## We prudently invest and manage the assets held in trust for current and future retirees.

We rigorously identify, measure and manage risk.


We efficiently deliver accurate, timely retirement benefit payments and related services with attentiveness to high quality customer service.


We are our stakeholders' trusted source of reliable, comprehensive information about retirement security and the role that Indiana Public Retirement System plays in the delivery of that security.
value professionalism, teamwork and operational excellence to consistently

 FOR THE FISCAL YEARENDED JUNE 30, 2012

The Indiana Public Retirement System is a pension trust fund of the State of Indiana.



Public Employees' Retirement Fund \| Teachers' Retirement Fund \| 1977 Police Officers' and Firefighters' Pension and Disability Fund Judges' Retirement System | State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan | Prosecuting Attorneys' Retirement Fund | Legislators' Retirement System: Defined Benefit Plan and Defined Contribution Plan \| State Employees' Death Benefit Fund \| Public Safety Officers' Special Death Benefit Fund \| Pension Relief Fund

> INPRS | One North Capitol, Suite 001 | Indianapolis, IN 46204
> Toll-free: (888) 526-1687 | www.inprs.in.gov | questions@inprs.in.gov

## INDIANA PUBLIC RETIREMENT SYSTEM

 2012 COMPREHENSIVE ANNUAL FINANCIAL REPORT For the Fiscal Year Ended June 30, 2012

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INDIANA PUBLIC RETIREMENT SYSTEM 2012 COMPREHENSIVE ANNUAL FINANCIAL REPORT For the Fiscal Year Ended June 30, 2012

$$
\begin{aligned}
& 06 \text { Letter of Transmittal } \\
& 13 \text { GFOA - Certificate of Achievement (PERF) } \\
& 14 \text { GFOA - Certificate of Achievement (TRF) } \\
& 15 \text { PPCC - Public Pension Standards Award } \\
& 16 \text { Administrative Organization } \\
& 18 \text { Summary of Key Data as of June 30, } 2012 \\
& 20 \text { Fund Highlights }
\end{aligned}
$$



December 21, 2012

## Dear Board Members:

It is with pleasure that we present the first Comprehensive Annual Financial Report (CAFR) of the new Indiana Public Retirement System (INPRS) for the fiscal year ended June 30, 2012.

## About the System

Effective July 1, 2011, the administration of the Indiana State Teachers' Retirement Fund (TRF), established in 1921, and the funds previously administered by the Indiana Public Employees' Retirement Fund (PERF), established in 1945, were consolidated as the Indiana Public Retirement System (INPRS).

As of June 30, 2012, INPRS was responsible for the investment of approximately $\$ 25.6$ billion in net assets. In total, INPRS paid approximately $\$ 2.4$ billion in monthly retirement, disability and survivor benefits to 126,813 benefit recipients. INPRS received contributions of approximately $\$ 2.0$ billion from 230,703 members actively employed in public service and 1,187 participating employers statewide. INPRS also maintains accounts for 90,135 inactive members for a total membership of 447,651 . Details about INPRS members and employers can be found in the Statistical Section of this report.

This report provides detailed information on the performance of all retirement plans [i.e., seven (7) Defined Benefit (DB) and one (1) Defined Contribution (DC) retirement plans] administered by INPRS, including:

Public Employees' Retirement Fund (PERF)

- Teachers' Retirement Fund (TRF)
- 1977 Police Officers' and Firefighters' Pension and Disability Fund (1977 Fund)

■ Judges' Retirement System (JRS)

- State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan (E,G,\&C Plan)
- Prosecuting Attorneys' Retirement Fund (PARF)
- Legislators' Retirement System (LRS)
- Legislators' Defined Benefit Plan (LEDB Plan)
- Legislators' Defined Contribution Plan (LEDC Plan)

INPRS also administers two (2) special death benefit funds for public safety officers and state employees who die in the line of duty. In addition, INPRS manages the Pension Relief Fund, which was created by the Indiana General Assembly to address the unfunded pension obligations of the police officers' and firefighters' pension systems of Indiana's cities and towns. INPRS is not responsible for the administration of those local pension funds, which have been closed to new membership since the creation of the 1977 Police Officers' and Firefighters' Pension and Disability Fund. However, INPRS makes disbursements from funds provided by the General Assembly to the local police and firefighter units throughout the state that are still obliged to pay benefits under those former plans.

Since their establishment, the laws governing the administration of INPRS-administered funds have changed and expanded in response to the needs of our members, employers, and citizens.

In 1955, the Annuity Savings Account (ASA) was established as a supplemental benefit to the then existing defined benefit for PERF and TRF members, making these plans amongst the first in the nation to adopt a hybrid plan design. With employers paying the necessary contribution to fund the DB benefit, employees have since been required to make a contribution into a member managed account. Members are immediately vested in their ASAs. Upon retirement, PERF and TRF members can withdraw their ASA balance in a lump sum or they can convert their balance into an annuitized amount that is added to their Defined Benefit. NonVested inactive members (i.e., members who have not met the requirements for a DB pension benefit) may elect to withdraw their ASA balances upon termination of employment.

The 1995 legislative session brought several significant changes to TRF. Legislation was passed that closed the pay-as-you-go plan (named the Pre-1996 Account) to newly hired members and created a new account named the 1996 Account. All teachers hired after June 30, 1995, would be members of the 1996 Account. The 1996 Account was established to be actuarially pre-funded by requiring school corporations to set aside a fixed percentage of payrolls for teacher retirement benefits. Also, in 1995, the General Assembly passed legislation creating the Pension Stabilization Fund (PSF), designed to partially fund TRF's unfunded liability of the Pre-1996 Account. The PSF was initially funded from $\$ 425$ million of employer reserves from the Pre-1996 Account and, since that time, has received contributions from the Indiana State General Fund, contributions from the Indiana State Lottery, and interest earned from the investment of PSF assets. As of June 30, 2012, the PSF had a balance of $\$ 2.25$ billion.

A public referendum held in 1996 approved an amendment to the Indiana Constitution to allow the funds to invest in equities. Since that time, INPRS has been able to diversify its investment asset classes and grow its asset base.

Letter of Transmittal, continued

In 2000, legislation established that the fund's administrative bodies would no longer be state agencies but each would be an "independent body corporate and politic." This means INPRS is not a department or agency of the State, but is an independent instrument exercising essential government functions. Under Indiana law, INPRS is under the jurisdiction of the State Ethics Commission.

In 2011, legislation established a nine-member Board of Trustees to oversee the system. Indiana law requires the following board composition:

- One (1) trustee with experience in economics, finance, or investments
- One (1) trustee with experience in executive management or benefits administration
- One (1) trustee who is an active or retired member of the 1977 Fund
- Two (2) trustees who are TRF members with at least 10 years of creditable service

■ One (1) trustee who is a PERF member with at least 10 years of creditable service

- Director of the State Budget Agency, or designee
- Auditor of State, or nominee
- Treasurer of State, or nominee


## Benefit Plan and Other Legislative Changes during Fiscal Year 2012

Several changes were passed or took effect during fiscal year 2012:

- Legislation established an optional ASA-Only plan to newly hired state employees that are members of PERF. Implementation is to take place six (6) months after approval from the IRS. Once implemented, eligible newly hired state employees will have the option to participate in a plan that is solely comprised of an ASA. The employee will receive a contribution of three (3) percent plus the actuarial equivalent up to the PERF DB plan's normal cost.
- Legislation provided a $13^{\text {th }}$ check to benefit recipients of PERF, TRF and the E,G,\&C Plan in various amounts based on years of service. In addition, benefit recipients of the 1977 Fund and Judges' Retirement System received a COLA increase.
- Legislation allowed use of excess revenue in the State General Fund to help to increase the funding status to 80 percent for select DB retirement plans of INPRS. Those DB retirement plans include the E,G,\&C Plan, JRS and PARF. The State Police Fund, which INPRS does not administer, also benefitted from this funding. Excess money remaining after funding the INPRS-administered plans and the State Police Fund will go to fund the TRF Pre-1996 Account. If there is an excess in or after 2013, then 50 percent of the excess will go to fund the TRF Pre-1996 Account.
- Legislation provides the INPRS Board with flexibility to establish a single or grouping of PERF employer contribution rates.
- Legislation requires certain INPRS investments' staff to file annual financial disclosures to the State Inspector General.
- The Department of Education may assign licensed or unlicensed teachers to work at failing schools. Licensed teachers are eligible for TRF membership while non-licensed teachers are eligible for PERF membership.


## Management's Responsibility for Financial Reporting

INPRS management has the fiduciary responsibility to safeguard the system and is responsible for the contents of this report. INPRS management is also responsible for establishing and maintaining a system of adequate internal accounting controls designed to provide reasonable assurance that transactions are executed in accordance with management's general or specific authorization. INPRS management is responsible for ensuring that an adequate internal control structure is in place to provide reasonable, but not absolute, assurance regarding: (1) the safeguarding of assets against loss from unauthorized user disposition and (2) the reliability of financial records for preparing financial statements and maintaining accountability for assets. The concept of reasonable assurance recognizes that the cost of internal control should not exceed the benefits likely to be derived and that the evaluation of costs and benefits requires management to make estimates and judgments. The internal control structure is subject to periodic evaluation by management and the internal audit staff to ensure compliance with applicable laws and regulations.

For financial reporting purposes, INPRS follows Governmental Accounting Standards Board (GASB) Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans, and as amended by GASB Statement No. 50, Pension Disclosures. Assets of INPRS are presented at fair value. The actuarial value of assets and the actuarial accrued liability are presented in the Required Supplementary Information following the Notes to the Financial Statements.

GASB issued Statement No. 34, Basic Financial Statements and Management's Discussion and Analysis for State and Local Governments. This Statement establishes financial reporting standards for state and local governments. The Management's Discussion and Analysis is contained within the Financial Section of this report and serves to supplement the Introductory Section of this CAFR, as well as financial statements, notes, and supplementary information within the Financial Section.

During fiscal year 2012, GASB adopted changes to its accounting standards related to public pensions. These changes will become effective in fiscal year 2014 for INPRS and fiscal year 2015 for state and local governments. GASB Statement No. 25 will be replaced by GASB Statement No. 67. Information about these upcoming changes can be found on the GASB website www.GASB.org.

## Economic Condition

The economic condition of INPRS is based primarily upon investment results and contributions from members and employers. Strategic Investment Solutions, Inc. (SIS), the primary investment management consultant for INPRS, evaluated the impact of economic conditions on the investments of INPRS. The SIS Report on Investment Activities is located in the Investment Section of this report. In fiscal year 2012, the State of Indiana fully met its funding obligations to the TRF Pre-96 Account, JRS, PARF and LRS plans. All other required contributions from members and employers to all of the INPRS administered plans were also fully satisfied in fiscal year 2012.

## Investments

Metaphorically, investing during fiscal year 2012 was akin to a roller coaster ride at an amsement park; several up and downs, only to get off the ride at the same place you started. In fiscal year 2012, INPRS Consolidated Defined Benefit Assets returned a positive 0.7 percent net of fees. While the 5 -year return rate of 0.2 percent is below the fund's long-term actuarial assumed rate of 7.0 percent - reflecting the recession years of 2008 and 2009 - the 3 -year return was 11.0 percent and the 10 -year return was 5.7 percent.

Volatility has become the norm over the past decade in many of the asset classes. Add in an unprecedented and prolonged period of low interest rates and you have a recipe for a very challenging environment. INPRS is meeting this challenge with forward-looking approaches including an emphasis on managing risk. Managing risk and contribution rate volatility is paramount to the sustainability of any pension plan. To that end, INPRS has established a reasonable assumed long-term rate of return that was 7.0 percent during fiscal year 2012, then lowered to 6.75 percent for fiscal year 2013. INPRS has implemented an asset allocation to achieve the 6.75 percent over the long term with the least amount of acceptable expected volatility. By design, the INPRS asset allocation is likely to surrender a portion of the upside in strong public equity market cycles; however, should significantly protect the fund on the public equity market downsides.

The foundation of any successful investment program is the commitment to and execution of disciplined decisionmaking policies and processes conducted by competent investment professionals. During fiscal year 2012, INPRS established a new Investment Policy Statement (IPS) that included prior best practices of PERF and TRF, but also adopted best practices of our peers. The INPRS IPS is an essential element of our commitment to investments excellence. Detailed investment policies and results can be found in the Investment Section of this report.

## Funding

An actuarial analysis of all INPRS-administered retirement plans is performed on an annual basis. An assumption experience study is performed every three to five years. PricewaterhouseCoopers (PwC) completed the most recent assumption experience study for all DB retirement plans except TRF as of June 30, 2010 and Nyhart completed the most recent assumption experience study for TRF as of June 30, 2011.

I am pleased to inform that, for the first time, the Actuarial Section of our CAFR includes an actuarial analysis covering the same time period as the financial statements. In past years, there was a one-year lag between the financial results and the actuarial analysis. The INPRS staff and actuarial firms PwC and Nyhart are to be commended for this accomplishment.

One purpose of the annual actuarial analysis is to measure the funding status, typically referred to as the funded percentage. The percentage is computed by dividing the actuarial value of net assets by the actuarial accrued liability. This ratio provides an indication of the funding status of the plan, and generally, the greater this percentage, the stronger the plan.

As discussed earlier in this letter, INPRS administers seven (7) separate DB retirement plans. The aggregate funded status percentage for all the pre-funded plans is 81.2 percent. The TRF Pre-1996 pay-as-you-go
account, designed in 1921 for a zero funded status, actually has a funded status of 30.1 percent thanks to the underpinning of the Pension Stabilization Fund. Actuarial standards consider a funded percentage of 80 percent or better as being healthy. We are pleased with our overall funded status and continue to work to achieve and maintain 100 percent funding.

Details of the actuarial analysis can be found in the Actuarial Section of this report and the supporting statistics can be found in the Statistical Section. In the Statement of Changes in Fiduciary Net Position, contained in the Financial Section of this report, the accumulated balance of funds derived from the excess of additions over deductions is referred to as the net assets held in trust for pension benefits. The actuarial accrued liability is not disclosed in the Financial Statements, but is disclosed in the Schedule of Funding Progress in the Required Supplementary Information following the Notes to the Financial Statements.

## Accomplishments in 2012

INPRS continues to fulfill its mission while demonstrating commitment to its values. The INPRS strategic plan provides the foundation from which INPRS moves towards its vision to be the premier public retirement system, respected by customers, peers and community, and known for professional service, technological advancement and fund stability. A copy of the INPRS strategic plan can be found on the INPRS website www.in.gov/INPRS. To that end, there were several significant accomplishments during fiscal year 2012.

Members continued to receive outstanding customer service. More than 99 percent of new retirees received their first pension payment on time. More than 90 percent of members, who interacted with INPRS, rated their experience as good or excellent. In the fiscal year, the system increased by 20 percent, the number of customers served by retirement counselors without having to add additional staff.

Significant progress continues in the implementation of new information technologies. INPRS successfully completed its fifth year of a multi-year program to modernize its business processes and systems. During the year, substantial progress was made, working in close collaboration with employers, in designing and preparing for launch of the new Employer Reporting and Maintenance (ERM) system. This system is designed to simplify employer interaction with INPRS while getting members' retirement contributions into their individual accounts on a payroll basis. Previously, this was only possible quarterly. As of October 2012, the system was live and in active use by employers. Significant progress was also made towards the implementation of a new Defined Benefit administration system. Scheduled for completion in 2013, this new system will bring to a close a modernization program that will have overhauled every INPRS business process and IT platform.

Major strides towards fund stability and sustainability were accomplished in 2012. The strategic planning process was conducted with a greater emphasis on enterprise risk management. In June 2012, the INPRS Board reduced the INPRS actuarial-assumed rate of return - also known as the discount rate - to 6.75 percent from 7.0 percent. INPRS is now the lowest among the 126 public systems monitored by the annual Public Fund Survey. INPRS is the only public system below 7.0 percent. Since 2008, 45 public pension plans have reduced their return assumptions. Most now use 8.0 percent, and more than 90 percent assume 7.5 percent or more. Coupled with a corresponding asset allocation, these actions bring greater confidence that the appropriate mix of investment

INTRODUCTORY SECTION
returns and employer/employee contributions will be received to ensure that monies are available for promised benefits.

As stewards of assets held in trust for current and future retirees, INPRS continues to find ways to deliver better services for fewer dollars. Savings resulting from the merger of PERF and TRF continue to increase. With incremental efforts achieved in 2012, the net present value of savings generated thus far is approaching $\$ 300$ million to Indiana taxpayers. INPRS also continues to leverage technology to reduce the cost and environmental impact of printed paper.

Following this letter, you will find a Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association (GFOA) and an Achievement Award from the Public Pension Coordinating Council (PPCC). The PPCC award recognizes INPRS' excellence in meeting professional standards for plan design and administration. This recognition rates INPRS' system management and administration among an exclusive handful of public retirement systems in the nation.

## Acknowledgements

The compilation of this report reflects the combined efforts of INPRS staff and advisors. It is intended to demonstrate the spirit of full disclosure and to provide information for use as the basis for making management decisions, as a means of determining compliance with legal provisions, and as a means of determining responsible stewardship of the assets contributed by our members and employers.

If, after reviewing this report, you would like more information, please feel free to contact us at questions@inprs.in.gov.

We express our gratitude to the staff, advisors, and all who have contributed to the preparation of this report. The INPRS staff also wishes to express our gratitude to Indiana Governor Mitch Daniels, the Indiana General Assembly, members of the Indiana Pension Management Oversight Commission, and the INPRS Board of Trustees who provided INPRS staff the privilege of serving the needs of our members and employers.

Sincerely,


## Steve Russo

Executive Director

# Certificate of Achievement for Excellence in Financial Reporting 

Presented to

# Public Employees' Retirement Fund of Indiana 

For its Comprehensive Annual<br>Financial Report<br>for the Fiscal Year Ended

June 30, 2011
A Certificate of Achievement for Excellence in Financial Reporting is presented by the Government Finance Officers Association of the United States and Canada to government units and public employee retirement systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.


# Certificate of <br> Achievement for Excellence in Financial Reporting 

Presented to

# Indiana State Teachers' <br> Retirement Fund 

For its Comprehensive Annual
Financial Report for the Fiscal Year Ended

June 30, 2011
A Certificate of Achievement for Excellence in Financial Reporting is presented by the Government Finance Officers

Association of the United States and Canada to government units and public employee retirement systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.



## Public Pension Coordinating Council

## Public Pension Standards Award For Funding and Administration

 2012Presented to

## Indiana Public Retirement System

In recognition of meeting professional standards for plan funding and administration as set forth in the Public Pension Standards.

Presented by the Public Pension Coordinating Council, a confederation of
National Association of State Retirement Administrators (NASRA) National Conference on Public Employee Retirement Systems (NCPERS) National Council on Teacher Retirement (NCTR)


Alan H. Winkle
Program Administrator

## Board of Trustees ${ }^{1}$



## Executive Team ${ }^{1}$



Steve Russo
Executive Director


## Mission Statement:

We advance the achievement of retirement security for current and future retirees and beneficiaries through our delivery of operational and investment excellence, exemplary customer service and trusted stakeholder communication.

## Mission Principles:

Stewardship. We prudently invest and manage the assets held in trust for current and future retirees. We rigorously identify, measure and manage risk.

Best in Class Operations. We efficiently deliver accurate, timely retirement benefit payments and related services with attentiveness to high quality customer service.

Trusted Source. We are our stakeholders' trusted source of reliable, comprehensive information about retirement security and the role that Indiana Public Retirement System plays in the delivery of that security.

Collaboration and Shared Purpose. We value professionalism, teamwork and operational excellence to consistently improve the quality and sustainability of our services.

Mitch Daniels
Governor
Becky Skillman
Lt. Governor

Executive Team ${ }^{1}$
Steve Russo
Executive Director

## Steven Barley

Chief Operations Officer and Deputy Director

David Cooper
Chief Investment Officer

## Donna Grotz

Director of Strategic Initiatives and Administration

Mike Hineline
Chief Technology Officer
Jeffrey Hutson
Chief Communication Officer

Julia Pogue
Chief Financial Officer
Teresa Snedigar
Director of Internal Audit

## Andrea Unzicker

Chief Legal and Compliance Officer

Professional Consultants ${ }^{2}$

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1701 Pennsylvania Ave., N.W.
Washington, DC 20006-5811

Ice Miller LLP
One American Square, Suite 2900
Indianapolis, IN 46282
Krieg DeVault LLP
One Indiana Square, Suite 2800
Indianapolis, IN 46204

## Nyhart

8415 Allison Pointe Blvd., Suite 300
Indianapolis, IN 46250

## PricewaterhouseCoopers

101 W. Washington St., Suite 1300
Indianapolis, IN 46204

Strategic Investment Solutions, Inc.
333 Bush Street, Suite 2000
San Francisco, CA 94104

Summary of Key Data as of June 30, 2012

- PERF = Public Employees' Retirement Fund
- TRF = Teachers' Retirement Fund

■ 1977 Fund = 1977 Police Officers' and Firefighters' Pension and Disability Fund

- JRS = Judges' Retirement System

■ E,G,\&C Plan = State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

- PARF = Prosecuting Attorneys' Retirement Fund
- LEDB Plan = Legislators' Defined Benefit Plan
- LEDC Plan = Legislators' Defined Contribution Plan


## (dollars in millions)

| Description | PERF | TRF Pre-1996 Account | TRF 1996 Account | Total TRF | 1977 Fund | JRS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Membership |  |  |  |  |  |  |
| Number of Employers ${ }^{2}$ | 1,138 |  |  | 367 | 162 | 1 |
| Active Members | 145,519 | 22,688 | 47,885 | 70,573 | 13,390 | 361 |
| Retirees, Disabilitants and Beneficiaries | 72,992 | 47,000 | 2,971 | 49,971 | 3,208 | 311 |
| Vested Inactive Members | 21,200 | 3,382 | 2,985 | 6,367 | 122 | 72 |
| Non-Vested Inactive Members | 47,874 | 794 | 12,528 | 13,322 | 751 | 28 |
| Total Number of Members | 287,585 | 73,864 | 66,369 | 140,233 | 17,471 | 772 |

Financial Information


[^0]
# INTRODUCTORY SECTION <br> Summary of Key Data as of June 30, 2012 

- $\operatorname{PERF}=$ Public Employees' Retirement Fund
- TRF = Teachers' Retirement Fund

■ 1977 Fund = 1977 Police Officers' and Firefighters' Pension and Disability Fund

- JRS = Judges' Retirement System
- E,G,\&C Plan = State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan
- PARF = Prosecuting Attorneys' Retirement Fund
- LEDB Plan = Legislators' Defined Benefit Plan
- LEDC Plan = Legislators' Defined Contribution Plan
(dollars in millions)

| Description | E,G,\&C Plan | PARF | LEDB Plan | LEDC Plan | Other ${ }^{1}$ | Total INPRS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Membership |  |  |  |  |  |  |
| Number of Employers ${ }^{2}$ | 1 | 1 | 1 | 1 |  | 1,187 |
| Active Members | 468 | 219 | 6 | 167 |  | 230,703 |
| Retirees, Disabilitants and Beneficiaries | 187 | 81 | 63 |  |  | 126,813 |
| Vested Inactive Members | 4 | 84 | 38 |  |  | 27,887 |
| Non-Vested Inactive Members | 61 | 165 | - | 47 |  | 62,248 |
| Total Number of Members | 720 | 549 | 107 | 214 |  | 447,651 |

## Financial Information

| Net Assets | \$ | 76.5 | \$ | 27.7 | \$ | 3.4 | \$ | \$ 25.6 | \$ | 30.7 | \$ | 25,564.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Member Contributions | \$ | 1.0 | \$ | 1.3 |  |  |  | \$ 1.3 |  |  | \$ | 335.5 |
| Member Contribution Rate |  | 4.0\% |  | 6.0\% |  |  |  | 5.0\% |  |  |  |  |
| Employer Contributions | \$ | 5.1 | \$ | 1.8 | \$ | 0.1 | \$ | \$ | \$ | 131.0 | \$ | 1,605.8 |
| Employer Contribution Rate |  | 20.75\% |  | General Fund Appropriation |  | General Fund Appropriation |  | $\begin{gathered} 10.0 \% \\ \text { (July-Dec) } \\ 11.6 \% \\ \text { (Jan.-June) } \end{gathered}$ |  | ral d iation |  |  |
| Benefit Payments ${ }^{4}$ | \$ | 4.7 | \$ | 1.8 | \$ | 0.3 |  |  | \$ | 0.2 | \$ | 2,034.8 |
| Distributions ${ }^{5}$ | \$ | 0.1 | \$ | 0.1 | \$ | \$ - |  | \$ 1.0 |  |  | \$ | 95.4 |
| Average Annual Benefit ${ }^{6}$ (\$) | \$ | 23,810 | \$ | 21,853 |  | 5,536 |  |  |  |  |  |  |
| Actuarial Information |  |  |  |  |  |  |  |  |  |  |  |  |
| Actuarial Value of Assets (AVA) | \$ | 76.0 | \$ | 27.5 |  | 3.4 |  |  |  |  | \$ | 25,156.3 |
| Actuarial Accrued Liabilities (AAL) | \$ | 113.3 | \$ | 56.1 | \$ | 4.5 |  |  |  |  | \$ | 41,378.7 |
| Unfunded AAL | \$ | 37.3 | \$ | 28.6 | \$ | 1.1 |  |  |  |  | \$ | 16,222.4 |
| Funded Status (AVA/AAL) |  | 67.1\% |  | 49.0\% |  | 75.0\% |  |  |  |  |  | 81.2\% ${ }^{8}$ |

[^1]
## Public Employees' Retirement Fund

## Defined Benefit (Pension)

Annuity Savings Account (ASA)

Employer pays 100 percent
■ No member contributions
Contributions ■ Employer contribution rates are determined annually by the INPRS Board based on recommendations by the INPRS actuary

## Immediate

Mandatory 3 percent of gross wages paid by:

- Employer, or
- Member, or
- Shared by member and employer


## Voluntary Contributions

- Member can elect to contribute additional monies
- Member's voluntary contributions may be preor post-tax if their employer has submitted a resolution to participate and the member elects to do so within the election window
- Age 65 with 10 years of service
- Age 60 with 15 years of service

Pension
Benefit
Payment

- At age 55 if age and creditable service total at least 85 ("Rule of 85")
- Early retirement with reduced benefits between ages 50-59 with 15 years of service
- Age 70 with 20 years of service ${ }^{1}$
- Special provisions for certain elected officials

Automatic eligibility for withdrawal once
a member separates from service ${ }^{2}$

Eligibility for
Disability
Benefit
Payment

- Qualified for Social Security disability benefits and furnished proof of qualification
- In PERF-covered service at the Social Security disability onset date
- Minimum of five years of service

Automatic eligibility for withdrawal if receiving a disability benefit

| Benefit | Lifetime Annual Benefit $=($ Years of Creditable |  |
| :--- | :--- | :--- |
| Formula | Service $\times$ Final Average Annual Salary $\times .011)+$ | Not applicable |

[^2]Not applicable

[^3]Fund Highlights, continued

## Teachers' Retirement Fund

## Defined Benefit (Pension)

## Vesting

10 years of TRF and/or PERF-covered service

## Employer pays 100 percent

- No member contributions
- Employer contribution rate is determined annually


## Contributions

 by the INPRS Board for the 1996 Account based on recommendations by the INPRS actuary- Pre-1996 Account is funded by State General Fund appropriations and state lottery proceeds


## Annuity Savings Account (ASA)

## Immediate

Mandatory 3 percent of gross wages paid by:

- Employer, or
- Member, or
- Shared by member and employer


## Voluntary Contributions

- Member can elect to contribute additional monies
- Member's voluntary contributions may be preor post-tax if their employer has submitted a resolution to participate and the member elects to do so within the election window
- Age 65 with 10 years of service

Pension
Benefit Payment

Age 60 with 15 years of service

- At age 55 if age and creditable service total at least 85 ("Rule of 85 ")
- Early retirement with reduced benefits between ages 50-59 with 15 years of service
- Age 70 with 20 years of service ${ }^{1}$

Automatic eligibility for withdrawal once a member separates from service ${ }^{2}$

Eligibility for Disability Benefit Payment

- Qualified for Social Security disability benefits and furnished proof of qualification
- In TRF-covered service at the Social Security disability onset date
- Minimum of five years of service
- TRF classroom disability may be available for those who do not qualify for Social Security disability guidelines

Automatic eligibility for withdrawal if receiving a disability benefit

Benefit Formula

Lifetime Annual Benefit $=$ (Years of Creditable Service x Final Average Annual Salary x .011) + Annuity Savings Account ${ }^{3}$

## Not applicable

## Cost of Living

Allowance (COLA)

Allowances are granted by the Indiana General Assembly on an ad hoc basis.

Not applicable

[^4]Fund Highlights, continued

## 1977 Police Officers' and Firefighters' Pension and Disability Fund

## Vesting 20 years of covered service

## Employer Contributions

- Employer contribution rate is adopted by the INPRS Board of Trustees based on recommendations by the INPRS actuary.


## Contributions

## Member Contributions

- Member must also contribute 6 percent of first-class salary for the term of the member's employment up to 32 years.
- Employers have the option of making all or part of this contribution on behalf of the member.

| Eligibility for | Age 52 with 20 years of service |  |
| :--- | :--- | :--- |
| Pension | $\square$ | Deferred Retirement Option Plan (DROP) available to members who are eligible for an unreduced |
| Benefit |  | retirement - members continue to work and earn a salary while accumulating a DROP benefit |
| Payment | $\square$ | Early retirement with reduced benefits at age 50 |

Eligibility for
Disability
Benefit
Payment

Pre-1990 Disability Plan (for members hired prior to Jan. 1, 1990):
If eligible, member receives disability benefits equal to member's full normal retirement benefit at age 52 for member's lifetime, if found to have incurred a disability in the line of duty, or until age 52 if member's disability was not incurred in the line of duty.

1990 Disability Plan (for members hired after Dec. 31, 1989, or those electing coverage under the 1990 Plan):
If eligible, member receives disability benefits based on member's class of impairment. Member's class of impairment determines the base monthly benefit and the degree of impairment determines member's additional monthly benefit.

## Benefit <br> Formula

Annual Benefit $=50$ percent $^{1}$ of first-class salary for 20 years of service.

## Cost of Living <br> Allowance (COLA)

Cost of living allowance is a percentage determined by statute equal to the change in the Consumer Price Index, but not in excess of a 3 percent increase.

[^5]
## Judges' Retirement System

## Vesting 8 years of covered service

## Employer Contributions

- Actuarially determined State General Fund appropriations
- Certain court and docket fees


## Contributions Member Contributions

- A member of either the 1977 or 1985 Judges' Retirement System is required to contribute 6 percent of the member's salary for a maximum period of 22 years.
- No contributions are due to either retirement system during the time that a member is not employed as a judge or for any period of service as a senior judge.

Eligibility for
Pension
Benefit
Payment

Member will be eligible for normal retirement with full benefits if:

- Age 65 with at least eight years of service credit
- At least age 55 and age in years plus years of creditable service is at least 85 ("Rule of 85 ")
- Early retirement with reduced benefits at age 62 and at least eight years of service credit

Eligibility for
Disability Benefit
Payment

Member is considered to be disabled if the INPRS Board has received a written certification of member's disability by two licensed and practicing physicians appointed by the INPRS Board. This certification must state that the member is totally incapacitated from earning a livelihood and the member's condition is likely permanent.

The salary that was paid to the member at the time of separation from service, multiplied by a percentage based on years of service will determine the amount of the disability benefit.

A participant receiving disability benefits must be re-examined at least once a year. If a participant is no longer disabled, benefits stop as of the date of the physician examination, unless the participant meets the requirements for a retirement benefit.

## Benefit <br> Formula

Member is entitled to a monthly benefit payable for life in an amount calculated according to Indiana statutes. The calculation is based on the applicable salary multiplied by a percentage based on years of service.

Early retirement benefits are reduced by 0.1 percent for each month that the member's retirement precedes member's 65th birthday. This does not apply to those judges who are separated from service because of permanent disability.

[^6]Fund Highlights, continued

## State Excise Police, Gaming Agent, Gaming Control Officer and Conservation Enforcement Officers' Retirement Plan

## Vesting $\quad 15$ years of covered service

## Contributions

Employer: Employer contribution rate is adopted by the INPRS Board of Trustees based on recommendations by the INPRS actuary.

Member: Member is required to contribute 4 percent of member's annual salary. The contribution is made through payroll deduction and is deposited in member's account.

The mandatory retirement age for participants of this plan is 65 . Member is eligible for early retirement if:

Eligibility for
Pension
Benefit
Payment

- Age 45 with at least 15 years of creditable service (reduced benefit)
- At least age 50 with at least 25 years of service (unreduced benefit)
- At least age 55 and age plus years of service equal 85 (unreduced benefit)
- Deferred Retirement Option Plan (DROP) - continue to work and earn a salary while accumulating a DROP benefit (unreduced benefit)

The Board of Trustees of the Indiana Public Retirement System (INPRS), or its designee, determines the degree of impairment of any officer determined to be disabled; and whether the disability arose in the line of duty (as defined in the statute).
Eligibility for Disability Benefit Payment

Disability benefits may not be provided for any disability:

- Resulting from an intentional self-inflicted injury or attempted suicide.
- Resulting from the member's commission or attempted commission of a felony.
- That begins within two years after a member's entry or re-entry into active service on the force and which was caused or contributed to by a mental or physical condition, which existed before the member entered or re-entered active service.


## Benefit <br> Formula

A normal retirement benefit is equal to 25 percent of member's average annual salary, increased by 1.67 percent of member's average annual salary for each completed year of creditable service more than 10 years. "Average annual salary" means the average annual salary of an officer during the five years of highest annual salary in the 10 years immediately preceding an officer's retirement date, determined without regard to any pre-tax salary reduction agreement.

A reduced benefit is calculated the same as a regular retirement but is reduced by 0.25 percent for each full month that precedes the attainment of member's 60th birthday.

Cost of Living Allowance (COLA)

Cost of living allowance is applied at the same rate as was granted by the Indiana General Assembly for the Public Employees' Retirement Fund.

## Prosecuting Attorneys' Retirement Fund

Vesting 8 years of covered service

| Contributions | Employer Contributions <br> Actuarially determined State General Fund appropriations |
| :---: | :---: |
|  | Member Contributions |
|  | A prosecuting attorney or chief deputy prosecuting attorney must contribute 6 percent of the statepaid portion of member's salary. This 6 percent contribution will be withheld by the Auditor of the State. |
|  | Prosecuting attorneys and chief deputy prosecuting attorneys are also PERF members, and the member's mandatory 3 percent PERF ASA contributions are paid on member's behalf by the state. |

Eligibility for
Pension

- At age 62 with at least eight years of creditable service (reduced benefit)

Benefit

- At age 65 with at least eight years of creditable service (unreduced benefit)

Payment

- Member was serving on or began service after July 1, 2006
- Member has at least 10 years of creditable service if member ended service before July 1, 2006

A member who becomes disabled while in active service may receive monthly benefits for the duration of member's disability if:

- The member has at least five years of creditable service; and
- The member is qualified for Social Security disability benefits (or has qualified for federal civil service disability benefits and has provided proof of qualification).

Eligibility for Disability Benefit Payment

The member's disability is subject to verification at least once a year until member reaches age 65.

## Amount

The annual salary (state portion only) that a member was receiving at the time of separation from service, multiplied by a percentage based on years of service will determine the amount of the member's benefit. Disability benefits paid from the Prosecutors' Fund are reduced by pension benefits paid from PERF.

