9.62 |  |  | 9.28 | 11/1/2009 |
| Barclays World Govt Inflation-Linked All Maturities USD Hedg |  |  | -0.02 | 2.79 | 5.60 | 7.34 |  |  | 7.13 | 11/1/2009 |
| Real Estate | 269,602,416.9 | 3.6 | 3.21 | 4.80 | 9.62 | 10.03 | -5.25 |  | -0.35 | 1/1/2005 |
| NCREIF Property Lagged + 100bp |  |  | 2.40 | 5.54 | 12.00 | 11.90 | 3.28 |  | 8.93 | 1/1/2005 |
| ERSRI CASH | 671,347,268.0 | 9.0 | 0.04 | 0.01 | 0.11 | 0.16 | 0.75 | 8.17 | 17.13 | 7/1/2000 |
| BofA Merrill Lynch 3 Month US Treasury Bill (G001) |  |  | 0.02 | 0.07 | 0.11 | 0.11 | 0.52 | 1.78 | 2.17 | 7/1/2000 |
| Total Cash | 672,332,415.0 | 9.0 | 0.04 | 0.18 | 0.18 | 0.17 | 0.60 |  | 3.16 | 4/1/2004 |
| Russell Overlay Fd | 45,826,946.7 | 0.6 | 0.04 | 0.18 | 0.18 | -0.13 |  |  | -0.16 | 9/1/2008 |
| Total Plan | 7,482,887,468.2 | 100.0 | 1.50 | 6.86 | 12.49 | 8.52 | 2.09 | 8.04 | 4.10 | 7/1/2000 |
| Total Plan Benchmark |  |  | 1.30 | 6.35 | 11.80 | 8.41 | 1.82 | 7.80 |  | 7/1/2000 |
| Total Plan ex Citizens | 7,481,902,321.2 | 100.0 | 1.50 |  |  |  |  |  | 2.47 | 11/1/2012 |
| Total Plan Benchmark |  |  | 1.30 |  |  |  |  |  | 1.96 | 11/1/2012 |
| Total Plan ex Overlay | 7,437,060,521.5 | 99.4 | 1.46 | 6.75 | 12.39 | 8.35 |  |  | 4.26 | 8/1/2008 |
| Total Plan Benchmark |  |  | 1.30 | 6.35 | 11.80 | 8.41 |  |  | 3.98 | 8/1/2008 |
| Total Plan ex PE \& RE | 6,637,442,702.4 | 88.7 | 1.44 | 5.88 | 11.25 | 7.58 | 2.19 | 7.89 | 6.22 | 4/1/1996 |
| Total Plan BM ex PE RE |  |  | 1.22 | 6.08 | 12.07 | 8.12 | 1.67 | 7.48 |  | 4/1/1996 |
| Total PE \& RE | 845,444,765.8 | 11.3 | 1.93 | 4.19 | 11.11 | 12.08 | 0.44 | 9.23 | 8.33 | 4/1/1996 |
| Combined PE RE Benchmark |  |  | 1.63 | 6.55 | 16.12 | 13.19 | 4.30 | 9.88 |  | 4/1/1996 |


| Account Name Benchmark Name | Market Value | \% of Total | YTD | Month | Cumulative |  | 2012 | 2011 | 2010 | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{aligned} & 11 / 1 / 2012- \\ & 11 / 30 / 2012 \end{aligned}$ | $\begin{aligned} & \text { 10/1/2012 - } \\ & 10 / 31 / 2012 \end{aligned}$ |  |  |  |  |
| SSGA R3000 INDEX | 1,616,288,732.1 | 21.6 |  | 1.23 | 0.77 | -1.72 |  |  |  | 10/1/2012 |
| Russell 3000 Index |  |  |  | 1.23 | 0.77 | -1.72 |  |  |  | 10/1/2012 |
| US Public Equity | 1,616,288,888.9 | 21.6 | 15.66 | 1.23 | 0.77 | -1.72 | 15.66 | -0.86 | 17.33 | 8/1/2007 |
| Russell 3000 Index |  |  | 16.42 | 1.23 | 0.77 | -1.72 | 16.42 | 1.03 | 16.93 | 8/1/2007 |
| SSGA MSCI EAFE | 1,161,904,089.5 | 15.5 |  | 3.20 | 2.42 | 0.85 |  |  |  | 9/1/2012 |
| MSCI EAFE Net Dividend Index |  |  |  | 3.20 | 2.42 | 0.83 |  |  |  | 9/1/2012 |
| SSGA MSCI CANADA | 133,216,080.4 | 1.8 |  | 1.60 | -0.43 | -0.32 |  |  |  | 9/1/2012 |
| MSCI Canada Net Dividend Index |  |  |  | 1.53 | -0.48 | -0.37 |  |  |  | 9/1/2012 |
| SSGA MSCI EM | 442,785,255.8 | 5.9 |  | 5.05 | 1.28 | -0.63 |  |  |  | 9/1/2012 |
| MSCI Emerging Markets Net Dividend Index |  |  |  | 4.89 | 1.27 | -0.61 |  |  |  | 9/1/2012 |
| Non-US Public Equity | 1,737,923,393.9 | 23.2 | $17.02$ | $3.54$ | 1.90 | 0.38 | 17.02 | -13.47 | 11.26 | 5/1/2009 |
| Total International Equity BM |  |  | $16.52$ | $3.47$ | 1.91 | 0.39 | 16.52 | -12.14 | 7.75 | 5/1/2009 |
| Global Public Equity | 3,354,212,282.9 | 44.8 | 17.82 | 2.41 | 1.35 | -0.66 | 17.82 | -5.16 | 15.37 | 7/1/2000 |
| MSCI All Country World Net Index |  |  | 16.13 | 2.27 | 1.28 | -0.67 | 16.13 | -7.35 | 12.67 | 7/1/2000 |
| Private Equity | 575,842,348.8 | 7.7 | 11.77 | 1.36 | 1.38 | -0.27 | 11.77 | 12.37 | 14.00 | 1/1/1993 |
| $S \& P+300 B P$ |  |  | 19.44 | 1.15 | 0.83 | -1.60 | 19.44 | 5.17 | 18.48 | 1/1/1993 |
| Equity Hedge Funds | 546,321,025.2 | 7.3 | 7.98 | 0.76 | 1.29 | 0.44 | 7.98 |  |  | 11/1/2011 |
| HFRX Equity Hedge Index |  |  | 4.81 | 0.44 | 0.49 | 0.43 | 4.81 |  |  | 11/1/2011 |
| Total Equity | 4,476,375,656.9 | 59.8 | 15.88 | 2.07 | 1.34 | -0.48 | 15.88 | -2.89 | 15.42 | 6/1/1996 |
| MACKAY SHIELDS | 547,980,262.7 | 7.3 |  | 0.05 | 0.09 |  |  |  |  | 11/1/2012 |
| Barclays U.S. Aggregate Bond Index |  |  |  | -0.14 | 0.16 |  |  |  |  | 11/1/2012 |
| PYRAMIS GLOBAL ADV | 551,182,515.7 | 7.4 |  | -0.12 | 0.31 |  |  |  |  | 11/1/2012 |
| Barclays U.S. Aggregate Bond Index |  |  |  | -0.14 | 0.16 |  |  |  |  | 11/1/2012 |
| US Traditional Fixed Income | 1,099,747,683.6 | 14.7 | 7.95 | -0.05 | 0.27 | 0.54 | 7.95 | 5.50 | 6.05 | 7/1/2000 |
| Barclays U.S. Aggregate Bond Index |  |  | 4.21 | -0.14 | 0.16 | 0.20 | 4.21 | 7.84 | 6.54 | 7/1/2000 |
| Credit Hedge Funds | 139,827,422.2 | 1.9 | -0.02 | 0.29 | 0.00 | 0.15 | -0.02 |  |  | 12/1/2011 |
| Barclays U.S. Aggregate Bond Index |  |  | 4.21 | -0.14 | 0.16 | 0.20 | 4.21 |  |  | 12/1/2011 |