## Benefit Formula

If a member is eligible and applies for a benefit at 65 years of age, the member is eligible for an annual retirement benefit. The highest state portion of an annual salary (state portion only) paid to the participant before separation from service multiplied by a percentage based on years of service will determine the amount of the member's benefit.

If a member is not 65 years of age, a member is entitled to receive a reduced annual retirement benefit that equals the benefit that would be payable if the member was age 65 reduced by 0.25 percent for each month that the member's age at retirement precedes the member's 65 th birthday.

## Cost of Living

Allowance
(COLA)

## Legislators' Retirement System

## Defined Benefit Plan

| Vesting | 10 years of service in the General Assembly ${ }^{1}$ |
| :--- | :--- |
|  | Employer Contributions <br> Actuarially determined State General Fund |
| Contributions | appropriations |

No member contributions

## Defined Contribution Plan

Eligibility for
Pension
Benefit
Payment

## Normal Retirement with Unreduced Benefits

- At least age 65 with 10 years or more of creditable service as a member of the General Assembly (or meet the requirements for disability benefits under this plan); or
■ At least age 60 with at least 15 years of service as a member of the General Assembly; or
■ At least age 55 and years of service plus age equal at least 85 .

Early Retirement with a Reduced Pension Benefit

- At least age 55
- Has terminated service in the General Assembly,
- Are not receiving, nor are entitled to receive, compensation from the state for work in any capacity and;
- Has achieved vested status, or 10 years of creditable service.

Immediate ${ }^{2}$

## Employer Contributions

The state contribution is determined by multiplying the member's salary for that year by a percentage determined by the INPRS Board and confirmed by the State Budget Agency not to exceed the total contribution rate paid that year by the state to INPRS for state members.

## Member Contributions

The member must contribute 5 percent of member's salary for service after June 30, 1989. ${ }^{3}$

Automatic eligibility for withdrawal once member separates from service.

- Has at least five years of creditable service as a member of the General Assembly,
Eligibility for
Disability
Benefit
Payment


## Benefit

Formula

Monthly benefit is the lesser of:
■ $\$ 40 \times$ Years of service before November 8, 1989 or

- Highest consecutive three-year average annual salary at termination $\div 12$


## Not applicable

Cost of
Living
Allowance
(COLA)

Cost of living allowance is applied at the same rate as was passed by the Indiana General Assembly for the PERF plan.

No cost of living allowance is provided.

[^7]

INDIANA PUBLIC RETIREMENT SYSTEM 2012 COMPREHENSIVE ANNUAL FINANCIAL REPORT For the Fiscal Year Ended June 30, 2012

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## INDEPENDENT AUDITOR'S REPORT

## TO: THE OFFICIALS OF THE INDIANA PUBLIC RETIREMENT SYSTEM BOARD OF TRUSTEES

We have audited the accompanying financial statements of the Indiana Public Retirement System Board of Trustees, as of and for the year ended June 30, 2012. These financial statements are the responsibility of the Indiana Public Retirement System Board of Trustees' management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Indiana Public Retirement System Board of Trustees' internal control over reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Indiana Public Retirement System Board of Trustees, as of June 30, 2012, and the respective changes in the financial position thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis, Schedule of Funding Progress, and Schedule of Employer Contributions be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.


## STATE OF INDIANA

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INDEPENDENT AUDITOR'S REPORT
(Continued)

Our audit was conducted for the purpose of forming an opinion on the financial statements taken as a whole. The Schedule of Administrative and Project Expenses, Schedule of Investment Expenses, and Schedule of Contractual and Professional Service Expenses are presented for purposes of additional analysis and are not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Administrative and Project Expenses, Schedule of Investment Expenses, and Schedule of Contractual and Professional Service Expenses are fairly stated in all material respects in relation to the financial statements as a whole.

Our audit was conducted for the purpose of forming an opinion on the financial statements taken as a whole. The Introductory Section, Investment Section, Actuarial Section, and Statistical Section are presented for the purposes of additional analysis and are not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on them.

T
his section presents Management's Discussion and Analysis (MD\&A) of the Indiana Public Retirement System (INPRS) financial position and performance for the fiscal year ended June 30, 2012. The MD\&A is presented as a narrative overview and analysis in conjunction with the Letter of Transmittal included in the Introductory Section of the INPRS Comprehensive Annual Financial Report (CAFR). The MD\&A should also be read in conjunction with the Financial Statements, the Notes to the Financial Statements, Required Supplementary Information, and the Other Supplementary Schedules presented in the Financial Section of the CAFR.

Prior to July 1, 2011, the retirement plans for public employees in the State of Indiana were administered by independent instrumentalities governed by separate boards of appointed trustees, including the Public Employees' Retirement Fund and the Indiana State Teachers' Retirement Fund. Legislation adopted in 2010 called for a consolidation of these entities, which began with the appointment of a joint Executive Director in May 2010, and resulted in the creation, effective July 1, 2011, of INPRS.

INPRS is an independent instrumentality of the State of Indiana, administering eight (8) pension trust funds including seven (7) Defined Benefit retirement plans and one (1) Defined Contribution retirement plan, two (2) other employment benefit trust funds, and one (1) investment trust fund. The following retirement plans and non-retirement funds are included in the INPRS financial statements. In this regard, refer to the Notes to the Financial Statements for descriptions of these retirement plans and non-retirement funds.

## Defined Benefit Retirement Plans:

1. Public Employees' Retirement Fund (PERF)
2. Indiana State Teachers' Retirement Fund (TRF)
3. 1977 Police Officers' and Firefighters' Pension and Disability Fund (1977 Fund)
4. Judges' Retirement System (JRS)
5. State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan (E,G,\&C Plan)
6. Prosecuting Attorneys' Retirement Fund (PARF)
7. Legislators' Retirement System - Legislators' Defined Benefit Plan (LEDB Plan)

Defined Contribution Retirement Plan:

1. Legislators' Retirement System - Legislators' Defined Contribution Plan (LEDC Plan)

Other Employment Benefit Trust Funds:

1. State Employees' (SE) Death Benefit Fund
2. Public Safety Officers' (PSO) Special Death Benefit Fund

Investment Trust Fund:

1. Pension Relief Fund (PR Fund)

INPRS is governed by a nine-member Board of Trustees, appointed by the Governor pursuant to the following criteria:
A. One (1) trustee with experience in economics, finance, or investments
B. One (1) trustee with experience in executive management or benefits administration
C. One (1) trustee who is an active or retired member of the 1977 fund
D. Two (2) trustees who are TRF members with at least 10 years of creditable service
E. One (1) trustee who is a PERF member with at least 10 years of creditable service
F. Director of the State Budget Agency, or designee
G. Auditor of State, or nominee
H. Treasurer of State, or nominee

Each retirement plan will continue as a separate plan under the oversight of the INPRS Board of Trustees. INPRS is not a merger of the PERF and TRF retirement plans, and neither the assets nor the liabilities of one retirement plan become the assets or liabilities of the other. Individual funded status for each plan will continue to be calculated separately. The consolidation of retirement plan administration is anticipated to enable greater efficiency, by eliminating duplication of efforts and by pooling assets together for investment purposes.

## Financial Highlights

■ Total net assets of INPRS were $\$ 25,564$ million as of June 30, 2012. Net assets of the retirement plans, which are held in trust to meet future benefit payments, were $\$ 25,547$ million as of June 30, 2012. The remaining $\$ 17$ million of net assets are held in trust to meet future death benefits and local unit withdrawals from the Pension Relief Fund.

■ Total net assets of INPRS decreased by \$192 million, or (0.7) percent, during fiscal year 2012. Deductions of $\$ 2,409$ million were largely offset by contributions of $\$ 2,031$ million, net investment income of $\$ 173$ million, and other additions of $\$ 13$ million.

- INPRS contributions primarily from employers and members increased to $\$ 2,031$ million during fiscal year 2012, or by $\$ 107$ million ( 5.6 percent) from contributions of $\$ 1,924$ million during fiscal year 2011.

■ The INPRS rate of return on the Consolidated Defined Benefit Assets for fiscal year 2012 was 0.7 percent, or $\$ 173$ million, on a market value basis, compared to a return of 19.9 percent for the Public Employees' Retirement Fund and 18.0 percent for the Indiana State Teachers' Retirement Fund, or \$3,943 million, for fiscal year 2011.

- INPRS paid $\$ 2,354$ million in pension and disability benefits, special death benefits, distributions of contributions and interest, and pension relief distributions during fiscal year 2012. This represented an increase of $\$ 99$ million, or 4.4 percent, from the $\$ 2,255$ million paid during fiscal year 2011.
- Net assets of the Pension Relief Fund, which are held in trust for pool participants, were $\$ 18.4$ million as of June 30, 2012, compared to $\$ 52.9$ million as of June 30, 2011. PR Fund distributions are mandated by state law. The necessary funds required to pay the PR Fund distributions come primarily from State General Fund appropriations, State cigarette and alcohol taxes, and State lottery proceeds.
- INPRS membership was 447,651 as of June 30, 2012. There were 230,703 active members, 126,813 benefit recipients, 27,887 terminated vested members, and 62,248 terminated non-vested members.
- As of June 30, 2012, the date of the most recent actuarial valuation, the aggregate INPRS (excluding the TRF Pre-1996 Account Pay-As-You-Go plan) funded ratio was 81.2 percent. This represents a decrease of 3.7 percentage points from the 84.9 percent funded ratio as of June 30, 2011. The decrease was primarily due to the reduction in the interest rate / investment return assumption from 7.0 percent to 6.75 percent. In addition, since INPRS smoothes market gains and losses over four years, the decrease is also due to a loss on the Actuarial Value of Assets from smoothing investment losses that occurred in fiscal year 2009, as well as the INPRS rate of return being only 0.7 percent for fiscal year 2012 versus the actuarial-assumed 7.0 percent return.


## Overview of the Financial Statements

The MD\&A is intended to serve as an introduction and overview of the Financial Section in the INPRS CAFR. The INPRS CAFR Financial Section is comprised of four (4) components: (1) Financial Statements, (2) Notes to the Financial Statements, (3) Required Supplementary Information, and (4) Other Supplementary Schedules. The information available in each of these sections is briefly summarized as follows:

## 1. Financial Statements

The Statement of Fiduciary Net Position presents information on INPRS assets and liabilities and the resulting net assets held in trust for pension benefits, death benefits and pool participants. This statement reflects INPRS investments, at fair value, along with cash, receivables, and other assets and liabilities at June 30, 2012 and June 30, 2011. This statement indicates the net assets available to pay future pension and death benefits and gives a snapshot at a particular point in time.

The Statement of Changes in Fiduciary Net Position presents information showing how INPRS net assets held in trust for pension benefits, death benefits and pool participants changed during the fiscal years ended June 30, 2012 and June 30, 2011. This statement reflects additions primarily from contributions by employers, members, and State appropriations, lottery proceeds and taxes, as well as net investment income resulting from investing and securities lending activities during the period. This statement also includes deductions for pension, disability and death benefit distributions, PR Fund distributions and withdrawals, administrative and project expenses, and other deductions.

## 2. Notes to the Financial Statements

The Notes to the Financial Statements are an integral part of the financial statements and provide additional detailed information that is essential for a full understanding of the data provided in the INPRS financial statements.

Note 1. - provides a general description of the retirement plans administered by INPRS. Information regarding membership, retirement benefits, and disability and survivor benefits for each of the retirement plans is also provided.

Note 2. - provides a description of the non-retirement funds.

Note 3. - provides a summary of significant accounting policies, including the basis of accounting,
investment accounting policies, management's use of estimates, and other significant accounting policies.

Note 4. - provides information about member and employer contributions for each retirement plan.

Note 5. - provides information on deposits and investments.

Note 6. - provides information on derivative financial instruments.

Note 7. - provides information on long-term commitments for alternative investments.

Note 8. - provides information on risk management.

Note 9. -- provides information on contingent liabilities.

Note 10. - provides information on the funded status and actuarial information for each of the defined benefit retirement plans.

Note 11. - provides information on subsequent events to fiscal year end 2012.

Note 12. - summarizes the Required Supplementary Information and Other Supplementary Schedules.

## 3. Required Supplementary Information

Because of the long-term nature of public defined benefit pension plans, financial statements for the past fiscal year alone cannot provide sufficient information to properly reflect the funding progress of the plans. Therefore, in addition to the basic financial statements, two (2) required schedules of historical trend information related to the defined benefit plans are presented as Required Supplementary Information (RSI) in the INPRS CAFR Financial Section. The two (2) RSI schedules consist of a Schedule of Funding Progress and a Schedule of Contributions from Employers and Other Contributing Entities. These two (2) schedules are based on the actuarial valuations performed by the INPRS actuaries. The actuarial information is based upon assumptions made about future events at the time the valuations were performed; and therefore, the amounts presented are management's estimates. The Actuarial Section of the INPRS CAFR provides additional actuarial-related information.

## 4. Other Supplementary Schedules

The Other Supplementary Schedules consist of a Schedule of Administrative and Project Expenses, Schedule of Investment Expenses, and Schedule of Contractual and Professional Services Expenses.

## Financial Analysis

## Statement of Fiduciary Net Position

As shown in the table on the next page, the total net assets for INPRS were $\$ 25,564$ million as of June 30, 2012, which represents a decrease of $\$ 192$ million, or ( 0.7 ) percent, compared to total net assets of $\$ 25,756$ million as of June 30, 2011.

Management's Discussion and Analysis, continued

## Net Position

(dollars in thousands)


Total assets of INPRS were $\$ 29,694$ million as of June 30,2012 , compared to $\$ 28,213$ million as of June 30, 2011, which represents an increase in total assets of $\$ 1,481$ million, or 5.3 percent. The primary reasons for this increase are as follows:

- Cash decreased by $\$ 89$ million, or (76.0) percent, primarily driven by an extra benefit payment ( $\$ 90$ million) during fiscal year 2012 for TRF benefit recipients (13 benefit payments paid during fiscal year 2012 for TRF, resulting from July 1, 2012, being on a weekend and the payment was made on June 29, 2012).
- Securities Lending Collateral increased by $\$ 898$ million, as the program was reinstated with the new custodian, BNY Mellon, after the program was temporarily discontinued late in fiscal year 2011 due to the pending change to a new custodian on July 1, 2011.
- Receivables increased by $\$ 21$ million, or 1.1 percent, primarily due to an increase in the receivable for investments sold driven by timing of transactions at the end of fiscal year 2012.
- Investments increased by $\$ 596$ million, or 2.3 percent, driven primarily by the positive rate of return on investments of 0.7 percent for fiscal year 2012. More significant than the increase in investments is the change in asset classes. Equities decreased by $\$ 4,036$ million (39 percent), fixed income increased by $\$ 2,803$ million ( 32 percent), short-term investments increased by $\$ 23$ million ( 1 percent), and other (alternative) investments increased by $\$ 1,806$ million ( 41 percent). These changes reflect the overall investment strategy to decrease equity exposure and increase exposure in fixed income and other investments to diversify the investment portfolio. These changes also reflect the decision to invest PERF

Guaranteed Fund assets in short-dated fixed income instruments to better risk match the return offered to participants.

- Net Capitalized Assets increased by $\$ 0.5$ million, or 4.7 percent, due to the capitalization of software costs related to the modernization projects, partially offset by the write-off of tenant improvements related to real estate held as an investment. These improvements are now included as part of the value of the investment.
- All Other Assets increased by $\$ 55$ million, or 130.8 percent, due to an increase in repurchase agreements in fiscal year 2012.

Total liabilities of INPRS were $\$ 4,130$ million as of June 30, 2012, compared to $\$ 2,457$ million as of June 30, 2011, which represents an increase in total liabilities of $\$ 1,673$ million, or 68.1 percent. The primary reasons for the increase are as follows:

Investments Payable increased by $\$ 863$ million, or 39.2 percent, due to the timing of transactions at the end of fiscal year 2012.

- Securities Lending Obligations increased by $\$ 898$ million as the program was reinstated with the new custodian after the program was temporarily discontinued in late fiscal year 2011 due to the pending change to a new custodian on July 1, 2011.

■ All Other Liabilities decreased by $\$ 88$ million, or (34.7) percent, primarily due to a $\$ 99$ million decrease in TRF retirement benefits payable since the TRF monthly benefit payments for July 2012 were paid in June 2012 due to the payment date of July 1 being on a weekend.

A summary of net assets by fund compared to the prior fiscal year is as follows:

## Summary of Net Position by Fund

(dollars in thousands)

|  | $\begin{gathered} \text { June 30, } \\ 2012 \end{gathered}$ |  | $\begin{gathered} \text { June } 30, \\ 2011 \end{gathered}$ | Increase/ (Decrease) |  | Percentage Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PERF | \$ 12,243,755 | \$ | 12,461,356 | \$ | $(217,601)$ | (1.7)\% |
| TRF | 9,077,059 |  | 9,121,738 |  | $(44,679)$ | (0.5) |
| 1977 Fund | 3,817,013 |  | 3,721,366 |  | 95,647 | 2.6 |
| JRS | 262,326 |  | 256,986 |  | 5,340 | 2.1 |
| E,G,\&C Plan | 76,543 |  | 75,305 |  | 1,238 | 1.6 |
| PARF | 27,689 |  | 26,478 |  | 1,211 | 4.6 |
| LEDB Plan | 3,385 |  | 3,645 |  | (260) | (7.1) |
| LEDC Plan | 25,579 |  | 24,755 |  | 824 | 3.3 |
| SE Death Benefit Fund | 7,683 |  | 7,347 |  | 336 | 4.6 |
| PSO Special Death Benefit Fund | 4,683 |  | 3,758 |  | 925 | 24.6 |
| PR Fund | 18,411 |  | 52,939 |  | $(34,528)$ | (65.2) |
| Total Net Assets | \$ 25,564,126 | \$ | 25,755,673 | \$ | $(191,547)$ | (0.7)\% |

# FINANCIALSECTION <br> Management's Discussion and Analysis, continued 

## Liquidity

The System's defined benefit liquidity needs are met through employer and other contributions, earnings from investments, and the well diversified portfolio of INPRS. On June 30, 2012, INPRS held over $\$ 5.3$ billion in Money Market Sweep Vehicles and U.S. Government and Agency Securities. INPRS also held over \$1.6 billion in highly liquid, Large-Cap Domestic Equities. Because of their characteristics, investments in Non-U.S. Government Bonds, Corporate Bonds, Asset-backed Securities, other Domestic Equities, and International Equities are not considered a primary source of liquidity. Investments in Private Equity, Real Estate, and Alternative Investments are generally considered illiquid.

## Statement of Changes in Fiduciary Net Position

As shown in the table below, the total net assets for INPRS decreased by $\$ 192$ million, or ( 0.7 ) percent, for fiscal year 2012, compared to a total net assets increase of $\$ 3,574$ million as of June 30, 2011. A summary of changes in net position during the fiscal years ended June 30, 2012 and June 30, 2011, is presented below:

## Changes in Net Position

(dollars in thousands)

## Additions

Member Contributions
Employer Contributions
Other Contributions
Net Investment Income
Other Additions
Total Additions

## Deductions

Benefits - Pension, Disability, Death
Distributions of Contributions and Interest
Pension Relief Distributions
Administrative Expenses
Project Expenses
All Other Deductions

## Total Deductions

Net Increase / (Decrease) in Net Assets
Changes in Net Assets Held in Trust for:
Pension Benefits
Future Death Benefits ${ }^{1}$
Local Units ${ }^{2}$

| $\$$ | $2,034,849$ |
| :---: | ---: |
|  | 95,431 |
|  | 224,220 |
|  | 31,489 |
|  | 9,359 |
|  | 13,275 |
| $\$$ | $2,408,623$ |
| $\$$ | $(191,547)$ |

$\$ \quad(158,280)$
1,261
$(34,528)$

| $\$$ | $1,944,624$ |
| ---: | ---: |
|  | 91,447 |
|  | 219,425 |
|  | 31,824 |
|  | 4,094 |
|  | 18,304 |
| $\$$ | $2,309,718$ |
| $\$ \quad 3,573,509$ |  |


| \$ | 90,225 | 4.6 \% |
| :---: | :---: | :---: |
|  | 3,984 | 4.4 |
|  | 4,795 | 2.2 |
|  | (335) | (1.1) |
|  | 5,265 | 128.6 |
|  | $(5,029)$ | (27.5) |
| \$ | 98,905 | 4.3 \% |
|  | 765,056) | (105.4)\% |

${ }^{1}$ Other Employee Benefit Trust Funds.
${ }^{2}$ Pension Relief Fund only.

Additions to the net position of INPRS needed to finance retirement benefits are accumulated primarily through contributions and investment income. Total additions for INPRS were $\$ 2,217$ million for fiscal year 2012, compared to $\$ 5,883$ million for fiscal year 2011, which represents a decrease in total additions of $\$ 3,666$ million, or (62.3) percent. The primary reasons for the decrease are as follows:

■ Employer Contributions increased by $\$ 112$ million, or 7.5 percent, primarily due to an increase in PERF employer contributions of $\$ 66$ million largely driven by an increase in the PERF employer contribution rates due to poor investment returns in fiscal year 2008 and fiscal year 2009. In addition, there was an increase of $\$ 42$ million in State of Indiana General Fund appropriations mainly due to higher TRF Pre-1996 Account and Pension Relief Fund appropriations.

- Other Contributions decreased by $\$ 11$ million, or (10.6) percent, primarily due to a decline in lottery proceeds. Fiscal year 2011 included a one-time increase of $\$ 10$ million in lottery proceeds due to a change in the timing of receipts.

■ Net Investment Income declined by $\$ 3,770$ million, or (95.6) percent, driven by a 0.7 percent return on Consolidated Defined Benefit Assets in fiscal year 2012 compared to a 19.9 percent return for the Public Employees' Retirement Fund and an 18.0 percent return for the Indiana State Teachers' Retirement Fund in fiscal year 2011. The significant difference was primarily due to a difficult and uncertain macroeconomic environment, specifically in the first quarter of fiscal year 2012. Weaker than expected GDP, the United States debt downgrade, and renewed fears regarding Europe's fiscal situation all negatively contributed to the performance in fiscal year 2012.

- Other Additions declined by $\$ 2$ million, or (15.7) percent, due to a decline in interfund transfers which by their nature, can fluctuate significantly from year to year.

Benefit payments, distributions of contributions and interest to members who terminate employment, administrative expenses and project expenses primarily comprise the INPRS expenses, or deductions from net position. Total deductions for INPRS were $\$ 2,409$ million for fiscal year 2012, compared to $\$ 2,310$ million for fiscal year 2011, which represents an increase in total deductions of $\$ 99$ million, or 4.3 percent. The primary reasons for the increase are as follows:

- Pension, Disability and Death Benefits increased by $\$ 90$ million, or 4.6 percent, due to an increase in the number of retirees.
- Project Expenses increased by $\$ 5$ million, or 128.6 percent, primarily due to a higher amount of the project expenses for the Employer Reporting and Maintenance modernization program, as well as the development and infrastructure project work for the Indiana Pension Administration System modernization program, being incurred in fiscal year 2012 versus fiscal year 2011.
- All Other Deductions declined by $\$ 5$ million, or (27.5) percent, due to lower local unit withdrawals and interfund transfers which by their nature, can fluctuate significantly from year to year.


## Consolidated Defined Benefit Asset Allocation and Rate of Return on Investments

Effective October 28, 2011, the INPRS Board of Trustees approved the new strategic allocation for the Consolidated Defined Benefit Assets. Substantially all of the investments for the retirement plans administered by INPRS are pooled in the Consolidated Defined Benefit Retirement Assets. The following table presents

Management's Discussion and Analysis, continued
the INPRS Consolidated Defined Benefit Assets investment allocation as of June 30, 2012, compared to the INPRS current target investment allocation and actual allocation as of June 30, 2011.

## Consolidated Defined Benefit Asset Allocation

|  | June 30, 2012 Actual | June 30, 2012 Target | June 30, 2011 Actual | Allowable Range For Investments ${ }^{1}$ |
| :---: | :---: | :---: | :---: | :---: |
| Public Equity | 25.2\% | 22.5\% | 41.8\% | 20.0\% to 25.0\% |
| Private Equity | 13.3 | 10.0 | 9.8 | 7.0\% to 13.0\% |
| Fixed Income - Ex Inflation-Linked | 25.1 | 22.0 | 25.6 | 19.0\% to 25.0\% |
| Fixed Income - Inflation-Linked | 10.5 | 10.0 | 8.6 | 7.0\% to 13.0\% |
| Commodities | 7.9 | 8.0 | 3.7 | 6.0\% to 10.0\% |
| Real Estate | 4.7 | 7.5 | 4.3 | 4.0\% to 11.0\% |
| Absolute Return | 6.3 | 10.0 | 6.2 | 6.0\% to $14.0 \%$ |
| Risk Parity | 7.0 | 10.0 | 0.0 | 5.0\% to 15.0\% |
| Total | 100.0\% | 100.0\% | 100.0\% |  |

${ }^{1}$ See Notes to the Financial Statements, Note 5. for additional information.

During fiscal year 2012, INPRS shifted the asset allocation to reflect the overall investment strategy to decrease equity exposure and increase exposure in fixed income, commodities, risk parity, and other investments to diversify the investment portfolio.

The Consolidated Defined Benefit Assets (i.e., INPRS-controlled asset allocation) rate of return on investments was positive 0.7 percent for fiscal year 2012, compared to the 7.0 percent actuarial-assumed long-term rate of return. The following provides a brief summary of the rate of return for each asset class for fiscal year 2012, compared to the respective benchmark for each asset class. The Investment Section provides additional information for the INPRS investments.

- Public Equity, which seeks to provide long-term capital appreciation and income through exposure to public equity securities, had a return on investment of negative (6.1) percent for fiscal year 2012. This return compared 0.8 percentage points favorable to the benchmark of negative (6.9) percent for the MSCI All Country World IMI Index.
- Private Equity, which seeks to provide risk-adjusted returns in excess of the public equity markets while simultaneously decreasing the volatility of the INPRS investment portfolio through diversification, had a return on investment of positive 12.0 percent for fiscal year 2012. This return compared 5.2 percentage points favorable to the benchmark of positive 6.8 percent for the Russell 3000 Index plus 300 basis points.

■ Fixed Income - Ex Inflation-Linked, which seeks to generate current income and long-term risk-adjusted returns through investments in debt securities, had a return on investment of positive 6.7 percent for fiscal year 2012. This return was the same as the benchmark of positive 6.7 percent for the Barclays Capital Global Aggregate Index.
■ Fixed Income - Inflation-Linked, or Treasury Inflation Protected Securities (TIPS), which seeks to generate long-term risk-adjusted returns through investments in inflation-linked securities and to provide protection against unanticipated inflation, had a return on investment of positive 11.1 percent for fiscal year 2012. This return compared 2.2 percentage points favorable to the benchmark of positive 8.9 percent for the Barclays Capital Global Inflation-Linked Bond Index.

■ Commodities, which seek to enhance long-term risk-adjusted returns by preserving investment capital, lowering overall volatility, and providing a hedge against certain types of inflation, had a return on investment of negative (11.7) percent for fiscal year 2012. This return compared 0.8 percentage points favorable to the benchmark of negative (12.5) percent for a $50 / 50$ blend of the Dow Jones UBS Commodity Index and the Goldman Sachs Commodity Index.

- Real Estate, which seeks to generate attractive risk-adjusted returns by providing stable current income, preserving investment capital, and reducing volatility by providing a hedge against unanticipated inflation, had a return on investment of positive 9.0 percent for fiscal year 2012. This return compared (4.6) percentage points unfavorable to the benchmark of positive 13.6 percent for the NCREIF Open End Diversified Core Equity Index.
- Absolute Return, which seeks to enhance the long-term risk-adjusted returns by providing diversification benefits, while preserving capital and reducing volatility, had a return on investment of negative (2.5) percent for fiscal year 2012. This return compared 2.0 percentage points favorable to the benchmark of negative (4.5) percent for the HFRI Fund of Funds Composite Index.
- Risk Parity, which seeks to create risk-balance that is capable of delivering consistent and high riskadjusted returns in several macro-economic environments, had a return on investment of 1.0 percent since the inception date of March 14, 2012. This return compared 3.1 percentage points favorable to the benchmark of negative (2.1) percent for the blended benchmark of the MSCI ACWI IMI Index (equities 60 percent) and Barclays Global Aggregate Bond Index (40 percent).


## Actuarial Valuations and Funding Progress

The overall objective of a pension fund is to accumulate sufficient funds to meet all expected future obligations to members. A pension fund is fully funded when it has enough money in reserve to meet all expected future obligations to participants. The goal for the defined benefit retirement plans is to make progress toward achieving full funding.

The funded ratios of the defined benefit pension plans administered by INPRS as of the latest actuarial valuations were as follows:

## Historical Trends

|  | June 30, 2012 | June 30, 2011 |
| :---: | :---: | :---: |
| PERF | 76.6\% | 80.5\% |
| TRF 1996 Account | 90.7 | 91.7 |
| 1977 Fund | 91.9 | 98.8 |
| JRS | 59.4 | 62.1 |
| E,G,\&C Plan | 67.1 | 71.5 |
| PARF | 49.0 | 48.2 |
| LEDB Plan | 75.0 | 78.6 |
| Total INPRS (Excluding TRF Pre-1996 Account ${ }^{1}$ ) | 81.2\% | 84.9\% |
| TRF Pre-1996 Account ${ }^{1}$ | 30.1 | 32.0 |
| Total INPRS (Including TRF Pre-1996 Account ${ }^{1}$ ) | 60.8\% | 63.0\% |

${ }^{1}$ Pay-As-You-Go Plan
An analysis of the funding progress, employer contributions and a discussion of actuarial assumptions and methods is set forth in Note 10 and in the Required Supplementary Information of the Financial Section. For additional actuarial-related information, refer to the Actuarial Section of the CAFR.

Statement of Fiduciary Net Position
As of June 30, 2012 (with Comparative Totals for the Year Ended June 30, 2011)

| (dollars in thousands) | Pension Trust Funds |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Public <br> Employees' Retirement Fund | Teachers' Retirement Fund | 1977 Police Officers' and Firefighters' Pension and Disability Fund |  | Judges' Retirement System |  | State Excise <br> Police, Gaming <br> Agent, Gaming Control Officer, and Conservation Enforcement Officers' <br> Retirement Plan |  | Prosecuting Attorneys' Retirement Fund |  | Legislators' Defined Benefit Plan |  | Legislators' Defined Contribution Plan |  |
| Assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash | \$ 11,501 | \$ 11,358 | \$ | 316 | \$ | 106 | \$ | 240 | \$ | 50 | \$ | 1 | \$ | 27 |
| Securities Lending Collateral | 427,226 | 280,014 |  | 171,659 |  | 11,915 |  | 3,459 |  | 1,255 |  | 154 |  | 452 |
| Repurchase Agreements | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Receivables: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Contributions Receivable | 103,268 | 56,239 |  | 41,057 |  | 99 |  | 239 |  | 50 |  | - |  | 12 |
| Miscellaneous Receivables | (410) | 408 |  | 87 |  | 49 |  | - |  | 1 |  | - |  | 1,078 |
| Investments Receivable | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Interest and Dividends | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Due From Other Funds | 4,768 | 2,398 |  | - |  | - |  | - |  | - |  | - |  | 281 |
| Total Receivables | 107,626 | 59,045 |  | 41,144 |  | 148 |  | 239 |  | 51 |  | 0 |  | 1,371 |
| Investments: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Short Term Investments | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Fixed Income | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Equities | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Other Investments ${ }^{2}$ | 12,126,140 | 9,010,434 |  | 3,776,158 |  | 262,113 |  | 76,090 |  | 27,610 |  | ,394 |  | 24,185 |
| Total Investments | 12,126,140 | 9,010,434 |  | 3,776,158 |  | 262,113 |  | 76,090 |  | 27,610 |  | ,394 |  | 24,185 |
| Other Assets | 125 | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Gross Capitalized Assets | 12,217 | 2,886 |  | 214 |  | 8 |  | 8 |  | 6 |  | 1 |  | 3 |
| Less: Accumulated Depreciation and Amortization | $(3,272)$ | $(1,022)$ |  | (107) |  | (5) |  | (4) |  | (3) |  | (1) |  | (1) |
| Net Capitalized Assets | 8,945 | 1,864 |  | 107 |  | 3 |  | 4 |  | 3 |  | - |  | 2 |
| Total Assets | 12,681,563 | 9,362,715 |  | 3,989,384 |  | 274,285 |  | 80,032 |  | 28,969 |  | ,549 |  | 26,037 |
| Liabilities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Accounts Payable | 4,999 | 1,066 |  | 138 |  | 17 |  | 12 |  | 11 |  | 6 |  | 1 |
| Retirement Benefits Payable | 703 | 239 |  | 16 |  | - |  | - |  | - |  | 1 |  | - |
| Salaries and Benefits Payable | 2,116 | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Investments Payable | 85 | 10 |  | 1 |  | - |  | - |  | - |  | - |  | - |
| Securities Lending Obligations | 427,226 | 280,014 |  | 171,659 |  | 11,915 |  | 3,459 |  | 1,255 |  | 154 |  | 452 |
| Securities Sold Under Agreement to Repurchase | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Due to Other Funds | 2,679 | 4,327 |  | 557 |  | 27 |  | 18 |  | 14 |  | 3 |  | 5 |
| Total Liabilities | 437,808 | 285,656 |  | 172,371 |  | 11,959 |  | 3,489 |  | 1,280 |  | 164 |  | 458 |
| Net Assets Held in Trust for: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pension Benefits | 12,243,755 | 9,077,059 |  | 3,817,013 |  | 262,326 |  | 76,543 |  | 27,689 |  | ,385 |  | 25,579 |
| Future Death Benefits | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Local Units | - | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Total Net Assets Held in Trust | \$12,243,755 | \$ 9,077,059 | \$ | 3,817,013 |  | 262,326 | \$ | 76,543 | \$ | 27,689 | \$ | ,385 | \$ | 25,579 |

[^8]
# FINANCIAL SECTION 

Statement of Fiduciary Net Position, continued
As of June 30, 2012 (with Comparative Totals for the Year Ended June 30, 2011)

| Other Employment |
| :---: |
| Benefit Trust Funds | | Investment |
| :---: |
| Trust Fund |


| (dollars in thousands) | State Employees' Death Benefit Fund |  | Public Safety Officers' Special Death Benefit Fund |  | Pension Relief Fund |  | Unitized Investment Allocation ${ }^{2}$ |  | 2012 Totals |  | 2011 Totals ${ }^{3}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Assets |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash | \$ | - | \$ | 215 | \$ | 4,315 | \$ | 5 | \$ | 28,134 | \$ | 117,339 |
| Securities Lending Collateral |  | 1,010 |  | 587 |  | - |  | - |  | 897,731 |  |  |
| Repurchase Agreements |  | - |  | - |  | - |  |  |  | 97,490 |  | 42,300 |
| Receivables: |  |  |  |  |  |  |  |  |  |  |  |  |
| Contributions Receivable |  | - |  | - |  | - |  | - |  | 200,964 |  | 204,454 |
| Miscellaneous Receivables |  | - |  | - |  | - |  | - |  | 1,213 |  | 1,287 |
| Investments Receivable |  | - |  | - |  | - |  |  |  | 1,696,092 |  | 1,658,174 |
| Interest and Dividends |  | - |  | - |  | - |  |  |  | 86,947 |  | 81,050 |
| Due From Other Funds |  | - |  | - |  | - |  | 91 |  | 7,638 |  | 26,953 |
| Total Receivables |  | - |  | - |  | - |  |  |  | 1,992,854 |  | 1,971,918 |
| Investments: |  |  |  |  |  |  |  |  |  |  |  |  |
| Short Term Investments |  | - |  | - |  | - |  |  |  | 2,494,039 |  | 2,471,198 |
| Fixed Income |  | - |  | - |  | - |  |  |  | 11,672,834 |  | 8,870,077 |
| Equities |  | - |  | - |  | - |  |  |  | 6,281,118 |  | 0,317,270 |
| Other Investments ${ }^{2}$ |  | 7,683 |  | 4,468 |  | 14,116 |  | 48) |  | 6,219,243 |  | 4,412,503 |
| Total Investments |  | 7,683 |  | 4,468 |  | 14,116 |  |  |  | 26,667,234 |  | 6,071,048 |
| Other Assets |  | - |  | - |  | - |  | - |  | 125 |  |  |
| Gross Capitalized Assets |  | - |  | - |  | 2 |  | - |  | 15,345 |  | 13,723 |
| Less: Accumulated Depreciation and Amortization |  | - |  | - |  | (1) |  | - |  | $(4,416)$ |  | $(3,288)$ |
| Net Capitalized Assets |  | - |  | - |  | 1 |  | - |  | 10,929 |  | 10,435 |
| Total Assets |  | 8,693 |  | 5,270 |  | 18,432 |  |  |  | 29,694,497 |  | 8,213,040 |
| Liabilities |  |  |  |  |  |  |  |  |  |  |  |  |
| Accounts Payable |  | - |  | - |  | 13 |  | - |  | 6,263 |  | 7,373 |
| Retirement Benefits Payable |  | - |  | - |  | - |  | - |  | 959 |  | 99,795 |
| Salaries and Benefits Payable |  | - |  | - |  | - |  | - |  | 2,116 |  | 1,461 |
| Investments Payable |  | - |  | - |  | - |  |  |  | 3,067,466 |  | 2,204,343 |
| Securities Lending Obligations |  | 1,010 |  | 587 |  | - |  | - |  | 897,731 |  | - |
| Securities Sold Under Agreement to Repurchase |  | - |  | - |  | - |  |  |  | 148,198 |  | 117,442 |
| Due to Other Funds |  | - |  | - |  | 8 |  | - |  | 7,638 |  | 26,953 |
| Total Liabilities |  | 1,010 |  | 587 |  | 21 |  |  |  | 4,130,371 |  | 2,457,367 |
| Net Assets Held in Trust for: |  |  |  |  |  |  |  |  |  |  |  |  |
| Pension Benefits |  | - |  | - |  | 13,890 |  | - |  | 25,547,239 |  | 5,739,801 |
| Future Death Benefits |  | 7,683 |  | 4,683 |  | - |  | - |  | 12,366 |  | 11,105 |
| Local Units |  | - |  | - |  | 4,521 |  | - |  | 4,521 |  | 4,767 |
| Total Net Assets Held in Trust | \$ | 7,683 | \$ | 4,683 | \$ | 18,411 | \$ | - |  | 25,564,126 |  | 5,755,673 |

[^9]
# FINANCIALSECTION <br> Statement of Changes in Fiduciary Net Position <br> For the Year Ended June 30, 2012 (with Comparative Totals for the Year Ended June 30, 2011)1 

Pension Trust Funds


[^10]
# FINANCIAL SECTION <br> Statement of Changes in Fiduciary Net Position, continued For the Year Ended June 30, 2012 (with Comparative Totals for the Year Ended June 30, 2011)¹ 

| Other Employment <br> Benefit Trust Funds$\quad$Investment <br> Trust Fund |
| :--- |



[^11]
## Note 1. Description of Retirement Plans

## (A) Public Employes' Retirement Fund

## Plan Description

The Public Employees' Retirement Fund (PERF) is an agent multiple-employer defined benefit plan established to provide retirement, disability, and survivor benefits to full-time employees of the state of Indiana not covered by another plan, those political subdivisions that elect to participate in the retirement plan, and certain INPRS employees. Political subdivisions means a county, city, town, township, political body corporate, public school corporation, public library, public utility of a county, city, town, township, and any department of, or associated with, a county, city, town, or township, which department receives revenue independently of, or in addition to, funds obtained from taxation.

PERF was established by the Indiana Legislature in 1945 and is governed by the INPRS Board of Trustees in accordance with Indiana Code (IC) 5-10.2, IC 5-10.3, and IC 5-10.5. There are two (2) aspects to the PERF defined benefit structure. The first portion is the monthly defined benefit pension that is funded by the employer. The second portion of the PERF benefit structure is the annuity savings account (ASA) that supplements the defined benefit at retirement.

## Membership

PERF acts as a common investment and administrative agent for units of state and local governments in Indiana and covers many officers and employees of municipalities of the state (referred to as political subdivisions), including counties, cities, towns, townships, libraries, and school corporations. The political subdivisions become participants by ordinance or resolution of the governing body, which specifies the classifications of employees who will become members of the plan. The ordinance or resolution is filed with and approved by INPRS. In order to be a member, employees hired after June 30, 1982, except employees of a participating school corporation, must occupy positions normally requiring performance of service of more than 1,000 hours during a year. Effective July 1, 2008, members who have at least one (1) year of service in both PERF and the TRF have the option of choosing from which of these funds they would like to retire.

As of June 30, 2012, the number of participating political subdivisions was 1,121 , and there were also 17 State-related participating employers. As of June 30, 2012, PERF membership consisted of:

| Retired Members, Beneficiaries, and Disabled Members Receiving Benefits | 72,992 |
| :--- | ---: |
| Terminated Vested Members Entitled To But Not Yet Receiving Benefits | 21,200 |
| Terminated Non-Vested Members Entitled To a Distribution of ASA Balance | 47,874 |
| Active Members: Vested and Non-Vested | 145,519 |
| Total | $\mathbf{2 8 7 , 5 8 5}$ |
| Total Covered Payroll for Active Members (dollars in thousands) | $\mathbf{\$ 4 , 9 0 4 , 0 5 2}$ |

## Retirement Benefits

The PERF retirement benefit consists of the sum of a defined pension benefit provided by employer contributions plus the amount credited to the member's annuity savings account. The employer contribution rate is based on an actuarial valuation and is adopted by the INPRS Board of Trustees in accordance with IC 5-10.2-2-11. The annuity savings account consists of the member's contributions, set by statute at three (3) percent of compensation as defined by IC 5-10.2-3-2, plus the interest/earnings or losses credited to the member's account. The employer may elect to make the contributions on behalf of the member. In addition, members may elect to make additional voluntary contributions of up to 10 percent of their compensation into their annuity savings accounts. A member's contributions and interest credits belong to the member and do not belong to the state or political subdivision.

Investments in the members' annuity savings accounts are individually directed and controlled by plan participants who direct the investment of their account balances among the following eight (8) investment options with varying degrees of risk and return potential.

- Guaranteed Fund - This fund's objective is to provide stability of principal and a competitive interest rate. The interest rate is set by the INPRS Board of Trustees each year and is guaranteed for the fiscal year. Market risk is assumed by the Fund.
- Large Cap Equity Index Fund - This fund's objective is to seek investment growth/capital appreciation through passive investment in the stocks of the 500 largest U.S. companies. Market risk is assumed by the member.
- Small/Mid Cap Equity Fund - This fund's objective is to seek investment growth/capital appreciation through both active and passive investment in stocks of small- and mid-sized U.S. companies. Market risk is assumed by the member.
- International Equity Fund - This fund's objective is to seek investment growth/capital appreciation through both active and passive investment in stocks of non-U.S. companies in both developed and emerging markets. Market risk is assumed by the member.
- Fixed Income Fund - This fund's objective is to seek total return, consisting of income and capital appreciation. Market risk is assumed by the member.
- Inflation-Linked Fixed Income Fund - This fund's objective is to provide investors inflation protection and income consistent with investment in inflation-indexed securities. Principal and interest payments are adjusted in response to changes in inflation. Market risk is assumed by the member.
- Money Market Fund - This fund's objective is to provide a market rate of return consistent with the preservation of capital through a shorter maturity, high quality portfolio. Market risk is assumed by the member.

■ Target Date Funds - The Funds are designed to seek an appropriate amount of total return, commensurate with risk, given the specific time horizon of each Fund. The Target Date Funds provide participants with a one-stop shop for investing. Participants simply choose the Fund most appropriate for them based on the year in which they plan to withdraw their money (usually their retirement year). Once a participant selects the appropriate Fund, the underlying asset allocation automatically adjusts over time. Market risk is assumed by the member.

Members may make changes to their investment directions daily. Investments of the plan are reported at fair market value.

Generally, the pension benefit vests after 10 years of creditable service. The vesting period is eight (8) years for certain elected officials. Members are immediately vested in their annuity savings account. At retirement, a member may choose to receive a lump sum payment of the amount credited to the member's annuity savings account, receive the amount as an annuity, or leave the contributions invested with INPRS. Vested PERF members leaving a covered position who wait 30 days after termination may withdraw their annuity savings account and will not forfeit creditable service or a full retirement benefit. However, if a member is eligible for a full retirement at the time of the withdrawal request, he/she will have to begin drawing his/ her pension benefit in order to withdraw the annuity savings account. A non-vested member who terminates employment prior to retirement may withdraw his/her annuity savings account at any time, but by doing so forfeit his/her creditable service. A member who returns to covered service may reclaim his/her forfeited creditable service.

A member who has reached age 65 and has at least 10 years of creditable service is eligible for normal retirement and, as such, is entitled to 100 percent of the pension benefit component. This annual pension benefit is equal to 1.1 percent times the average annual compensation times the number of years of creditable service. The average annual compensation in this calculation uses the 20 calendar quarters of creditable service in which the member's annual compensation was the highest. All 20 calendar quarters do not have to be continuous, but they must be in groups of four (4) consecutive calendar quarters. The same calendar quarter may not be included in two (2) different groups. Member contributions paid by the employer on behalf of the member and severance pay up to $\$ 2,000$ are included as part of the member's salary.

A member who has reached age 60 and has at least 15 years of creditable service is eligible for normal retirement and, as such, is entitled to 100 percent of the pension benefit. A member who is at least 55 years old and whose age plus number of years of creditable service is at least 85 is entitled to 100 percent of the benefits as described above.

A member who has reached at least age 50 and has at least 15 years of creditable service is eligible for early retirement with a reduced pension. A member retiring early receives a percentage of the normal annual pension benefit. The percentage of the pension benefit at retirement remains the same for the member's lifetime. For age 59, the early retirement percentage of the normal annual pension benefit is 89 percent. This amount is reduced five (5) percentage points per year (e.g., age 58 is 84 percent) to age 50 being 44 percent.

The monthly pension benefits for members in pay status are increased periodically as cost of living adjustments (COLA). Such increases are not guaranteed by statute and have historically been provided on an "ad hoc" basis. There was no COLA for the year ended June 30, 2012; however, eligible members did receive a one-time check in September 2011. The amount of the one-time check ranged from $\$ 150$ to $\$ 450$, depending upon a member's years of service, and was for a member who retired or was disabled on or before January 1, 2011, and who was entitled to receive a monthly benefit on July 1, 2011.

## Disability and Survivor Benefits

PERF also provides disability and survivor benefits. A member who has at least five (5) years of creditable service and becomes disabled while in active service, on FMLA leave, receiving workers' compensation benefits, or receiving employer-provided disability insurance benefits may retire for the duration of the disability, if the member has qualified for social security disability benefits and has furnished proof of the qualification. The disability benefit is calculated the same as that for a normal retirement without reduction for early retirement. The minimum benefit is $\$ 180$ per month, or actuarial equivalent.

Upon the death in service of a member with 15 or more years of creditable service as of January 1, 2007, a survivor benefit may be paid to the surviving spouse to whom the member had been married for two (2) or more years, or surviving dependent children under the age of 18. This payment is equal to the benefit which would have been payable to a beneficiary if the member had retired at age 50 or at death, whichever is later, under an effective election of the joint and survivor option available for retirement benefits. A surviving spouse or surviving dependent children are also entitled to a survivor benefit upon the death in service after January 1, 2007, of a member who was at least 65 years of age and had at least 10 but not more than 14 years of creditable service.

## (B) Teachers' Retirement Fund

## Plan Description

The Indiana State Teachers' Retirement Fund (TRF) is a cost-sharing, multiple-employer defined benefit plan established to provide retirement, disability, and survivor benefits to public school teachers and administrators, regularly employed licensed teachers at certain state universities and other educational institutions, and certain INPRS employees hired by TRF before July 1, 2011. There are two (2) aspects to the TRF defined benefit structure. The first portion is the monthly defined benefit pension that is funded by the employer. The second portion of the TRF benefit structure is the annuity savings account that supplements the defined benefit at retirement.

TRF was established by the Indiana General Assembly in 1921. In 1955, TRF was designed as a pay-as-you-go defined benefit retirement plan. In 1995, legislation was passed that closed the pay-as-you-go plan (named the TRF Pre-1996 Account) to newly hired members and created a new account (named the TRF 1996 Account) for all members hired after June 30, 1995. TRF is governed by the INPRS Board of Trustees in accordance with Indiana Code (IC) 5-10.2, IC 5-10.4, and IC 5-10.5.

## Membership

Membership in TRF is required for all legally qualified and regularly employed licensed teachers who serve in the public schools of Indiana, teachers employed by the state at state institutions, and certain INPRS employees. Additionally, faculty members and professional employees at Ball State University, Vincennes University, and the University of Southern Indiana have the option of selecting membership in the Fund or the alternate University Plan. Membership in TRF is optional for teachers employed by charter schools, employees and officials of the Indiana State Board of Education who were Indiana licensed teachers prior to their
employment with the Board, and teachers employed by special management teams as defined under IC 20-31 et Seq.

As of June 30, 2012, the number of participating employers was 367. As of June 30, 2012, TRF membership consisted of:

| Retired Members, Beneficiaries, and Disabled Members Receiving Benefits | 49,971 |
| :--- | ---: |
| Terminated Vested Members Entitled To But Not Yet Receiving Benefits | 6,367 |
| Terminated Non-Vested Members Entitled To a Distribution of ASA Balance | 13,322 |
| Active Members: Vested and Non-Vested | $\mathbf{7 0 , 5 7 3}$ |
| Total | $\mathbf{1 4 0 , 2 3 3}$ |
| Total Covered Payroll for Active Members (dollars in thousands) | $\mathbf{\$ 4 , 2 3 2 , 0 1 8}$ |

## Retirement Benefits

The TRF retirement benefit consists of the sum of a defined pension benefit provided by employer contributions plus the amount credited to the member's annuity savings account. The employer contribution is based on an actuarial valuation and is adopted by the INPRS Board of Trustees in accordance with IC 5-10.2-2-11 and IC 5-10.4-2-4. The annuity savings account consists of the member's contributions, set by statute at three (3) percent of compensation as defined by IC 5-10.2-3-2, plus the interest/earnings or losses credited to the member's account. The employer may elect to make the contributions on behalf of the member. In addition, members may elect to make additional voluntary contributions of up to 10 percent of their compensation into their annuity savings accounts. A member's contributions and interest credits belong to the member.

Investments in the members' annuity savings accounts are individually directed and controlled by plan participants who direct the investment of their account balances among the following seven (7) investment options with varying degrees of risk and return potential.

■ Guaranteed Fund - This fund's objective is to provide stability of principal and a competitive interest rate. The interest rate is set by the INPRS Board of Trustees each year and is guaranteed for the fiscal year. Market risk is assumed by the Fund.

- Large Cap Equity Index Fund - This fund's objective is to seek investment growth/capital appreciation through passive investment in the stocks of the 500 largest U.S. companies. Market risk is assumed by the member.
- Small/Mid Cap Equity Fund - This fund's objective is to seek investment growth/capital appreciation through both active and passive investment in stocks of small- and mid-sized U.S. companies. Market risk is assumed by the member.

■ International Equity Fund - This fund's objective is to seek investment growth/capital appreciation through both active and passive investment in stocks of non-U.S. companies in both developed and emerging markets. Market risk is assumed by the member.

- Fixed Income Fund - This fund's objective is to seek total return, consisting of income and capital appreciation. Market risk is assumed by the member.

■ Inflation-Linked Fixed Income Fund - This fund's objective is to provide investors inflation protection and income consistent with investment in inflation-indexed securities. Principal and interest payments are adjusted in response to changes in inflation. Market risk is assumed by the member.

- Target Date Funds - The Funds are designed to seek an appropriate amount of total return, commensurate with risk, given the specific time horizon of each Fund. The Target Date Funds provide participants with a one-stop shop for investing. Participants simply choose the Fund most appropriate for them based on the year in which they plan to withdraw their money (usually their retirement year). Once a participant selects the appropriate Fund, the underlying asset allocation automatically adjusts over time. Market risk is assumed by the member.

Members may make changes to their investment directions daily. Investments of the plan are reported at fair market value.

The pension benefit vests after 10 years of creditable service. At retirement, a member may choose to receive a lump sum payment of the amount credited to the member's annuity savings account, receive the amount as an annuity, or leave the contributions invested with INPRS. Vested TRF members leaving a covered position who wait 30 days after termination may withdraw their annuity savings account and will not forfeit creditable service or a future retirement benefit. However, if a member is eligible for a full retirement at the time of the withdrawal request, he/she will have to begin drawing his/her pension benefit in order to withdraw the annuity savings account. A non-vested member who terminates employment prior to retirement may withdraw his/her annuity savings account at any time, but by doing so forfeit his/her creditable service. A member who returns to covered service may reclaim his/her forfeited creditable service.

A member who has reached age 65 and has at least 10 years of creditable service is eligible for normal retirement and, as such, is entitled to 100 percent of the pension benefit component. This annual pension benefit is equal to 1.1 percent times the average annual compensation times the number of years of creditable service. Generally, the average annual compensation in this calculation is the average annual compensation for the five (5) years of service before retirement in which the member's annual compensation was the highest. For TRF members who take a leave of absence to serve as an elected official, the highest one (1) year of salary is used. In order for a year to be included in the five (5) years, the member must have received for the year credit under IC 5-10.4-4-2 for at least one-half (1/2) year of service. The five (5) years do not have to be continuous. Member contributions paid by the employer on behalf of the member and severance pay up to $\$ 2,000$ are included as part of the member's salary.

A member who has reached age 60 and has at least 15 years of creditable service is eligible for normal retirement and, as such, is entitled to 100 percent of the pension benefit. A member who is at least 55 years old and whose age plus number of years of creditable service is at least 85 is entitled to 100 percent of the benefits as described above.

A member who has reached at least age 50 and has at least 15 years of creditable service is eligible for early retirement with a reduced pension. A member retiring early receives a percentage of the normal annual pension benefit. The percentage of the pension benefit at retirement remains the same for the member's
lifetime. For age 59, the early retirement percentage of the normal annual pension benefit is 89 percent. This amount is reduced five (5) percentage points per year (e.g., age 58 is 84 percent) to age 50 being 44 percent.

The monthly pension benefits for members in pay status are increased periodically as cost of living adjustments (COLA). Such increases are not guaranteed by statute and have historically been provided on an "ad hoc" basis. There was no COLA for the year ended June 30, 2012; however, eligible members did receive a one-time check in September 2011. The amount of the one-time check ranged from $\$ 150$ to $\$ 450$, depending upon a member's years of service, and was for a member who retired or was disabled on or before January 1, 2011, and who was entitled to receive a monthly benefit on July 1, 2011.

## Disability and Survivor Benefits

TRF also provides disability and survivor benefits. A member who has at least five (5) years of creditable service and becomes disabled while in active service, on FMLA leave, receiving workers' compensation benefits, or receiving employer-provided disability insurance benefits may retire for the duration of the disability, if the member has qualified for social security disability benefits and has furnished proof of the qualification. The disability benefit is calculated the same as that for a normal retirement without reduction for early retirement.

Members are eligible for a classroom disability benefit once they have earned five (5) years of service, have a temporary or permanent disability that continues for six (6) months or more, and applies for classroom disability benefits within one (1) year of the disability. Classroom disability refers to a medically confirmed inability to continue classroom teaching due to a mental or physical condition that is not necessarily of sufficient severity to meet social security disability guidelines. The eligible members may receive $\$ 125$ per month plus $\$ 5$ for each additional year of service credit over five (5) years.

Upon the death in service of a member with 15 or more years of creditable service, a survivor benefit may be paid to the surviving spouse to whom the member had been married for two (2) or more years, or surviving dependent children under the age of 18. This payment is equal to the benefit which would have been payable to a beneficiary if the member had retired at age 50 or at death, whichever is later, under an effective election of the joint and survivor option available for retirement benefits. A surviving spouse or surviving dependent children are also entitled to a survivor benefit upon the death in service after March 31, 1990, of a member who was at least 65 years of age and had at least 10 but not more than 14 years of creditable service.

## (C) 1977 Police Officers' and Firefighters' Pension and Disability Fund

## Plan Description

The 1977 Police Officers' and Firefighters' Pension and Disability Fund (1977 Fund) is a cost-sharing, multiple-employer defined benefit plan established to provide retirement, disability, and survivor benefits to all
full-time police officers and firefighters who are hired (or rehired) after April 30, 1977. The 1977 Fund was established in 1977 and is governed by IC $36-8-8$ to provide coverage to full-time sworn officers of a police force of an Indiana city or town and full-time firefighters employed by an Indiana city, town, township or county.

## Membership

As of June 30, 2012, the number of participating employers totaled 162 (which includes 257 police and fire departments). As of June 30, 2012, the 1977 Fund membership consisted of:

| Retired Members, Beneficiaries and Disabled Members Receiving Benefits | 3,208 |
| :--- | ---: |
| Terminated Vested Plan Members Entitled To But Not Yet Receiving Benefits | 122 |
| Terminated Non-Vested Plan Members Entitled To a Distribution of Contributions | 751 |
| Active Members: Vested and Non-Vested | 13,390 |
| Total | $\mathbf{1 7 , 4 7 1}$ |
| Total Covered Payroll for Active Members (dollars in thousands) | $\mathbf{\$}$ |

A member is required by statute to contribute six (6) percent of a first class officer's or firefighter's salary for the term of his/her employment up to 32 years. The accumulated value of the member's contribution, including interest, may be withdrawn if the member terminates employment prior to completing 20 years of service. The actuary determines employer contributions, subject to approval by the INPRS Board of Trustees.

## Retirement Benefits

A member vests after 20 years of service. If the member retires at or after the age of 52 with 20 years of service, the benefit is equal to 50 percent of the salary of a first class officer, as reported by the employer in the year the 1977 Fund member ended service plus one (1) percent of that salary for each six (6) months of active service over 20 years to a maximum of 12 years. At age 50 and with 20 years of service, a member may elect to receive a reduced benefit by a factor established by the fund's actuary (IC 36-8-8-11).

The monthly pension benefits for members in pay status may be increased annually in accordance with the cost of living adjustment (COLA) statute (IC 36-8-8-15). A member is entitled to an annual increase in the member's benefit equal to the percentage increase in the Consumer Price Index; however, the maximum increase is 3.0 percent. There was a COLA increase of 2.1 percent effective July 1, 2011.

## Disability and Survivor Benefits

The 1977 Fund also provides disability and survivor benefits. An active member may file an application for disability benefits. A determination is then made by the local pension board, and reviewed by the INPRS Board of Trustees, as to whether the member has a covered impairment and whether the impairment was incurred in the line of duty or not. The calculation for disability benefits is based on when the member was first hired, the type of impairment and other factors. In addition, the heirs or estate of a fund member may be entitled to receive $\$ 12,000$ upon the member's death.

If a member dies while receiving retirement or disability benefits, there are provisions for the surviving spouse and child(ren) to receive a portion of the benefits. The member's surviving spouse is entitled to a monthly benefit equal to 60 percent of the member's monthly benefit during the spouse's lifetime. Each of the member's surviving child(ren) is entitled to a monthly benefit equal to 20 percent of the member's monthly benefit until the age of 18 or age 23 if a full-time student. If there is no eligible surviving spouse or child(ren), a dependent parent(s) may receive 50 percent of the member's monthly benefit during their lifetime.

## (D) Judges' Retirement System

## Plan Description

The Judges' Retirement System (JRS) is a single-employer defined benefit plan established to provide retirement, disability, and survivor benefits to judges and magistrates. JRS was established in 1953, and is governed through the INPRS Board of Trustees by IC 33-38-6, IC 33-38-7 (judges beginning service before September 1, 1985) and IC 33-38-8 (judges beginning service after August 31, 1985). Coverage is for any person who has served, is serving or shall serve as a regular judge or justice of the (1) Supreme Court of the state of Indiana, (2) Court of Appeals, (3) Indiana Tax Court, (4) Circuit Court of a Judicial Circuit, or (5) county courts including: Superior, Criminal, Probate, Juvenile, Municipal and County.

## Membership

The Judges' Retirement System consists of two plans (the 1977 System and the 1985 System). The 1977 System includes all individuals who began service as a judge before September 1, 1985, unless the individual, within twenty days after becoming a judge, filed an irrevocable election not to participate in the 1977 System. The 1985 System covers all individuals who: (1) began service as a judge after August 31, 1985; and (2) are not participants in the 1977 System. Beginning January 1, 2011, full-time magistrates who were serving on July 1,2010, may elect to be members of the 1985 System. The 1985 System is mandatory for all new judges and beginning January 1, 2011, all new full-time magistrates.

As of June 30, 2012, the Judges' Retirement System membership consisted of:

| Retired Members, Beneficiaries and Disabled Members Receiving Benefits | 311 |
| :--- | ---: |
| Terminated Vested Plan Members Entitled To But Not Yet Receiving Benefits | 72 |
| Terminated Non-Vested Plan Members Entitled To a Distribution of Contributions | 28 |
| Active Members: Vested and Non-Vested | 361 |
| Total | $\mathbf{7 7 2}$ |
| Total Covered Payroll for Active Members (dollars in thousands) | $\mathbf{\$}$ |

Member contributions are established by statute at six (6) percent of total statutory compensation paid by the state of Indiana, deducted from the member's salary and remitted by the Auditor of State. However, no contribution is required and no such amounts shall be paid by the member for more than 22 years of service.

Employer contributions are actuarially determined and approved by the INPRS Board of Trustees and by the Indiana General Assembly as biennial appropriations from the state's General Fund. Indiana Code 33-38-6-17
provides that this appropriation include only funds sufficient to cover the aggregate liability of the fund for benefits to the end of the biennium on an actuarially funded basis. The statute also provides for remittance of docket fees and court fees which are considered employer contributions.

## Retirement Benefits

A member vests after eight (8) years of creditable service. Judges who retire at or after age 65 with eight (8) years of creditable service (or are at least 55 years of age and the participant's age in years plus the participant's years of service total 85 or more) are entitled to an annual retirement benefit, payable monthly for life, in an amount calculated in accordance with statute.

The annual retirement benefit for a participant equals the product of the salary that was paid to the participant at the time of separation from service, multiplied by a percentage for years of service as defined in the statute. Applicable salary for participants in the 1985 Judges' System is defined in IC 33-38-8-14(e). The pension benefit for participants of the 1977 Judges' System is based on the salary being paid for the office that the participant held at the time of separation from service [IC 33-38-7-11(d)]. The statute provides for the percentage to be prorated for partial years of service. If the annual retirement benefit of a participant who began service as a judge before July 1, 1977, as computed per IC 33-38-7-11, is less than the benefit the participant would have received under IC 33-38-6 as in effect on June 30, 1977, the participant is entitled to receive the greater amount as the participant's annual retirement benefit.

A reduced amount is paid for early retirements that may be selected upon attainment of age 62. The participant's benefit is reduced by 0.1 percent for each month the member's age on the date the participant begins receiving a retirement benefit precedes the participant's $65^{\text {th }}$ birthday.

The monthly pension benefits of the retired judges that were former participants in the 1977 System receive benefit increases whenever the salary of the position the retiree held at separation from service increases. Before fiscal year 2011, benefits of judges who are members of the 1985 System were tied to the salary of the position at the time the participant separated from service and did not increase if the salary of the position increased after the participant separated from service. Before fiscal year 2011, the General Assembly provided cost of living adjustment (COLA) increases to participants in the 1985 System on an ad hoc basis. Beginning after June 30, 2010, a participant in the 1985 System receives an increase in the monthly benefit of the same percentage by which the salary of the office of the participant held at separation from service increases. The percentage increase to the monthly benefit takes effect at the same time that the salary increase takes effect (IC 33-38-8-25). There was a COLA increase of 1.3 percent effective July 1, 2011, for eligible participants in the 1977 System and 1985 System.

## Disability and Survivor Benefits

There is no vesting requirement for permanent disability benefits. For both the 1977 System and the 1985 System, a participant is considered permanently disabled if the INPRS Board of Trustees receives a written certification by at least two (2) licensed and practicing physicians appointed by the INPRS Board of Trustees. A participant receiving disability benefits must be reexamined at least once a year by at least two (2) physicians appointed by the INPRS Board of Trustees.

Surviving spouses or dependent child(ren) are entitled to benefits if the participant had qualified to receive a retirement or disability benefit, or had completed at least eight (8) years of service and was in service as a judge. The minimum survivor benefit is $\$ 12,000$.

## (E) State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

## Plan Description

The State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan ( $\mathrm{E}, \mathrm{G}, \& \mathrm{C}$ Plan) is a single-employer defined benefit plan established to provide retirement, disability, and survivor benefits to certain employees of the (1) Indiana Department of Natural Resources, (2) Indiana Alcohol and Tobacco Commission and (3) any Indiana state excise police officer, Indiana state conservation enforcement officer, gaming agent or any gaming control officer who is engaged exclusively in the performance of law enforcement duties. The E,G,\&C Plan was established in 1972 and is governed by IC 5-10-5.5.

## Membership

As of June 30, 2012, the E,G,\&C Plan membership consisted of:

| Retired Members, Beneficiaries and Disabled Members Receiving Benefits | 187 |
| :--- | ---: |
| Terminated Vested Plan Members Entitled To But Not Yet Receiving Benefits | 4 |
| Terminated Non-Vested Plan Members Entitled To a Distribution of Contributions | 61 |
| Active Members: Vested and Non-Vested | 468 |
| Total | $\mathbf{7 2 0}$ |
| Total Covered Payroll for Active Members (dollars in thousands) | $\mathbf{\$}$ |

Members are required by statute to contribute four (4) percent of the member's annual salary to the E,G,\&C Plan. If a member leaves covered employment or dies before 15 years of creditable service, accumulated member contributions, plus interest as credited by the INPRS Board of Trustees, are distributed to the member, or to the designated beneficiary or the member's estate.

## Retirement Benefits

Generally, retirement benefits vest after 15 years of creditable service. Officers becoming participants after age 50 are vested after completion of 10 years of service. A participant is entitled to an annual pension benefit, paid in equal monthly installments beginning on the participant's normal retirement date, equal to 25 percent of the participant's average annual salary. A participant who completes more than 10 years of creditable service is entitled to receive an additional amount equal to 1.67 percent of the participant's average annual salary for each completed year of creditable service over 10 years. However, a participant's annual pension benefit may not exceed 75 percent of the participant's average annual salary.

Each participant is required to retire on or before the first day of the month following the participant's $65^{\text {th }}$ birthday. However, a participant who is hired after age 50 must retire upon the earlier of: (1) the first day of the month following the participant's $65^{\text {th }}$ birthday; or (2) the first day of the month following the date
the participant completes 15 years of creditable service. A participant, who is at least 55 years of age and the sum of the participant's years of creditable service and age in years equals at least 85, may retire and become eligible for full retirement benefits. In addition, a participant may elect full retirement benefits at age 50 with 25 years of service. A reduced benefit is provided for early retirements that are elected upon attainment of age 45 with at least 15 years of creditable service. The monthly benefit is reduced by 0.25 percent for each full month by which the participant's early retirement date precedes the participant's 60 ${ }^{\text {th }}$ birthday.

Any participant who terminates service before accumulating 15 years of creditable service may become a member of the Public Employees' Retirement Fund (PERF). Upon payment of contributions and interest required by the INPRS Board of Trustees, the withdrawing participant shall be entitled to transfer creditable service to PERF.

The monthly pension benefits for members in pay status are increased periodically as cost of living adjustments (COLA). Such increases are not guaranteed by statute and have historically been provided on an "ad hoc" basis. There was no COLA for the year ended June 30, 2012; however, eligible members did receive up to two (2) one-time checks in September 2011. The amount of the first one-time check ranged from $\$ 125$ to $\$ 400$, depending upon a member's years of service, and was for a member who retired or was disabled on or before December 1, 2009, and who was entitled to receive a monthly benefit on July 1, 2010. The amount of the second one-time check ranged from $\$ 150$ to $\$ 450$, depending upon a member's years of service, and was for a member who retired or was disabled on or before January 1, 2011, and who was entitled to receive a monthly benefit on July 1, 2011.

## Disability and Survivor Benefits

A participant who becomes permanently or temporarily disabled from performing all suitable and available work "on the force" for which the participant is or may be capable of becoming qualified, considering reasonable accommodation to the extent required by the Americans and Disability Act, is entitled to receive a disability benefit. The amount of the disability benefit paid to a participant depends on whether the disability arose in the line of duty, the degree of impairment as determined by INPRS Board of Trustees' medical authority, and the participant's monthly salary. A participant is entitled to receive creditable service for the time the participant receives disability benefits under a state disability plan established under IC 5-10-8-7.

If a participant has more than 15 years of creditable service at the time of death, survivor benefits are payable to the surviving spouse, parents, or dependent children, as nominated by the participant's written direction, acknowledged, and filed with the INPRS Board of Trustees. The surviving spouse or the parent(s) is entitled to an annual survivor's allowance for life equal to 50 percent of the amount the participant would have been entitled to if he/she had retired on the date of death. If nominated and eligible, surviving unmarried minor child(ren) are entitled to an annual survivor's allowance equal to 50 percent of the amount the participant would have been entitled to if he/she had retired, divided equally between or among all nominated and eligible children. This benefit will continue until the child reaches 18 years of age or marries, whichever occurs first.

## (F) Prosecuting Attorneys' Retirement Fund

## Plan Description

The Prosecuting Attorneys' Retirement Fund (PARF) is a single-employer defined benefit plan established to provide retirement, disability, and survivor benefits to prosecuting attorneys. PARF was established in 1989 and is governed through the INPRS Board of Trustees by IC 33-39-7. Coverage is for individuals who: (1) serve as a prosecuting attorney or a chief deputy prosecuting attorney; or (2) serve as the executive director or assistant executive director of the Indiana Prosecuting Attorneys Council or as a state-paid deputy prosecuting attorney. These individuals' salaries are paid from the General Fund of the state of Indiana.

## Membership

As of June 30, 2012, the PARF membership consisted of:

| Retired Members, Beneficiaries and Disabled Members Receiving Benefits | 81 |
| :--- | ---: |
| Terminated Vested Plan Members Entitled To But Not Yet Receiving Benefits | 84 |
| Terminated Non-Vested Plan Members Entitled To a Distribution of Contributions | 165 |
| Active Members: Vested and Non-Vested | 219 |
| Total | $\mathbf{5 4 9}$ |
| Total Covered Payroll for Active Members (dollars in thousands) | $\mathbf{\$}$ |
| $\mathbf{2 1 , 7 0 5}$ |  |

Members contribute six (6) percent of their salary to PARF. Members receive annual interest earnings on June 30 at a rate specified by the INPRS Board of Trustees on all amounts credited to the member as of June 30 of the preceding year in accordance with IC 33-39-7-14.