## TOTAL NET OF FEES

12/31/2012

| Account Name Benchmark Name | Market Value | \% of Total | YTD | Month | Cumulative |  | 2012 | 2011 | 2010 | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{aligned} & 11 / 1 / 2012- \\ & 11 / 30 / 2012 \end{aligned}$ | $\begin{aligned} & \text { 10/1/2012 - } \\ & 10 / 31 / 2012 \end{aligned}$ |  |  |  |  |
| Absolute Return Hedge Funds | 375,917,264.4 | 5.0 | 7.13 | 1.73 | 1.19 | 0.09 | 7.13 |  |  | 11/1/2011 |
| HFRI Fund of Funds Composite Index |  |  | 4.81 | 1.17 | 0.45 | -0.28 | 4.81 |  |  | 11/1/2011 |
| Real Return Hedge Funds | 515,744,686.5 | 6.9 | 5.33 | 1.33 | 0.86 | 0.11 | 5.33 |  |  | 11/1/2011 |
| BROWN BROTHERS HARR | 395,860,134.8 | 5.3 |  | 0.32 | 1.45 |  |  |  |  | 11/1/2012 |
| Barclays World Govt Inflation-Linked All Maturities USD Hedg |  |  |  | -0.02 | 1.33 |  |  |  |  | 11/1/2012 |
| Inflation-Linked Bonds | 395,860,134.8 | 5.3 | 9.20 | 0.32 | 1.45 | 0.52 | 9.20 | 13.80 | 6.00 | 11/1/2009 |
| Barclays World Govt Inflation-Linked All Maturities USD Hedg |  |  | 5.60 | -0.02 | 1.33 | 0.45 | 5.60 | 11.08 | 5.43 | 11/1/2009 |
| Real Estate | 269,602,416.9 | 3.6 | 9.62 | 3.21 | -1.36 | 0.67 | 9.62 | 17.14 | 3.74 | 1/1/2005 |
| NCREIF Property Lagged + 100bp |  |  | 12.00 | 2.40 | 0.07 | 0.07 | 12.00 | 17.10 | 6.84 | 1/1/2005 |
| ERSRI CASH 1 | 671,347,268.0 | 9.0 | 0.11 | 0.04 | -0.10 | 0.02 | 0.11 | 0.16 | 0.19 | 7/1/2000 |
| BofA Merrill Lynch 3 Month US Treasury Bill (G0O1) |  |  | 0.11 | 0.02 | 0.02 | 0.01 | 0.11 | 0.10 | 0.13 | 7/1/2000 |
| Total Cash | 672,332,415.0 | 9.0 | 0.18 | 0.04 | -0.10 | 0.09 | 0.18 | 0.14 | 0.18 | 4/1/2004 |
| Russell Overlay Fd | 45,826,946.7 | 0.6 | 0.18 | 0.04 | 0.02 | -0.02 | 0.18 | -0.78 | 0.21 | 9/1/2008 |
| Total Plan 2 | 7,482,887,468.2 | 100.0 | 12.49 | 1.50 | 0.95 | -0.14 | 12.49 | 1.39 | 12.07 | 7/1/2000 |
| Total Plan Benchmark |  |  | 11.80 | 1.30 | 0.64 | -0.40 | 11.80 | 1.55 | 12.24 | 7/1/2000 |
| Total Plan ex Citizens | 7,481,902,321.2 | 100.0 |  | 1.50 | 0.95 |  |  |  |  | 11/1/2012 |
| Total Plan Benchmark |  |  |  | 1.30 | 0.64 |  |  |  |  | 11/1/2012 |
| Total Plan ex Overlay | 7,437,060,521.5 | 99.4 | 12.39 | 1.46 | 0.93 | -0.12 | 12.39 | 0.98 | 12.07 | 8/1/2008 |
| Total Plan Benchmark |  |  | 11.80 | 1.30 | 0.64 | -0.40 | 11.80 | 1.55 | 12.24 | 8/1/2008 |
| Total Plan ex PE \& RE | 6,637,442,702.4 | 88.7 | 11.25 | 1.44 | 1.01 | -0.16 | 11.25 | -0.19 | 12.12 | 4/1/1996 |
| Total Plan BM ex PE RE |  |  | 12.07 | 1.22 | 0.69 | -0.55 | 12.07 | 0.66 | 12.03 | 4/1/1996 |
| Total PE \& RE | 845,444,765.8 | 11.3 | 11.11 | 1.93 | 0.52 | 0.02 | 11.11 | 13.89 | 11.27 | 4/1/1996 |
| Combined PE RE Benchmark |  |  | 16.12 | 1.63 | 0.50 | -0.96 | 16.12 | 9.86 | 13.68 | 4/1/1996 |


| 1 | RI6F01000002 | ERSRI CASH | November performance reflects write-down of $\$ 678 \mathrm{k}$ accrual. Accrual was overstated at prior custodian. |
| :--- | :--- | :--- | :--- |
| 2 | RI6G23000000 | Total Plan | YTD - Calendar Year to Date |
|  |  | Month - Current Month |  |
|  |  | Cumulative Months - Prior Month and Second Prior Month |  |
|  |  | $2011,2010,2009-C a l e n d a r ~ Y e a r s ~$ |  |

Employees' Retirement System of the State of Rhode Island
Hedge Fund Portfolio
Portfolio Performance Summary
ClIFFWATERuc
Estimated as of December 31, 2012

|  |  |  |  |  |  | Returns |  |  |  |  | Sharpe | Incep |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fund | Market Value | Actual \% | Dec | YTD | FYTD | 1 Year | 3 Year | 5 Year | Incep | Std Dev | Ratio | Date |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II LP | 60,898,563 | 5.7\% | 0.07\% | 2.11\% | -0.32\% | 2.11\% | - | - | 1.28\% | 1.40\% | 0.60 | Nov-11 |
| Davidson Kempner Institutional Partners, L.P. | 64,887,241 | 6.1\% | 0.69\% | 7.80\% | 4.45\% | 7.80\% | - | - | 6.94\% | 1.41\% | 4.47 | Nov-11 |
| Elliott Associates, L.P. | 66,924,451 | 6.3\% | 1.30\% | 13.81\% | 8.41\% | 13.81\% | - | - | 9.81\% | 4.34\% | 2.09 | Nov-11 |
| Indus Asia Pacific Fund, LP | 42,738,954 | 4.0\% | 2.20\% | 6.85\% | 6.49\% | 6.85\% | - | - | 6.85\% | 6.49\% | 0.99 | Jan-12 |
| Mason Capital Ltd. | 56,844,087 | 5.4\% | 0.84\% | -5.26\% | -4.19\% | -5.26\% | - | - | -5.26\% | 4.63\% | -1.23 | Jan-12 |
| PFM Diversified Fund, L.P. | 30,497,938 | 2.9\% | 1.34\% | - | 8.49\% | - | - | - | 1.66\% | 7.32\% | - | Mar-12 |
| PFM Diversified Offshore Fund A.I., Ltd. | 30,402,841 | 2.9\% | 1.38\% | - | 8.34\% | - | - | - | 1.34\% | 7.34\% | - | Mar-12 |
| Samlyn Onshore Fund, L.P. | 65,715,811 | 6.2\% | -0.24\% | 9.53\% | 6.95\% | 9.53\% | - | - | 9.53\% | 5.07\% | 1.74 | Jan-12 |
| Third Point Partners Qualified L.P. | 59,711,640 | 5.6\% | 3.50\% | 19.42\% | 15.58\% | 19.42\% | - | - | 19.42\% | 5.74\% | 3.07 | Jan-12 |
| Viking Global Equities, LP | 67,699,499 | 6.4\% | -0.50\% | 13.00\% | 5.57\% | 13.00\% | - | - | 11.79\% | 3.11\% | 3.47 | Dec-11 |
| Total Global Equities | 546,321,025 | 51.4\% | 0.94\% | 7.80\% | 5.50\% | 7.80\% | - | - | 5.83\% | 3.10\% | 1.71 | Nov-11 |
| MSCI AC World Index Free - Net |  |  | 2.27\% | 16.11\% | 9.91\% | 16.11\% | - | - | 10.55\% | 13.13\% | 0.80 | Nov-11 |
| Russell 3000 Index (DRI) |  |  | 1.23\% | 16.42\% | 6.50\% | 16.42\% | - | - | 14.45\% | 9.97\% | 1.36 | Nov-11 |
| HFRI Equity Hedge (Total) Index |  |  | 1.57\% | 7.39\% | 5.33\% | 7.39\% | - | - | 3.64\% | 7.36\% | 0.46 | Nov-11 |
| Real Return |  |  |  |  |  |  |  |  |  |  |  |  |
| BlueCrest Capital LP | 21,163,231 | 2.0\% | 0.48\% | 5.82\% | 3.39\% | 5.82\% | - | - | 5.82\% | 1.61\% | 3.26 | Jan-12 |
| Brevan Howard LP | 78,534,461 | 7.4\% | 1.46\% | 3.56\% | 7.46\% | 3.56\% | - | - | 4.03\% | 4.62\% | 0.78 | Nov-11 |
| Brigade Leveraged Capital Structures Fund LP | 52,270,919 | 4.9\% | 1.20\% | - | 3.02\% | - | - | - | 4.54\% | 1.60\% | - | Mar-12 |
| Capula Global Relative Value Fund Ltd. | 50,073,446 | 4.7\% | -0.02\% | 0.39\% | 1.17\% | 0.39\% | - | - | 0.14\% | 1.65\% | -0.17 | Dec-11 |
| DE Shaw Composite International Fund | 59,027,785 | 5.6\% | 3.60\% | 17.69\% | 11.69\% | 17.69\% | - | - | 15.29\% | 4.66\% | 3.00 | Nov-11 |
| Gracie Credit Opportunities Fund, L.P. | 37,457,232 | 3.5\% | -0.75\% | -5.33\% | -3.13\% | -5.33\% | - | - | -5.88\% | 3.66\% | -1.75 | Dec-11 |
| Graham Global Investment Fund Ltd. - Discretionary 6V Portfolio | 51,906,063 | 4.9\% | 1.73\% | 3.81\% | 3.33\% | 3.81\% | - | - | 3.81\% | 2.55\% | 1.31 | Jan-12 |
| OZ Domestic Partners II, L.P. | 83,857,498 | 7.9\% | 1.02\% | 12.42\% | 6.78\% | 12.42\% | - | - | 10.04\% | 2.63\% | 3.50 | Nov-11 |
| Wexford Spectrum Fund, LP | 52,115,766 | 4.9\% | 1.50\% | 4.23\% | 3.96\% | 4.23\% | - | - | 4.23\% | 4.23\% | 0.90 | Jan-12 |
| Winton Futures Fund Limited | 29,314,478 | 2.8\% | 1.36\% | -3.56\% | 0.58\% | -3.56\% | - | - | -2.11\% | 6.94\% | -0.34 | Dec-11 |
| Total Real Return | 515,720,878 | 48.6\% | 1.28\% | 5.33\% | 4.53\% | 5.33\% | - | - | 4.76\% | 2.02\% | 2.10 | Nov-11 |
| ML 3-month T-Bills |  |  | 0.02\% | 0.10\% | 0.07\% | 0.10\% | - | - | 0.09\% | 0.02\% | -16.97 | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | 1.60\% | 5.25\% | 4.23\% | 5.25\% | - | - | 3.12\% | 3.55\% | 0.76 | Nov-11 |
| Total Hedge Fund Portfolio | 1,062,041,904 | 100.0\% | 1.10\% | 6.58\% | 5.03\% | 6.58\% | - | - | 5.38\% | 2.33\% | 2.08 | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | 1.60\% | 5.25\% | 4.23\% | 5.25\% | - | - | 3.12\% | 3.55\% | 0.76 | Nov-11 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |
| Libor3Month |  |  | 0.03\% | 0.42\% | 0.18\% | 0.42\% | - | - | 0.44\% | 0.03\% | - | Nov-11 |
| Barclays Aggregate Bond Index |  |  | -0.14\% | 4.23\% | 1.82\% | 4.23\% | - | - | 4.51\% | 2.02\% | 1.98 | Nov-11 |
| Barclays High Yield Credit Bond Index |  |  | 1.58\% | 15.81\% | 7.97\% | 15.81\% | - | - | 13.84\% | 5.08\% | 2.50 | Nov-11 |
| S\&P 500 TR |  |  | 0.91\% | 15.99\% | 5.95\% | 15.99\% | - | - | 14.34\% | 9.78\% | 1.38 | Nov-11 |
| MSCI EAFE - Net |  |  | 3.20\% | 17.31\% | 13.94\% | 17.31\% | - | - | 8.99\% | 16.51\% | 0.58 | Nov-11 |
| MSCI EMF (Emerging Markets Free) - Net |  |  | 4.89\% | 18.23\% | 13.75\% | 18.23\% | - | - | 7.69\% | 19.72\% | 0.45 | Nov-11 |