## Retirement Benefits

A participant is entitled to a retirement benefit if the participant: (1) is at least age 62 ; (2) has at least eight (8) years of service credit; and (3) is not receiving salary for services currently performed. A member whose service ended prior to July 1, 2006 must have at least ten (10) years of service.

The retirement benefit of a participant who is at least age 65 is calculated by multiplying: (1) the highest annual salary paid to the participant before the participant's separation from service; by (2) a percentage based on the participant's years of service. The percentages range from 24 percent for eight (8) years of service to 60 percent for 22 or more years of service. If a participant is at least 62 years of age with at least eight (8) years of creditable service, a participant is entitled to receive a reduced annual retirement benefit that equals the benefit, as calculated above, reduced by 0.25 percent per month for each month the participant retires prior to age 65.

In addition, a PARF participant is a member of PERF. A PARF participant's retirement benefit is reduced by the amount of the employer-financed pension benefit that would be payable to the participant had the participant retired from PERF on the date of the participant's retirement from the fund. However, the benefits payable to a participant from the fund are not reduced by any payments made to the participant from the participant's

PERF annuity savings account. The state of Indiana has elected to pay the 3 percent employee contribution for the member's annuity savings account in the PERF plan.

## Disability and Survivor Benefits

PARF also provides disability and survivor benefits. A participant who has at least five (5) years of creditable service and becomes disabled while in active service may retire for the duration of the disability if the participant has qualified for social security disability benefits and has furnished proof of the qualification. The amount of the annual benefit payable to a participant for disability benefits is equal to the product of the annual salary that was paid to the participant at the time of separation from service multiplied by a percentage based on the participant's years of service. The percentages range from 40 percent for five (5) to 10 years of service to 50 percent for 20 or more years of service. These benefits are reduced by any benefits payable to the participant from PERF.

The surviving spouse of a participant is entitled to a benefit if, on the date of the participant's death, the participant: (1) was receiving benefits; (2) has completed at least eight (8) years of service and was in service as a prosecuting attorney or chief deputy prosecuting attorney, executive director or assistant executive director of the Indiana Prosecuting Attorneys Council, or as a state-paid deputy prosecuting attorney; or (3) had met the requirements for a disability benefit.

Regardless of the participant's age at death, the surviving spouse's benefit is equal to the greater of: (1) $\$ 7,000$ annually; or (2) 50 percent of the amount of retirement benefit the participant was drawing at the time of death, or to which the participant would have been entitled had the participant retired and begun receiving retirement benefits on the date of death; reduced, if necessary, because the participant was not yet 65 and by the amounts, if any, payable to the surviving spouse from PERF as a result of the participant's death. If there is not a surviving spouse, there are provisions for dependents to receive benefits.

## (G) Legislators' Retirement System

## Plan Description

The Legislators' Retirement System was established in 1989 by IC 2-3.5. The retirement system is for certain members of the General Assembly of the state of Indiana as specified by the provisions of the statute

The Legislators' Retirement System is comprised of two (2) separate and distinct plans. The Legislators' Defined Benefit Plan (LEDB Plan) (IC 2-3.5-4), a single-employer defined benefit plan, applies to members of the General Assembly who were serving on April 30, 1989, and who filed an election under IC 2-3.5-3-1 (b). The Legislators' Defined Contribution Plan (LEDC Plan) (IC 2-3.5-5) applies to: (1) members of the General Assembly who were serving on April 30, 1989, and who filed an election under IC 2-3.5-3-1 (b); (2) members of the General Assembly who are first elected or appointed after April 30, 1989; and (3) members of the General Assembly who: (a) served before April 30, 1989; (b) were not serving on April 30, 1989; and (c) are subsequently reelected or reappointed to the General Assembly.

## Membership

As of June 30, 2012, the Legislators' Retirement System membership consisted of:

|  | Defined <br> Benefit Plan | Defined <br> Contribution <br> Plan |
| :--- | ---: | ---: |
| Retired Members, Beneficiaries and Disabled Members Receiving Benefits | 63 | - |
| Terminated Plan Members Entitled To But Not Yet Receiving Benefits | 38 | - |
| Terminated Non-Vested Plan Members Entitled To a Distribution | - | 47 |
| Active Members: Vested and Non-Vested | 6 | 167 |
| Total | $\mathbf{1 0 7}$ | $\mathbf{2 1 4}$ |

## Legislators' Defined Benefit Plan

The amount required to actuarially fund participants' retirement benefits, as determined by the INPRS Board of Trustees on the recommendation of the actuary, is to be appropriated from the state of Indiana General Fund annually in equal installments in the month of July of each year of the biennium budget.

The LEDB Plan provides retirement, disability and survivor benefits. The LEDB Plan is closed to new entrants, as members of the General Assembly who began service after April 30, 1989, are not members of this plan.

A participant is entitled to an unreduced monthly retirement benefit if the participant is: (1) at least age 65 and has at least 10 years of service as a member of the General Assembly; (2) at least age 55 and whose years of service as a member of the General Assembly plus years of age equal at least 85; or (3) at least age 60 and has at least 15 years of service as a member of the General Assembly. To qualify for a monthly retirement benefit, the member: (1) must have terminated service as a member of the General Assembly; (2) has at least 10 years of service as a member of the General Assembly; and (3) is not receiving and is not entitled to receive a salary from the state.

The monthly retirement benefit is equal to the lesser of: (1) $\$ 40$ multiplied by the number of years of service in the General Assembly completed before November 8, 1989, or (2) the highest consecutive three-year average annual salary of the participant under IC 2-3-1-1 at the date the participant's service as a member of the General Assembly is terminated, divided by 12.

A participant who has reached at least age 55, has terminated service as a member of the General Assembly, has at least 10 years of service as a member of the General Assembly, and is not receiving, nor is entitled to receive, a salary from the state of Indiana is eligible for early retirement with a reduced benefit. The reduction in the benefit is equal to: (1) 0.1 percent a month between ages 60 and 65 ; and (2) $5 / 12$ percent a month between ages 55 and 60 .

The monthly pension benefits for members in pay status are increased periodically as cost of living adjustments (COLA). COLA increases for the LEDB Plan are equal to the increase for the PERF Plan in accordance with IC 2-3.5-4-13 on an ad hoc basis and are generally based on date of retirement, and other eligibility factors. There was no COLA for the year ended June 30, 2012

The LEDB Plan also provides disability and survivor benefits. A member who has at least five (5) years of creditable service and becomes disabled while in active service may retire for the duration of the disability if the member has qualified for social security disability and has furnished proof of the qualification. The disability benefit is calculated the same as that for a normal retirement without reduction for early retirement. If a participant dies while receiving retirement benefits, or had completed at least 10 years of service as a member of the General Assembly, or was permanently disabled and receiving disability benefits from the system, the surviving spouse is entitled to receive survivor benefits. The benefits are for life and are equal to 50 percent of the amount of retirement benefits that the participant was receiving at the time of death or that the participant would have been entitled to receive at 55 years of age, or at the date of death, whichever is later. If there is not a surviving spouse, there are provisions for dependents to receive benefits.

## Legislators' Defined Contribution Plan

Each participant in the LEDC Plan shall make employee contributions of five (5) percent of salary received for services rendered after June 30, 1989. The employer contribution prior to January 1, 2009, was equal to 20 percent of the annual salary received by each participant for services rendered after June 30, 1989, and was appropriated from the state of Indiana General Fund. Effective January 1, 2009, the employer contribution rate is established each year by the INPRS Board of Trustees and is confirmed by the State Budget Agency. This rate, by statute, cannot exceed the total contribution rate paid that year by the state to PERF for state employees. That state contribution rate is the sum of: (1) the state's employer contribution rate for state employees, and (2) the rate the state pays on behalf of state employees to their annuity savings accounts (3.0 percent).

Investments in the members' accounts are individually directed and controlled by plan participants who direct the investment of their account balances among several investment options of varying degrees of risk and return potential. There are nine (9) investment options available to LEDC Plan members: Defined Benefit Unitized Assets, Stable Value Fund, Fixed Income Fund, Inflation-Linked Fixed Income Fund, Money Market Fund, Small/Mid Cap Equity Fund, Large Cap Equity Index Fund, International Equity Fund and Target Date Funds. Members may make changes to their investment directions daily. Investments of the plan are reported at fair value.

A participant of the LEDC Plan who terminates service as a member of the General Assembly is entitled to withdraw both the employee and employer contributions to the LEDC Plan. The amount available for withdrawal is the fair market value of the participant's account on the payment date. Account balances are fully vested to the participants. The withdrawn amount can be paid in a lump sum, a partial lump sum, a monthly annuity as purchased by the INPRS Board of Trustees, or a series of monthly installment payments over 60, 120, or 180 months as elected by the participant.

If a participant dies while a member of the General Assembly or after terminating service as a member, but prior to withdrawing from the LEDC Plan, the participant's account is to be paid to the beneficiary(ies) or to the survivor(s) if there is no properly designated beneficiary, or if no beneficiary survives the participant. The
amount to be paid is the fair market value of the participant's account (employer and employee contributions) on the payment date.

A member of the LEDB Plan, under certain circumstances, may also be a member of the LEDC Plan.

## Note 2. Description of Non-Retirement Funds

## (A) State Employees' Death Benefit Fund

Indiana Code 5-10-11 established the State Employees' Death Benefit program. Under the program, a death benefit of $\$ 50,000$ is to be paid in a lump sum to the surviving spouse, or if there is no surviving spouse, to the surviving child(ren) (to be shared equally) of a state of Indiana employee who dies in the line of duty as defined in the statute.

The law provides that "the state may provide these benefits by purchasing group life insurance or by establishing a program of self-insurance." It was determined that a program of self-insurance would be established, and effective with the state's pay period ended October 23, 1993, the state assessed state agencies 0.1 percent of gross pay to fund this program. Due to the size of the fund and the infrequency of payments, collection of the assessment ceased in November 1999.

## (B) Public Safety Officers' Special Death Benefit Fund

Indiana Code 5-10-10 established the Special Death Benefit Fund. The fund was established for the purpose of paying a lump sum death benefit of $\$ 150,000$ to the surviving spouse or child(ren) of a public safety officer (as defined by IC 5-10-10-4) or other eligible officers (as defined by IC 5-10-10-4.5) who die in the line of duty. If there is no surviving spouse or child(ren), the benefit is paid to the parent(s) in equal shares. The fund consists of bail bond fees remitted under IC 35-33-8-3.2, payments under IC 5-10-10-4.5, and investment earnings of the fund.

## (C) Pension Relief Fund

The Pension Relief Fund (PR Fund) was created by the Indiana General Assembly in 1977 (IC 5-10.3-11). The purpose of the PR Fund is to give financial relief to pension funds maintained by units of local government for their police officers' and firefighters' retirement plan benefits.

Funding for the PR Fund is derived from contributions from the state of Indiana from a portion of cigarette and alcohol taxes, a portion of the state's lottery proceeds, interest earned by the Public Deposit Insurance Fund, investment income earned, and appropriations from the General Assembly.

Distributions are made from the PR Fund to units of local government in two equal installments before July 1 and before October 2 of each year. Effective January 1, 2009, the distribution is determined by an estimate of the total amount of pension, disability and survivors benefits from the 1925 Police Pension Fund (IC 36-8-6), the 1937 Firefighters' Pension Fund (IC 36-8-7), and the 1953 Police Pension Fund (IC 36-8-7.5). The estimate is prepared by the actuary on a city-by-city basis, and on a departmental basis.

As defined by IC 36-8-8-20, the PR Fund also pays a lump sum line of duty death benefit of $\$ 150,000$. As defined by IC 36-8-8-14.1, the benefit is paid to the following relative(s) of a fund member who dies in the line of duty: (1) to the surviving spouse; (2) if there is no surviving spouse, to the surviving child(ren) (to be shared equally); (3) if there is no surviving spouse or child(ren), to the parent(s) in equal shares.

In accordance with IC 5-10.3-11-6, separate accounts are maintained by INPRS for each unit of local government for amounts that have not been distributed to the local units. These amounts remain invested in the fund and are available to the units of local government at their request. As of June 30, 2012, units of local government had investments with a market value of approximately $\$ 4.5$ million on deposit in the PR Fund.

## Note 3. Summary of Significant Accounting Policies

## (A) Reporting Entity

Established July 1, 2011, the Indiana Public Retirement System and the governing board of trustees merged the administration of the Public Employees' Retirement Fund (PERF) and the Teachers' Retirement Fund (TRF). INPRS is an independent body corporate and politic and is not a department or agency of the state, but is an independent instrumentality exercising essential government functions (Public Law 23-2011). For these reasons, INPRS is considered a component unit of the state of Indiana for financial statement reporting purposes.

The financial statements presented in this report represent only those funds for which the INPRS Board of Trustees has responsibility and are not intended to present the financial position or results of operations of the state of Indiana or all of the retirement and benefit plans administered by the state.

The following funds are included in the financial statements:

- Public Employees' Retirement Fund (PERF);
- Teachers' Retirement Fund (TRF);
- 1977 Police Officers' and Firefighters' Pension and Disability Fund (1977 Fund);
- Judges' Retirement System (JRS);
- State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan (E,G,\&C Plan);
- Prosecuting Attorneys' Retirement Fund (PARF);

■ Legislators' Defined Benefit Plan (LEDB Plan);

- Legislators' Defined Contribution Plan (LEDC Plan);
- State Employees' Death Benefit Fund;
- Public Safety Officers' Special Death Benefit Fund; and
- Pension Relief Fund (PR Fund).

See Notes 1 and 2 for descriptions of these funds.

## (B) Basis of Accounting

The financial statements of INPRS have been prepared using the economic resources measurement focus and the accrual basis of accounting in conformity with generally accepted accounting principles (GAAP) as applied to government units. Under the accrual basis, revenues are recognized when earned, and expenses are recognized when liabilities are incurred, regardless of the timing of related cash flows. The Governmental Accounting Standards Board (GASB) is the accepted standards setting body for established governmental accounting and financial reporting principles. INPRS applies all applicable GASB pronouncements in accounting and reporting for its operations.

The INPRS Board of Trustees administers eight (8) pension trust funds [seven (7) Defined Benefit plans and one (1) Defined Contribution plan], two (2) death benefit funds accounted for as other employee benefit trust funds, and an investment trust fund. These fiduciary funds account for assets held by the government in a trustee capacity or as an agent on behalf of others.

## (C) Use of Estimates

In preparing the financial statements in conformity with accounting principles generally accepted in the United States of America, the Board makes estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements, as well as the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates and assumptions.

## (D) Reclassifications

Certain reclassifications have been made within the fiscal year 2011 financial statements to conform with the classifications for fiscal year 2012. All such changes had no impact on fiscal year 2011 or fiscal year 2012 total net position.

## (E) Contributions Receivable

Contributions are recognized as revenues when due, pursuant to formal commitments, as well as statutory or contractual requirements. Employers are not required to submit contributions until the month following the end of the quarter. The estimates for contributions receivable at year end for each of the retirement funds were calculated utilizing that fund's contributions from the prior quarter, timing of June 2012 contributions received, or a combination of the two.

## (F) Deposit and Investment Policies and Provisions

Oversight of INPRS' assets is the responsibility of the INPRS Board of Trustees. Indiana law requires the Board to establish investment guidelines and limits on all types of investments and take other actions necessary to fulfill its duty as a fiduciary for all assets under its control. The INPRS Board of Trustees is required to diversify investments in accordance with the prudent investor standards.

At June 30, 2012, cash and investments of the funds were held by banks or trust companies under custodial agreements with INPRS. The INPRS Board of Trustees contracts with investment counsel, trust companies or banks to assist INPRS in its investment program. The Investment Policy Statement adopted by the INPRS

Board of Trustees and the asset allocation approved by the Board of Trustees contains target allocations and allowable ranges that are expected to meet target rates of return over a long period of time while minimizing risk. See Note 5 for more information.

Investment purchases and sales of securities are recorded as of their trade date. A summary of investments held is as follows:

| Investment Type | $\begin{aligned} & 6 / 30 / 2012 \\ & \text { Fair Value } \end{aligned}$ |  | \% of Total Investments |
| :---: | :---: | :---: | :---: |
| Short Term Investments (1) |  |  |  |
| Cash at Brokers | \$ | 323,859 | 1.2\% |
| Money Market Sweep Vehicle |  | 1,749,484 | 6.6 |
| Commercial Paper |  | 3,000 | 0.0 |
| U.S. Treasury Obligations |  | 413,976 | 1.6 |
| Non-U.S. Governments |  | 3,720 | 0.0 |
| Total Short Term Investments |  | 2,494,039 | 9.4 |
| Fixed Income Investments |  |  |  |
| U.S. Governments |  | 3,497,061 | 13.1 |
| Non-U.S. Governments |  | 723,737 | 2.7 |
| U.S. Agencies |  | 1,592,872 | 6.0 |
| Corporate Bonds |  | 4,641,859 | 17.3 |
| Asset-Backed Securities |  | 1,217,305 | 4.6 |
| Total Fixed Income Investments |  | 11,672,834 | 43.7 |
| Equity Investments |  |  |  |
| Domestic Equities |  | 3,907,881 | 14.7 |
| International Equities |  | 2,373,237 | 8.9 |
| Total Equity Investments |  | 6,281,118 | 23.6 |
| Other Investments |  |  |  |
| Private Equity |  | 2,655,913 | 10.0 |
| Absolute Return |  | 1,221,243 | 4.6 |
| Private Real Estate |  | 964,900 | 3.6 |
| Risk Parity |  | 1,371,013 | 5.1 |
| Derivatives |  | 6,174 | 0.0 |
| Total Other Investments |  | 6,219,243 | 23.3 |
| Total Investments | \$ | 26,667,234 | 100.0\% |

(1) Short Term Investments include highly liquid assets that are an integral part of the pension investments.

## (G) Method Used to Value Investments

Plan Investments are reported at fair value. Quoted market prices, when available, have been used to value investments. The market values for securities that have no quoted market price represent estimated fair value. In general, corporate debt securities have been valued at quoted market prices or, if not available, values are based on yields currently available on comparable securities of issuers with similar credit ratings. Many factors are considered in arriving at that value. International equities are valued based upon quoted foreign market prices and translated into U.S. dollars at the exchange rate in effect at June 30. Asset-
backed securities have been valued on the basis of their future principal and interest payments discounted at prevailing interest rates for similar instruments. The fair value of real estate investment securities is based on appraisals plus fiscal year-to-date capital expenditures. Publicly traded alternative investments are valued based on quoted market prices. In the absence of readily determinable public market values, alternative investments are valued using current estimates of fair value obtained from the general partner or investment manager. Such valuations generally reflect discount for liquidity and considers variables such as financial performance of investments, discounted cash flow analysis, recent sales prices of comparable investments, and other pertinent information.

## (H) Investment Unit Trust Accounting

Unit trust accounting involves assigning units to each fund based on the share of the fund's investment fair value to the total fair value of the consolidated investments. The per-unit value of all participating funds will increase or (decrease) based on investment earnings or (losses) and appreciation or (depreciation). Deposits and withdrawals for each fund change the number of units held by each fund. These changes are recorded at the unit value on the transaction date. Investment earnings or losses and fees for the total consolidated fund are allocated to each of the pension funds on a daily basis using the pro rata fair value share.

In accordance with GASB criteria for internal investment pools, the assets and liabilities are allocated pro rata to each of the retirement funds within the pool. This includes securities lending collateral, repurchase agreements, investment receivables, interest and dividend receivables, investment payables, securities lending obligations, securities sold under agreement to repurchase and the investment holdings. The assets and liabilities are recorded in the Statement of Fiduciary Net Position in the Unitized Investment Allocation column and each fund's unit value is recorded on the Other Investments line.

Prior to the merger of PERF and TRF, only the PERF defined benefit assets were unitized. Effective January 1, 2012, the INPRS Board of Trustees approved unitizing certain investment assets in order to provide for a consolidated rate of return and to invest in a diversified manner.

The INPRS Board of Trustees unitized, into a consolidated pool, the defined benefit assets of the following retirement funds and pension systems known collectively as the Consolidated Defined Benefit Assets:

[^12]The INPRS Board of Trustees also unitized into a separate consolidated pool the assets comprising the PERF Guaranteed Fund and the TRF Guaranteed Fund, also known as the Guaranteed Fund Assets. In addition, the State Employees' Death Benefit Fund and the Public Safety Officers' Special Death Benefit Fund were consolidated into a pool effective September 2011.

A summary of investments held by unitized value and fund is as follows:

## (dollars in thousands)

| Trust Fund | Consolidated Defined Benefit Assets |  | ASA <br> Guaranteed Fund Assets |  |  | All Other ASA/ Defined ontribution Assets (1) | Death Benefit Funds | Pension Relief Fund | Total INPRS Unitized Investments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Public Employees' Retirement Fund | \$ | 9,398,222 | \$ | 2,095,235 | \$ | 632,683 | \$ | \$ | \$ 12,126,140 |
| Teachers' Retirement Fund |  | 6,159,725 |  | 1,851,305 |  | 999,404 | - |  | 9,010,434 |
| 1977 Police Officers' and Firefighters' Pension and Disability Fund |  | 3,776,158 |  | - |  | - | - | - | 3,776,158 |
| Judges' Retirement System |  | 262,113 |  | - |  | - | - | - | 262,113 |
| State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan |  | 76,090 |  | - |  | - | - | - | 76,090 |
| Prosecuting Attorneys' Retirement Plan |  | 27,610 |  | - |  | - | - | - | 27,610 |
| Legislators' Defined Benefit Plan |  | 3,394 |  | - |  | - | - | - | 3,394 |
| Legislators' Defined Contribution Plan |  | 9,949 |  | - |  | 14,236 | - | - | 24,185 |
| State Employees' Death Benefit Fund |  | - |  | - |  | - | 7,683 | - | 7,683 |
| Public Safety Officers' Special Death Benefit Fund |  | - |  | - |  | - | 4,468 | - | 4,468 |
| Pension Relief Fund |  | - |  | - |  | - | - | 14,116 | 14,116 |
| Total INPRS Unitized Investments | \$ | 19,713,261 | \$ | 3,946,540 | \$ | 1,646,323 | \$12,151 | \$ 14,116 | \$ 25,332,391 |

(1) All other ASA/defined contributions consist of PERF and TRF ASA assets which are not invested into the Guaranteed Fund plus other Legislators' defined contributions that are not invested into the Consolidated Defined Benefit Assets.

## (I) Investments Receivable and Investments Payable

Investments receivable and investments payable consist primarily of receivables or payables for securities purchased or sold, but not settled as of June 30, 2012.

## (J) Capitalized Assets

Capital assets, fixed and intangible, are capitalized at historical cost when total cost is $\$ 20,000$ or more. The cost of items like normal maintenance, repairs, and software license agreements that do not add to the value of the assets or materially extend assets' lives are not capitalized. Depreciation and amortization are calculated using straight-line method over the estimated useful life of assets exceeding one (1) year life; depreciation and amortization expenses are recognized in administrative expenses.

The following are net capitalized asset values as of June 30, 2012:

| (dollars in thousands) |  | Accumulated <br> Depreciation <br> Amortization | Net <br> Capitalized <br> Assets |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Capitalized Assets | Gross Cost | 547 | $\$$ | - | $\$$ |
| Land | 2,893 | $(1,143)$ | 1,750 |  |  |
| Building | 87 | $(87)$ | - |  |  |
| Equipment | 11,662 | $(3,163)$ | 8,499 |  |  |
| Software | 156 | $(23)$ | 133 |  |  |
| Leasehold Improvements | $\$$ | $\mathbf{1 5 , 3 4 5}$ | $\$$ | $\mathbf{( 4 , 4 1 6 )}$ | $\$$ |
| $\quad 10,929$ |  |  |  |  |  |

INPRS owns and occupies the land and building at 143 W . Market Street, Indianapolis, IN. The building is being depreciated over 20 years.

All capitalized equipment is currently fully depreciated. No new equipment was capitalized during the current fiscal year.

INPRS is in the process of implementing new computer systems. Amortization is computed over five (5) years when assets are placed in service. Costs for purchase and development of computer software meeting minimum cost and service life estimates are capitalized as incurred. Two (2) new systems were placed in service during the current fiscal year.

INPRS has capitalized leasehold improvements made to office space leased at One North Capitol Avenue, Indianapolis, IN. Amortization for these leasehold improvements is calculated over 10 years.

## (K) Benefits and Distributions

Pension, disability, special death benefits, and distributions of contributions and interest are recognized when due and payable to members or beneficiaries. Benefits are paid once the retirement or survivor applications have been processed and approved. Distributions of contributions and interest are distributions from inactive, non-vested members' annuity savings accounts. These distributions may be requested by members or autodistributed by the fund when certain criteria are met.

## (L) Interfund Balances and Transfers

Total interfund balances represent routine transfers between funds for initial retirements and payments of shared administrative expenses between funds as part of the agency's operations. Payments of interfund balances are funded on a routine basis between funds.

When statute allows, transfers of member and employer reserves are made between funds when a retiring member has service in multiple funds. Once a member selects which fund he/she wishes to retire from, creditable service covered by the other fund and the related annuity savings account (ASA) balance will be transferred to the fund selected in calculating the member's retirement benefit. At the time the retirement is
calculated, the fund selected sets up a receivable from the other fund for both the ASA account balance and the calculated reserve for the service credit brought in from the other fund. This receivable is included as a line item in the Receivables section of Statement of Fiduciary Net Position. On the reverse side, a payable is recognized in the Liabilities section of the Statement of Fiduciary Net Position.

## (M) Compensated Absences

INPRS' full-time employees accumulate earned but unused vacation, sick pay, and personal time each pay period. Bonus vacation days are awarded upon completion of five (5), 10 and 20 years of employment with INPRS and/or the state of Indiana. Upon separation from service, employees in good standing will be paid for a maximum of 30 unused vacation leave days.

Vacation and personal leave are reported as part of the Salaries and Benefits Payable line in the Liabilities section of the Statement of Fiduciary Net Position. No liability is reported for unpaid accumulated sick leave.

## (N) Administrative Expenses

An annual budget for the administrative expenses of INPRS is reviewed and approved by the INPRS Board of Trustees. Administrative expenses are paid from plan assets and investment earnings.

The PERF plan pays the shared administrative expenses of all the funds. At June 30, a receivable is established in the PERF plan and a payable in the other funds for the amount due to the PERF plan for the other funds' administrative expenses. The payable and receivable are settled routinely.

## (O) Federal Income Tax Status

Plans administered by INPRS qualify under Section 401(a) of the Internal Revenue Code (IRC) and are exempt from federal income taxes under Section 501(a) of the IRC.

## (P) Reserves and Designations

The following are the legally required reserves.

1. Member Reserve - The member reserve represents member contributions made by or on behalf of the members plus any interest or earnings, less amounts distributed or transferred to the Benefits in Force reserve for retirement, disability, or other benefits. For the PERF and TRF plans, this reserve includes the members' annuity savings accounts. Member reserves are fully funded.
2. Employer Reserve - This reserve consists of the accumulated employer contributions, plus earnings, less transfers made to the Benefits in Force reserve of the actuarial pension cost for retirement, disability, or other benefits. The funding status of the employer reserve is outlined in Note 10 and the accompanying Required Supplementary Information.
3. Benefits in Force - This reserve represents the actuarially determined present value of future benefits for all members who are currently retired or disabled and survivors of members who died in service. The accumulated contributions of the members who elect to annuitize their annuity savings accounts and the
actuarial pension cost are transferred to the reserve upon retirement, disability, or death. This reserve is fully funded based on the latest actuarial valuation.
4. Undistributed Investment Income Reserve - This reserve is credited with all investment earnings. Interest transfers are made periodically during the year to the other reserves as allowed or required by the individual funds' statutes. The transfers are at rates established by the INPRS Board of Trustees, statutes or the actual earning rates of the investment options, depending on the statutes of the individual funds. Any remaining balance (positive or negative) is transferred to the employer reserve and allocated to the employers of the funds.

The following are the balances of the reserves as of June 30, 2012:


## (O) PERF Annual Pension Cost and Net Pension Obligation

PERF is a discretely presented component unit of the state of Indiana, and PERF employees are combined with the state of Indiana for actuarial purposes.

The Annual Pension Cost and Net Pension Obligations as of June 30, 2012, and the historical trend information for the state of Indiana PERF Defined Benefit retirement plan are as follows:

| Annual Pension Cost and Net Pension Obligation (dollars in thousands): | 183,389 |
| :--- | ---: |
| Annual Required Contribution | 404 |
| Interest on Net Pension Obligation | $(465)$ |
| Adjustment to Annual Required Contribution | 183,328 |
| Annual Pension Cost | 138,328 |
| Actual Employer Contributions | 45,000 |
| Increase (Decrease) in Net Pension Obligation | 5,773 |
| Net Pension Obligation, Beginning of Year | $\mathbf{4}$ |
| Net Pension Obligation, End of Year | $\mathbf{5 0 , 7 7 3}$ |
| Memo: State Contribution Rate - FY2012 | $\mathbf{8 . 6 \%}$ |

Three-Year Trend Information
(dollars in thousands)

| Fiscal Year <br> Ended | Annual Pension <br> Cost (APC) | \% of APC <br> Contributed | Net Pension <br> Obligation |  |
| :---: | :---: | :---: | :---: | ---: |
| June 30, 2012 | $\$$ | 183,328 | $75.5 \%$ | $\$$ |
| June 30, 2011 | 176,882 | 65.1 | 50,773 |  |
| June 30,2010 | 118,839 | 93.9 | 5,773 |  |
|  |  |  |  |  |

## (R) Adoption of New Accounting Standards

INPRS reviewed GASB Statement No. 64, Derivative Instruments: Application of Hedge Accounting Termination Provisions (an amendment of GASB Statement No. 53), which is effective for fiscal years beginning on or after June 15, 2011. There was no impact on the INPRS' financial statements with the implementation of GASB Statement No. 64, as none of INPRS' derivative transactions meet the criteria for hedge accounting treatment.

The following statements are under review, and if applicable, will be adopted by INPRS for the fiscal year ending June 30, 2013.

- Statement No. 60, Accounting and Financial Reporting for Service Concession Arrangements, which is effective for fiscal years beginning on or after December 15, 2011.
- Statement No. 61, The Financial Reporting Entity: Omnibus - an amendment of GASB Statements No. 14 and No. 34, effective for fiscal years beginning on or after June 15, 2012.
- Statement No. 62, Derivative Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements, effective for fiscal years beginning on or after December 15, 2011.
- Statement No. 63, Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position, effective for fiscal years beginning on or after December 15, 2011.

The following statements are under review, and if applicable, will be adopted by INPRS for the fiscal year ending June 30, 2014.

■ Statement No. 65, Items Previously Reported as Assets and Liabilities, effective for fiscal years beginning on or after December 15, 2012.

■ Statement No. 66, Technical Corrections - 2012 - an amendment of GASB Statements No. 10 and No. 62, effective for fiscal years beginning on or after December 15, 2012.

- Statement No. 67, Financial Reporting for Pension Plans - an amendment of GASB Statement No. 25, effective for fiscal years beginning or after June 15, 2013.

The following statement is under review, and if applicable, will be adopted by INPRS for the fiscal year ended June 30, 2015.

■ Statement No. 68, Accounting and Financial Reporting for Pensions - an amendment of GASB Statement No. 27, effective for fiscal years beginning on or after June 15, 2014.

## Note 4. Contributions Required and Contributions Made

## Overview

In summary, the employer contribution rates for all of the INPRS defined benefit plans are actuarially determined, except for the TRF Pre-1996 Account. The TRF Pre-1996 Account is funded on a pay-as-you-go basis as described in the Teachers' Retirement Fund portion of this note below. For the other defined benefit retirement plans, the required employer contributions are determined by the INPRS Board of Trustees based on actuarial investigation and valuation.

The funding policy provides for periodic employer contributions at actuarially determined rates that, expressed as percentages of annual covered payroll, are sufficient to fund the pension benefits when they come due. Employer contribution rates for fiscal year 2012 were determined by using the fiscal year 2010 actuarial valuation results projecting forward payroll for fiscal year 2012.

The unfunded actuarial accrued liability on any valuation date is the present value of projected future benefits to be paid less the actuarial value of assets (AVA). Actuarial assets are calculated using an asset smoothing method of investment gains and losses on the market value of assets (MVA). The asset smoothing method is used to reduce the year-over-year volatility in the calculation of the funded status and employer contribution rates. INPRS applies a four-year smoothing method, with a 20 percent corridor, where the AVA cannot be more than 120 percent or less than 80 percent of the MVA after the four-year smoothing of gains and losses is applied.

Except for the LEDB Plan, the actuarial cost method used in the valuation is the entry age normal cost method. Under this method, costs are spread evenly over a member's career. For the LEDB Plan, the actuarial cost method used is the Traditional Unit Credit method, since this is a frozen plan to new entrants and benefits are no longer increasing.

Annual actuarial costs consist of two (2) components, the normal cost and an amortized amount of the plan's unfunded liability. Normal cost represents the estimated amount of benefits earned during the current year and the unfunded liability amount is amortized over a 30-year closed period. There two (2) components make up the development of the employer contribution rates

## (A) Public Employees' Retirement Fund

The state of Indiana and any political subdivision that elects to participate in PERF is obligated by statute to make contributions to the plan. The required contributions are determined by the INPRS Board of Trustees based on actuarial investigation and valuation in accordance with IC 5-10.2-2-11. The funding policy provides for periodic employer contributions at actuarially determined rates that, expressed as percentages of annual covered payroll, are sufficient to fund the pension benefits when they become due. During fiscal year 2012, all participating employers were required to contribute 8.6 percent of covered payroll for State members. For political subdivisions, an average contribution rate of 7.9 percent was required from employers during the period of July 1 - December 31, 2011, and an average contribution rate of 8.8 percent was required for the period of January 1 - June 30, 2012.

PERF members contribute three (3) percent to their annuity savings account, which is not used to fund the defined benefit pension. The employer may elect to make the contributions on behalf of the member. In addition, members may elect to make additional voluntary contributions of up to 10 percent of their compensation into their annuity savings accounts. Upon retirement, members may choose to annuitize the amount of their annuity saving accounts to be combined with their monthly pension amount.

## (B) Teachers' Retirement Fund

The TRF Pre-1996 Account is funded on a pay-as-you-go basis for employees hired prior to July 1, 1995, and who have maintained continuous employment with the same school corporation or covered institution since that date. State appropriations are made in accordance with IC 5-10.4-2-4 for each fiscal year. Currently, a three (3) percent year-over-year increase is being provided through state appropriations. If the actual pension benefit payout for the fiscal year exceeds the amount appropriated, the difference is paid from the Pension Stabilization Fund, which was established according to IC 5-10.4-2-5.

The employer contribution rate for the TRF 1996 Account (i.e., members hired on or after July 1, 1995; or hired before July 1, 1995, and prior to June 30, 2005, were either hired by another school corporation or institution covered by the Fund or were re-hired by a covered prior employer) is actuarially determined. The required contributions are determined by the INPRS Board of Trustees based on actuarial investigation and valuation in accordance with IC 5-10.2-2-11. The funding policy provides for periodic employer contributions at actuarially determined rates that, expressed as percentages of annual covered payroll, are sufficient to fund the pension benefits when they become due. During fiscal year 2012, all participating employers in the TRF 1996 Account were required to contribute 7.5 percent of covered payroll.

TRF members contribute three (3) percent to their annuity savings account, which is not used to fund the defined benefit pension. The employer may elect to make the contributions on behalf of the member. In addition, members may elect to make additional voluntary contributions of up to 10 percent of their compensation into their annuity savings accounts. Upon retirement, members may choose to annuitize the amount in their annuity savings accounts to be combined with their monthly pension amount.

## (C) 1977 Police Officers' and Firefighters' Pension and Disability Fund

The funding policy for the 1977 Fund requires quarterly remittances of member and employer contributions based on percentages of the salary of a first class officer or firefighter rather than actual payroll. The employer contribution rate is actuarially determined. The required contributions are determined by the INPRS Board of Trustees based on actuarial investigation and valuation in accordance with IC 36-8-8-6. As the 1977 Fund is a cost-sharing system, all risks and costs, including benefit costs, are shared proportionally by the participating employers. During fiscal year 2012, all participating employers were required to contribute 19.5 percent during the period of July 1 - December 31, 2011 and 19.7 percent during the period of January 1 June 30, 2012 of the salary of a first class officer or firefighter

The member contribution rate is not actuarially determined but was established by statute IC 36-8-8-8 at six (6) percent of the salary of a first class officer or firefighter. Each fund member shall contribute during the
period of the fund member's employment or for 32 years, whichever is shorter. The employer may pay all or a part of the contribution for the member. Member contributions are used to fund a portion of the defined benefit payment unless the member ends employment other than by death or disability before the fund member completes 20 years of active service. The INPRS Board of Trustees shall return to the fund member in a lump sum the fund member's contributions plus interest as determined by the INPRS Board of Trustees in accordance with IC 36-8-8-8.

## (D) Judges' Retirement System

The funding policy for the Judges' Retirement System is in accordance with statute IC 33-38-6-17 that requires an appropriation, determined by the INPRS Board of Trustees from the state of Indiana General Fund, for each biennium to the Judges' Retirement System computed on an actuarially funded basis and the recommendation of the actuary.

The member contribution rate is not actuarially determined but was established by statute IC 33-38-710 (1977 System) and IC 33-38-8-11 (1985 System) at six (6) percent of salary. Each fund member shall contribute during the period of the fund member's employment, or for 22 years, whichever is shorter. The employer may pay all or a part of the contributions for the member. Member contributions are used to fund a portion of the defined benefit payment unless the member ends employment other than by death or disability before being eligible for a retirement benefit. The INPRS Board of Trustees shall return to the fund member an amount equal to the total sum contributed to the fund plus interest at a rate specified by the INPRS Board of Trustees in accordance with IC 33-38-7-13 (1977 System) and IC 33-38-8-12 (1985 System).

## (E) State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

The funding policy for the E,G,\&C Plan is in accordance with statute IC 5-10-5.5-8.5. The employer contribution rate is actuarially determined. The required contributions are determined by the INPRS Board of Trustees based on actuarial investigation and valuation. During fiscal year 2012, all participating employers were required to contribute 20.75 percent of covered payroll.

The member contribution rate is not actuarially determined but was established by statute IC 5-10-5.5-8 at four (4) percent of a participant's salary to be contributed to the participant's savings account. The employer may pay all or a part of the contribution for the participant. Member contributions are used to fund a portion of the defined benefit payment. Any participant who terminates employment before accumulating 15 years of creditable service and before attaining the age of 45 shall be entitled to a lump sum refund of all contributions in the participant's savings account plus accumulated interest as determined by the INPRS Board of Trustees in accordance with IC 5-10-5.5-17.

## (F) Prosecuting Attorneys' Retirement Fund

The funding policy for PARF is in accordance with statute IC 33-39-7-23 that requires an appropriation, determined by the INPRS Board of Trustees from the state of Indiana General Fund, for each biennium to PARF computed on an actuarially funded basis and the recommendation of the actuary.

The member contribution rate is not actuarially determined but was established by statute IC 33-39-712 at six (6) percent of salary. The employer may elect to pay the contributions for a member. Member contributions are used to fund a portion of the defined benefit payment unless the member ends employment other than by death or disability before the member completes eight (8) years of creditable service. The INPRS Board of Trustees shall return to the fund member an amount equal to the total sum contributed to the fund plus interest at a rate specified by the INPRS Board of Trustees in accordance with IC 33-39-7-13.

## (G) Legislators' Retirement System

For the LEDB Plan, the funding policy is in accordance with statute IC 2-3.5-4-9 and IC 2-3.5-4-10. The amount required to actuarially fund participants' retirement benefits, as determined by the INPRS Board of Trustees on the recommendation of the actuary, is to be appropriated from the state of Indiana General Fund for each biennium.

For the LEDC Plan, each participant is required to contribute five (5) percent of annual salary in accordance with statute IC 2-3.5-5-4. In addition, the state of Indiana is required by statute IC 2-3.5-5-5.5 to contribute a percentage of the member's annual salary on behalf of the participant as determined by INPRS Board of Trustees and confirmed by the State Budget Agency each year. Effective January 1, 2012, the rate was established at 11.6 percent.

## Note 5. Deposits and Investments

## Investment Guidelines and Limitations

The Indiana General Assembly enacted the prudent investor standard to apply to the INPRS Board of Trustees and govern all its investments. Under statute (IC 5-10.3-5-3(a)) for PERF and (IC 5-10.4-3-10(a)) for TRF, the Board of Trustees must "invest its assets with the care, skill, prudence and diligence that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a like character with like aims." The Board of Trustees also is required to diversify such investments in accordance with the prudent investor standard.

Within these governing statutes, the INPRS Board of Trustees has broad authority to invest the assets of the plans. The INPRS Board of Trustees utilizes external investment managers, each with specific mandates to achieve the investment objectives of the retirement funds. Depending on the mandate and the contractual agreement with the investment manager, investments may be managed in separate accounts, commingled accounts, mutual funds or other structures acceptable to the INPRS Board of Trustees. An asset allocation review is conducted periodically.

The new strategic asset allocation for the Consolidated Defined Benefit Assets was approved by the INPRS Board of Trustees in October 2011, and is incorporated in the new INPRS Investment Policy (effective January 1, 2012) as follows:

| Global Asset Classes | Target Allocation | Target Range |
| :---: | :---: | :---: |
| Public Equity | 22.5\% | 20.0\% to 25.0\% |
| Private Equity | 10.0\% | 7.0\% to 13.0\% |
| Fixed Income - Ex Inflation-Linked | 22.0\% | 19.0\% to 25.0\% |
| Fixed Income - Inflation-Linked | 10.0\% | 7.0\% to 13.0\% |
| Commodities | 8.0\% | 6.0\% to 10.0\% |
| Real Estate | 7.5\% | 4.0\% to 11.0\% |
| Absolute Return | 10.0\% | 6.0\% to 14.0\% |
| Risk Parity | 10.0\% | 5.0\% to 15.0\% |

Contributions and asset reallocation in the PERF and TRF Annuity Savings Accounts and the Legislators' Defined Contribution Plan (LEDC) are directed by the members in each plan and as such, the asset allocation will differ from that of the Consolidated Defined Benefit Assets.

The Pension Relief Fund (PR Fund) is invested 100 percent in a money market fund. The State Employees' Death Benefit Fund and the Public Safety Officers' Special Death Benefit Fund are 100 percent invested in fixed income securities benchmarked against Barclays Capital U.S. Government Credit Index.

The following key factors are used in the analysis of the investment performance of the retirement funds:
■ Net of fees, 10-year rolling annual rate of return equal to the target rate of return for the retirement funds.

- Net of fees, 1-year and 3-year rolling investment rate of return of the retirement funds, no less than a weighted average of benchmark indices which best describe the retirement funds' asset allocation.
- Net of fees, 3-year and 5-year Sharpe Ratio of the retirement funds, no less than a weighted average of benchmark indices' Sharpe Ratio which best describe the retirement funds' asset allocation.


## Custodial Credit Risk

Deposits, investment securities, and collateral securities are exposed to custodial credit risk if they are uninsured and uncollateralized. Custodial credit risk is the risk that, in the event of a failure of the counterparty, INPRS will not be able to recover the value of its deposits, investments or collateral securities that are in the possession of an outside party. Investment securities are exposed to risk if the securities are uninsured, are not registered in the name of INPRS and are held by either the counterparty or the counterparty trust department's agent, but not in INPRS' name.

Per IC 5-10.3-5-4(a) and IC 5-10.3-5-5 for PERF and IC 5-10-4-3-14(a)) and IC 5-10.4-3-13 for TRF, securities are required to be held for the fund under custodial agreements. INPRS' custody agreement with the custodian requires that the custodian segregate the securities on the custodian's books and records from the custodian's own property. In addition, any investment manager for INPRS is not allowed, under any circumstances, to take possession, custody, title, or ownership of any managed assets.

There was no custodial credit risk for investments including investments related to securities lending collateral as of June 30, 2012.

Deposits are exposed to custodial credit risk if they are not covered by depository insurance and the deposits are uncollateralized or collateralized with securities held by the pledging financial institution. Deposits held in the demand deposit accounts are carried at cost and are insured up to $\$ 250$ thousand for each institution. Deposits in the demand accounts held in excess of $\$ 250$ thousand are not collateralized. Deposits with the Indiana Treasurer of State are entirely insured. Deposits held with brokers and counterparties are carried at cost and are not insured or collateralized
(dollars in thousands)

| Cash Deposits | Total |  |
| :--- | ---: | ---: |
| Demand Deposit Account - Bank Balances | $\mathbf{1 2 , 6 8 4}$ |  |
| Held with Treasurer of State | 15,451 |  |
| Held with Counterparties | 10 |  |
| Held with Brokers | 323,859 |  |
| $\quad$ Total | $\mathbf{\$}$ | $\mathbf{3 5 2 , 0 0 4}$ |

## Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of the investments. Duration is a measure of interest rate risk. The longer the maturity, the more the value of the fixed-income investment will fluctuate with interest rate changes. The INPRS Investment Policy Statement recognizes interest rate risk as a market risk factor that is monitored on an absolute and relative basis.

As of June 30, 2012 the debt securities had the following duration information:
(dollars in thousands)

| Debt Security Type | Fair Value 6/30/2012 | \% of All Debt Securities | Portfolio Weighted Average Effective Duration (Years) |
| :---: | :---: | :---: | :---: |
| Short Term Investments |  |  |  |
| Cash at Brokers | \$ 323,859 | 2.3\% | - |
| Money Market Sweep Vehicle | 1,749,484 | 12.4 | 0.01 |
| Commercial Paper | 3,000 | 0.0 | 0.01 |
| U.S. Treasury Obligations | 413,976 | 2.9 | - |
| Non-U.S. Government | 3,720 | 0.0 | - |
| Total Short Term Investments | 2,494,039 | 17.6 |  |
| Fixed Income Investments |  |  |  |
| U.S. Governments | 3,497,061 | 24.7 | 1.78 |
| Non-U.S. Government | 723,737 | 5.1 | 0.43 |
| U.S. Agencies | 1,589,888 | 11.2 | 0.42 |
| Corporate Bonds | 3,451,561 | 24.4 | 1.12 |
| Asset-Backed Securities | 1,141,669 | 8.1 | 0.19 |
| Duration Not Available | 1,268,918 | 8.9 | N/A |
| Total Fixed Income Investments | 11,672,834 | 82.4 |  |
| Total Debt Securities | \$ 14,166,873 | 100.0\% |  |

The $\$ 1,269$ million, for which no duration was available, is primarily made up of commingled debt funds.

## Credit Risk

The credit risk of investments is the risk that the issuer will default and not meet their obligations. The INPRS Investment Policy Statement recognizes credit (quality) risk as a market and strategic risk factor that is monitored on an absolute and relative basis.

The quality rating of investments in debt securities as described by Moody's at June 30, 2012 is as follows:

| Moody's Rating | Short Term Investments |  | Debt Securities |  | Total |  | \% of All Debt Securities |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aaa | \$ | 413,976 | \$ | 6,077,018 | \$ | 6,490,994 | 45.7\% |
| U.S. Government Guaranteed |  | - |  | 433,768 |  | 433,768 | 3.1 |
| Aa |  | - |  | 363,980 |  | 363,980 | 2.6 |
| A |  | 3,000 |  | 1,131,046 |  | 1,134,046 | 8.0 |
| Baa |  | - |  | 1,643,343 |  | 1,643,343 | 11.6 |
| Ba |  | - |  | 224,041 |  | 224,041 | 1.6 |
| B |  | - |  | 151,288 |  | 151,288 | 1.1 |
| Below B |  | - |  | 61,090 |  | 61,090 | 0.4 |
| Unrated |  | 2,077,063 |  | 1,587,260 |  | 3,664,323 | 25.9 |
| Total | \$ | 2,494,039 |  | 11,672,834 | \$ | 14,166,873 | 100.0\% |

The $\$ 3,664$ million not rated by Moody's is primarily in the following security types: cash at broker, money market sweep vehicles, asset-backed securities, commercial mortgages, CMO/Remics and commingled debt funds.

## Concentration of Credit (Issuer) Risk

Concentration of credit risk is the risk of loss that may arise in the event of default by a single issuer. The INPRS Investment Policy Statement recognizes issuer risk as a strategic risk factor that is monitored on an absolute and relative basis.

INPRS Investment Policy Statement has placed an upper limit on the concentration of assets placed with an investment manager.

No investment manager shall manage more than 10 percent of the system's assets in actively managed portfolios at the time of funding. Through capital appreciation and additional purchases, no investment manager shall be allowed to manage in excess of 15 percent of the systems' assets in actively managed portfolios without Board approval.

No investment manager shall manage more than 15 percent of the system's assets in passively managed portfolios at the time of funding. Through capital appreciation and additional purchases, no investment manager shall be allowed to manage in excess of 20 percent of the system's assets in passively managed portfolios without Board approval.

No investment manager shall manage more than 25 percent of the system's assets in a combination of actively and passively managed portfolios.

At June 30, 2012, there was no concentration of credit (issuer) risk for the Consolidated Defined Benefit Assets.

## Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. INPRS' foreign currency exposure is focused primarily in international equity holdings.

The INPRS Investment Policy Statement recognizes foreign exchange risk and the impact on incremental risk and return is assessed based on overall portfolio exposure. Unless otherwise approved by the Board, management of foreign currency exposure will only be implemented (1) by an Investment Manager on its Portfolio when the Investment Manager possesses recognized foreign exchange experience or (2) by an overlay manager or other third-party expert for a specific Portfolio or Retirement Fund. Any hedging strategy recommendation will be presented to the Board for approval and incorporated into the benchmark. The management and implementation of Board approved hedging activities will be implemented by the CIO, with the advice of the Executive Director and Consultants who are approved by the Board.

INPRS has exposure to foreign currency fluctuation as follows:

| (dollars in thousands) <br> Currency: | Foreign Currency Held at June 30, 2012 |  |  |  |  |  |  |  |  |  | \% of Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Short Term Investments |  | Debt Securities |  | Equity Securities |  | Other Investments |  | Grand Total |  |  |
| Australian Dollar | \$ | 2,206 | \$ | 16,093 | \$ | 76,300 | \$ | \$ | \$ | 94,599 | 0.4\% |
| Brazilian Real |  | 250 |  | 12,111 |  | 36,765 |  | - |  | 49,126 | 0.2 |
| British Pound Sterling |  | 670 |  | 143,544 |  | 295,294 |  | 3,248 |  | 442,756 | 1.7 |
| Canadian Dollar |  | 263 |  | 95,895 |  | 90,037 |  | - |  | 186,195 | 0.7 |
| Chilean Peso |  | - |  | 1,332 |  | - |  | - |  | 1,332 | 0.1 |
| Colombian Peso |  | - |  | 2,215 |  | 678 |  | - |  | 2,893 | 0.0 |
| Czech Koruna |  | 27 |  | - |  | 3,023 |  | - |  | 3,050 | 0.0 |
| Danish Krone |  | 27 |  | - |  | 20,269 |  | - |  | 20,296 | 0.1 |
| Egyptian Pound |  | 13 |  | - |  | 551 |  | - |  | 564 | 0.0 |
| Euro Currency Unit |  | 2,010 |  | 306,522 |  | 488,023 |  | 190,809 |  | 987,364 | 3.7 |
| Hong Kong Dollar |  | 84 |  | - |  | 121,300 |  | - |  | 121,384 | 0.5 |
| Hungarian Forint |  | 10 |  | - |  | 483 |  | - |  | 493 | 0.0 |
| Indian Rupee |  | - |  | - |  | 14,996 |  | - |  | 14,996 | 0.1 |
| Indonesian Rupiah |  | 79 |  | - |  | 5,729 |  | - |  | 5,808 | 0.0 |
| Israeli Shekel |  | 14 |  | - |  | 2,489 |  | - |  | 2,503 | 0.0 |
| Japanese Yen |  | 3,370 |  | 66,528 |  | 330,794 |  | - |  | 400,692 | 1.5 |
| Korean Won |  | 397 |  | - |  | 58,971 |  | - |  | 59,368 | 0.2 |
| Malaysian Ringgit |  | 4 |  | - |  | 7,637 |  | - |  | 7,641 | 0.0 |
| Mexican Peso |  | 4,234 |  | 28,102 |  | 8,549 |  | - |  | 40,885 | 0.2 |
| New Zealand Dollar |  | 12 |  | 7,899 |  | 833 |  | - |  | 8,744 | 0.0 |
| Norwegian Krone |  | 22 |  | - |  | 25,827 |  | 26,845 |  | 52,694 | 0.2 |
| Philippine Peso |  | 8 |  | 10,147 |  | 1,843 |  | - |  | 11,998 | 0.0 |
| Polish Zloty |  | - |  | 7,128 |  | 2,264 |  | - |  | 9,392 | 0.0 |
| Singapore Dollar |  | 211 |  | - |  | 37,633 |  | - |  | 37,844 | 0.1 |
| South African Rand |  | 44 |  | - |  | 38,869 |  | - |  | 38,913 | 0.1 |
| Swedish Krona |  | 17 |  | 37,754 |  | 69,079 |  | - |  | 106,850 | 0.4 |
| Swiss Franc |  | 1,164 |  | - |  | 114,578 |  | - |  | 115,742 | 0.4 |
| Taiwan Dollar |  | 646 |  | - |  | 34,721 |  | - |  | 35,367 | 0.1 |
| Thai Baht |  | 2 |  | - |  | 17,926 |  | - |  | 17,928 | 0.1 |
| Turkish Lira |  | 42 |  | - |  | 23,619 |  | - |  | 23,661 | 0.1 |
| Held in Foreign Currency |  | 15,826 |  | 735,270 |  | 1,929,080 |  | 220,902 |  | 2,901,078 | 10.9 |
| Held in U.S. Dollar |  | 2,478,213 |  | 10,937,564 |  | 4,352,038 |  | 5,998,341 |  | 23,766,156 | 89.1 |
| Total | \$ | 2,494,039 | \$ | 11,672,834 | \$ | 6,281,118 | \$ | 6,219,243 | \$ | 26,667,234 | 100.0\% |

## Securities Lending

Indiana Code 5-10.2-2-13(d) provides that the INPRS Board of Trustees may authorize a custodian bank to enter into a securities lending program agreement under which certain securities held by the custodian on behalf of INPRS may be loaned. The statute requires that collateral initially in excess of the total market value of the loaned securities must be pledged by the borrower and must be maintained at no less than the total market value of the loaned securities

The purpose of such a program is to provide additional revenue for the Consolidated Defined Benefits Assets. The INPRS Investment Policy Statement requires that collateral securities and cash be initially pledged at 102 percent of the market value of the securities lent for domestic securities and 105 percent for international securities. No more than 40 percent of the Consolidated Defined Benefit Assets may be lent at one time. The custodian bank and/or its securities lending sub-agents provide 100 percent indemnification of the Consolidated Defined Benefit Assets against borrower default, overnight market risk and failure to return loaned securities. Securities received as collateral cannot be pledged or sold unless the borrower defaults. INPRS retains the market value risk with respect to the investment of the cash collateral.

Cash collateral investments are subject to the investment guidelines specified by the INPRS Investment Policy Statement. It states that the maximum weighted average days to maturity may not exceed 60. The securities lending agent matches the maturities of the cash collateral investments with stated securities loans' termination dates. Cash collateral received for open-ended loans that can be terminated on demand are invested with varying maturities.
(dollars in thousands)
Securities Lending as of June 30, 2012

| Market value of securities on loan | $1,692,637$ <br> Fair value of cash and non-cash collateral by investment type: <br> U.S. Governments <br> Domestic Equities <br> Corporate Bonds <br> International Equities <br> Fair value of cash and non-cash collateral <br> Fair value of non-cash collateral that is not included in the <br> Statements of Fiduciary Plan Net Position <br> Fair value of cash collateral (liability to borrowers) <br> Fair value of reinvested cash collateral by type: <br> Commercial Paper <br> Repurchase Agreements <br> Floating Rate Notes <br> Certificate of Deposits <br> Fair value of reinvested cash collateral <br> Net unrealized gain | $1,734,284$ |
| :--- | ---: | ---: |

The quality rating of the reinvested cash collateral investments as described by Standard and Poor's at June 30, 2012 is as follows:

| Standard and Poor's Rating | Fair Value of Reinvested Cash Collateral |  | Percent of Portfolio |
| :---: | :---: | :---: | :---: |
| A-1 and A-1 + | \$ | 507,045 | 56.5\% |
| AA + |  | 10,636 | 1.1 |
| AA- |  | 114,552 | 12.8 |
| A + |  | 11,419 | 1.3 |
| A |  | 3,115 | 0.3 |
| Unrated |  | 250,964 | 28.0 |
| Total | \$ | 897,731 | 100.0\% |

The majority of the unrated reinvested cash collateral investments consist of repurchase agreements.

## Repurchase Agreements

A repurchase agreement is an agreement in which INPRS transfers cash to a broker-dealer or financial institution. The broker dealer or financial institution transfer securities to INPRS and promises to repay the cash plus interest in exchange for the same securities. Repurchase agreements are assets with the security collateral held at INPRS' custodian bank.

A reverse repurchase agreement is the same as a repurchase agreement, but from the perspective of the buyer rather than the seller. Repurchase agreements are secured loans with INPRS' collateral held at the broker dealer or financial institution's custodian bank.

The amounts held at June 30, 2012, exclusive of securities lending reinvested cash collateral, are as follows:
(dollars in thousands)

| Repurchase Agreements by Collateral Type | Cash Collateral Received |  | Market Value |  |
| :---: | :---: | :---: | :---: | :---: |
| U.S. Agencies | \$ | 96,400 | \$ | 98,731 |
| Corporate Bond |  | 1,090 |  | 1,111 |
| Total | \$ | 97,490 | \$ | 99,842 |


| Reverse Repurchase Agreements <br> by Collateral Type | Market Value |  | Cash Collateral <br> Posted |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| U.S. Inflation Linked Bonds | $\$$ | 147,680 |  | $\$$ | 148,198 |
| Total | $\$$ | 147,680 |  | $\$$ | 148,198 |

Note 6. Derivative Financial Instruments

Derivative instruments are financial contracts whose values depend on the values of one or more underlying assets, reference rates, or financial indices. The fair value of all derivative financial instruments is reported in the Statement of Fiduciary Net Position as either assets or liabilities, and the change in the fair value is recorded in the Statement of Changes in Fiduciary Net Position as investment income. A derivative instrument could be a contract negotiated on behalf of the Master Trust and a specific counterparty. This would typically be referred to as an "OTC contract" (Over the Counter) such as swaps, forward contracts and TBAs (Mortgage To Be Announced). Alternatively, a derivative instrument, such as futures, could be listed and traded on an exchange and referred to as "exchange traded". Due to the level of risk associated with certain derivative investment securities, it is reasonably possible that changes in the value of investment securities will occur in the near term, and such changes could affect the amounts reported in the financial statements. Investments in limited partnerships may include derivatives that are not shown in the derivative total.

During the year, the Fund's derivative investments included:

## Futures

A futures contract is an agreement between two parties to buy and sell a financial instrument at a set price on a future date.

INPRS' investment managers use financial futures to replicate an underlying security or index they intend to hold or sell in the portfolio. In certain instances, it may be beneficial to own a futures contract rather than the underlying security. Additionally, INPRS' investment managers use futures contracts to adjust the portfolio risk exposure. Futures contracts may be used for the purpose of investing cash flows or modifying duration, but in no event may leverage be created by any individual security or combination of securities. No short sales of equity securities or equity index derivatives are permitted.

As the market value of the futures contract varies from the original contract price, a gain or loss is recognized and paid to, or received from, the clearinghouse. The cash or securities to fulfill these obligations are held in the investment portfolio.

## Options

Options are agreements that give the owner of the option the right, but not obligation, to buy (in the case of a call) or to sell (in the case of a put) a specific amount of an asset for a specific price on or before a specified expiration date.

The purchaser of put options pays a premium at the outset of the agreement and stands to gain from an unfavorable change (i.e., a decrease) in the price of the instrument underlying the option. The writer of a call option receives a premium at the outset of the agreement and bears the risk of an unfavorable change (i.e., an increase) in the price of the instrument underlying the option. An interest rate swaption is the option to enter into an interest rate swap based off a set of predetermined conditions.

Options are generally used to manage interest rate risk, adjust portfolio duration, or rebalance the total portfolio to the target asset allocation. The fair value of exchange traded options is determined based upon quoted market prices.

The fair value of over the counter options is determined by external pricing services, using various proprietary methods, based upon the type of option.

## Rights/Warrants

Rights provide the holder with the right, but not the obligation, to buy a company's common stock at a predetermined price, the subscription price. The right is good until its expiration date. A right permits the investor to buy at a price that may be below the actual market price for that stock. A warrant is an option to buy an underlying equity security at a predetermined price for a finite period of time.

## Forwards

## Foreign Currency

A forward exchange contract is a commitment to purchase or sell a foreign currency at a future date at a negotiated forward rate. A contract is classified as a forward contract when the settlement date is more than two days after the trade date. Risks associated with such contracts include movement in the value of a foreign currency relative to the U.S. dollar. The contracts are valued at forward exchange rates and include net appreciation / depreciation in the Statement of Fiduciary Net Position. Realized gains or losses on forward currency contracts is the difference between the original contract and the closing value of such contract and is included in the Statement of Changes in Fiduciary Net Position.

The Fund enters into forward currency forwards to manage exposure to fluctuations in foreign currency exchange rates on portfolio holdings and to settle future obligations.

## TBA

A TBA (Mortgage To Be Announced) is a contract for the purchase or sale of agency mortgage-backed securities to be delivered at a future agreed upon date. Associated gains are derived from the change in market value of the contract due to a change in price of the underlying security. Future settlement risk is the risk of not receiving the asset or associated gains specified in the contract.

TBA's are used to achieve the desired market exposure of a security or asset class or adjust portfolio duration. The fair value is determined by external pricing services using various proprietary methods. TBA's are classified as fixed income investments.

## Swaps

## Interest Rate Swaps

Interest rate swaps are derivative instruments in which one party exchanges a stream of fixed interest rate cash flows for floating interest rate cash flows. A notional amount of principal is required to compute the actual cash amounts and is determined at the inception of the contract.

Interest rate swaps are generally used to manage interest rate risk, adjust portfolio duration, or rebalance the total portfolio to the target asset allocation.

The fair value is determined by external pricing services using various proprietary methods.

## Inflation Swaps

An inflation swap is a derivative used to transfer inflation risk from one party to another through an exchange of cash flows. In an inflation swap, one party pays a fixed rate on a notional principal amount, while the other party pays a floating rate linked to an inflation index, such as the Consumer Price Index (CPI) or an inflation bond.

## Credit Default Swaps

Credit default swap agreements involve one party (referred to as the buyer of protection) making a stream of payments to another party (the seller of protection) in exchange for the right to receive a specified return in the event of a default or other predetermined credit event for the referenced entity, obligation or index.

Credit default swaps are used to achieve the desired credit exposure of a security or basket of securities. One of the main advantages of a credit default swap is it allows for exposure to credit risk while limiting exposure to other risks, such as interest rate and currency risk.

The fair value is determined by external pricing services using various proprietary methods.

The table below summarizes INPRS' derivative information for the year ending June 30, 2012:
(dollars in thousands)

| Investment Derivatives | Change in Fair Value |  | Fair Value |  | Notional (USD) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Listed Futures: |  |  |  |  |  |  |
| Equity Index | \$ | 13,986 | \$ | 13,986 | \$ | 498,757 |
| Commodity |  | $(7,505)$ |  | $(7,505)$ |  | 1,009,250 |
| Bond |  | (256) |  | (198) |  | 278,813 |
| Currency |  | (230) |  | 275 |  | 246,611 |
| Interest Rate |  | 220 |  | 220 |  | 50,645 |
| Total Listed Futures |  | 6,215 |  | 6,778 |  | 2,084,076 |
| Options: |  |  |  |  |  |  |
| Listed |  |  |  |  |  |  |
| Currency |  | (98) |  | 83 |  | 10,870 |
| Subtotal Listed |  | (98) |  | 83 |  | 10,870 |
| OTC |  |  |  |  |  |  |
| Swaptions |  | 2,493 |  | (483) |  | 498,720 |
| Subtotal OTC |  | 2,493 |  | (483) |  | 498,720 |
| Total Options |  | 2,395 |  | (400) |  | 509,590 |
| Swaps: |  |  |  |  |  |  |
| OTC |  |  |  |  |  |  |
| Interest Rate Swaps |  | $(1,007)$ |  | $(2,104)$ |  | 1,074,362 |
| Inflation Swaps |  | 49 |  | 49 |  | 13,440 |
| Equity Index |  | 68 |  | (8) |  | 8,100 |
| Credit Default Swaps Single Name |  | 827 |  | 1,195 |  | 263,429 |
| Credit Default Swaps Index |  | 1,191 |  | 664 |  | 301,647 |
| Total Swaps |  | 1,128 |  | (204) |  | 1,660,978 |
| Sub Total Derivatives |  | 9,738 |  | 6,174 |  | 4,254,644 |
| TBA |  | 73 |  | $(70,287)$ |  | 65,500 |
| TOTAL | \$ | 9,811 | \$ | $(64,113)$ | \$ | 4,320,144 |


| (dollars in thousands) Swap Type | Swap Maturity Profile at June 30, 2012 (dollars in thousands) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $<1 \mathrm{yr}$ |  | 1-5 yrs |  | 5-10 yrs |  | 10-20 yrs |  | $20+\mathrm{yrs}$ |  | Total |  |
| Interest Rate Swaps | \$ |  | \$ | (369) | \$ | (967) | \$ | 553 | \$ | $(1,321)$ | \$ | $(2,104)$ |
| Inflation Swaps |  | - |  | (98) |  | 147 |  | - |  | - |  | 49 |
| Equity Index |  | - |  | - |  | (8) |  | - |  |  |  | (8) |
| Credit Default Swaps Single Name |  | (28) |  | 151 |  | (169) |  |  |  | 1,241 |  | 1,195 |
| Credit Default Swaps Index |  | - |  | 726 |  | (62) |  | - |  | - |  | 664 |
| Total Swap Fair Value | \$ | (28) | \$ | 410 | \$ | $(1,059)$ | \$ | 553 | \$ | (80) | \$ | (204) |

## Credit Risk

Counterparty credit risk exists on all open OTC positions. Counterparty credit risk is the risk that a derivative counterparty may fail to meet its payment obligation under the derivative contract.

INPRS' investment managers use International Swaps and Derivative Association Master Agreements to further reduce counterparty risk by specifying credit protection mechanisms and providing standardization that improves legal certainty, thereby reducing the probability of unforeseen losses. Furthermore, the master agreements can provide additional credit protection through the requirement of collateral exchange and certain event of default and mutual termination provisions. Securities eligible as collateral are typically United States government bills and U.S. dollar cash.

The maximum amount of loss due to credit risk that the Fund would incur if the counterparty to the derivative instrument failed to perform according to the terms of the contract, without respect to any collateral or other security, or netting arrangements, is the total unrealized gain of derivatives at the end of the reporting period. The aggregate fair value of investment derivative instruments in asset positions at June 30, 2012, was \$19,072 thousand of which $\$ 13,336$ thousand was uncollateralized.

The tables below summarize INPRS's swap positions as of June 30, 2012:

| (dollars in thousands) <br> Swaps Counterparty | S\&P Rating | Fair Value |  |  |  |  |  | Collateral |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Receivable Unrealized Gain |  | Payable (Unrealized Loss) |  | Total Fair Value |  | Posted |  | Received |  |
| Bank of America | A | \$ | 1,467 | \$ | $(1,431)$ | \$ | (191) | \$ | - | \$ | - |
| Barclay's Capital London | A |  | 1,748 |  | $(2,078)$ |  | 393 |  | 473 |  | $(1,380)$ |
| BNP Paribas Securities Corp | AA- |  | 15 |  | (2) |  | 15 |  | - |  | - |
| Citibank | A |  | 2,515 |  | $(3,126)$ |  | (680) |  | 3,438 |  | (970) |
| CME Central | AA- |  | 2,698 |  | $(2,213)$ |  | 792 |  | - |  | - |
| Credit Suisse | A |  | 1,836 |  | $(1,965)$ |  | (413) |  | 1,030 |  | (520) |
| Deutsche Bank | A + |  | 3,104 |  | $(2,777)$ |  | (40) |  | 500 |  | (750) |
| Goldman | A- |  | 1,084 |  | (464) |  | 301 |  | 9 |  | (790) |
| HSBC Securities Inc. | A+ |  | 175 |  | (127) |  | 189 |  | - |  | (330) |
| JPMorgan Chase Bank | A |  | 2,379 |  | $(2,044)$ |  | $(1,211)$ |  | 940 |  |  |
| Morgan Stanley Capital Services | A- |  | 957 |  | $(1,203)$ |  | 592 |  | 60 |  | (715) |
| Royal Bank Of Scotland | A- |  | 436 |  | (121) |  | 302 |  | 54 |  | $(1,190)$ |
| Societe Generale Paris | A |  | 2 |  | - |  | - |  | - |  | - |
| UBS | A |  | 656 |  | (394) |  | (253) |  | 151 |  | - |
| Grand Total |  | \$ | 19,072 | \$ | $(17,945)$ | \$ | (204) |  | 6,655 | \$ | $(6,645)$ |

(dollars in thousands)

| Credit Default Swaps |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investment Type |  | Reference | Fair Value |  | Notional |  |
| Index | Bought | CDX IG | \$ | 270 | \$ | 264,071 |
| Index | Bought | CDX EM |  | 637 |  | 8,800 |
| Index | Bought | CDX HY |  | (128) |  | 13,976 |
| Index | Bought | CDX ITRAXX |  | (115) |  | 14,800 |
| Total CDS - Index |  |  | \$ | 664 | \$ | 301,647 |
| Single Name | Seller Protection | Various | \$ | $(1,002)$ | \$ | 202,416 |
| Single Name | Buyer Protection | Various |  | 2,197 |  | 61,013 |
| Total CDS - Single Name |  |  | \$ | 1,195 | \$ | 263,429 |

## Interest Rate Risk

The Fund has exposure to interest rate risk due to investments in interest rate and inflation swaps and TBAs.
The required risk disclosures are included in the Interest Rate Risk schedule in Note 5.