Employees' Retirement System of the State of Rhode Island
Hedge Fund Porttolio
Fund Level Performance Repor
12/31/2012

| Fund | YTD | Dec | Nov | Oct | Trailing Returns |  |  | Calendar Year Returns |  |  |  |  | 5 Yr | Sharpe Ratio |  |  | Start Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1 Year | 3 Year | 5 Year | 2011 | 2010 | 2009 | 2008 | 2007 | Std Dev | 3 yr | 5 yr | Incep. |  |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II LP | 2.47\% | 0.07\% | -0.38\% | -0.53\% | 2.47\% | 0.76\% | 2.30\% | -3.02\% | 2.94\% | 13.61\% | -3.58\% | 15.36\% | 4.71\% | 0.11 | 0.32 | 0.90 | Jan-04 |
| Davidson Kempner Institutional Partners, LP | 6.75\% | 0.69\% | 0.53\% | 0.54\% | 6.75\% | 5.68\% | 4.81\% | 1.27\% | 9.17\% | 17.79\% | -9.03\% | 6.56\% | 4.82\% | 1.52 | 0.81 | 1.48 | Mar-96 |
| Elliott Associates, L.P. (HFR98) | 13.18\% | 1.30\% | 1.10\% | 0.90\% | 13.18\% | 8.10\% | 9.89\% | 3.94\% | 7.39\% | 30.85\% | -3.08\% | 32.07\% | 5.63\% | 2.34 | 1.55 | 1.81 | Feb-77 |
| Indus Asia Pacific Fund | 7.90\% | 2.20\% | 0.60\% | 0.50\% | 7.90\% | 2.45\% | -0.86\% | -7.18\% | 7.36\% | 25.45\% | -28.99\% | 33.49\% | 9.24\% | 0.31 | -0.15 | 0.74 | Dec-00 |
| Mason Capital, Ltd. | -5.64\% | 0.84\% | -0.66\% | -2.88\% | -5.64\% | 2.53\% | 2.67\% | 4.20\% | 9.62\% | 25.16\% | -15.42\% | 16.75\% | 8.41\% | 0.41 | 0.25 | 0.70 | Feb-02 |
| PFM Diversified Fund, LP | 5.62\% | 1.34\% | 3.29\% | 0.11\% | 5.62\% | 2.13\% | 3.95\% | -3.35\% | 4.36\% | 21.35\% | -6.10\% | 31.21\% | 7.16\% | 0.30 | 0.45 | 0.88 | Nov-04 |
| Samlyn Capital - Composite | 10.45\% | -0.24\% | 1.44\% | 1.68\% | 10.45\% | 2.27\% | 7.10\% | -5.05\% | 1.98\% | 23.57\% | 6.62\% | - | 8.92\% | 0.26 | 0.71 | 1.03 | Mar-07 |
| Third Point Partners L.P. | 21.12\% | 3.50\% | 2.70\% | 2.40\% | 21.12\% | 19.46\% | 9.60\% | -0.54\% | 41.52\% | 38.14\% | -32.84\% | 16.61\% | 14.51\% | 1.64 | 0.64 | 1.24 | Jun-95 |
| Viking Global Equities | 12.68\% | -0.50\% | 0.70\% | 1.24\% | 12.68\% | 7.96\% | 8.29\% | 7.71\% | 3.67\% | 19.20\% | -0.73\% | 38.97\% | 7.25\% | 1.28 | 1.01 | 1.46 | Oct-99 |
| Real Return |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BlueCrest Capital International Limited | 5.83\% | 0.48\% | 0.46\% | -0.05\% | 5.83\% | 8.20\% | 14.37\% | 6.10\% | 12.80\% | 45.41\% | 6.26\% | 10.80\% | 5.35\% | 2.83 | 2.38 | 1.84 | Dec-00 |
| Brigade Leveraged Capital Structures Fund | 6.85\% | 1.28\% | 0.22\% | 0.11\% | 6.85\% | 5.66\% | 6.42\% | 2.55\% | 7.66\% | 39.64\% | -17.14\% | 10.15\% | 7.61\% | 1.87 | 0.74 | 0.78 | Jan-07 |
| Brevan Howard L.P. (Series B) | 3.43\% | 1.46\% | 0.81\% | -0.36\% | 3.43\% | 5.13\% | 10.14\% | 11.33\% | 0.92\% | 17.10\% | 19.14\% | 23.60\% | 7.30\% | 0.95 | 1.24 | 1.30 | Sep-05 |
| Capula Global Relative Value Fund Limited | 0.33\% | -0.02\% | 0.49\% | -0.24\% | 0.33\% | 5.30\% | 7.48\% | 6.19\% | 9.58\% | 12.24\% | 9.45\% | 18.00\% | 5.12\% | 1.99 | 1.26 | 1.60 | Oct-05 |
| DE Shaw Composite International Fund | 14.05\% | 2.80\% | 3.30\% | 0.30\% | 14.05\% | 6.30\% | 5.61\% | 3.69\% | 1.56\% | 21.31\% | -9.81\% | 7.15\% | 6.75\% | 1.22 | 0.71 | 1.36 | Mar-01 |
| Gracie Credit Opportunities Fund L.P. | -5.37\% | -0.75\% | -0.85\% | 0.50\% | -5.37\% | -0.36\% | 6.27\% | 0.10\% | 4.44\% | 16.18\% | 17.94\% | 18.45\% | 6.25\% | -0.21 | 0.86 | 1.15 | Jul-04 |
| Graham Discretionary - 6V Portfolio | 3.80\% | 1.73\% | 0.57\% | -0.37\% | 3.80\% | 4.81\% | 7.94\% | 3.56\% | 7.10\% | 17.13\% | 8.66\% | -6.88\% | 4.73\% | 1.67 | 1.45 | 0.83 | Jun-04 |
| OZ Master Fund, Ltd | 11.13\% | 1.02\% | 0.46\% | 0.86\% | 11.13\% | 6.27\% | 4.44\% | -0.48\% | 8.52\% | 23.11\% | -15.92\% | 11.48\% | 6.00\% | 1.67 | 0.60 | 1.68 | Apr-94 |
| Wexford Spectrum Fund, L.P. | 4.23\% | 1.50\% | 0.56\% | 0.58\% | 4.23\% | 2.96\% | 4.22\% | -3.44\% | 8.45\% | 30.76\% | -13.87\% | 13.03\% | 9.56\% | 0.42 | 0.39 | 0.94 | Apr-97 |
| Winton Futures Fund - USD Class B | -3.57\% | 1.35\% | 1.00\% | -2.54\% | -3.57\% | 5.47\% | 6.25\% | 6.29\% | 14.47\% | -4.64\% | 21.01\% | 17.97\% | 9.35\% | 0.65 | 0.60 | 0.71 | Oct-97 |
| Benchmarks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HFRI Fund of Funds Composite Index | 5.25\% | 1.60\% | 0.44\% | -0.28\% | 5.25\% | 1.60\% | -1.67\% | -5.72\% | 5.70\% | 11.47\% | -21.37\% | 10.25\% | 6.42\% | 0.29 | -0.37 | 0.60 | Jan-90 |
| HFRI Fund Weighted Composite Index | 6.16\% | 1.26\% | 0.41\% | -0.40\% | 6.16\% | 3.50\% | 1.50\% | -5.25\% | 10.25\% | 19.98\% | -19.03\% | 9.96\% | 7.75\% | 0.53 | 0.11 | 1.00 | Jan-90 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Month Libor - BOM | 0.42\% | 0.03\% | 0.03\% | 0.03\% | 0.42\% | 0.37\% | 0.90\% | 0.35\% | 0.35\% | 0.65\% | 2.79\% | 5.25\% | 0.29\% |  |  |  | Mar-86 |
| Barclays Aggregate Bond Index | 4.23\% | -0.14\% | 0.16\% | 0.20\% | 4.23\% | 6.21\% | 5.96\% | 7.86\% | 6.56\% | 5.93\% | 5.24\% | 6.96\% | 3.53\% |  |  |  | Jan-76 |
| Barclays High Yield Credit Bond Index | 15.81\% | 1.58\% | 0.80\% | 0.88\% | 15.81\% | 11.86\% | 10.33\% | 4.98\% | 15.11\% | 58.21\% | -26.15\% | 1.88\% | 14.06\% |  |  |  | Jul-83 |
| S\&P 500 (TR) | 16.00\% | 0.91\% | 0.58\% | -1.85\% | 16.00\% | 10.87\% | 1.66\% | 2.11\% | 15.06\% | 26.46\% | -37.00\% | 5.49\% | 19.04\% |  |  |  | Jan-70 |
| MSCI EAFE - Net - USD | 17.32\% | 3.20\% | 2.42\% | 0.83\% | 17.32\% | 3.56\% | -3.69\% | -12.14\% | 7.75\% | 31.78\% | -43.38\% | 11.17\% | 23.47\% |  |  |  | Dec-69 |
| MSCI EM (EMERGING MARKETS) - Net - USD | 18.22\% | 4.89\% | 1.27\% | -0.61\% | 18.22\% | 4.66\% | -0.92\% | -18.42\% | 18.88\% | 78.51\% | -53.33\% | 39.42\% | 29.04\% |  |  |  | Jan-99 |