The table below summarizes INPRS's Investments that are highly sensitive to interest rate changes:
(dollars in thousands)

## Derivative Instruments Highly Sensitive to Interest Rate Changes

| Derivative Instruments Highly Sensitive to Interest Rate Changes |  |  |  |
| :--- | :--- | :--- | :--- |
| Reference Rate | Fair Value | Notional |  |

TBA Securities:
3.50\%
4.00\%
4.50\%
5.00\%

Interest Rate Swap:
Pay Variable 3M CDOR / Receive Fixed Various 2.0\% to 6.2\%
Pay Fixed Various $1.8375 \%$ to $3.586 \% /$ Receive Variable 3M CDOR
Pay Fixed Various 1.01 \% to $3.06 \%$ / Receive Variable 6M EURIBOR Pay Variable 6M EURIBOR / Receive Fixed Various 1.40\% to $2.82 \%$

Pay Variable 6M GBP-LIBOR / Receive Fixed Various 2.25\% to 3.76\%
Pay Fixed Various 2.25\% to 3.94\% / Receive Variable 6M GBP-LIBOR
Pay Variable MXN-TIIE / Receive Fixed Various 5.50\% to 6.35\%
Pay Fixed Various $1.135 \%$ to $2.75 \%$ / Receive Variable 3M USD-LIBOR
Pay Variable 3M USD-LIBOR / Receive Fixed Various 1.50\% to 2.50\% Pay Variable BZDIOVRA / Receive Fixed Various 10.38\% to $10.58 \%$

Inflation Swap:
Receive Variable CPURNSA / Pay $2.46 \%$
Pay Variable CPURNSA / Receive 1.84\%
Pay Variable CPURANSA / Receive 2.66\%

| $\$$ | $(7,396)$ | $\$$ | 7,000 |
| :--- | ---: | :--- | ---: |
|  | $(2,660)$ |  | 2,500 |
|  | $(38,590)$ |  | 36,000 |
|  | $(21,641)$ |  | 20,000 |
| $\$$ | $(70,287)$ | $\$$ | 65,500 |


| $\$$ | 2,826 | $\$$ | 52,087 |
| :---: | :---: | ---: | ---: |
|  | $(1,041)$ |  | 26,191 |
|  | $(1,912)$ |  | 260,891 |
|  | 1,829 |  | 243,137 |
|  | 132 |  | 18,178 |
|  | $(399)$ |  | 40,842 |
|  | 102 |  | 9,690 |
|  | $(4,945)$ | 308,901 |  |
|  | 1,106 |  | 108,500 |
|  | 198 |  | 5,945 |
| $\$$ | $(2,104)$ | $\$ 1,074,362$ |  |


| \$ | $(6)$ | \$ | 3,100 |
| :--- | ---: | ---: | ---: |
|  | $(98)$ |  | 5,800 |
|  | 153 |  | 4,540 |
| $\$$ | 49 | $\$$ | 13,440 |

## Foreign Currency Risk

The Fund is exposed to foreign currency risk on its foreign currency forward contracts and futures contracts. The required risk disclosures are included in the Foreign Currency Risk schedule in Note 5.

At June 30, 2012, INPRS' investments included the following currency forwards balances:

| (dollars in thousands) |  |  |
| :--- | ---: | :---: |
| Foreign Currency Contract Receivable | \$ | 963,719 |
| Foreign Currency Contract Payable | \$ | $(967,097)$ |

The aggregate realized gain/loss recognized for the period ended June 30, 2012 due to foreign currency transactions was a $\$ 72,998$ thousand realized gain.

## Note 7. Long Term Commitments for Alternative Investments

INPRS enters into long term commitments for funding other investments in private equity and private real estate. These amounts include Euro-currency denominated, Norwegian Krone denominated and British Pound Sterling denominated commitments to limited liability partnerships. The remaining amount of unfunded commitments, converted to U.S. dollars using the closing exchange rate, as of June 30, 2012 is as follows:
(dollars in thousands)

| Currency | Total Unfunded <br> Commitments |  |
| :--- | ---: | ---: |
| Euro Currency Unit | $\$$ | 102,907 |
| Norwegian Krone |  | 19,624 |
| British Pound Sterling | 2,222 |  |
| U.S. Dollar | $\mathbf{1 , 7 6 3 , 8 9 9}$ |  |
|  | $\mathbf{1 , 8 8 8 , 6 5 2}$ |  |

## Note 8. Risk Management

INPRS is exposed to various risks of loss. This includes damage to property owned by INPRS, personal injury or property damage liabilities incurred by an INPRS officer, agent or employee, errors, omissions and theft by employees, certain employee death benefits, and unemployment and worker's compensation costs for INPRS employees.

INPRS records an expenditure for any loss as the liability is incurred or replacement items are purchased. Additionally, INPRS purchases commercial insurance related to property, general liability and employee crime. The INPRS Board of Trustees administers the state of Indiana's risk financing activity for the state employees' death benefits.

## Note 9. Contingent Liabilities

INPRS participates in lawsuits that, in management's opinion, will not have a material effect on the financial statements.

## Note 10. Funded Status and Actuarial Information Defined Benefit Plans

The funded status of each Defined Benefit retirement plan as of June 30, 2012, the most recent actuarial valuation date, is as follows:

| Retirement Plans | Actuarial Value of Plan Assets (a) | Actuarial Accrued Liability (AAL) <br> (b) |  | Unfunded AAL (UAAL) or Funding Surplus) (b) - (a) | Funded Ratio (a) / (b) | Annual Covered Payroll (c) | UAAL or <br> (Funding Surplus) as a Percent of Covered Payroll [(b)-(a)] / (c) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PERF | \$12,088,225 | \$15,784,240 | \$ | 3,696,015 | 76.6\% | \$4,904,052 | 75.4\% |
| TRF 1996 Account | 3,936,455 | 4,338,309 |  | 401,854 | 90.7 | 2,594,952 | 15.5 |
| 1977 Fund | 3,786,595 | 4,122,436 |  | 335,841 | 91.9 | 697,111 | 48.2 |
| JRS ${ }^{1}$ | 260,096 | 437,854 |  | 177,758 | 59.4 | 45,138 | 393.8 |
| E,G,\&C Plan ${ }^{1}$ | 76,007 | 113,283 |  | 37,276 | 67.1 | 25,752 | 144.8 |
| PARF ${ }^{1}$ | 27,501 | 56,080 |  | 28,579 | 49.0 | 21,705 | 131.7 |
| LEDB Plan | 3,377 | 4,503 |  | 1,126 | 75.0 | $\mathrm{N} / \mathrm{A}^{2}$ | N/A ${ }^{2}$ |
| Total INPRS (Excluding TRF Pre-1996 Account) | \$20,178,256 | \$24,856,705 | \$ | 4,678,449 | 81.2\% | \$8,288,710 | 56.4\% |
| TRF Pre-1996 Account | 4,978,107 | 16,522,015 |  | 11,543,908 | 30.1 | 1,637,066 | 705.2 |
| Total INPRS (Including TRF Pre-1996 Account) | \$25,156,363 | \$41,378,720 | \$ | 16,222,357 | 60.8\% | \$9,925,776 | 163.4\% |

## Memo:

| TRF - Total $\$ 8,914,562$ | $\$ 20,860,324$ | $\$$ | $11,945,762$ | $42.7 \%$ | $\$ 4,232,018$ | $282.3 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

[^13]${ }^{2}$ Benefit formula is primarily based on service, rather than compensation.

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts (e.g., salaries, credited service) and assumptions about the probability of occurrence of events far into the future (e.g., mortality, disabilities, retirements, employment terminations). Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future.

The required Schedule of Funding Progress, presented as Required Supplementary Information following the Notes to the Financial Statements, presents multi-year trend information about whether the actuarial value of plan assets are increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

The accompanying Schedule of Contributions from Employers and Other Contributing Entities presents trend information about the amounts contributed to the plan by employers in comparison to the Annual Required Contribution (ARC), an amount that is actuarially determined in accordance with the parameters of GASB Statements 25,27 and 50 . The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover the normal cost for each year and amortize any unfunded actuarial accrued liabilities (or funding excess) over a period not to exceed 30 years.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing benefit costs between the employers and plan members to that point. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations.

Actuarial calculations reflect a long-term perspective. For a newly hired employee, actuarial calculations will take into account the employee's entire career with the employer and also take into consideration the benefits, if any, paid to the employee after termination of employment until the death of the employee and any applicable contingent annuitant. In many cases, actuarial calculations reflect several decades of service with the employer and the payment of benefits after termination.

In addition, the actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations. Key methods and assumptions used in the latest actuarial valuations are presented below:

| Description | PERF | TRF | 1977 Fund | JRS | E,G,\&C Plan | PARF | LEDB Plan |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Date | June 30, 2012 |  |  |  |  |  |  |
| Actuarial Cost Method | Entry Age Normal (Level Percent of Payroll) |  |  |  |  |  | Traditional Unit Credit |
| Amortization Method | Level Dollar |  |  |  |  |  |  |
| Amortization Period | 30 Years, Closed |  |  |  |  |  |  |
| Asset Valuation Method | 4-Year Smoothed Market Value With 20\% Corridor |  |  |  |  |  |  |
| Actuarial Assumptions: |  |  |  |  |  |  |  |
| Investment Rate of Return | 6.75\% |  |  |  |  |  |  |
| Cost of Living Increases | 1.0\% | 1.0\% | 2.25\% | 4.0\% | 1.0\% | N/A | 1.0\% |
| Future Salary Increases | 3.25\%-4.5\% | 3.0\%-12.5\% | 3.25\% | 4.0\% | 3.25\% | 4.0\% | 3.0\% |
| Inflation | 3.0\% |  |  |  |  |  |  |

## Note 11. Subsequent Events

## Legislative Changes

Below is a summary of significant legislative changes that are effective July 1, 2012.

## Public Employees' Retirement Fund

- PERF members, beneficiaries, and survivors received a one-time check, based on years of service, in September 2012. The amount of the one-time check ranged from $\$ 150$ to $\$ 450$, depending upon a member's years of service, and was for a member who retired or was disabled on or before December 1, 2011, and who was entitled to receive a monthly benefit on July 1, 2012.


## Teachers' Retirement Fund

■ TRF members, beneficiaries, and survivors received a one-time check, based on years of service, in September 2012. The amount of the one-time check ranged from $\$ 150$ to $\$ 450$, depending upon a member's years of service, and was for a member who retired or was disabled on or before December 1, 2011, and who was entitled to receive a monthly benefit on July 1, 2012.

- In accordance with legislation (House Enrolled Act No. 1376) passed during March 2012, the State of Indiana appropriated \$206.8 million to the TRF Pension Stabilization Fund in November 2012.


## 1977 Police Officers' and Firefighters' Pension and Disability Fund

- A 2.8 percent COLA was paid to eligible participants effective July 1, 2012, in accordance with IC 36-8-8-15.


## Judges' Retirement System

- A 2.2 percent COLA was paid effective July 1, 2012, to eligible participants.
- In accordance with legislation (House Enrolled Act No. 1376) passed during March 2012, the State of Indiana appropriated \$90.2 million to the Judges' Retirement System in November 2012.


## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

■ E,G,\&C Plan members, beneficiaries, and survivors received a one-time check, based on years of service, in September 2012. The amount of the one-time check ranged from $\$ 125$ to $\$ 400$, depending upon a member's years of service, and was for a member who retired or was disabled on or before December 1, 2011, and who was entitled to receive a monthly benefit on July 1, 2012.

- In accordance with legislation (House Enrolled Act No. 1376) passed during March 2012, the State of Indiana appropriated \$14.6 million to the E,G,\&C Plan in November 2012.


## Prosecuting Attorneys' Retirement Fund

In accordance with legislation (House Enrolled Act No. 1376) passed during March 2012, the State of Indiana appropriated \$17.4 million to PARF in November 2012.

## Note 12. Required Supplementary Information and Other Supplementary Schedules

The historical trend information designed to provide information about INPRS' progress in accumulating sufficient assets to pay benefits when due is included as Required Supplementary Information. The Schedule of Funding Progress and Schedule of Contributions from Employers and Other Contributing Entities are included immediately following the Notes to the Financial Statements. Other Supplementary Schedules (i.e., Schedule of Administrative and Project Expenses; Schedule of Investment Expenses; Schedule of Contractual and Professional Services Expenses) are presented for the purpose of additional analysis and are not a required part of the Financial Statements.

Required Supplementary Information:

## Schedule of Funding Progress

(dollars in thousands)

| Actuarial Valuation Date | Actuarial Value of Plan Assets <br> (a) | Actuarial Accrued Liability <br> (AAL) <br> (b) | Unfunded AAL <br> (UAAL) or (Funding Surplus) (b) - (a) | Funded Ratio <br> (a) / (b) | Annual Covered Payroll (c) | UAAL or (Funding Surplus) as Percent of Covered Payroll [(b)-(a)] / (c) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## Public Employees' Retirement Fund

|  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 07$ | $\$$ | $12,220,934$ | $\$$ | $12,439,798$ | $\$$ | 218,864 | $98.2 \%$ | $\$$ | $4,385,676$ |
| $6 / 30 / 08$ |  | $12,780,116$ | $13,103,221$ | 323,105 | 97.5 | $4,600,354$ |  |  |  |
| $6 / 30 / 09$ |  | $12,569,336$ | $13,506,280$ | 936,944 | 93.1 | $4,931,423$ |  |  |  |
| $6 / 30 / 10$ | $12,357,199$ | $14,506,052$ | $2,148,853$ | 85.2 | $4,896,013$ |  |  |  |  |
| $6 / 30 / 11$ | $12,000,586$ | $14,913,147$ | $2,912,561$ | 80.5 | $4,818,774$ |  |  |  |  |
| $6 / 30 / 12$ | $12,088,225$ | $15,784,240$ | $3,696,015$ | 76.6 | $4,904,052$ |  |  |  |  |

## Teachers' Retirement Fund - Prefig96 Actount ${ }^{1}$

| 6/30/07 | \$ | 5,763,508 | \$ | 15,988,259 | \$ | 10,224,751 | 36.0\% | \$ | 2,376,390 | 430.3\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6/30/08 |  | 5,953,991 |  | 15,792,305 |  | 9,838,314 | 37.7 |  | 2,295,816 | 428.5 |
| 6/30/09 |  | 5,109,086 |  | 16,027,093 |  | 10,918,007 | 31.9 |  | 2,030,484 | 537.7 |
| 6/30/10 |  | 5,382,410 |  | 16,282,066 |  | 10,899,656 | 33.1 |  | 1,865,102 | 584.4 |
| 6/30/11 |  | 5,227,402 |  | 16,318,404 |  | 11,091,002 | 32.0 |  | 1,762,750 | 629.2 |
| 6/30/12 |  | 4,978,107 |  | 16,522,015 |  | 11,543,908 | 30.1 |  | 1,637,066 | 705.2 |

## Teachers' Retirement Fund - 1996 Actount

| $6 / 30 / 07$ | $\$$ | $2,713,051$ | $\$$ | $2,827,554$ | $\$$ | 114,503 | $96.0 \%$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 08$ | $3,080,057$ | $2,957,758$ | $(122,299)$ | 104.1 | $2,891,605$ | $6.1 \%$ |  |
| $6 / 30 / 09$ | $2,920,735$ | $3,135,533$ | 214,798 | 93.1 | $2,308,548$ | $(6.0)$ |  |
| $6 / 30 / 10$ | $3,422,554$ | $3,614,559$ | 192,005 | 94.7 | $2,447,509$ | 9.3 |  |
| $6 / 30 / 11$ | $3,664,657$ | $3,996,839$ | 332,182 | 91.7 | $2,507,193$ | 7.8 |  |
| $6 / 30 / 12$ | $3,936,455$ | $4,338,309$ | 401,854 | 90.7 | $2,594,952$ | 13.2 |  |
|  |  |  |  |  |  |  | 15.5 |


| Teachers' Retirement Fund - Total ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6/30/07 | \$ | 8,476,559 | \$ | 18,815,813 | \$ | 10,339,254 | 45.1\% | \$ | 4,267,995 | 242.3\% |
| 6/30/08 |  | 9,034,048 |  | 18,750,063 |  | 9,716,015 | 48.2 |  | 4,348,536 | 223.4 |
| 6/30/09 |  | 8,029,821 |  | 19,162,626 |  | 11,132,805 | 41.9 |  | 4,339,032 | 256.6 |
| 6/30/10 |  | 8,804,964 |  | 19,896,625 |  | 11,091,661 | 44.3 |  | 4,312,611 | 257.2 |
| 6/30/11 |  | 8,892,059 |  | 20,315,243 |  | 11,423,184 | 43.8 |  | 4,269,943 | 267.5 |
| 6/30/12 |  | 8,914,562 |  | 20,860,324 |  | 11,945,762 | 42.7 |  | 4,232,018 | 282.3 |

1977 Police Officers' and Firefighters' Pension and Disability Fund

| $12 / 31 / 06$ | $\$$ | $2,860,512$ | $\$$ | $2,649,525$ | $\$$ | $(210,987)$ | $108.0 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $12 / 31 / 07$ | $3,281,480$ | $2,889,295$ | $(392,185)$ | 113.6 | 557,644 | 603,963 | $(37.8) \%$ |
| $12 / 31 / 08$ | $3,352,705$ | $3,150,827$ | $(201,878)$ | 106.4 | 644,936 | $(64.9)$ |  |
| $6 / 30 / 09$ | $3,265,598$ | $3,332,686$ | 67,088 | 98.0 | 649,018 | $(31.3)$ |  |
| $6 / 30 / 10$ | $3,374,438$ | $3,639,669$ | 265,231 | 92.7 | 675,797 | 10.3 |  |
| $6 / 30 / 11$ | $3,593,787$ | $3,638,956$ | 45,169 | 98.8 | 687,342 | 39.2 |  |
| $6 / 30 / 12$ | $3,786,595$ | $4,122,436$ | 335,841 | 91.9 | 697,111 | 6.6 |  |
|  |  |  |  |  |  | 48.2 |  |

## Schedule of Funding Progress, continued

(dollars in thousands)

| Actuarial Valuation Date |  | Actuarial Value of Plan Assets (a) |  | Actuarial ccrued Liability (AAL) <br> (b) |  | Unfunded AAL (UAAL) or Funding Surplus) <br> (b) - (a) | Funded Ratio <br> (a) / (b) |  | nnual Covered Payroll (c) | UAAL or (Funding Surplus) as Percent of Covered Payroll [(b)-(a)] / (c) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Judges' Retirement System ${ }^{\mathbf{1}}$ |  |  |  |  |  |  |  |  |  |  |
| 6/30/07 | \$ | 211,747 | \$ | 283,995 | \$ | 72,248 | 74.6\% | \$ | 29,712 | 243.2\% |
| 6/30/08 |  | 234,881 |  | 338,749 |  | 103,868 | 69.3 |  | 33,729 | 307.9 |
| 6/30/09 |  | 240,954 |  | 330,551 |  | 89,597 | 72.9 |  | 36,196 | 247.5 |
| 6/30/10 |  | 242,143 |  | 364,123 |  | 121,980 | 66.5 |  | 36,722 | 332.2 |
| 6/30/11 |  | 248,623 |  | 400,274 |  | 151,651 | 62.1 |  | 45,764 | 331.4 |
| 6/30/12 |  | 260,096 |  | 437,854 |  | 177,758 | 59.4 |  | 45,138 | 393.8 |

## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan ${ }^{1}$

| $96.2 \%$ |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 07$ | $\$$ | 57,414 | $\$$ | 74,451 | $\$$ | 17,037 | $77.1 \%$ | $\$$ |
| $6 / 30 / 08$ | 65,375 | 77,177 | 11,802 | 84.7 | 17,715 | 21,333 | 85.3 |  |
| $6 / 30 / 09$ | 68,170 | 89,296 | 21,126 | 76.3 | 25,238 | 83.7 |  |  |
| $6 / 30 / 10$ | 70,327 | 97,862 | 27,535 | 71.9 | 26,709 | 103.1 |  |  |
| $6 / 30 / 11$ | 72,599 | 101,534 | 28,935 | 71.5 | 24,028 | 120.4 |  |  |
| $6 / 30 / 12$ | 76,007 | 113,283 | 37,276 | 67.1 | 25,752 | 144.8 |  |  |

## Prosecuting Attorneys' Retirement Fund ${ }^{1}$

| 6/30/07 | \$ | 23,815 | \$ | 32,052 | \$ | 8,237 | 74.3\% | \$ | 18,092 | 45.5\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6/30/08 |  | 26,350 |  | 38,069 |  | 11,719 | 69.2 |  | 20,617 | 56.8 |
| 6/30/09 |  | 26,467 |  | 44,632 |  | 18,165 | 59.3 |  | 20,782 | 87.4 |
| 6/30/10 |  | 26,166 |  | 49,174 |  | 23,008 | 53.2 |  | 21,016 | 109.5 |
| 6/30/11 |  | 25,651 |  | 53,252 |  | 27,601 | 48.2 |  | 18,082 | 152.6 |
| 6/30/12 |  | 27,501 |  | 56,080 |  | 28,579 | 49.0 |  | 21,705 | 131.7 |

## Legislators' Retirement System - Defined Benefit Plan

| 6/30/07 | \$ | 5,035 | \$ | 5,169 | \$ | 134 | 97.4\% | N/ $A^{2}$ | N/A ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6/30/08 |  | 5,120 |  | 5,039 |  | (81) | 101.6 | $N / A^{2}$ | $N / A^{2}$ |
| 6/30/09 |  | 4,730 |  | 5,087 |  | 357 | 93.0 | $N / A^{2}$ | $N / A^{2}$ |
| 6/30/10 |  | 4,075 |  | 4,909 |  | 834 | 83.0 | $N / A^{2}$ | $N / A^{2}$ |
| 6/30/11 |  | 3,634 |  | 4,621 |  | 987 | 78.6 | $N / A^{2}$ | $\mathrm{N} / \mathrm{A}^{2}$ |
| 6/30/12 |  | 3,377 |  | 4,503 |  | 1,126 | 75.0 | $N / A^{2}$ | $N / A^{2}$ |

[^14]Refer to Note 10. (Funded Status and Actuarial Information - Defined Benefit Plans) for the actuarial assumptions and methods used in preparing this schedule.

# FINANCIALSECTION <br> Required Supplementary Information: 

## Schedule of Contributions from Employers <br> and Other Contributing Entities

(dollars in thousands)

Public Employees' Retirement Fund

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $6 / 30 / 07$ | $\$$ | 275,171 | $\$$ | 260,150 |

Teachers' Retirement Fund 1996 Account

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $6 / 30 / 07$ | $\$$ | 139,978 | $\$$ | 117,001 |

1977 Police Officers' and Firefighters' Pension and Disability Fund

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $12 / 31 / 06$ | $\$$ | 102,964 | $\$$ | 143,272 |
| $12 / 31 / 07$ | 108,741 | 122,712 | $112.1 \%$ |  |
| $12 / 31 / 08$ | 117,773 | 133,196 | 112.6 |  |
| $6 / 30 / 09$ | 62,881 | 64,285 | 102.2 |  |
| $6 / 30 / 10$ | 126,558 | 130,775 | 103.3 |  |
| $6 / 30 / 11$ | 133,903 | 133,726 | 99.9 |  |
| $6 / 30 / 12$ | 141,988 | 135,605 | 95.5 |  |

State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $6 / 30 / 07$ | $\$$ | 3,128 | $\$$ | 3,359 |
| $6 / 30 / 08$ | 3,676 | 4,854 | $107.4 \%$ |  |
| $6 / 30 / 09$ | 4,427 | 5,294 | 132.0 |  |
| $6 / 30 / 10$ | 5,237 | 5,256 | 119.6 |  |
| $6 / 30 / 11$ | 5,179 | 5,197 | 100.4 |  |
| $6 / 30 / 12$ | 5,532 | 5,054 | 91.4 |  |

Teachers' Retirement Fund Pre-1996 Account

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $6 / 30 / 07$ | $\$$ | 602,904 | $\$$ | 636,039 |

Teachers' Retirement Fund - Total

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $6 / 30 / 07$ | $\$$ | 742,882 | $\$$ | 753,040 |
| $6 / 30 / 08$ | 800,059 | 808,128 | $101.4 \%$ |  |
| $6 / 30 / 09$ | 819,638 | 853,791 | 101.0 |  |
| $6 / 30 / 10$ | 952,120 | 885,640 | 93.0 |  |
| $6 / 30 / 11$ | $1,048,649$ | 915,611 | 87.3 |  |
| $6 / 30 / 12$ | $1,039,858$ | 945,490 | 90.9 |  |

Judges' Retirement System

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $6 / 30 / 07$ | $\$$ | 12,249 | $\$$ | 14,662 |

Prosecuting Attorneys' Retirement Fund

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 07$ | $\$$ | 1,044 | $\$$ | 190 |
| $6 / 30 / 08$ | 1,040 | 170 | $18.2 \%$ |  |
| $6 / 30 / 09$ | 1,340 | 170 | 12.3 |  |
| $6 / 30 / 10$ | 1,663 | 170 | 10.2 |  |
| $6 / 30 / 11$ | 1,960 | 170 | 8.7 |  |
| $6 / 30 / 12$ | 2,037 | 1,839 | 90.3 |  |

Legislators' Retirement System Defined Benefit Plan

| Fiscal Year <br> Ended | Annual Required <br> Contribution | Annual Employer <br> Contribution | Percentage <br> Contributed |  |
| :---: | ---: | ---: | ---: | :---: |
| $6 / 30 / 07$ | $\$$ | 120 | $\$$ | 100 |
| $6 / 30 / 08$ | 66 | 100 | $83.3 \%$ |  |
| $6 / 30 / 09$ | 45 | 100 | 222.2 |  |
| $6 / 30 / 10$ | 63 | 0 | 0.0 |  |
| $6 / 30 / 11$ | 113 | 0 | 0.0 |  |
| $6 / 30 / 12$ | 113 | 112 | 99.1 |  |

## Schedule of Administrative and Project Expenses Fiscal Year Ended June 30

(dollars in thousands)

| 2012 |  | 2011 |  |
| :---: | :---: | :---: | :---: |
| \$ | 9,113 | \$ | 8,581 |
|  | 6,898 |  | 7,379 |
|  | 3,828 |  | 3,716 |
|  | 19,839 |  | 19,676 |
|  | 3,586 |  | 3,984 |
|  | 2,445 |  | 2,227 |
|  | 889 |  | 819 |
|  | 183 |  | 187 |
|  | 7,103 |  | 7,217 |
|  | 1,004 |  | 869 |
|  | 763 |  | 921 |
|  | 133 |  | 151 |
|  | 1,900 |  | 1,941 |
|  | 1,375 |  | 1,216 |
|  | 974 |  | 1,222 |
|  | 109 |  | 81 |
|  | 87 |  | 113 |
|  | 51 |  | 100 |
|  | 51 |  | 258 |
|  | 2,647 |  | 2,990 |
| \$ | 31,489 | \$ | 31,824 |
| \$ | 9,359 | \$ | 4,094 |
| \$ | 40,848 | \$ | 35,918 |

## Schedule of Contractual and Professional Services Expenses Fiscal Year Ended June 30

(dollars in thousands)

| Vendor Name | 2012 |  | 2011 |  | Nature of Services |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Affiliated Computer Services, Inc. / Xerox | \$ | 2,506 | \$ | 2,227 | Recordkeeper Services |
| Oracle America, Inc. |  | 887 |  | 871 | Licenses and Training |
| Indiana Office of Technology |  | 877 |  | 917 | IT Network Support and Services |
| PricewaterhouseCoopers LLP |  | 721 |  | 697 | Actuarial Services |
| BlueLock LLC |  | 540 |  | 508 | Infrastructure Support |
| Protiviti Inc. |  | 212 |  | - | Enterprise Risk Management |
| Dell Marketing LP |  | 180 |  | 29 | Hardware / Software / Support |
| Ernst \& Young LLP |  | 172 |  | 344 | Accounting \& Process Documentation / Internal Audit |
| Nyhart, Inc. |  | 167 |  | 88 | Actuarial and Legislative Services |
| Auditor Of State - Oracle |  | 135 |  | 79 | Software Licenses |
| IBM Corporation |  | 121 |  | 118 | Software Licenses |
| Ice Miller LLP |  | 116 |  | 112 | Legal Services |
| AlRvan Consulting LLC |  | 67 |  | 51 | Market Research Services |
| Omkar Markand, M.D. |  | 50 |  | 43 | Medical Consulting - 1977 Fund |
| Gartner, Inc. |  | 44 |  | 43 | IT Research |
| Indiana State Board of Accounts |  | 44 |  | 46 | Audit Services |
| Information Builders |  | 41 |  | 40 | WebFocus Consulting / Maintenance |
| McLagan |  | 40 |  | - | Human Resource Management Services |
| CEM Benchmarking, Inc. |  | 35 |  | 70 | Benchmarking Services |
| LexisNexis |  | 27 |  | - | Address Search Services |
| Automatic Data Processing, Inc. |  | 24 |  | - | Payroll Processing Services |
| Krieg DeVault LLP |  | 24 |  | - | Legal Services |
| Policy Technologies International, Inc. |  | 22 |  | 56 | Software Services |
| DLT Solutions |  | 21 |  | 36 | Software Licenses |
| Novatus, Inc. |  | 21 |  | 17 | Contract Management Software License |
| ERP Control Specialists, LLC |  | 20 |  | 29 | Internal Audit Software |
| Stephenson Morow \& Semler |  | 11 |  | 26 | Legal Services |
| Callan Associates, Inc. |  | - |  | 56 | Global Custody Consulting |
| Cortex Applied Research, Inc. |  | - |  | 14 | Research Services |
| Mariani Law LLC |  | - |  | 62 | Legal Services |
| McCready and Keene, Inc. |  | - |  | 33 | Actuarial Services |
| Robert Half International, Inc. |  | - |  | 16 | IT Supplemental Staffing |
| Serena Software, Inc. |  | - |  | 114 | Project Tracking Software Licenses |
| Strategic Financial Solutions LLC |  | - |  | 59 | Software Licenses |
| Vinzant Software Inc. |  | - |  | 12 | Software Licenses |
| KPMG LLP |  | (88) |  | 304 | Strategic Assessment and IT Consulting |
| Other Contractual and Professional Services |  | 66 |  | 100 | Other Services |
| Total Contractual and Professional Services Expenses | \$ | 7,103 | \$ | 7,217 |  |

Fees paid to investment professionals can be found in the Investment Section.

## Schedule of Investment Expenses <br> Fiscal Year Ended June 30

(dollars in thousands)

| 2012 |  | 2011 |  |
| :---: | :---: | :---: | :---: |
| \$ | 1,071 | \$ | 1,290 |
|  | 525 |  | 825 |
|  | 339 |  | 275 |
|  | 268 |  | - |
|  | 128 |  | 88 |
|  | 93 |  | 94 |
|  | 42 |  | - |
|  | 22 |  | 11 |
|  | 10 |  | 114 |
|  | - |  | 50 |
|  | - |  | 24 |
|  | 2,498 |  | 2,771 |
|  | 439 |  | - |
|  | 98 |  | 599 |
|  | (5) |  | 330 |
|  | 532 |  | 929 |
|  | 6,098 |  | 6,932 |
|  | 106,484 |  | 123,670 |
|  | 1,322 |  | 1,392 |
|  | 840 |  | 1,727 |
| \$ | 117,774 | \$ | 137,421 |




INDIANA PUBLIC RETIREMENT SYSTEM 2012 COMPREHENSIVE ANNUAL FINANCIAL REPORT For the Fiscal Year Ended June 30, 2012

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Report on Investment Activities

# Strategic Investuent Solutions, Inc. 

## 333 Bush Street. Ste. 2000

San Francisco, California 94104
Tel 415/362-3484 ■ FAX 415/362-2752

August 21, 2012

Board of Trustees
Indiana Public Retirement System
One North Capital Avenue
Indianapolis, IN 46204

Dear Trustees:

Strategic Investment Solutions is pleased to present the Indiana Public Retirement System ("INPRS") results for the fiscal year ended June 30, 2012.

As of June 30, 2012, the Consolidated Defined Benefit Fund had combined assets of $\$ 19.7$ billion, a decrease of $\$ 2.1$ billion since June 30, 2011. The decrease in assets was due to net cash outflows, specifically the removal of the PERF Guaranteed Fund assets, during the fiscal year rather than investment losses. The Consolidated Defined Benefit Fund's flat investment returns were benefited by strong results from fixed income, real estate, and private equity, offset by weak returns from public equities, particularly foreign equities, and commodities.

## 2012 Market Environment

The market environment during the 2012 fiscal year was driven by macro factors, both on the upside and downside. The first half of the fiscal year saw a return of optimism as investors believed the Euro crisis would be resolved through coordinated government intervention and economic growth started to pick up, particularly in the US. In the latter half of the year optimism soon turned to gloom as the sovereign debt crisis in the small peripheral markets of Greece and Portugal spread to the much larger markets of Spain and Italy, posing a bigger threat to the European economy and the future of European currency union.

Debt markets followed this "risk-on/risk-off" pattern as well; US Government bonds and other sovereign debt issued by "safe" countries such as Germany, Denmark, and Switzerland continued to rally, particularly in the second half of the year, with the two-year US Treasury yield falling to less than 30 basis points. For the three countries listed above, twoyear yields went negative, meaning lenders were paying borrowers interest in exchange for greater confidence that their principal would be returned at maturity.

## Asset Class Results

Overall, global equity markets suffered during the fiscal year, particularly during the second half, though the US held up relatively well. Domestic large cap stocks, represented by the Russell 1000 Index, led with a $4.4 \%$ gain, as high quality
stocks with stable and growing earnings and dividends were preferred by investors. This gain outpaced the Russell 2000 Index of small cap stocks, which had a return of $-2.1 \%$. Growth stocks outperformed value stocks, $5.1 \%$ to $2.6 \%$.

Within sectors, defensive sectors with high average dividend yields led the way, including Consumer Staples (13.5\%), Telecommunication Services (13.1\%) and Utilities (13.0\%). Conversely, cyclical sectors lagged, including Energy (-9.5\%) and Materials (-7.3\%).

Internationally, both developed and emerging markets had a downturn as weak economic growth and concerns about sovereign risk weighed on risky assets. The MSCI EAFE Index, representing developed markets, lost $13.4 \%$ of its value while the MSCI Emerging Markets Index lost $15.7 \%$, as local market weakness was exacerbated by the depreciating Euro and British Pound relative to the US Dollar and Japanese Yen.

Over the course of the year, interest rates moved lower, particularly during the second half. As a result, broad bond market indices posted gains, with the Barclays Capital Aggregate Index up 7.5\% and the BC Government/Credit Index up $8.8 \%$. High yield bonds surged during the first half of the year along with other risky assets, but gave up some ground during the second half; overall, the BC High Yield Index was up 7.3\% during the year. In foreign bond markets, the benefit from lower rates was offset by weaker currencies and wider credit spreads, with the Citigroup Non-US WGBI up a modest $0.4 \%$.

Real estate continued its rebound from the lows of 2009-10, with the NCREIF Property Index, representing private real estate, up 12.0 \% during the year and the NAREIT Equity REIT Index, representing public real estate securities, up 12.9\%.

Private equity posted strong results during the year $(+12.0 \%$ for Consolidated Defined Benefit Fund private equity holdings) but this result does not incorporate valuations from much of the second half of the year, which are likely to be lower.

Hedge funds, which many expected to benefit from the volatile market environment, posted disappointing results, with the HFRI Fund of Funds Composite Index down 4.5\% during the year.

## Consolidated Defined Benefit Fund's Performance

Consolidated Defined Benefit Fund assets returned 0.7\% during the year (net of fees), under-performing the 1.4\% gain of the Total Fund benchmark. Positive contributors to performance included global diversified fixed income ( $+6.7 \%$ ), global inflation-linked bonds ( $+11.1 \%$ ), real estate ( $+9.0 \%$ ), and private equity ( $+12.0 \%$ ). Global public equity ( $-6.1 \%$ ) and commodities $(-11.7 \%)$ lost ground, though both exceeded their respective benchmark returns.

## Strategic Contribution

Mid-way through the fiscal year, the INPRS Board approved new asset allocation targets as part of an Asset-Liability Modeling study conducted during the fall of 2011. As part of this study, several substantive changes were made to the INPRS investment strategy, with the primary goals of achieving a long term rate of return of 7\% (note: INPRS's Board approved a long term rate of return of $6.75 \%$ effective for FY13) while improving the risk diversification of the fund. Those changes include:

- Reduce reliance on public equities to drive returns
- 16.4 \% reduction in Global Public Equity

Report on Investment Activities, continued

- Increase exposure to inflation-sensitive assets as a hedge and diversifier
- $4.3 \%$ increase in Commodities, with TIPS for collateral
- $3.1 \%$ increase in Real Estate
- Improve risk diversification and downside protection
- $3.2 \%$ increase in Absolute Return
- Introduction of new 10\% Risk Parity allocation

Although the Consolidated Defined Benefit Fund underperformed its benchmark during the fiscal year, this was during a transition period. The asset allocation changes will take several months to implement. Two Risk Parity managers were funded March 2012 with 1-2 additional managers expected in $F Y^{\prime} 13$. We will seek to fund a small number of differentiated strategies to gain Risk Parity exposure. We believe this program will diversify the Consolidated Defined Benefit Fund's sources of risk and will allow the Fund to perform well in a variety of economic and market environments.

## Manager Contribution

Overall, the Consolidated Defined Benefit Fund's investment managers had mixed relative results during the year.
Bright spots for excess returns included: Private Equity (12.0\% vs. $6.8 \%$ ); Global Inflation-Linked Bonds (11.1\% vs. 8.9\%); and Absolute Return ( $-2.5 \%$ vs. $-4.5 \%$ ). Conversely, weak relative results in Domestic Equity ( $3.3 \%$ vs. $3.8 \%$ ), in particular Large Cap and Micro Cap; Core Opportunistic Fixed Income (5.8\% vs. 7.4\%); and Real Estate (9.0\% vs. 13.6\%).

## Observations

SIS believes the asset allocation changes made by INPRS during the fiscal year will benefit the Consolidated Defined Benefit Fund over the long term, with broader diversification by asset classes and risk factors and a greater emphasis on downside protection and inflation hedging, while still maintaining exposure to markets that should perform well during a pick-up in global economic growth. We look forward to our involvement in the implementation of these changes through our continued partnership with INPRS.

Best regards,


Pete Keliuotis, CFA
Managing Director

Report from the Chief Investment Officer

Anew era began in Fiscal Year 2012 (FY12) for the Indiana Public Retirement System's (INPRS) investment portfolio as it did for the entire organization. It was a year of transition, from two entities (PERF and TRF) into one entity (INPRS). The investment staff spent much of FY12 consolidating, merging and capturing fee savings, as well as implementing best practices taken from both PERF and TRF.

## Year in Review

The foundation for prudent investment management of the Fund is the investment policy governing such practices. As such, a new investment policy statement was developed which incorporated the best practices from PERF, TRF, and other peers. Other notable activities that occurred during the year include the consolidated role of the master custodian of the Fund, from two to one; as well as the consolidation of investment managers and mandates where appropriate. Although there is still work to do, savings thus far, relative to the merger into INPRS, has amounted to almost $\$ 300$ million in net present value.

Along with the above accomplishments, INPRS' investments department documented the following three long term goals that are vital for the continued health of the Fund:

Achieve the long term rate of return assumption. During FY12, the long term rate of return assumption, set by the INPRS Board, was 7 percent (effective FY13 the long term rate of return, set by INPRS Board, is 6.75 percent). In order for INPRS' Funds to maintain a healthy funded status, it is imperative to achieve this rate of return over a long term period.

Accomplish the first goal as effectively and efficiently as possible. Recognizing that not only is it important to return 7 percent or the long term rate of return, annually; but as fiduciaries, just as important, is the need to accomplish this by focusing on return per unit of risk, diversification, and cost efficiency.

Have sufficient liquidity on hand to pay beneficiaries. INPRS is fortunate to have a highly liquid portfolio. The current liquidity profile is more than sufficient to match the beneficiary payment requirements of the Fund.

Another strong focus for the newly branded organization has been risk management. The investment department implemented a new risk system in FY12 to assist in risk identification, risk monitoring, and risk management of the portfolio. The risk system and risk culture being developed assisted in guiding the new asset allocation that was approved by the INPRS Board in October, 2011.

| Global Asset Classes | Target Allocation | Target Range |
| :--- | :---: | :---: |
| Public Equity | $22.5 \%$ | $20.0 \%$ to $25.0 \%$ |
| Private Equity | $10.0 \%$ | $7.0 \%$ to $13.0 \%$ |
| Fixed Income - Ex Inflation-Linked | $22.0 \%$ | $19.0 \%$ to $25.0 \%$ |
| Fixed Income - Inflation-Linked | $10.0 \%$ | $7.0 \%$ to $13.0 \%$ |
| Commodities | $8.0 \%$ | $6.0 \%$ to $10.0 \%$ |
| Real Estate | $7.5 \%$ | $4.0 \%$ to $11.0 \%$ |
| Absolute Return | $10.0 \%$ | $6.0 \%$ to $14.0 \%$ |
| Risk Parity | $10.0 \%$ | $5.0 \%$ to $15.0 \%$ |

Report from the Chief Investment Officer, continued

INPRS assesses not only the dollar weight but more importantly, the risk weight. Equities (both public and private), as highly volatile asset classes, contributes much more risk for each dollar added than does fixed income. Diversification has always been a basic tenet of investing but given the uncertain economic times we currently face, it is prudent not to rely so heavily on economic environments in which equities perform best - high growth and low inflation, for achieving the long term rate of return. The new asset allocation is better balanced and positions the Fund to perform in diverse economic conditions.

The addition of Risk Parity is new to INPRS. Risk Parity, as its name suggests, is a strategy diversified by risk as opposed to a dollar percentage allocation. Risk Parity has been added to the strategic asset allocation, of the Fund, to assist in weathering many economic environments; and is comprised mostly of nominal bonds, TIPS (Treasury Inflation Protected Securities), commodities and equities. The nominal bonds will perform best in times of lower than expected growth and inflation. The TIPS will perform best in higher than expected times of inflation (as will commodities) and the equities will perform in higher than expected growth and lower than expected inflationary environments.

## Performance

During FY12, markets experienced a high level of volatility. The U.S. downgrade, European Union viability concerns, as well as a fear of a global slowdown created volatility without much return to show for it. Despite significant market volatility, INPRS' one year return was +0.68 percent. While the return is slightly positive, it is well below the 7 percent long term rate of return assumption. It is expected that the asset allocation changes will present a higher probability of achieving the long term rate of return with less volatility in the future.

Negative contributors to performance included: Absolute Return -2.54 percent, Global Public Equity -6.13 percent, Commodities -11.71 percent.

Assets classes that were positively accretive to returns included: Global Private Equity +11.99 percent, Fixed Income - Inflation-Linked +11.07 percent, real estate +8.97 percent, Fixed Income - Ex Inflation-Linked +6.67 percent, Risk Parity +0.99 percent (note: Risk Parity was implemented in March, 2012).

In conclusion, the new era of INPRS began with significant changes that should position the portfolio to be better balanced, more efficient and effective to significantly increase the probability of achieving the goals of the Fund in the future.

Sincerely,


David C. Cooper
Chief Investment Officer

T
he Indiana Public Retirement System (INPRS) Board of Trustees (Board) serves as the ultimate fiduciary of INPRS. Indiana Code, Article 5-10.5 provides that a nine-member Board of Trustees will oversee INPRS. The nine (9) trustees shall be appointed by the Governor, four (4) of whom must be members of INPRS. The INPRS Board of Trustees appoints the executive director.

The Board establishes investment policies; however, Indiana law establishes guidelines on the investment of the System's assets. At all times, INPRS must invest its assets in accordance with the "Prudent Investor" standard. Under this standard, investment decisions are based upon the same degree of care that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a similar character with similar aims.

The primary objective of the Board's Investment Policy Statement (IPS) is to maintain adequate funding for each retirement fund and pension system in order to provide for the payment of such fund's actuarially-determined liabilities over time in a cost-effective manner. The purpose of the IPS is to support this general objective by:

- Setting forth the investment policies which the Board judges to be appropriate and prudent, in consideration of the needs and legal requirements applicable to direct investment of the assets;
- Making a clear distinction between the roles and responsibilities of the Board, Staff, and each Service Provider;
- Establishing formalized criteria to measure, monitor and evaluate the performance results of the Investment Managers;
- Communicating the investment policies, objectives, guidelines, and performance criteria of the Board to the Staff, Investment Managers, Consultants, Service Providers, employers, members and all other interested parties; and
- Serving as a review document to guide the ongoing oversight of the investments by the System and demonstrating that the Board is fulfilling its fiduciary responsibilities in the administration and management of each retirement fund's assets solely in the interests of such retirement fund's members and beneficiaries.

The Board intends for the IPS to be a dynamic document, and, as such, expects to conduct periodic reviews utilizing input from INPRS Staff, Consultants and other knowledgeable parties. The Board anticipates approving changes from time to time to reflect changes in any or all of: economic and market conditions, investment opportunities, the system's investment strategy, benefit provisions, and the INPRS' governance.

The Board recognizes that asset allocation is the most important determinant of long-term investment results. The procedure for determining the allocation will consider the relevant characteristics of the liabilities and the potential assets of the fund. An asset liability study will be conducted no less than every three (3) years and will analyze the expected returns of various asset classes, projected liabilities, risks associated with alternative asset mix strategies and their effect on the projected market value of assets, funded status, and contributions to the fund.

The investment portfolio includes long-term commitments to the following asset classes: Public Equity, Private Equity, Fixed Income - Ex. Inflation-Linked, Fixed Income - Inflation-Linked, Commodities, Real Estate, Absolute Return, and Risk Parity.

The Board employs investment managers to implement the asset allocation through a selective and thorough search process that embodies the principles of procedural due diligence. It is the intent of the Board to encourage the participation of all qualified organizations in this process. The Board encourages investment managers to develop long-term investment strategies consistent with the guidelines outlined in the IPS, as well as governing Indiana statutes. Additionally, investment managers will adhere to and comply with the CFA Institute Global Investment Performance Standards in calculating and reporting investment performance. Performance of each manager is measured against the rate of return associated with appropriate market index benchmarks and an appropriate universe or style peer group of investment managers.

The Annuity Savings Account (ASA) is an account established for each member of the Public Employees' Retirement Fund and the Teachers' Retirement Fund. A member's account is credited with the legislated 3 percent mandatory contribution (either paid by the member or "picked-up" by the employer). The member has investment direction to several alternative funds or may direct contributions to the Guaranteed Fund. The ASA produces an additional separate benefit from the fixed-formula employer-funded pension benefit to the member. The ASA investment options currently include (click on each fund to be directed to the fund fact sheet for the fund option or access on the INPRS Web site at http://www.in.gov/inprs/fundfactsheets.htm):

- Large Cap Equity Index Fund;
- Small/Mid Cap Equity Fund;

■ International Equity Fund;

- Fixed Income Fund;
- Inflation Linked Fixed Income Fund;
- Target-Date Retirement Funds;
- Money Market Fund;
- Stable Value Fund (Legislators' Plan only);
- Retirement Funds' assets (Legislators' Plan only);
- Guaranteed Fund

The Guaranteed Fund provides a guarantee of the value of an individual's contributions plus any interest credited. The INPRS Board of Trustees annually establishes the interest crediting rate for the Guaranteed Fund based on a uniform methodology. The interest crediting rate for the Guaranteed Fund during the last 10 years is included in the Investment Highlights of this section.

The number and types of investment funds offered will be periodically reviewed by the Board in order to ensure diversity of investment alternatives, adequate and reasonable availability of investment types, and clarity and usefulness of the investment choices. ASA performance data is included in the Investment Highlights of this section.

Asset Class Summaries
Consolidated Defined Benefit Assets

## Public Equity

Market Value as
of $06 / 30 / 12$
\$4,975.4 Million

INPRS 1-Year Net Performance
(6.1) \%

Benchmark 1-Year Performance ${ }^{1}$
(6.9) \%

## Portfolio Objective

The Global Public Equity portfolio seeks to provide long-term capital appreciation and income through exposure to public equity securities. INPRS uses a variety of external managers to create a globally-diversified portfolio within the asset class. Historically, global public equities have performed well in environments when actual economic growth came in higher than expectations and/or when actual inflation came in lower than expectations.

INPRS Allocation


## Performance Attribution

INPRS one-year performance was favorable by 0.8 percentage points relative to its benchmark, driven primarily by the overweight in domestic equities versus the developed international and emerging markets equities.

## Market Overview

During fiscal year 2012, global equities, as represented by the MSCI ACWI, were down (6.9) percent. Equity markets were volatile during fiscal year 2012 due to uncertainties with European countries like Greece, Spain, and Italy; the slowing economy of China; and the United States' mounting fiscal debt. Based on the Russell 3000 Index, domestic equities were up 3.8 percent for fiscal year 2012. In addition, international equities were down (14.8) percent based on the MSCI ACWI ex US IMI Index.

For the first quarter of fiscal year 2012, domestic equities declined (15.3) percent after U.S. lawmakers agreed to raise the debt ceiling and the government's credit rating was downgraded to $A A+$. In addition, international markets remained depressed as European bank stocks sharply declined due to their exposure to weak European countries. As a result, global equities finished the quarter down (17.8) percent.

For the second quarter of fiscal year 2012, global equities rose 7.3 percent after the sluggish first quarter. Pressures on U.S. companies were rising due to a slowdown in foreign sales. However, investor confidence improved toward the end of the second quarter when economic data stated the U.S. was not headed back into a recession and European policymakers were taking bolder actions in an attempt to solve the sovereign debt crisis.

After the disappointing 2011, global public equity markets experienced success in the third quarter of fiscal year 2012, up 12.2 percent. Japan and Germany led the rising markets with quarterly returns near 20 percent. Central banks of developed countries across the world were stimulating, and economies were responding accordingly. The results of the Federal Reserve's stress test were released in March 2012, and 15 out of 19 bank holding companies passed, which showed significant signs of improvement in the economy. Overall, during the quarter, domestic equities were up 12.9 percent.

The fourth quarter of fiscal year 2012 experienced a decline in global growth and increased risk aversion among investors due to increased pressure to deleverage, less monetary stimulus in developed countries, and concerns over the future of the European Currency Union. Overall, for the fourth quarter, global equities were down (5.5) percent.
${ }^{1}$ Global Public Equity benchmark is the MSCI All Country World IMI Index ("MSCI ACWI").

## Portfolio Structure



## Investment Strategy



Asset Class Summaries, continued Consolidated Defined Benefit Assets

## Private Equity

Market Value as of 06/30/12
\$2,621.0 Million

INPRS 1-Year Net Performance
12.0\%

Benchmark 1-Year Performance ${ }^{1}$
6.8\%

## Portfolio Objective

The Private Equity portfolio seeks to provide risk-adjusted returns in excess of the public equity markets while simultaneously decreasing the volatility of the INPRS investment portfolio through diversification. The Private Equity portfolio is invested in the following sub-asset classes: venture and growth capital, buyout, energy, and debt-related strategies.

INPRS Allocation


## Performance Attribution

The Private Equity portfolio's performance returns were primarily driven by investments in the energy, domestic mid-market buyout, domestic large market buyout, and distressed debt subasset classes. The INPRS investments in energy funds earned a 16.5 percent return for fiscal year 2012.

The INPRS investments in domestic mid-market buyout managers returned 19 percent during fiscal year 2012. Similarly, domestic large market buyout investments in the Private Equity portfolio earned 16.1 percent and returned $\$ 189.1$ million of capital. Given the strong IPO exit environment in the first half of fiscal year 2012, it is not surprising that the INPRS investments in buyout funds fared well.

With the global uncertainty surrounding the credit markets, the INPRS investments with distressed debt managers had strong performance over fiscal year 2012. The distressed debt sub-asset class within the Private Equity portfolio returned $\$ 231.5$ million in capital during fiscal year 2012.

## Market Overview

The Private Equity portfolio returned 12.0 percent for fiscal year 2012, which exceeded the benchmark return of 6.8 percent by 5.2 percentage points. In addition, the INPRS Private Equity portfolio has outperformed its benchmark over the 5 -year period by 1.9 percentage points.

During fiscal year 2012, INPRS committed capital to a number of existing managers, as well as to a few new relationships. These commitments were made to managers who have shown strong prior performance in previous investments by INPRS and to strategies where additional exposure was desired. In making investments within the Private Equity asset class in fiscal year 2012, INPRS focused on balancing conviction in its chosen managers with appropriate diversification. To this end, INPRS made seven (7) investments ranging from $\$ 30$ million to $\$ 100$ million each in value, for a total of $\$ 402.5$ million of new commitments.
${ }^{1}$ Private Equity benchmark is the Russell 3000 Index Plus 300 Basis Points.

## Portfolio Structure



Investment by Sub-Asset Class


Investment by Vintage Year


Asset Class Summaries, continued Consolidated Defined Benefit Assets

## Fixed Income - Ex Inflation-Linked

Market Value as of 06/30/12 ${ }^{1}$
\$4,943.8 Million

INPRS 1-Year Net Performance
$6.7 \%$

Benchmark 1-Year Performance ${ }^{2}$
$6.7 \%$

## Portfolio Objective

The Fixed Income portfolio seeks to generate current income and long-term risk-adjusted return in excess of the Barclays Capital Global Aggregate Index ("Benchmark") through investment in debt securities. A focus is placed on preservation of capital. To minimize the probability of substantial principal loss over the investment horizon, the objective is to reduce portfolio volatility prior to enhancing portfolio returns.

## INPRS Allocation



## Performance Attribution

For fiscal year 2012, the INPRS Fixed Income portfolio returned 6.7 percent, essentially the same as the benchmark. The portfolio's overweight to the corporate sector and underweight to the government sector were the main factors impacting performance.

## Market Overview

During fiscal year 2012, capital markets were volatile primarily due to concerns over fiscal debt in both the U.S. and Europe, and a global economic slowdown, especially in the U.S. and China.

For the first quarter of fiscal year 2012, weak domestic economic data, the S\&P downgrade of the U.S. sovereign rating to $A A+$ from AAA, and increased concerns over European sovereign debt unsettled markets. INPRS Fixed Income portfolio returned 0.9 percent for the quarter. The portfolio's overweight to the corporate sector and underweight to the government sector were the main detractors from performance.

For the second quarter of fiscal year 2012, measures put in place by European policymakers and major central banks around the world to help resolve concerns over European sovereign debt and to increase liquidity to the global banking system, calmed markets. The INPRS Fixed Income portfolio returned 1.5 percent for the quarter. The portfolio's overweight to the corporate sector and exposure to the mortgage-backed sector were the main contributors to performance.

For the third quarter of fiscal year 2012, positive market sentiment from second quarter results directed a gain in momentum. The better-than-expected U.S. employment data, announcement by the Federal Reserve to keep interest rates exceptionally low until late 2014, and continued injection of liquidity by major central banks around the world into the global banking system, were the primary catalysts. The INPRS Fixed Income portfolio returned 2.3 percent for the quarter. The portfolio's overweight to the corporate sector was the main contributor to performance.

For the fourth quarter of fiscal year 2012, resurgence of concerns over European sovereign debt with a focus on deteriorating economic condition in Spain and Italy, weaker-than-expected U.S. employment data, and concerns over the U.S. fiscal cliff, dampened market sentiment. The INPRS Fixed Income portfolio returned 1.9 percent for the quarter. The portfolio's underweight to the government sector was the main detractor from performance.
${ }^{1}$ Market Value includes Cash.
${ }^{2}$ Fixed Income - Ex Inflation-Linked benchmark is the Barclays Capital Global Aggregate Index.

|  | INPRS |  | Benchmark |
| :--- | ---: | :--- | :--- |
| Duration to worst: | 6.04 |  | 6.37 |
| Yield to worst: | $3.25 \%$ |  | $2.21 \%$ |
| Credit quality: | $A+$ | AA / AA- |  |




# INVESTMENT SECTION 

Asset Class Summaries, continued Consolidated Defined Benefit Assets

## Fixed Income - Inflation-Linked

Market Value as of 06/30/12
\$2,078.7 Million

INPRS 1-Year Net Performance
$11.1 \%$

Benchmark 1-Year Performance ${ }^{1}$
8.9\%

## Portfolio Objective

The Treasury Inflation Protected Securities ("TIPS") portfolio seeks to generate long-term risk-adjusted return in excess of the Barclays Capital Global Inflation-Linked Bond Index ("Benchmark") through investment in inflation-linked securities, and to provide protection against unanticipated inflation.

INPRS Allocation


## Performance Attribution

For fiscal year 2012, the INPRS TIPS portfolio returned 11.1 percent, outperforming the benchmark by 2.2 percentage points. The portfolio's overweight to U.S. TIPS was the main contributor to performance.

## Market Overview

During fiscal year 2012, capital markets were volatile primarily due to concerns over fiscal debt in both the U.S. and Europe, and a global economic slowdown, especially in the U.S. and China.

For the first quarter of fiscal year 2012, weak domestic economic data, the S\&P downgrade of the U.S. sovereign rating to AA + from AAA, and increased concerns over European sovereign debt, unsettled markets. The INPRS TIPS portfolio returned 4.7 percent for the quarter. Deteriorating global economic data was the main detractor to performance.

For the second quarter of fiscal year 2012, measures put in place by European policymakers and major central banks around the world to help resolve concerns over European sovereign debt and to increase liquidity to the global banking system, calmed markets. The INPRS TIPS portfolio returned 2.6 percent for the quarter. Prospects of a global economic recovery and higher inflation expectations contributed to performance.

For the third quarter of fiscal year 2012, positive market sentiment directed a gain in momentum. The better-than-expected U.S. employment data, announcement by the Federal Reserve to keep interest rates exceptionally low until late 2014, and continued injection of liquidity by major central banks around the world into the global banking system, were the primary catalysts. The INPRS TIPS portfolio returned 1.0 percent for the quarter. Improving U.S. economic data and higher inflation expectations contributed to performance.

For the fourth quarter of fiscal year 2012, resurgence of concerns over European sovereign debt with a focus on deteriorating economic conditions in Spain and Italy, weaker-thanexpected U.S. employment data, and concerns over the U.S. fiscal cliff, dampened market sentiment. The INPRS TIPS portfolio returned 2.4 percent for the quarter. Weakening U.S. economic data and lower commodity prices were the main detractors from performance.

## Portfolio Structure

|  | INPRS |  | Benchmark |
| :--- | :---: | :---: | :---: |
| Duration to worst: | 9.65 |  | 9.28 |
| Yield to worst: | $1.49 \%$ |  | $1.33 \%$ |
| Credit quality: | AA + |  | AAA |



Asset Class Summaries, continued Consolidated Defined Benefit Assets

## Commodities

Market Value as of 06/30/12
\$1,559.5 Million

INPRS 1-Year Net Performance
(11.7) \%

Benchmark 1-Year Performance ${ }^{1}$
(12.5) \%

## Portfolio Objective

The purpose of the INPRS Commodity portfolio is to enhance long-term risk-adjusted returns by preserving investment capital and lowering overall volatility. The portfolio should also act as a hedge against unanticipated inflation. Commodity investments have historically delivered returns that are less correlated with equity and fixed income markets which may provide an opportunity to enhance returns and/or reduce volatility.

INPRS Allocation

## Portfolio Structure



## Performance Attribution

The INPRS Commodity portfolio's one-year performance led its benchmark by 0.8 percentage points. The outperformance from active management came in the first half of fiscal year 2012, and was the result of various over- and under-weights to the benchmark within mainly the agriculture and energy sectors.

## Market Overview

The INPRS commodity exposure is approximately equal to a 50/50 blend of the Dow Jones UBS Commodity Index and the Goldman Sachs Commodity Index. For fiscal year 2012, these indices were down (14.4) percent and (10.8) percent, respectively.

Commodity prices experienced a significant decline in the first quarter of fiscal year 2012. The sharp drop came in September 2011, as Eurozone uncertainty weighed heavily on commodity prices. The severity of the downward move across various commodity sectors, including precious metals, was highly correlated to the sharp decline in equity prices. Tight physical supply/demand balances in several commodities helped to support prices against further declines.

During the second quarter of fiscal year 2012, returns remained mostly unchanged, despite intra-quarter volatility. Notably, with the exception of precious metals, every major commodity sector (Energy, Industrial Metals, Livestock and Agriculture) ended calendar year 2011 lower.

Although commodity prices were generally higher throughout the third quarter of fiscal year 2012, components of the major indices saw an increasing price dispersion that highlighted differing supply/demand fundamentals. Geopolitical risks involving Iran helped support the petroleum sector over the quarter, while natural gas prices plummeted on warm weather and excess supply. Agriculture markets were generally subdued with the exception of soybeans, which staged a sharp rally on tightening fundamentals.

Commodity prices were generally lower throughout the fourth quarter of fiscal year 2012. The quarter was defined by growing concerns over the European debt crisis and weather-related volatility in the agricultural and natural gas markets. Industrial commodities generally trended lower, while grains experienced sharp gains as extreme weather reversed optimistic crop forecasts.
${ }^{1}$ Commodities benchmark is a 50/50 blend of the Dow Jones UBS Commodity Index and the Goldman Sachs Commodity Index.

Asset Class Summaries, continued Consolidated Defined Benefit Assets

## Real Estate

Market Value as of 06/30/12
\$919.5 Million

INPRS 1-Year Net Performance
9.0\%

Benchmark 1-Year Performance ${ }^{1}$
13.6\%

## Portfolio Objective

The INPRS Real Estate portfolio is mostly comprised of investments in private real estate partnerships, and the underlying exposures are a mix of debt and equity holdings. The portfolio seeks to generate attractive risk-adjusted returns by providing stable current income and preserving investment capital. The portfolio should also reduce volatility by providing a hedge against unanticipated inflation and through the diversification benefits provided by real estate investments.

INPRS Allocation


## Performance Attribution

For fiscal year 2012, the Real Estate portfolio trailed its benchmark by 4.6 percentage points. The INPRS real estate debt investments, while achieving a respectable 7.7 percent return on an absolute basis, did not perform well relative to the INPRS all-equity benchmark and proved to be a significant drag on overall relative performance.

## Market Overview

Private equity real estate was the top-performing major asset class heading into the start of fiscal year 2012. Returns for the two (2) major private real estate benchmarks, NPI and NFIODCE, exceeded public equities and bonds during the first three quarters of calendar year 2011. The NCREIF Property Index (NPI) was up 16.7 percent for the twelve-month period ending June 30, 2011.

For the first quarter of fiscal year 2012, the U.S. commercial real estate market maintained trends seen in the first half of calendar year 2011, with the apartment sector showing the strongest performance. Both capitalization rate compression and net operating income (NOI) growth contributed to strong appreciation for the sector. Overall, the NPI was up 3.3 percent for the quarter.

During the second quarter of fiscal year 2012, NPI was up 3.0 percent, marking the eighth consecutive quarter of positive total returns since the bottom of the market. Once again, apartments were the clear sector winner, with NOI growth contributing to its strong appreciation for the quarter. Nationally, investors continued to show their preference for the major gateway cities. Within the office sector, Manhattan, San Francisco and Washington D.C. comprised nearly half of the total property sales for calendar year 2011.

Following a very good calendar year 2011, commercial real estate continued its strong performance into 2012, with the NPI up 2.6 percent for the third quarter of fiscal year 2012. Appreciation return fell slightly from the prior quarter, as markets appeared to be stabilizing. Income return, however, was at a significant spread to Treasury yields, up 6.0 percent for the one-year period ending March 31, 2012.

The NPI increased 2.7 percent during the fourth quarter of fiscal year 2012, with returns driven by appreciation and income. For the fiscal year, the office and hotel sectors were the only two (2) major sectors to underperform the headline NPI. The apartment and retail sectors led the outperforming sectors, returning 13.2 percent and 13.4 percent, respectively, for the twelvemonth period.

## Portfolio Structure



## Property Location



Asset Class Summaries, continued
Consolidated Defined Benefit Assets

## Absolute Return

Market Value as of 06/30/12
\$1,241.0 Million

INPRS 1-Year Net Performance
(2.5) \%

## Benchmark 1-Year Performance ${ }^{1}$

(4.5) \%

## Portfolio Objective

The purpose of the Absolute Return Strategies Program is to enhance the long-term risk-adjusted returns by providing diversification benefits, while preserving capital and reducing volatility. Absolute Return Strategies generate returns by exploiting mispricing and inefficiencies in global capital markets, while attempting to reduce exposures to primary market factors (e.g., interest rates and equities) through various hedging techniques. These strategies have historically delivered returns that are less correlated with equity and fixedincome markets than traditional investment strategies. It is important to maintain an appropriate level of diversification among investment strategies in order to most effectively meet these stated objectives. At the end of fiscal year 2012, the Absolute Return portfolio consisted of 17 managers pursuing various investment strategies including long/short equity, event driven, relative value, and tactical trading.

## INPRS Allocation



## Performance Attribution

The INPRS Absolute Return portfolio's performance exceeded the benchmark (HFRI Fund of Funds Composite Index) by 2.0 percentage points. The favorable performance was the product of: (1) the portfolio's tactical trading managers capitalizing on the rally in developed market bonds; (2) a niche, asset-based investment manager producing yield and asset price appreciation; and (3) the portfolio's largest long/short equity manager returning over 8 percent during the course of fiscal year 2012.

## Market Overview

The Absolute Return portfolio was not insulated from the volatility endemic to the developed markets' deleveraging process and slowing growth concerns related to the U.S. fiscal cliff, Euro currency crisis and austerity, and falling Chinese growth.

Risk aversion and increased correlations resulted in macro sentiment impacting prices more than fundamentals during the first quarter of fiscal year 2012. As a result, higher beta convertible arbitrage and long/short equities suffered, losing (11.9) percent and (6.4) percent, respectively. Macro funds gained 7.7 percent for the quarter, benefiting from the decline in rates.

Domestic equities and distressed names in the portfolio rallied on better economic data, with both rising approximately 1.5 percent during the second quarter of fiscal year 2012. Macro managers underperformed most strategies as domestic and European rates struggled to find direction throughout the quarter.

During the third quarter of fiscal year 2012, risk assets continued to perform well on the back of improving U.S. data and constructive speech from Europe. The S\&P 500 rallied 12 percent, and convertible arbitrage, long/short equity, and long/short credit gained 5.1 percent, 3.9 percent and 3.4 percent, respectively. Macro managers continued to struggle as bearish European bets were defied.

Closing out fiscal year 2012, in the fourth quarter a combination of negative news from Europe and weak U.S. data led to a risk-off quarter. The macro strategy fell (2.6) percent due to incorrect directional positions in rates, currencies, and volatility. However, long/short credit and convertible arbitrage performed relatively well due to defensive positioning, returning (0.4) percent and ( 0.9 ) percent, respectively, over the quarter.

| Contribution to Performance by Strategy |  |
| :---: | :---: |
| 0.7\% | $\begin{aligned} & \square \text { Tactical Trading } \\ & \square \text { Relative Value } \end{aligned}$ |
| (1.1)\% | $\square$ Lons Shor Equity |
| 0.5 | $\square$ Event fiven |
| (1.9\%\% |  |
| ${ }^{10.2 \% \%}$ |  |

Portfolio Composition
Fund of Funds Separated


Fund of Funds Combined


Asset Class Summaries, continued Consolidated Defined Benefit Assets

## Risk Parity

Market Value as of 06/30/12
\$1,370.0 Million

INPRS 1-Year Net Performance ${ }^{1}$
1.0\%

Benchmark 1-Year Performance ${ }^{2}$
(2.1) \%

## Portfolio Objective

The Risk Parity portfolio seeks to create risk-balance that is capable of delivering consistent and high risk-adjusted returns in several macro-economic environments. Unlike a traditional asset allocation that is highly dependent on positive equity returns, the Risk Parity portfolio is constructed to accrue various asset class risk premiums, including equity, without long-term dominance from any single asset class. As a result, the underperformance of a given asset class in a particular environment will automatically be offset by the outperformance of another asset with an opposing sensitivity to the environment.

The Risk Parity portfolio rests on the following key tenets:

1. Over a full market cycle, most asset classes carry a risk premium, and by investing in them, investors expect to earn a return higher than that offered by cash instruments.
2. The return of a particular asset class is proportional to its risk over long periods of time (i.e., different asset classes have similar Sharpe ratios).
3. The main drivers of returns are growth and inflation factors, and certain asset classes perform better than others depending on the particular combination of such factors the economy is facing.

INPRS Allocation


## Performance Attribution

Since inception on March 14, 2012, the Risk Parity portfolio has produced a net of fees total return of 1.0 percent. This outperformed the traditional portfolio of 60 percent global equities and 40 percent global bonds by 3.1 percentage points over the same period.

## Market Overview

In the fourth quarter of fiscal year 2012, global economic growth disappointed due to fading monetary policy support globally, an acceleration of deleveragings across Europe, and slower growth in China. However, inflation changes were minimal over the quarter. As a result, assets with a bias to benefit from weaker-than-discounted economic growth performed well. The Barclays Global Aggregate Bond Index, with significant nominal bond exposure, was up 1.5 percent, and the Barclays Global Inflation-Linked Bond Index was up 1.3 percent. Assets that tend to struggle in this environment performed poorly. Global equities fell (5.7) percent, as represented by the MSCI ACWI IMI Index, and commodities fell (12.4) percent, as represented by the S\&P GSCI Index. By risk-balancing the allocation across asset classes that perform in either environment, the Risk Parity portfolio was able to offset the significantly negative equity and commodity returns with positive bond returns.

## ${ }^{1}$ Inception date was March 14, 2012.

${ }^{2}$ Risk Parity benchmark comprised of 60 percent MSCI ACWI IMI Index (equities) and 40 percent Barclays Global Aggregate Bond Index (bonds).

Portfolio Structure
Manager Allocation
$\square$ AOR $\quad$ Bridgewater


## Target Risk Allocation

Exposure to asset classes that perform well in the following economic environments.