Note: The above is manager composite history

## Private Equity Statistics - December 2012






## Real Estate Statistics - December 2012






## Section VII.

## Cash Flow

## Monthly Valuation Change

## BNY MELLON

Period: 01-Dec-2012-31-Dec-2012


## Monthly Valuation Change

Period : 01-Dec-2012-31-Dec-2012


## Custodian Inception To Date Valuation Change

## BNY MELLON

Period : 11/01/2012-12/31/2012


Period : 11/01/2012-12/31/2012


Employees Retirement System

| FISCAL YEAR 2013 | FY 2012-13 <br> Actual <br> July <br> 2012 |  |  |  |  |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual August | Actual September | Actual October | Actual November | $\begin{aligned} & \text { Actual } \\ & \text { December } \end{aligned}$ | Projected January 2013 | Projected February | Projected March | Projected April | $\begin{gathered} \text { Projected } \\ \text { May } \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ |  |
| MEMBER BENEFITS | 69,405,592 | 70,338,986 | 70,150,727 | 69,952,061 | 69,849,685 | 69,843,970 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 839,541,020 |
| ADMINISTRATIVE EXPENSES | 287,720 | 705,326 | 541,540 | 442,410 | 611,739 | 617,477 | 566,091 | 729,552 | 1,080,787 | 568,054 | 474,315 | 897,153 | 7,522,163 |
| INVESTMENT <br> EXPENSES | 954,598 | 209,630 | 334,436 | 1,078,332 | 85,286 | 445,386 | 501,413 | 228,446 | 666,823 | 405,876 | 173,652 | 420,419 | 5,504,297 |
| total outalow | 70,647,910 | 71,253,942 | 71,026,703 | 71,472,802 | 70,546,710 | 70,906,833 | 71,067,504 | 70,957,998 | 71,747,610 | 70,973,930 | 70,647,967 | 71,317,572 | 852,567,480 |
| Contributions | 53,930,531 | 28,770,623 | 21,497,658 | 35,941,474 | 27,947,918 | 41,301,246 | 49,365,444 | 44,163,220 | 54,087,522 | 42,467,147 | 44,302,044 | 46,667,601 | 490,442,428 |
| OTHER INCOME* | 5,459,146 | 2,906,960 | 7,523,067 | 7,613,442 | 8,735,970 | 9,530,600 | 4,447,436 | 6,041,223 | 5,261,846 | 990,900 | 7,436,249 | 11,059,760 | 77,006,599 |
| total income | 59,389,677 | 31,677,583 | 29,020,725 | 43,554,916 | 36,683,888 | 50,831,846 | 53,812,880 | 50,204,443 | 59,349,368 | 43,458,047 | 51,738,293 | 57,727,361 | 567,449,027 |
| DIFFERENCE | (11,258,232) | $(39,576,359)$ | $(42,005,978)$ | $(27,917,885)$ | $(33,862,822)$ | $(20,074,986)$ | $(17,254,623)$ | $(20,753,556)$ | $(12,398,243)$ | $(27,515,883)$ | $(18,909,674)$ | $(13,590,211)$ | (285,118,452) |

Municipal Employees Retirement System

|  | $\begin{aligned} & \hline \text { Actual } \\ & \text { July } \\ & 2012 \\ & \hline \end{aligned}$ | Actual August | $\begin{gathered} \text { Actual } \\ \text { September } \end{gathered}$ | Actual October | $\begin{gathered} \text { Actual } \\ \text { November } \end{gathered}$ | $\begin{gathered} \text { Actual } \\ \text { December } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { January } \\ 2013 \\ \hline \end{gathered}$ | Projected February | Projected March | $\begin{gathered} \text { Projected } \\ \text { April } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { May } \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ | тоtal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 6,888,578 | 7,007,580 | 7,109,456 | 6,997,104 | 7,042,964 | 7,060,546 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 84,106,228 |
| ADMINISTRATIVE expenses | 56,172 | 138,204 | 106,647 | 87,420 | 121,378 | 122,747 | 109,377 | 141,222 | 209,477 | 110,375 | 92,345 | 174,971 | 1,470,336 |
| INVESTMENT EXPENSES | 186,366 | 41,076 | 65,861 | 213,079 | 16,922 | 88,538 | 96,880 | 44,221 | 129,243 | 78,864 | 33,809 | 81,994 | 1,076,852 |
| total outflow | 7,131,115 | 7,186,860 | 7,281,964 | 7,297,604 | 7,181,264 | 7,271,831 | 7,206,258 | 7,185,443 | 7,338,720 | 7,189,239 | 7,126,154 | 7,256,965 | 86,653,416 |
| contributions | 5,193,569 | 3,512,997 | 3,491,224 | 4,354,978 | 3,603,314 | 4,191,495 | 6,107,049 | 4,633,750 | 5,058,462 | 4,415,298 | 4,664,657 | 5,420,386 | 54,647,179 |
| OTHER INCOME* | 1,065,789 | 569,601 | 1,481,536 | 1,504,423 | 1,733,348 | 1,894,570 | 859,312 | 1,169,419 | 1,019,846 | 192,536 | 1,447,777 | 2,156,973 | 15,095,129 |
| total income | 6,259,358 | 4,082,598 | 4,972,760 | 5,859,401 | 5,336,662 | 6,086,065 | 6,966,361 | 5,803,169 | 6,078,308 | 4,607,834 | 6,112,434 | 7,577,359 | 69,742,308 |
| DIFFERENCE | $(871,758)$ | $(3,104,262)$ | $(2,309,204)$ | (1,438,203) | $(1,844,602)$ | $(1,185,765)$ | $(239,897)$ | (1,382,274) | $(1,260,412)$ | (2,581,405) | $(1,013,720)$ | 320,395 | $(16,911,108)$ |


| State Police <br> Retirement System | $\begin{gathered} \hline \text { Actual } \\ \text { July } \\ 2012 \\ \hline \end{gathered}$ | Actual August | $\begin{gathered} \text { Actual } \\ \text { September } \end{gathered}$ | Actual October | $\begin{gathered} \text { Actual } \\ \text { November } \end{gathered}$ | $\begin{aligned} & \text { Actual } \\ & \text { December } \end{aligned}$ | $\begin{gathered} \hline \text { Projected } \\ \text { January } \\ 2013 \\ \hline \end{gathered}$ | Projected February | Projected March | $\begin{aligned} & \text { Projected } \\ & \text { April } \end{aligned}$ | Projected May | Projected <br> June | тотal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 69,340 | 68,708 | 68,708 | 68,708 | 68,708 | 83,113 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 847,284 |
| ADMINISTRATIVE EXPENSES | 3,893 | 9,649 | 7,500 | 6,178 | 8,626 | 8,771 | 7,268 | 9,448 | 14,098 | 7,495 | 6,313 | 12,041 | 101,279 |
| INVESTMENT <br> EXPENSES | 12,918 | 2,868 | 4,632 | 15,059 | 1,203 | 6,327 | 6,438 | 2,958 | 8,698 | 5,355 | 2,311 | 5,642 | 74,409 |
| total outalow | 86,151 | 81,225 | 80,840 | 89,945 | 78,536 | 98,211 | 83,706 | 82,406 | 92,796 | 82,850 | 78,624 | 87,683 | 1,022,972 |
| contributions | 374,340 | 408,708 | 263,708 | 278,708 | 288,708 | 273,113 | 500,000 | 500,000 | 750,000 | 485,000 | 500,000 | 475,000 | 5,097,284 |
| OTHER INCOME* | 73,875 | 39,765 | 104,193 | 106,322 | 123,185 | 135,383 | 57,102 | 78,235 | 68,636 | 13,074 | 98,967 | 148,433 | 1,047,170 |
| total income | 448,215 | 448,473 | 367,901 | 385,030 | 411,893 | 408,496 | 557,102 | 578,235 | 818,636 | 498,074 | 598,967 | 623,433 | 6,144,454 |
| DIFFERENCE | 362,064 | 367,248 | 287,061 | 295,085 | 333,357 | 310,285 | 473,396 | 495,829 | 725,840 | 415,224 | 520,343 | 535,750 | 5,121,481 |


| Judicial <br> Retirement System | $\begin{aligned} & \text { Actual } \\ & \text { July } \end{aligned}$ $2012$ | Actual August | Actual September | $\begin{gathered} \text { Actual } \\ \text { October } \end{gathered}$ | $\begin{gathered} \hline \text { Actual } \\ \text { November } \end{gathered}$ | $\begin{gathered} \text { Actual } \\ \text { December } \end{gathered}$ | $\begin{gathered} \hline \text { Projected } \\ \text { January } \\ 2013 \\ \hline \end{gathered}$ | Projected February | Projected March | $\begin{gathered} \text { Projected } \\ \text { April } \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { May } \end{aligned}$ | $\begin{aligned} & \hline \text { Projected } \\ & \text { June } \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 120,887 | 120,887 | 120,887 | 120,887 | 120,887 | 120,887 | 121,000 | 121,000 | 121,000 | 121,000 | 121,000 | 121,000 | 1,451,324 |
| administrative <br> EXPENSES | 1,935 | 4,934 | 3,839 | 3,161 | 4,412 | 4,484 | 3,744 | 4,867 | 7,263 | 3,861 | 3,252 | 6,203 | 51,955 |
| INVESTMENT <br> EXPENSES | 6,618 | 1,466 | 2,370 | 7,705 | 615 | 3,235 | 3,316 | 1,524 | 4,481 | 2,759 | 1,191 | 2,907 | 38,186 |
| total outflow | 129,440 | 127,287 | 127,096 | 131,753 | 125,915 | 128,606 | 128,061 | 127,391 | 132,743 | 127,620 | 125,442 | 130,110 | 1,541,465 |
| Contributions | 200,887 | 325,887 | 210,887 | 215,887 | 210,887 | 215,887 | 191,000 | 206,000 | 276,000 | 196,000 | 196,000 | 196,000 | 2,641,324 |
| OTHER INCOME* | 37,848 | 20,337 | 53,324 | 54,401 | 63,011 | 69,215 | 29,416 | 40,303 | 35,358 | 6,735 | 50,983 | 76,466 | 537,397 |
| total income | 238,735 | 346,224 | 264,211 | 270,288 | 273,899 | 285,102 | 220,416 | 246,303 | 311,358 | 202,735 | 246,983 | 272,466 | 3,178,721 |
| DIFFERENCE | 109,295 | 218,937 | 137,115 | 138,535 | 147,984 | 156,496 | 92,356 | 118,912 | 178,614 | 75,115 | 121,540 | 142,356 | 1,637,256 |