Investment Highlights

## INPRS Unitized Investment Summary <br> Fiscal Year Ended June 30, 2012

(dollars in millions)

|  | Actual Assets |  | Percent |
| :---: | :---: | :---: | :---: |
| Consolidated Defined Benefit Assets: |  |  |  |
| Defined Benefit Retirement Plans' Assets | \$ | 19,698.9 | 77.8\% |
| Legislators' Defined Contribution Plan (LEDC Plan) ${ }^{1}$ |  | 10.0 | - |
| Total Consolidated Defined Benefit Assets |  | 19,708.9 | 77.8 |
| Annuity Savings Accounts (ASA) Assets ${ }^{\text {2 }}$ : |  |  |  |
| Public Employees' Retirement Fund (PERF) |  | 2,727.9 | 10.8 |
| Teachers' Retirement Fund (TRF) |  | 2,850.7 | 11.2 |
| Total Annuity Savings Accounts Assets |  | 5,578.6 | 22.0 |
| Legislators' Defined Contribution Plan ${ }^{3}$ |  | 14.2 | 0.1 |
| Pension Relief Fund ${ }^{4}$ |  | 14.1 | 0.1 |
| Death Benefit Funds ${ }^{5}$ |  | 12.2 | - |
| Total INPRS Unitized Investments ${ }^{6}$ | \$ | 25,328.0 | 100.0\% |

${ }^{1}$ Assets represent members of the LEDC Plan who have elected the Consolidated Defined Benefit Assets option. ${ }^{2}$ ASA assets are directed by PERF and TRF members outside the Consolidated Defined Benefit Assets.
${ }^{3}$ Account balances directed outside the Legislators' Consolidated Defined Benefit Assets option.
${ }^{4}$ Assets are invested in a Money Market Fund with Bank of New York Mellon.
${ }^{5}$ Includes State Employees' Death Benefit Fund and Public Safety Officers' Special Death Benefit Fund. Assets are invested in Fixed Income securities benchmarked against Barclays Capital U.S. Government Credit Index.
${ }^{6}$ Includes Securities Lending Collateral, Repurchase Agreements, Investments Receivable, Interest and
Dividends Receivable, Investments Payable, Securities Lending Obligations, Securities Sold Under Agreement to Repurchase, and immaterial timing differences compared to the accounting records.


## Retirement Plans in Consolidated Defined Benefit Assets Fiscal Year Ended June 30, 2012

(dollars in millions)

| Retirement Plan | Amount |  | Percent |
| :---: | :---: | :---: | :---: |
| Public Employees' Retirement Fund | \$ | 9,396.0 | 47.7\% |
| Teachers' Retirement Fund |  | 6,157.9 | 31.2 |
| 1977 Police Officers' \& Firefighters' Pension and Disability Fund |  | 3,775.8 | 19.2 |
| Judges' Retirement System |  | 262.1 | 1.3 |
| State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan |  | 76.1 | 0.4 |
| Prosecuting Attorneys' Retirement Fund |  | 27.6 | 0.1 |
| Legislators' Retirement System - Defined Benefit Plan |  | 3.4 | - |
| Legislators' Retirement System - Defined Contribution Plan |  | 10.0 | 0.1 |
| Total Consolidated Defined Benefit Assets ${ }^{1}$ | \$ | 19,708.9 | 100.0\% |

${ }^{1}$ Includes Securities Lending Collateral, Repurchase Agreements, Investments Receivable, Interest and Dividends Receivable, Investments Payable, Securities Lending Obligations, Securities Sold Under Agreement to Repurchase, and immaterial timing differences compared to the accounting records.
$\quad 0.4 \%{ }_{0.1 \%}$


## Consolidated Defined Benefit Assets Asset Allocation Summary

June 30, 2012 Actual vs. June 30, 2011 Actual
(dollars in millions)

|  | June 30, 2012 |  | June 30, 2011 ${ }^{1}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Asset Class | Amount | Percent | Amount | Percent |
| Public Equity | \$ 4,975.4 | 25.2\% | \$ 9,109.4 | 41.8\% |
| Private Equity | 2,621.0 | 13.3 | 2,143.1 | 9.8 |
| Fixed Income - Ex Inflation-Linked | 4,943.8 | 25.1 | 5,579.5 | 25.6 |
| Fixed Income - Inflation-Linked | 2,078.7 | 10.5 | 1,869.3 | 8.6 |
| Commodities | 1,559.5 | 7.9 | 802.3 | 3.7 |
| Real Estate | 919.5 | 4.7 | 928.8 | 4.3 |
| Absolute Return | 1,241.0 | 6.3 | 1,348.2 | 6.2 |
| Risk Parity | 1,370.0 | 7.0 | N/A | N/A |
| Total Consolidated Defined Benefit Assets ${ }^{2}$ | \$ 19,708.9 | 100.0\% | \$21,780.6 | 100.0\% |

${ }^{1}$ Asset allocation percentages are a combination of the PERF and TRF allocations to each respective asset class as previously reported for fiscal year 2011.
${ }^{2}$ Includes Securities Lending Collateral, Repurchase Agreements, Investments Receivable, Interest and Dividends Receivable, Investments Payable, Securities Lending Obligations, Securities Sold Under Agreement to Repurchase, and immaterial timing differences compared to the accounting records.


| Public Equity | Commodities |  |  |
| :--- | :--- | :--- | :--- |
| Private Equity |  | Real Estate |  |
|  | Fixed Income - Ex Inflation-Linked |  | Absolute Return |
| Fixed Income - Inflation-Linked | $\square$ | Risk Parity |  |

# Consolidated Defined Benefit Assets Asset Allocation Summary <br> June 30, 2012 Actual vs. Target 

| Asset Class | June 30, 2012 Actual | Target | Allowable Range for Investments |
| :---: | :---: | :---: | :---: |
| Public Equity | 25.2\% | 22.5\% | 20.0 to 25.0\% |
| Private Equity | 13.3 | 10.0 | 7.0 to 13.0 |
| Fixed Income - Ex Inflation-Linked | 25.1 | 22.0 | 19.0 to 25.0 |
| Fixed Income - Inflation-Linked | 10.5 | 10.0 | 7.0 to 13.0 |
| Commodities | 7.9 | 8.0 | 6.0 to 10.0 |
| Real Estate | 4.7 | 7.5 | 4.0 to 11.0 |
| Absolute Return | 6.3 | 10.0 | 6.0 to 14.0 |
| Risk Parity | 7.0 | 10.0 | 5.0 to 15.0 |
| Total Consolidated Defined Benefit Assets | 100.0\% | 100.0\% |  |

## June 30, 2012 Actual

## June 30, 2012 <br> Target



## Consolidated Defined Benefit Assets

## Annualized Rate of Return by Asset Class vs. Benchmark Returns Fiscal Year Ended June 30, 2012

|  | (Percent Return ${ }^{1}$ ) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 1-Year ${ }^{2}$ |  |  |
| Asset Class | Actual Return | Benchmark Return | Actual Over/ (Under) Benchmark (Pct. Points) | Benchmark |
| Public Equity | (6.1)\% | (6.9)\% | 0.8 | MSCI All Country World IMI Index (MSCI ACWI) |
| Private Equity | 12.0 | 6.8 | 5.2 | Russell 3000 Index Plus 300 Basis Points |
| Fixed Income - Ex Inflation-Linked | 6.7 | 6.7 | - | Barclays Capital Global Aggregate Index |
| Fixed Income - Inflation-Linked | 11.1 | 8.9 | 2.2 | Barclays Capital Global Inflation-Linked Bond Index |
| Commodities | (11.7) | (12.5) | 0.8 | Custom Benchmark ${ }^{3}$ |
| Real Estate | 9.0 | 13.6 | (4.6) | NCREIF Open End Diversified Core Equity Index |
| Absolute Return | (2.5) | (4.5) | 2.0 | HFRI Fund of Funds Composite Index |
| Risk Parity ${ }^{4}$ | 1.0 | (2.1) | 3.1 | Custom Benchmark ${ }^{5}$ |
| Total Consolidated Defined Benefit Assets | 0.7 \% | 1.4 \% | (0.7) | Custom Benchmark ${ }^{6}$ |

[^15]
## Consolidated Defined Benefit Assets <br> Comparative Investment Results <br> Fiscal Year Ended June 30, 2012

(Percent Return ${ }^{1}$ )

|  | Annualized Rates of Return |  |  |
| :---: | :---: | :---: | :---: |
|  | 1-Year ${ }^{2}$ | 3-Year ${ }^{2}$ | 5-Year ${ }^{2}$ |
| Total Consolidated Defined Benefit Assets | 0.7 \% | 11.0\% | 0.2 \% |
| vs. BNY Mellon Public Universe Median ${ }^{3}$ | 1.1 | 11.7 | 0.4 |
| Target Reference Index ${ }^{4}$ | 1.4 | 10.1 | 1.9 |
| Total Domestic Equity | 3.3 | 16.8 | 1.1 |
| vs. BNY Mellon Public Universe Median | 3.5 | 16.6 | 0.1 |
| Russell 3000 Index | 3.8 | 16.7 | 0.4 |
| Total International Equity | (14.5) | 7.4 | (4.0) |
| vs. BNY Mellon Public Universe Median | (13.2) | 8.4 | (4.2) |
| MSCI ACWI ex U.S. IMI Net | (14.8) | 7.4 | (4.5) |
| Total Domestic Fixed Income | 6.8 | 9.7 | 6.9 |
| vs. BNY Mellon Public Universe Median | 7.8 | 9.3 | 6.9 |
| Barclays U.S. Aggregate Bond Index | 7.5 | 6.9 | 6.8 |
| Total International Fixed Income ${ }^{5}$ | 3.4 | 5.4 | N/A |
| vs. BNY Mellon Public Universe Median | 0.8 | 8.1 | 6.8 |
| Barclays Global Aggregate ex-USD (USDH) | 6.2 | 4.5 | 4.9 |

[^16]Investment Highlights, continued

## Consolidated Defined Benefit Assets <br> Ten-Year Investment Rates of Return

(dollars in millions)

| Fiscal Year Ended June 30 |  | Market Value of Assets | Rate of Return ${ }^{1}$ | Actuarial Assumed Rate |
| :---: | :---: | :---: | :---: | :---: |
| 2003 | PERF CRIF ${ }^{2}$ | \$ 9,704.1 | 4.7 \% | 7.25\% |
|  | TRF DB ${ }^{3}$ Assets | 3,377.0 | 4.6 | 7.50 |
| 2004 | PERF CRIF | 11,338.2 | 16.3 | 7.25 |
|  | TRF DB Assets | 3,738.0 | 14.8 | 7.50 |
| 2005 | PERF CRIF | 12,435.3 | 9.8 | 7.25 |
|  | TRF DB Assets | 4,041.0 | 9.1 | 7.50 |
| 2006 | PERF CRIF | 13,694.9 | 10.7 | 7.25 |
|  | TRF DB Assets | 4,521.0 | 11.2 | 7.50 |
| 2007 | PERF CRIF | 16,114.3 | 18.2 | 7.25 |
|  | TRF DB Assets | 5,501.0 | 17.9 | 7.50 |
| 2008 | PERF CRIF | 14,851.0 | (7.6) | 7.25 |
|  | TRF DB Assets | 5,252.0 | (6.0) | 7.50 |
| 2009 | PERF CRIF | 11,795.1 | (20.6) | 7.25 |
|  | TRF DB Assets | 4,236.0 | (18.0) | 7.50 |
| 2010 | PERF CRIF | 13,314.0 | 13.9 | 7.25 |
|  | TRF DB Assets | 5,073.0 | 14.8 | 7.50 |
| 2011 | PERF CRIF | 15,796.6 | 20.1 | 7.00 |
|  | TRF DB Assets | 5,984.0 | 18.2 | 7.00 |
| 2012 | INPRS ${ }^{4}$ | 19,708.9 | 0.7 | 7.00 |

${ }^{1}$ 2003-2011: Gross of fees; 2012: Net of fees.
${ }^{2}$ Public Employees' Retirement Fund Consolidated Retirement Investment Fund
${ }^{3}$ Teachers' Retirement Fund Defined Benefit.
${ }^{4}$ INPRS Consolidated Defined Benefit Assets.

## Consolidated Defined Benefit Assets <br> Statistical Performance <br> Fiscal Year Ended June 30, 2012

| Statistic | 1-Year | 3-Years | 5-Years | 10-Years |
| :--- | :---: | :---: | ---: | ---: |
| Annualized Rate of Return | $0.7 \%$ | $11.0 \%$ | $0.2 \%$ | $5.7 \%$ |
| Annualized Standard Deviation | 8.87 | 8.28 | 12.42 | 10.56 |
| Annualized Sharpe Ratio | 0.12 | 1.30 | 0.01 | 0.42 |
| Beta | 0.49 | 0.50 | 0.62 | 0.59 |
| Annualized Alpha | $10.81)$ | 0.59 | $(0.16)$ | $10.13)$ |
| Correlation | 0.96 | 0.95 | 0.95 | 0.88 |

Market proxy is the S\&P 500.
Risk Free proxy is the Citigroup 3-month Treasury Bill.

## Definition of Key Terms:

Standard Deviation: A statistic used to measure the dispersion in a distribution. Dispersion is measured relative to the mean, or average of the distribution. The greater the dispersion, the higher the risk associated with the pattern of observations. One standard deviation describes two-thirds of the observations in a normal, or bell-shaped distribution. In an asset allocation context, standard deviation is a conventional proxy for risk or volatility.

Sharpe Ratio: Ratio used to measure risk-adjusted performance. The Sharpe Ratio is calculated by subtracting a risk-free rate (proxy) from the rate of return for a portfolio and dividing the result by the standard deviation of the portfolio returns. The Sharpe Ratio provides insight on excess risk held in the portfolio. The greater a portfolio's Sharpe Ratio, the better its risk-adjusted performance has been. A negative Sharpe Ratio indicates that a risk-less asset would perform better than the security being analyzed.

Beta: A measure of the volatility, or systematic risk, of a security or portfolio in comparison to the market as a whole. Beta is the tendency of a security's return to respond to swings in the market. A Beta of less than one (1) indicates less volatility than the market. A Beta of greater than one (1) indicates greater volatility than the market.

Alpha: A measure of performance on a risk-adjusted basis. Alpha is the difference between the actual performance of the fund and the performance which should have been achieved given the market's performance and the fund's risk posture.

Correlation: A statistical measure of how two (2) securities move in relation to each other. A correlation of 1.0 indicates similar magnitude and direction of change. A correlation of negative (1.0) indicates similar magnitude, but opposite direction. A correlation of zero indicates the relationship is purely random. Often, the correlation is squared and known as R -squared or the Coefficient of the Correlation.

## Public Employees' Retirement Fund (PERF)

## Annuity Savings Aceounts (ASA) - Assets by Investment Option

 Fiscal Year Ended June 30, 2012(dollars in millions)

| Investment Option | PERF ASA Assets |  | Percent of Self-Directed Investments |
| :---: | :---: | :---: | :---: |
| Guaranteed Fund | \$ | 2,095.2 | 76.8\% |
| Large Cap Equity Index Fund |  | 207.1 | 7.6 |
| Small/Mid Cap Equity Fund |  | 206.4 | 7.6 |
| International Equity Fund |  | 49.7 | 1.8 |
| Fixed Income Fund |  | 78.1 | 2.9 |
| Inflation-Linked Fixed Income Fund |  | 19.6 | 0.7 |
| Money Market Fund |  | 21.0 | 0.8 |
| Target Date Funds ${ }^{1}$ |  | 50.8 | 1.8 |
| Total PERF ASA Assets ${ }^{2}$ | \$ | 2,727.9 | 100.0\% |

${ }^{1}$ Consolidated market values of all Target Date Funds.
${ }^{2}$ Includes Repurchase Agreements, Investments Receivable, Interest and Dividends Receivable, Investments Payable, and Securities Sold Under Agreement to Repurchase.


## PERF Annuity Savings Aceounts Guarantecd Fund Interest Crediting Rates

| Fiscal Year <br> Ended June 30 |  | PERF ASA Interest <br> Crediting Rate |
| :---: | :---: | :---: |
| $2003^{1}$ | $8.25 / 7.75 \%$ |  |
| 2004 | 7.25 |  |
| 2005 | 6.25 |  |
| 2006 | 5.75 |  |
| 2007 | 6.00 |  |
| 2008 | 6.50 |  |
| 2009 | 6.00 |  |
| 2010 | 3.50 |  |
| 2011 | 1.75 |  |
| 2012 | 1.75 |  |


${ }^{1}$ For the fiscal year ended June 30, 2003, the interest crediting rate of the Guaranteed Fund is credited based on an annual rate of $8.25 \%$ for the first quarter and $7.75 \%$ for the remaining three quarters.

> Self-Directed Investment Options PERFAnnuity Savings Aceounts Annualized Rate of Return by Investment Option Fiscal Year Ended June 30,2012
(Percent Return ${ }^{1}$ )

| Investment Option | 1-Year ${ }^{2}$ | 3-Year ${ }^{2}$ | 5-Year $^{2}$ |
| :--- | :---: | :---: | :---: |
| Guaranteed Fund | $1.75 \%$ | $2.4 \%$ | $3.9 \%$ |
| Large Cap Equity Index Fund | 5.5 | 16.5 | 0.2 |
| Small / Mid Cap Equity Fund | $(2.9)$ | 18.7 | 1.8 |
| International Equity Fund | $(14.9)$ | 7.4 | $(4.0)$ |
| Fixed Income Fund | 7.7 | 8.2 | 7.7 |
| Inflation-Linked Fixed Income Fund | 11.2 | 9.3 | 8.5 |
| Money Market Fund | 0.1 | 0.1 | 1.1 |
| Target Date Funds: |  |  |  |
| Retirement Fund | 6.2 | 7.9 | 6.3 |
| $\quad$ Retirement Fund 2015 | 5.0 | 8.7 | 5.7 |
| $\quad$ Retirement Fund 2020 | 3.8 | 9.5 | 5.1 |
| $\quad$ Retirement Fund 2025 | 1.7 | 10.3 | 4.0 |
| $\quad$ Retirement Fund 2030 | $(1.4)$ | 10.9 | 1.9 |
| $\quad$ Retirement Fund 2035 | $(2.4)$ | 10.9 | 1.4 |
| Retirement Fund 2040 | $(2.5)$ | 10.9 | 1.3 |
| $\quad$ Retirement Fund 2045 | $(2.5)$ | 10.9 | 1.3 |
| Retirement Fund 2050 | $(2.5)$ | 10.9 | 1.3 |
| Retirement Fund 2055 | $(2.5)$ | 10.9 | 1.4 |

## ${ }^{1}$ Net of fees.

${ }^{2}$ Based on performance calculations made by the system's recordkeeper, Xerox. The 1-year, 3-year, and 5-year performance returns are time-weighted rates of return for the fiscal year ended June 30, 2012. Prior to July 30, 2010, all data presented (excluding the Guaranteed Fund) is calculated from manager composite performance.

Teachers' Retirement Fund (TRF)
Annuity Savings Accounts (ASA) - Assets by Investment Option Fiscal Year Ended June 30, 2012
(dollars in millions)

| Investment Option | TRF ASA Assets |  | Percent of Self-Directed Investments |
| :---: | :---: | :---: | :---: |
| Guaranteed Fund | \$ | 1,916.5 | 67.2\% |
| Large Cap Equity Index Fund |  | 379.8 | 13.3 |
| Small / Mid Cap Equity Fund |  | 273.7 | 9.6 |
| International Equity Fund |  | 121.0 | 4.2 |
| Fixed Income Fund |  | 98.6 | 3.5 |
| Inflation-Linked Fixed Income Fund |  | 22.6 | 0.8 |
| Money Market Fund |  | 0.7 | 0.0 |
| Target Date Funds ${ }^{1}$ |  | 36.2 | 1.3 |
| Pending Contributions |  | 1.6 | 0.1 |
| Total TRF ASA Assets ${ }^{2}$ | \$ | 2,850.7 | 100.0\% |

${ }^{1}$ Consolidated market values of all Target Date Funds.
${ }^{2}$ Includes Repurchase Agreements, Investments Receivable, Interest and Dividends Receivable, Investments Payable, and Securities Sold Under Agreement to Repurchase.


| Guaranteed Fund | Fixed Income Fund |
| :---: | :---: |
| Large Cap Equity Index Fund | Inflation-Linked Fixed Income Fund |
| Small/Mid Cap Equity Fund | Money Market Fund |
| International Equity Fund | Target Date Funds |

## TRF Annuity Savings Aceounts Guaranted Fund Interest Crediting Rates

| Fiscal Year <br> Ended June 30 |  | TRF ASA Interest <br> Crediting Rate |
| :---: | :---: | :---: |
| 2003 |  | $7.00 \%$ |
| 2004 | 6.75 |  |
| 2005 | 6.25 |  |
| 2006 |  | 6.00 |
| 2007 |  | 5.50 |
| 2008 | 6.00 |  |
| 2009 | 5.50 |  |
| 2010 |  | 3.50 |
| 2011 |  | 1.75 |
| 2012 | 1.75 |  |



# Self-Directed Investment Options TRF Annuity Savings Aceounts Annualized Rate of Return by Investment Option Fiscal Year Ended June 30, 2012 

(Percent Return ${ }^{1}$ )

| Investment Option | 1-Year ${ }^{2}$ | 3-Year ${ }^{2}$ | 5-Year ${ }^{2}$ |
| :--- | :---: | :---: | :---: |
| Guaranteed Fund | $1.75 \%$ | $2.4 \%$ | $3.7 \%$ |
| Large Cap Equity Index Fund | 5.5 | 16.4 | 0.1 |
| Small / Mid Cap Equity Fund | $(3.0)$ | 18.4 | 1.7 |
| International Equity Fund | $(15.0)$ | 7.2 | $(4.1)$ |
| Fixed Income Fund | 8.2 | 8.3 | 8.0 |
| Inflation-Linked Fixed Income Fund | 11.6 | 9.5 | 8.6 |
| Money Market Fund | 0.1 | 0.1 | 1.1 |
| Target Date Funds: |  |  |  |
| Retirement Fund | 6.5 | 8.0 | 6.4 |
| Retirement Fund 2015 | 5.4 | 8.8 | 5.8 |
| Retirement Fund 2020 | 4.1 | 9.6 | 5.3 |
| Retirement Fund 2025 | 2.0 | 10.4 | 4.1 |
| Retirement Fund 2030 | $(1.2)$ | 10.9 | 2.0 |
| Retirement Fund 2035 | $(2.3)$ | 10.9 | 1.4 |
| Retirement Fund 2040 | $(2.4)$ | 10.9 | 1.4 |
| Retirement Fund 2045 | $(2.4)$ | 10.8 | 1.4 |
| Retirement Fund 2050 | $(2.4)$ | 10.8 | 1.4 |
| Retirement Fund 2055 | $(2.3)$ | 10.9 | 1.4 |

## ${ }^{1}$ Net of fees.

${ }^{2}$ Based on performance calculations made by the system's recordkeeper, Xerox. The 1-year, 3-year, and 5-year performance returns are time-weighted rates of return for the fiscal year ended June 30, 2012. Prior to July 30, 2010, all data presented (excluding the Guaranteed Fund) is calculated from manager composite performance. After July 30, 2010, all performance presented consists of actual investment returns experienced by members.

## Legislators' Defined Contribution Plan Assets Fiscal Year Ended June 30, 2012

(dollars in millions)

| Investment Option | LEDC Plan Assets |  | Percent of Self-Directed Investments |
| :---: | :---: | :---: | :---: |
| Consolidated Defined Benefit Assets | \$ | 10.0 | 41.3\% |
| Large Cap Equity Index Fund |  | 2.9 | 12.0 |
| Small / Mid Cap Equity Fund |  | 3.1 | 12.8 |
| International Equity Fund |  | 0.8 | 3.3 |
| Fixed Income Fund |  | 2.2 | 9.1 |
| Inflation-Linked Fixed Income Fund |  | 0.2 | 0.8 |
| Money Market Fund |  | 3.3 | 13.6 |
| Stable Value Fund |  | 1.1 | 4.6 |
| Target Date Funds ${ }^{1}$ |  | 0.6 | 2.5 |
| Total LEDC Plan Assets ${ }^{2}$ | \$ | 24.2 | 100.0\% |

${ }^{1}$ Consolidated market values of all Target Date Funds.
${ }^{2}$ Includes Securities Lending Collateral, Repurchase Agreements, Investments Receivable, Interest and Dividends Receivable, Investments Payable, Securities Lending Obligations, and Securities Sold Under Agreement to Repurchase.


## Self-Directed Investment Options <br> Legislators' Defined Contribution Plan Annualized Rate of Return by Investment Option <br> Fiscal Year Ended June 30, 2012

## (Percent Return ${ }^{1}$ )

| Investment Option | 1-Year ${ }^{2}$ | 3-Year ${ }^{2}$ | 5-Year ${ }^{2}$ |
| :--- | :---: | :---: | :---: |
| Consolidated Defined Benefit Assets | $0.2 \%$ | $10.8 \%$ | $0.2 \%$ |
| Large Cap Equity Index Fund | 5.5 | 16.5 | 0.2 |
| Small/Mid Cap Equity Fund | $(2.9)$ | 18.7 | 1.8 |
| International Equity Fund | $(14.9)$ | 7.4 | $(4.0)$ |
| Fixed Income Fund | 7.7 | 8.2 | 7.7 |
| Inflation-Linked Fixed Income Fund | 11.2 | 9.3 | 8.5 |
| Money Market Fund | 0.1 | 0.1 | 1.1 |
| Stable Value Fund | 3.2 | 4.0 | 4.2 |
| Target Date Funds: |  |  |  |
| Retirement Fund | 6.2 | 7.9 | 6.3 |
| $\quad$ Retirement Fund 2015 | 5.0 | 8.7 | 5.7 |
| $\quad$ Retirement Fund 2020 | 3.8 | 9.5 | 5.1 |
| Retirement Fund 2025 | 1.7 | 10.3 | 4.0 |
| Retirement Fund 2030 | $1.4)$ | 10.9 | 1.9 |
| Retirement Fund 2035 | $(2.4)$ | 10.9 | 1.4 |
| Retirement Fund 2040 | $(2.5)$ | 10.9 | 1.3 |
| Retirement Fund 2045 | $(2.5)$ | 10.9 | 1.3 |
| Retirement Fund 2050 | $(2.5)$ | 10.9 | 1.3 |
| Retirement Fund 2055 | $(2.5)$ | 10.9 | 1.3 |

${ }^{1}$ Net of fees.
${ }^{2}$ Based on performance calculations made by the system's recordkeeper, Xerox. The 1-year, 3-year, and 5 -year performance returns are time-weighted rates of return for the fiscal year ended June 30, 2012. Prior to July 30, 2010, all data presented (excluding the Guaranteed Fund) is calculated from manager composite performance. After July 30, 2010, all performance presented consists of actual investment returns experienced by members.

## INPRS "Top 10" Equity Holdings <br> Fiscal Year Ended June 30, 2012 <br> (by Market Value) ${ }^{1}$

(dollars in thousands)

| Company | Shares | Market Value |
| :--- | ---: | ---: |
| Apple Inc. | 135,272 | $\$$ |
| Exxon Mobil Corp. | 501,737 | 78,999 |
| Microsoft Corp. | $1,064,396$ | 42,934 |
| Novartis | 521,146 | 32,560 |
| International Business Machine Corp. | 144,555 | 29,127 |
| General Electric Co. | $1,340,823$ | 28,272 |
| AT\&T Inc. | 770,703 | 27,943 |
| Philip Morris International Inc. | 304,062 | 27,483 |
| Wells Fargo \& Co. | 690,032 | 26,532 |
| Intel Corp. | $8,122,946$ | 26,480 |

${ }^{1}$ A complete list of portfolio holdings is available upon request.

## INPRS "Top 10" Fixed Income Holdings Fiscal Year Ended June 30, 2012 <br> (by Market Value) ${ }^{1}$

| Description | Coupon Rate | Maturity Date | Par Value | Market Value |
| :---: | :---: | :---: | :---: | :---: |
| U.S. Treasury - CPI Inflation Index Bond | 0.125\% | 4/15/16 | \$ 188,592 | \$ 196,298 |
| U.S. Treasury - CPI Inflation Index Bond | 0.125 | 1/15/22 | 134,410 | 142,212 |
| U.S. Treasury Note | 1.000 | 3/31/17 | 119,775 | 121,422 |
| U.S. Treasury - CPI Inflation Index Bond | 0.625 | 7/15/21 | 107,806 | 120,069 |
| FNMA TBA 3.5\% | 3.500 | 8/01/42 | 114,500 | 120,028 |
| U.S. Treasury - CPI Inflation Index Bond | 1.125 | 1/15/21 | 97,521 | 112,226 |
| U.S. Treasury - CPI Inflation Index Bond | 2.375 | 1/15/25 | 76,668 | 100,968 |
| U.S. Treasury - CPI Inflation Index Bond | 2.000 | 1/15/14 | 93,826 | 97,418 |
| U.S. Treasury - CPI Inflation Index Bond | 5.000 | 4/15/15 | 91,120 | 94,608 |
| U.S. Treasury - CPI Inflation Index Bond | 1.250 | 7/15/20 | 76,879 | 89,264 |

[^17]
## Top 10 Brokers' Commission Fees Fiscal Year Ended June 30, 2012

(dollars in thousands)

| Broker | Amount Paid <br> in Fees |  |
| :--- | ---: | ---: |
| Credit Suisse | $\$$ | 665 |
| Morgan Stanley \& Co. Inc. | 602 |  |
| UBS Securities LLC | 222 |  |
| Newedge USA LLC | 186 |  |
| Citigroup | 175 |  |
| Investment Technology Group | 158 |  |
| State Street Bank \& Trust Co. | 154 |  |
| Instinet Europe Limited | 142 |  |
| Goldman Sachs \& Co. | 137 |  |
| Liquidnet Inc. | 131 |  |
| Top 10 Brokers' Commission Fees | 2,572 |  |
| Other Brokers | $\mathbf{3 , 9 0 8}$ |  |
| Total Brokers' Commission Fees | $\mathbf{\$ , 4 8 0}$ |  |

## Investment Management Fees by Asset Class Fiscal Year Ended June 30, 2012

(dollars in thousands)

| Asset Class | Investment <br> Management <br> Fees |  |
| :--- | ---: | ---: |
| Consolidated Defined Benefit Assets | $\$$ | 24,510 |
| Public Equity | 28,000 |  |
| Private Equity | 10,160 |  |
| Fixed Income - Ex Inflation-Linked | 6,494 |  |
| Fixed Income - Inflation-Linked | 2,350 |  |
| Commodities | 3,181 |  |
| Real Estate | 27,066 |  |
| Absolute Return | 359 |  |
| Risk Parity | 102,120 |  |
| Total Consolidated Defined Benefit Assets | 4,364 |  |
| Annuity Savings Account Assets | $\mathbf{1 0 6 , 4 8 4}$ |  |
| Total Investment Management Fees | $\$$ |  |

Investment Professionals

## Consolidated Defined Benefit Assets

## Custodian

Bank of New York Mellon

## Consultants

Aksia
ORG Real Property
Strategic Investment Solutions

## Public Equity

Altrinsic Global Advisors, LLC
Arrowstreet Capital, LP
Artisan Partners Limited Partnership
Baillie Gifford \& Company
Barrow Hanley
BlackRock Institutional Trust
Columbus Circle Investors
Delaware
DePrince Race \& Zollo
Earnest Partners, LLC
Gryphon
JP Morgan Asset Management
Leading Edge Investment Advisors
Mondrian Investment Partners, Inc.
Rhumbline Advisers
Schroders
Times Square Capital Management, LLC
Wells Capital Management

## Private Equity

A.M. Pappas \& Associates, LLC

ABRY Partners, LLC
Accel Partners
Accent Equity Partners AB
Actis Capital LLP
Advanced Technology Ventures
Advent International Corp.
Aisling Capital
American Securities Capital Partners, L
AnaCap Financial Partners LLP
Apax Partners

Apollo Advisors, LP
Arch Venture Partners
Ares Management, LLC
Austin Ventures
Avenue Capital Partners
Bain Capital, Inc.
Bay Partners
Bertram Capital
Black Diamond Capital Management, LLC
BPEP International
Brentwood Associates
Caltius Mezzanine
Candover Partners, Ltd
Cardinal Partners
Catterton Partners
Centerfield Capital Partners
Century Park Capital Partners
Cerberus Capital Management, LLC
Charterhouse Group International, Inc.
CID Capital
Cinven
Close Brothers Private Equity, Ltd
Code Hennessy \& Simmons LLC
Coller Capital
Columbia Capital LLC
Court Square Capital Partners
Credit Suisse First Boston
Credit Suisse Private Equity
Crescent Capital
Crescent Mezzanine Partners
Crestview Capital Funds
CVC Capital Partners
Doll Capital Management
Elevation Associates, LP
EnCap Investments LP
Energy Capital Partners GP
Enhanced Capital Partners
Escalate Capital Partners
Falcon Strategic Partners
First Reserve Corporation
Forbion Capital Partners
Fortress Investment Group LLC
Gilde Buy Out Partners
Globespan Capital Partners

Green Equity Partners
Greenpark International Investors
GSO Capital Partners, LP
GTCR Golder Rauner, LLC
H2 Equity Partners BV
Hammond Kennedy Whitney \& Co.
Hellman \& Friedman LLC
Herkules Capital
High Road Capital Partners
Horsley Bridge Partners
Insight Venture Partners
Institutional Venture Partners
JFM Management Inc.
Kailai Investments
Khosla Ventures
KPS Special Situations Funds
Landmark Partners, Inc.
Lexington Capital Partners
Lightyear Capital LLC
Lindsay Goldberg
Lion Capital
MBK Partners
Merit Capital Partners
Mill Road Capital
Natural Gas Partners
Neovara
Neuberger Berman
New Enterprise Associates
New Mountain Partners
Oak Hill Advisors, LP
Oak Hill Capital Management, LLC
Oak Investment Partners
Oaktree Capital Management, LLC
Opus Capital
Panda Power Generation
Infrastructure Fund, GP
Parthenon Capital Partners
Peninsula Capital Partners, LLC
Permira
Platinum Equity, LLC
Rho Capital Partners, Inc.
RJD Partners Limited
SAIF Partners
Sankaty Credit Advisors

## Scale Management

Silver Cup Partners
Silver Lake Partners, LLC
Sun Capital Partners, Inc.
TA Associates
Technology Crossover Ventures
Technology Partners
Terra Firma
Texas Pacific Group
The Blackstone Group
The Jordan Company
TowerBrook Investors LP
Trilantic Capital Partners
Trinity Ventures
Triton Partners
True Ventures
TSG6 Management, LLC
Veritas Capital
Veronis Suhler Stevenson
Vestar Capital Partners, Inc.
Vintage Venture Partners
Vision Capital LLP
Vista Equity Partners
Walden Group of Venture Capital Funds
Warburg, Pincus LLC
Wayzata Investment Partners, LLC
Weston Presido Capital Management
White Deer Management LLC
Windjammer Capital Investors
WL Ross \& Company, LLC
Xenon Private Equity
York Capital Management
Fixed Income Ex Inflation-Linked
Alliance Capital
Goldman Sachs Asset Management, LP
Loomis Sayles \& Company, LP
Mondrian Investment Partners, Inc.
Pacific Investment Management
Company (PIMCO)
Prudential
Reams Asset Management
Taplin Canida \& Habacht

# Fixed Income - <br> Inflation-Linked <br> BlackRock Financial Management <br> Bridgewater Associates, Inc. <br> Northern Trust Global Investments 

## Commodities

CoreCommodity Management
Goldman Sachs Asset Management, LP
Gresham Investment Management, LLC The Blackstone Group

## Real Estate

Blackstone Real Estate Partners
Colony Capital, LLC
European Investors, Inc.
Greenfield Partners, LLC
H/2 Capital Partners
Harrison Street Real Estate Capital, LLC
House Investments
JDM Partners
LaSalle Investment Management
Lone Star
Mesa West
Prima Capital Advisors, LLC
Stockbridge Capital Group
TA Realty Associates
Walton Street Capital, LLC
WestRiver Capital, LLC

## Absolute Return

Advent Capital Management, LLC
BellPoint
Blackstone Alternative Asset
Management (BAAM)
Brevan Howard Asset Management, LLP Bridgewater Associates, Inc.
Brigade
Brookside Capital, LLC
Davidson Kempner Capital Management
Elm Ridge Capital Management, LLC
Highfields Capital
King Street