[^1]| FISCAL YEAR 2013 <br> ERSRI \& MERSRI | INVESTMEN <br> ACCRUAL BAS | ANAGER | E, PROFE | ONAL FEES | OPERATIN | Expenses |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> Jul 12 | $\begin{gathered} \text { Actual } \\ \text { Aug } \\ \hline \end{gathered}$ | Actual Sept | Actual Oct | $\begin{gathered} \text { Projected } \\ \text { Nov } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Dec } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Jan } 13 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Feb } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Mar } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Apr } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { May } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { June } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { TOTAL } \end{gathered}$ |
| equities |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SSgA Russell 1000/S\& ZU14 |  |  | 27,895 |  |  | 40,866 |  |  | 40,498 |  |  | 45,000 | 154,259 |
| SSGA Russell 2000 ZU06 |  |  | 18,522 |  |  | 28,140 |  |  | 28,019 |  |  | 30,000 |  |
| Shott Capital ZU49 |  |  | 1,164 |  |  | 1,592 |  |  | 1,522 |  |  | 1,700 | 5,979 |
| Wellington Tech Eq ZU04 |  |  |  |  |  | 310,389 |  |  | 376,641 |  |  | 350,000 | 1,037,030 |
|  |  |  | 47,581 |  |  | 380,987 |  |  | 446,681 |  |  | 426,700 | 1,197,268 |
| FIXED INCOME |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brown Bros. $\quad$ zU44 |  |  | 183,058 |  |  | 173,397 |  |  | 176,758 |  |  | 167,000 | 700,212 |
| Pyramis ZU46 |  |  | 141,905 |  |  | 157,589 |  |  | 139,160 |  |  | 140,446 | 579,100 |
| Taplin $\quad$ UU84 |  |  | 205,941 |  |  | 4,567 |  |  | 198,244 |  |  | 201,399 | 610,151 |
| Mackay Shields ZU59 |  |  | 210,820 |  |  | 190,881 |  |  | 199,536 |  |  | 185,000 | 786,237 |
| Brown Bros.tIPS ZU69 |  |  | $\frac{108,086}{849,810}$ |  |  | $\frac{114,716}{641,150}$ |  |  | $\frac{103,456}{817,154}$ |  |  | $\frac{115,000}{808,844}$ | $\frac{441,257}{3,116,958}$ |
| int'l equities |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SSgA MSCI ACWI ZU08 | 0 |  | $\frac{97,138}{97,138}$ | 0 |  | $\frac{141,598}{141,598}$ |  |  | $\frac{152,271}{152,271}$ |  |  | $\frac{165,000}{165,000}$ | $\frac{556,007}{556,007}$ |
| real estate |  |  |  |  |  |  |  |  |  |  |  |  |  |
| L \& B Real Estate ZU79 | 129,888 | 122,709 | 79,437 | 802,275 | 0 | 197,115 | 126,079 | 230,671 | 82,336 | 125,166 | 121,978 | 96,354 | 2,114,008 |
| alternative investments | 1,030,612 | 132,331 | 327,863 | 511,900 | 104,026 | 346,370 | 481,969 | 46,479 | 726,909 | 367,688 | 88,984 | 414,608 | 4,579,738 |
| SUB total-inv mgat fees | 1,160,500 | 255,040 | 1,401,829 | 1,314,175 | 104,026 | 1,707,219 | 608,048 | 277,150 | 2,225,351 | 492,854 | 210,962 | 1,911,506 | 11,563,979 |
| PROFESSIONAL FEES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Legal | 5,829 | 4,894 | 7,054 | 0 | 4,144 | 24,357 | 0 | 18,031 | 7,542 | 973 | 0 | 3,806 | 76,630 |
| St St BankBNY Mellon - CustCliffwaterZU76 | 60,268 | 62,284 | 60,084 | 59,995 | 60,582 | 60,714 | 61,869 | 63,476 | 63,057 | 62,408 | 61,653 | 61,306 | 737,697 |
|  | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 450,000 |
| PCA/Russell | 13,125 | 13,125 | 96,607 | 13,125 | 13,125 | 68,944 | 13,125 | 13,125 | 67,362 | 13,125 | 13,125 | 13,125 | 351,041 |
| PCA Real Estate | $\begin{aligned} & 10,417 \end{aligned}$ | $10,417$ | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 125,003 |
|  | 127,139 | 128,220 | 211,662 | 121,037 | 125,768 | 201,932 | 122,911 | 142,550 | 185,878 | 124,423 | 122,695 | 126,154 | 1,740,371 |
| OPERATING EXPENSE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retirement Transfers <br> Other Expense | 202,402 | 724,514 | 466,139 | 517,108 | 571,641 | 545,622 | 560,824 | 764,161 | 1,063,383 | 574,404 | 456,372 | 818,188 | 7,264,758 |
|  | $202,40 \frac{0}{2}$ | $\begin{array}{r} 7,150 \\ 731,664 \end{array}$ | $\begin{array}{r} \frac{5,925}{472,064} \end{array}$ | $517,10 \frac{0}{8}$ | $\begin{array}{r} 6,250 \\ 577,891 \end{array}$ | $\begin{array}{r} 5,925 \\ 551,547 \end{array}$ | $\begin{array}{r} 6,250 \\ 567,074 \end{array}$ | $\begin{array}{r} 5,700 \\ 769,861 \end{array}$ | $1,063,38 \frac{0}{3}$ | $\begin{array}{r} 4,500 \\ 578,904 \end{array}$ | $\begin{array}{r} 6,250 \\ 462,622 \end{array}$ | $\frac{5,700}{823,888}$ | $\frac{53,650}{7,318,408}$ |

тотAL:
Note: Numbers in bold are actual.

## Section VIII.

## Short-Term Investments

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


| Vendor | CP | CD | Agency | Money Mkt | PIP | Repo | GID | OSIP | Total (\$) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Guidelines-Total/Vendor | 25\%/10\% | 50\%/20\% | 75\%/35\% | 75\%/35\% | 75\%/35\% | 100\%/20\% | 75\%/35\% | 50\%/50\% |  |
| OSIP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201,472,104 | 201,472,104 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 43\% | 43.31\% |
| Bank RI | 0 | 15,057,631 | 0 | 0 | 0 | 0 | 0 | 0 | 15,057,631 |
|  | 0\% | 3\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 3.24\% |
| Sovereign Bank | 0 | 0 | 0 | 0 | 122,017,405 | 0 | 0 | 0 | 122,017,405 |
|  | 0\% | 0\% | 0\% | 0\% | 26\% | 0\% | 0\% | 0\% | 26.23\% |
| 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 | 3,228,006 | 0 | 0 | 0 | 3,228,006 |
|  | 0\% | 0\% | 0\% | 0\% | 1\% | 0\% | 0\% | 0\% | 0.69\% |
| Webster Bank | 0 | 0 | 0 | 0 | 73,271,060 | 0 | 0 | 0 | 73,271,060 |
|  | 0\% | 0\% | 0\% | 0\% | 16\% | 0\% | 0\% | 0\% | 15.75\% |
| Oppenheimer Inc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Washington Trust | 0 | 25,145,053 | 0 | 25,011,815 | 0 | 0 | 0 | 0 | 50,156,868 |
|  | 0\% | 5\% | 0\% | 5\% | 0\% | 0\% | 0\% | 0\% | 10.78\% |
| TOTALS | - | 40,202,684 | - | 25,011,815 | 198,516,471 | - | - | 201,472,104 | 465,203,073 |
| (\%) PORTFOLIO | 0.00\% | 8.76\% | 0.00\% | 5.45\% | 40.24\% | 0.00\% | 0.00\% | 45.55\% | 100.00\% |

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

December 01, 2012 to December 31, 2012


## Section IX.

## 457 Plans

## State of Rhode Island Total Assets 457 Plans

| Plan Provider |  | 3/31/2012 |  | 6/30/2012 |  | 9/30/2012 |  | 12/31/2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valic | \$ | 47,688,848.77 |  | 46,994,535.83 |  | 47,704,868.43 |  | 47,545,059.30 |
| Fidelity | \$ | 78,343,734.74 | \$ | 76,449,768.55 |  | 80,840,890.74 |  | 81,326,449.93 |
| ING | \$ | 107,030,165.15 |  | 106,089,472.87 |  | 110,196,585.14 |  | 111,464,941.54 |
| Total |  | 233,062,748.66 |  | 229,533,777.25 |  | 238,742,344.31 |  | 240,336,450.77 |

## 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 yr | 3 yr | 5 yr | 10 yr |
| DOW JONES 30 INDUSTRIAL AVERAGE | 12/31/2012 | 0.79 | -1.74 | 10.24 | 12/31/2012 | 10.24 | 10.87 | 2.62 | 7.32 |
| NASDAQ COMPOSITE INDEX | 12/31/2012 | 0.63 | -2.46 | 17.76 | 12/31/2012 | 17.76 | 11.34 | 3.79 | 9.47 |
| BARCLAYS CAPITAL U.S. AGGREGATE BOND INDEX | 12/31/2012 | -0.14 | 0.21 | 4.21 | 12/31/2012 | 4.21 | 6.19 | 5.95 | 5.18 |
| RUSSELL 2000 INDEX | 12/31/2012 | 3.56 | 1.85 | 16.35 | 12/31/2012 | 16.35 | 12.25 | 3.56 | 9.72 |
| STANDARD \& POOR'S $500^{\text {™ }}$ INDEX | 12/31/2012 | 0.91 | -0.38 | 16.00 | 12/31/2012 | 16.00 | 10.87 | 1.66 | 7.10 |


|  | 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 | 12/31/2012 | 0.19 | -1.59 | 16.26 | 12/31/2012 | 16.26 | 10.73 | 1.97 | 9.68 | 12.15 | - | $\begin{gathered} 0.81 \% \text { on } \\ 02 / 29 / 2012 \end{gathered}$ | 05/17/1967 |
| FID LARGE CAP STOCK | 12/31/2012 | 2.12 | 1.07 | 20.71 | 12/31/2012 | 20.71 | 11.97 | 2.11 | 7.33 | 7.00 | - | $\begin{aligned} & 1.03 \% \text { on } \\ & 06 / 29 / 2012 \end{aligned}$ | 06/22/1995 |
| FID NEW MILLEN | 12/31/2012 | 1.69 | -0.43 | 15.66 | 12/31/2012 | 15.66 | 12.14 | 3.40 | 9.44 | 13.20 | - | $\begin{aligned} & 1.00 \% \text { on } \\ & 01 / 28 / 2012 \end{aligned}$ | 12/28/1992 |
| INVS DIVRS DIVD INV | 12/31/2012 | 1.14 | 2.12 | 17.22 | 12/31/2012 | 17.22 | 10.45 | 4.06 | - | 5.16 | - | $\begin{aligned} & 0.90 \% \text { on } \\ & 04 / 30 / 2012 \end{aligned}$ | 07/15/2005 |
| SPTN 500 INDEX ADV | 12/31/2012 | 0.90 | -0.38 | 15.97 | 12/31/2012 | 15.97 | 10.83 | 1.65 | 7.05 | 9.34 | - | $\begin{aligned} & 0.07 \% \text { on } \\ & 01 / 01 / 2013 \end{aligned}$ | 02/17/1988 |
| Mid-Cap |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FID LOW PRICED STK | 12/31/2012 | 2.98 | 3.21 | 18.50 | 12/31/2012 | 18.50 | 12.65 | 4.88 | 11.17 | 13.97 | 1.5 \% I <br> 90days | $\begin{aligned} & 0.88 \% \text { on } \\ & 09 / 29 / 2012 \end{aligned}$ | 12/27/1989 |
| SPTN MID CAP IDX ADV | 12/31/2012 | 2.26 | 2.86 | 17.16 | 12/31/2012 | 17.16 | - | - | - | 16.56 | .75 \% I <br> 30days | $\begin{aligned} & 0.22 \% \text { on } \\ & 01 / 01 / 2013 \end{aligned}$ | 09/08/2011 |
| Small Cap |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPTN SM CAP IDX ADV | 12/31/2012 | 3.55 | 1.92 | 16.32 | 12/31/2012 | 16.32 | - | - | - | 18.13 | 1.5 \% । <br> 90days | $\begin{gathered} 0.30 \% \text { on } \\ 01 / 01 / 2013 \end{gathered}$ | 09/08/2011 |
| International |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HARBOR INTL INV | 12/31/2012 | 3.41 | 7.70 | 20.41 | 12/31/2012 | 20.41 | 5.96 | -1.26 | 11.56 | 11.76 | 2 \% <br> 60days | $\begin{aligned} & 1.16 \% \text { on } \\ & 03 / 01 / 2012 \end{aligned}$ | 11/01/2002 |
| SPTN INTL INDEX ADV | 12/31/2012 | 3.99 | 7.57 | 18.78 | 12/31/2012 | 18.78 | 3.99 | -3.27 | 8.36 | 4.48 | $\begin{aligned} & 1 \% \text { I } \\ & 90 \text { days } \end{aligned}$ | $\begin{aligned} & 0.17 \% \text { on } \\ & 05 / 04 / 2012 \end{aligned}$ | 11/05/1997 |


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

Blended Investments*
Others

| FID FREEDOM K 2000 | 12/31/2012 | 0.30 | 0.47 | 6.44 | 12/31/2012 | 6.44 | 5.44 | - | - | 7.70 | - | $\begin{aligned} & 0.39 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FID FREEDOM K 2005 | 12/31/2012 | 0.51 | 0.51 | 8.77 | 12/31/2012 | 8.77 | 6.49 | - | - | 10.11 | - | $\begin{gathered} 0.46 \% \text { on } \\ 05 / 30 / 2012 \end{gathered}$ | 07/02/2009 |
| FID FREEDOM K 2010 | 12/31/2012 | 0.57 | 0.57 | 10.53 | 12/31/2012 | 10.53 | 7.23 | - | - | 11.04 | - | $\begin{aligned} & \text { 0.50\% on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2015 | 12/31/2012 | 0.70 | 0.62 | 10.81 | 12/31/2012 | 10.81 | 7.32 | - | - | 11.32 | - | $\begin{aligned} & 0.51 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2020 | 12/31/2012 | 0.77 | 0.69 | 11.86 | 12/31/2012 | 11.86 | 7.69 | - | - | 12.40 | - | $\begin{aligned} & 0.54 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2025 | 12/31/2012 | 0.97 | 0.75 | 13.26 | 12/31/2012 | 13.26 | 7.94 | - | - | 12.95 | - | $\begin{aligned} & 0.58 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2030 | 12/31/2012 | 0.94 | 0.72 | 13.65 | 12/31/2012 | 13.65 | 7.94 | - | - | 13.32 | - | $\begin{gathered} 0.59 \% \text { on } \\ 05 / 30 / 2012 \end{gathered}$ | 07/02/2009 |
| FID FREEDOM K 2035 | 12/31/2012 | 1.13 | 0.77 | 14.60 | 12/31/2012 | 14.60 | 7.87 | - | - | 13.46 | - | $\begin{aligned} & 0.62 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2040 | 12/31/2012 | 1.12 | 0.76 | 14.61 | 12/31/2012 | 14.61 | 7.85 | - | - | 13.61 | - | $\begin{aligned} & 0.62 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2045 | 12/31/2012 | 1.19 | 0.84 | 14.97 | 12/31/2012 | 14.97 | 7.90 | - | - | 13.73 | - | $\begin{aligned} & 0.63 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2050 | 12/31/2012 | 1.20 | 0.78 | 15.23 | 12/31/2012 | 15.23 | 7.81 | - | - | 13.79 | - | $\begin{aligned} & 0.64 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 07/02/2009 |
| FID FREEDOM K 2055 | 12/31/2012 | 1.26 | 0.86 | 15.39 | 12/31/2012 | 15.39 | - | - | - | 2.38 | - | $\begin{aligned} & 0.64 \% \text { on } \\ & 05 / 30 / 2012 \end{aligned}$ | 06/01/2011 |
| FID FREEDOM K INCOME | 12/31/2012 | 0.24 | 0.40 | 6.36 | 12/31/2012 | 6.36 | 5.36 | - | - | 7.50 | - | $\begin{gathered} 0.39 \% \text { on } \\ 05 / 30 / 2012 \end{gathered}$ | 07/02/2009 |

Bond Investments
Income

| PIMCO TOT RETURN ADM | 12/31/2012 | 0.23 | 1.10 | 10.08 | 12/31/2012 | 10.08 | 7.48 | 8.07 | 6.55 | 7.46 | - | $\begin{aligned} & 0.71 \% \text { on } \\ & 11 / 21 / 2012 \end{aligned}$ | 09/08/1994 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SPTN US BOND IDX ADV | 12/31/2012 | -0.15 | 0.08 | 4.17 | 12/31/2012 | 4.17 | 6.04 | 5.66 | 4.95 | 6.91 | - | $\begin{aligned} & 0.17 \% \text { on } \\ & 01 / 01 / 2013 \end{aligned}$ | 03/08/1990 |

## Short-Term Investments

## Others

| FID RETIRE MMKT | $12 / 31 / 2012$ | 0 | 0 | 0.01 | $12 / 31 / 2012$ | 0.01 | 0.01 | 0.71 | 1.83 | 3.78 | - | $0.42 \%$ on | $12 / 02 / 1988$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Other Investments

## Others

bROKERAGELINK

[^2]$\dagger$ 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 FDIC 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 NASDAO 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.

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## PERFORMANCE UPDATE

## ING Life Insurance and Annuity Company

## STATE OF RHODE ISLAND

## Average Annual Total Returns as of: 12/31/2012 (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 |  | Incept | Fund Inception Date | Gross Fund Exp \%* | Net Fund Exp \%* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM | Fund | BM |  |  |  |  |
| Stability of Principal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stability of Principal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Fixed Account - 457/401 (13)(14) | MFR | 0.25 | 0.00 | 0.75 | 0.01 | 3.00 | 0.03 | 3.00 | 0.03 | 3.28 | 0.03 | 3.52 | 0.50 | 4.03 | 1.55 |  |  |  |  |
| Bonds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High Yield Bond |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prudential High Yield Fund, Inc. - Class Z | BCUSHY2IC | 1.43 | 1.57 | 3.02 | 3.29 | 14.16 | 15.78 | 14.16 | 15.78 | 11.22 | 11.78 | 9.71 | 10.45 | 9.97 | 10.60 |  | 03/01/1996 | 0.62 | 0.62 |
| Inflation-Protected Bond |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PIMCO VIT Real Return Portfolio - Administrative Class | LBUSTIPS | -0.50 | -0.65 | 0.73 | 0.69 | 8.76 | 6.98 | 8.76 | 6.98 | 9.51 | 8.90 | 7.64 | 7.04 | 6.90 | 6.65 |  | 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 Fund 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 | 0.78 | -0.14 | 1.54 | 0.21 | 9.39 | 4.22 | 9.39 | 4.22 | 8.92 | 6.19 | 5.70 | 5.95 | 5.29 | 5.18 |  | 05/23/1973 | 0.50 | 0.50 |
| ING U.S. Bond Index Portfolio - Class I | LEHM | -0.24 | -0.14 | -0.02 | 0.21 | 3.85 | 4.22 | 3.85 | 4.22 | 5.72 | 6.19 |  |  |  |  | 5.52 | 03/04/2008 | 0.41 | 0.41 |
| Asset Allocation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lifecycle |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Solution 2015 Portfolio - Adviser Class (1) | SPT2015 | 0.90 | 1.14 | 0.90 | 1.60 | 11.14 | 10.33 | 11.14 | 10.33 | 6.87 | 7.81 | 1.70 | 2.98 |  |  | 3.90 | 04/29/2005 | 1.39 | 1.28 |
| ING Solution 2015 Portfolio - Initial Class (2) | SPT2015 | 0.97 | 1.14 | 1.06 | 1.60 | 11.70 | 10.33 | 11.70 | 10.33 | 7.42 | 7.81 | 2.20 | 2.98 |  |  | 4.44 | 04/29/2005 | 0.89 | 0.78 |
| ING Solution 2025 Portfolio - Initial Class (3) | SPT2025 | 1.65 | 1.62 | 1.56 | 2.12 | 13.83 | 12.50 | 13.83 | 12.50 | 8.03 | 8.49 | 1.06 | 2.40 |  |  | 4.19 | 04/29/2005 | 0.97 | 0.86 |
| ING Solution 2035 Portfolio - Initial Class (4) | SP2035 | 1.95 | 1.98 | 1.95 | 2.51 | 15.37 | 14.13 | 15.37 | 14.13 | 8.17 | 8.87 | 0.56 | 1.68 |  |  | 4.29 | 04/29/2005 | 1.03 | 0.92 |
| ING Solution 2045 Portfolio - Initial Class (5) | SP2045 | 2.09 | 2.19 | 2.01 | 2.79 | 15.81 | 15.16 | 15.81 | 15.16 | 8.31 | 9.06 | -0.06 | 1.21 |  |  | 4.27 | 04/29/2005 | 1.04 | 0.93 |
| ING Solution 2055 Portfolio - Initial Class (6) | SP2045 | 2.10 | 2.19 | 2.01 | 2.79 | 15.80 | 15.16 | 15.80 | 15.16 |  |  |  |  |  |  | 8.23 | 03/08/2010 | 1.04 | 0.93 |
| ING Solution Income Portfolio - Initial Class (7) | SPTREIN | 0.63 | 0.58 | 0.63 | 0.97 | 10.12 | 7.51 | 10.12 | 7.51 | 6.75 | 6.84 | 3.62 | 3.37 |  |  | 4.57 | 04/29/2005 | 0.83 | 0.72 |
| Balanced |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Moderate Allocation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING T. Rowe Price Capital Appreciation Portfolio - Inst (8) | SPXLBGC | 1.03 | 0.43 | 1.84 | -0.08 | 14.78 | 11.57 | 14.78 | 11.57 | 10.62 | 9.44 | 5.61 | 3.81 | 9.61 | 6.62 |  | 01/24/1989 | 0.65 | 0.65 |
| Large Cap Value |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Large Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Growth and Income Portfolio - Class I | SPXRE | 0.97 | 0.91 | -1.15 | -0.38 | 15.78 | 16.00 | 15.78 | 16.00 | 9.64 | 10.87 | 1.37 | 1.66 | 6.85 | 7.10 |  | 12/31/1979 | 0.58 | 0.58 |
| ING U.S. Stock Index Portfolio - Institutional Class | SPXRE | 0.91 | 0.91 | -0.38 | -0.38 | 15.79 | 16.00 | 15.79 | 16.00 | 10.59 | 10.87 | 1.43 | 1.66 |  |  | 4.87 | 05/03/2004 | 0.26 | 0.26 |
| Large Value |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BlackRock Equity Dividend Fund - Institutional Shares | SPXRE | 0.88 | 0.91 | 0.25 | -0.38 | 12.18 | 16.00 | 12.18 | 16.00 | 10.24 | 10.87 | 2.00 | 1.66 | 9.49 | 7.10 |  | 11/29/1988 | 0.76 | 0.76 |
| Large Cap Growth |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Large Growth |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Large Cap Growth Portfolio - Institutional Class (9) | RS1000G | 0.27 | -0.03 | -1.53 | -1.32 | 18.10 | 15.25 | 18.10 | 15.25 | 11.52 | 11.35 | 7.54 | 3.12 |  |  | 7.52 | 05/03/2004 | 0.69 | 0.60 |
| Small/Mid/Specialty |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mid-Cap Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Russell Mid Cap Index Portfolio - Class I | RSMID | 2.30 | 2.25 | 2.89 | 2.88 | 17.04 | 17.28 | 17.04 | 17.28 | 12.87 | 13.15 |  |  |  |  | 6.50 | 03/04/2008 | 0.45 | 0.43 |
| Mid-Cap Growth |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Principal MidCap Blend Fund - R-5 Class Shares | RSMID | 1.87 | 2.25 | 3.26 | 2.88 | 18.84 | 17.28 | 18.84 | 17.28 | 16.53 | 13.15 | 6.77 | 3.57 | 11.24 | 10.65 |  | 12/06/2000 | 0.89 | 0.89 |
| Small Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Russell Small Cap Index Portfolio - Class I (10) | RS2000 | 3.46 | 3.56 | 1.74 | 1.85 | 16.04 | 16.35 | 16.04 | 16.35 | 12.12 | 12.25 |  |  |  |  | 7.18 | 03/04/2008 | 0.48 | 0.46 |
| ING Small Company Portfolio - Class I | RS2000 | 3.32 | 3.56 | 1.55 | 1.85 | 14.52 | 16.35 | 14.52 | 16.35 | 11.57 | 12.25 | 4.08 | 3.56 | 10.11 | 9.72 |  | 12/27/1996 | 0.86 | 0.86 |
| Global / International |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foreign Large Blend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Funds EuroPacific Growth Fund - Class R-4 (11) | MSCIACEU | 2.74 | 3.49 | 5.56 | 5.89 | 19.22 | 17.39 | 19.22 | 17.39 | 4.06 | 4.33 | -1.40 | -2.44 | 10.01 | 10.22 |  | 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 | 3.93 | 3.21 | 7.50 | 6.60 | 18.72 | 17.90 | 18.72 | 17.90 | 3.99 | 4.04 |  |  |  |  | -1.27 | 03/04/2008 | 0.57 | 0.51 |
| World Stock |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ING Oppenheimer Global Portfolio - Initial Class | MSCIAC | 3.29 | 2.31 | 7.42 | 3.01 | 21.70 | 16.80 | 21.70 | 16.80 | 9.07 | 7.19 | 1.57 | -0.61 | 9.06 | 8.66 |  | 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.
High yielding fixed-income securities generally are subject to greater market fluctuations and risks of loss of income and principal than are investments in lower yielding fixed-income securities.
 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: 12/31/2012 (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 | $5-\mathrm{Yr}$ | 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. | 0.25 | 0.75 | 3.00 | 3.00 | 3.28 | 3.52 | 4.03 |  |  |
| Bonds |  |  |  |  |  |  |  |  |  |
| High Yield Bond Prudential High Yield Fund, Inc. - Class Z | 1.41 | 2.95 | 13.83 | 13.83 | 10.93 | 9.43 | 9.69 |  | 03/01/1996 |
| Inflation-Protected Bond <br> PIMCO VIT Real Return Portfolio - Administrative Class Intermediate-Term Bond | -0.52 | 0.66 | 8.48 | 8.48 | 9.23 | 7.37 | 6.64 |  | 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 | 0.76 | 1.47 | 9.12 | 9.12 | 8.65 | 5.44 | 5.02 |  | 05/23/1973 |
| ING U.S. Bond Index Portfolio - Class I | -0.26 | -0.08 | 3.59 | 3.59 | 5.46 |  |  | 5.26 | 03/04/2008 |
| Asset Allocation |  |  |  |  |  |  |  |  |  |
| Lifecycle |  |  |  |  |  |  |  |  |  |
| ING Solution 2015 Portfolio - Adviser Class (1) | 0.88 | 0.84 | 10.86 | 10.86 | 6.60 | 1.44 |  | 3.64 | 04/29/2005 |
| ING Solution 2015 Portfolio - Initial Class (2) | 0.95 | 1.00 | 11.42 | 11.42 | 7.15 | 1.94 |  | 4.18 | 04/29/2005 |
| ING Solution 2025 Portfolio - Initial Class (3) | 1.62 | 1.49 | 13.54 | 13.54 | 7.76 | 0.81 |  | 3.93 | 04/29/2005 |
| ING Solution 2035 Portfolio - Initial Class (4) | 1.92 | 1.88 | 15.08 | 15.08 | 7.90 | 0.31 |  | 4.03 | 04/29/2005 |
| ING Solution 2045 Portfolio - Initial Class (5) | 2.07 | 1.94 | 15.52 | 15.52 | 8.04 | -0.30 |  | 4.01 | 04/29/2005 |
| ING Solution 2055 Portfolio - Initial Class (6) | 2.08 | 1.95 | 15.51 | 15.51 |  |  |  | 7.96 | 03/08/2010 |
| ING Solution Income Portfolio - Initial Class (7) | 0.61 | 0.57 | 9.84 | 9.84 | 6.48 | 3.36 |  | 4.31 | 04/29/2005 |
| Balanced |  |  |  |  |  |  |  |  |  |
| Moderate Allocation |  |  |  |  |  |  |  |  |  |
| ING T. Rowe Price Capital Appreciation Portfolio - Inst (8) | 1.01 | 1.77 | 14.49 | 14.49 | 10.34 | 5.34 | 9.33 |  | 01/24/1989 |
| Large Cap Value |  |  |  |  |  |  |  |  |  |
| Large Blend |  |  |  |  |  |  |  |  |  |
| ING Growth and Income Portfolio - Class I | 0.95 | -1.21 | 15.49 | 15.49 | 9.36 | 1.12 | 6.59 |  | 12/31/1979 |
| ING U.S. Stock Index Portfolio - Institutional Class | 0.89 | -0.45 | 15.50 | 15.50 | 10.31 | 1.18 |  | 4.60 | 05/03/2004 |
| Large Value |  |  |  |  |  |  |  |  |  |
| BlackRock Equity Dividend Fund - Institutional Shares | 0.86 | 0.18 | 11.90 | 11.90 | 9.97 | 1.74 | 9.21 |  | 11/29/1988 |
| Large Cap Growth |  |  |  |  |  |  |  |  |  |
| Large Growth |  |  |  |  |  |  |  |  |  |
| ING Large Cap Growth Portfolio - Institutional Class (9) | 0.25 | -1.59 | 17.80 | 17.80 | 11.24 | 7.27 |  | 7.25 | 05/03/2004 |
| Small/Mid/Specialty |  |  |  |  |  |  |  |  |  |
| Mid-Cap Blend |  |  |  |  |  |  |  |  |  |
| ING Russell Mid Cap Index Portfolio - Class I | 2.28 | 2.83 | 16.75 | 16.75 | 12.59 |  |  | 6.24 | 03/04/2008 |
| Mid-Cap Growth |  |  |  |  |  |  |  |  |  |
| Principal MidCap Blend Fund - R-5 Class Shares | 1.85 | 3.19 | 18.55 | 18.55 | 16.24 | 6.51 | 10.97 |  | 12/06/2000 |
| Small Blend |  |  |  |  |  |  |  |  |  |
| ING Russell Small Cap Index Portfolio - Class I (10) | 3.44 | 1.68 | 15.75 | 15.75 | 11.84 |  |  | 6.91 | 03/04/2008 |
| ING Small Company Portfolio - Class I | 3.29 | 1.49 | 14.23 | 14.23 | 11.30 | 3.82 | 9.84 |  | 12/27/1996 |
| Global / International |  |  |  |  |  |  |  |  |  |
| Foreign Large Blend |  |  |  |  |  |  |  |  |  |
| American Funds EuroPacific Growth Fund - Class R-4 (11) | 2.72 | 5.49 | 18.92 | 18.92 | 3.80 | -1.65 | 9.74 |  | 04/16/1984 |
| ING International Index Portfolio - Class I (12) | 3.91 | 7.43 | 18.42 | 18.42 | 3.73 |  |  | -1.52 | 03/04/2008 |

## World Stock

| Investment Options | 1-Mo | 3-Mo | YTD | 1-Yr | 3-Yr | 5-Yr | 10-Yr | Incept | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | . 27 | 7.35 | 21.39 | 21.39 | 8.80 | 1.32 | 8.7 |  | 05/01/20 |

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


 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.
(3)ING Solution 2025 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.
(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.
(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.

## See Performance Introduction Page for Important Information

## Additional Notes


 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
(12)ING International Index Portfolio - Class I: The adviser is contractually obligated to limit expenses to $0.50 \%$ 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.
(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 $12 / 31 / 2013$. 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

MFR

MSCIAC
MSCIACEU

## 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.
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.
The Morgan Stanley Capital International (MSCI) All Country World Index is a broad-based unmanaged index of developed country and emerging market equities.
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.

| Benchmark ID | See Performance Introduction Page for Important Information Benchmark Description |
| :---: | :---: |
| 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 $12 / 31 / 2012$.
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 | 10 Year <br> Return | Since <br> Inception | Expense <br> Ratio |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ITD Date |  |  |  |  |  |  |  |  |

Domestic Mid Cap Equity

| Mid Cap |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mid Cap Strategic Growth Fund (RCM/MorganStanley) | 8.35 | 8.35 | 7.85 | -1.17 | 4.70 | 4.70 | 1.67 | 12/20/2004 |
| Global Equity |  |  |  |  |  |  |  |  |
| Global Social Awareness Fund (PineBridge Investments) | 16.36 | 16.36 | 6.44 | -1.29 | 4.85 | 4.85 | 1.48 | 10/2/1989 |
| Emerging Economies (formerly Global Equity) Fund (JPMorgan) | 17.94 | 17.94 | 3.94 | -5.04 | 0.26 | 0.26 | 1.84 | 12/5/2005 |
| International Equity |  |  |  |  |  |  |  |  |
| Foreign Value Fund (Templeton Global) | 17.83 | 17.83 | 2.76 | -2.69 | 2.34 | 2.34 | 1.63 | 12/5/2005 |
| Speciality |  |  |  |  |  |  |  |  |
| Science \& Technology Fund (T. Rowe/RCM/Wellington) | 11.25 | 11.25 | 7.91 | 2.03 | 7.64 | 7.64 | 1.82 | 4/29/1994 |
| Hybrid |  |  |  |  |  |  |  |  |
| Balanced Vanguard Wellington Fund | 11.39 | 11.39 | 7.91 | 3.16 | 7.07 | 7.07 | 1.35 | 7/1/1929 |
| Fixed Income |  |  |  |  |  |  |  |  |
| Investment Grade |  |  |  |  |  |  |  |  |
| Vanguard Long-Term Investment-Grade Fund Vanguard Long-Term Treasury Fund | $\begin{gathered} 10.76 \\ 2.63 \\ \hline \end{gathered}$ | $\begin{gathered} 10.76 \\ 2.63 \end{gathered}$ | $\begin{aligned} & 12.25 \\ & 12.46 \end{aligned}$ | $\begin{aligned} & 9.14 \\ & 8.56 \\ & \hline \end{aligned}$ | $\begin{array}{r} 6.81 \\ 6.56 \\ \hline \end{array}$ | $6.81$ | $\begin{aligned} & 1.02 \\ & 1.00 \end{aligned}$ | $\begin{gathered} 7 / 9 / 1973 \\ 5 / 19 / 1986 \end{gathered}$ |
| International |  |  |  |  |  |  |  |  |
| International Government Bond Fund (PineBridge Investments) | 7.77 | 7.77 | 6.21 | 5.52 | 6.67 | 6.67 | 1.47 | 10/1/1991 |
| Stable Value |  |  |  |  |  |  |  |  |
| Money Market I Fund (SunAmerica) | -0.79 | -0.79 | -0.78 | -0.29 | 0.78 | 0.78 | 1.32 | 1/16/1986 |
| 7-Day current yield at 30-Sep-2009: -0.79 |  |  |  |  |  |  |  |  |
| Fixed Account Plus | 2.67 | 2.67 | 3.21 | 3.47 | 4.17 | 4.17 |  | 1/1/1982 |
| Short Term Fixed Account | 1.00 | 1.00 | 1.33 | 2.00 | 2.50 | 2.50 |  | 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.

## Section X.

## OPEB Trust

| Account Name <br> Benchmark Name |  | Market Value | \% of Total | YTD | Month | Cumulative |  | 2012 | 2011 | 2010 | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | $\begin{aligned} & \text { 11/1/2012 - } \\ & 11 / 30 / 2012 \end{aligned}$ | $\begin{aligned} & \text { 10/1/2012 - } \\ & 10 / 31 / 2012 \end{aligned}$ |  |  |  |  |
| BROWN BROS HARR |  | 33,811,580.1 | 64.6 | 6.54 | -0.13 | 0.36 | 0.51 | 6.54 |  |  | 7/1/2011 |
| Barclays U.S. Aggregate Bond Index |  |  |  | 4.21 | -0.14 | 0.16 | 0.20 | 4.21 |  |  | 7/1/2011 |
| SSGA S\&P 500 INDX |  | 18,491,954.1 | 35.4 | 15.96 | 0.91 | 0.57 | -1.85 | 15.96 |  |  | 5/1/2011 |
| S\&P 500-Total Return Index |  |  |  | 16.00 | 0.91 | 0.58 | -1.85 | 16.00 |  |  | 5/1/2011 |
| Total OPEB | 1 | 52,303,534.2 | 100.0 | 9.74 | 0.23 | 0.44 | -0.37 | 9.74 |  |  | 5/1/2011 |
| OPEB Custom Blend | 2 |  |  | 8.30 | 0.23 | 0.31 | -0.55 | 8.30 |  |  | 5/1/2011 |


| 1 RI7G10000000 | Total OPEB | YTD - Calendar Year to Date |
| :--- | :--- | :--- |
|  |  | Month - Current Month |
|  |  | Cumulative Months - Prior Month and Second Prior Month |
|  |  | $2011,2010,2009$ - Calendar Years |
| 2 RI7GX0903OPE | OPEB Custom Blend | $65 \%$ Barclays Aggregate and 35\% S\&P 500 |

## Section XI.

## Touro Fund

## ABRAHAM TOURO FUND

 INVESTMENT SUMMARYFiscal Year 2013

| Month End | Year | Total Market Value |
| :--- | :--- | :--- |
| July | 2012 | $\$ 2,134,676$ |
| August | 2012 | $\$ 2,170,562$ |
| September | 2012 | $\$ 2,209,711$ |
| October | 2012 | $\$ 2,187,607$ |
| November | 2012 | $\$ 2,205,082$ |
| December | 2012 | $\$ 2,214,443$ |
| January | 2013 | n/a |
| February | 2013 | n/a |
| March | 2013 | n/a |
| April | 2013 | n/a |
| May | 2013 | n/a |
| June | 2013 | n/a |




[^0]:    * Alternative Investments - comprising the four components as indicated - are illiquid and may not have readily determinable market values. As such, they are generally based on appraisals only.
    ** Cash \& Short-Term Investments, as shown, also includes amounts available within specific active-manager mandates, and thus as aggregated will not tie directly to separate cash allocations as reported elsewhere.

[^1]:    *includes income from Real Estate Investments, Private Equity, and Cash Accounts,

[^2]:    $\dagger$ 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.

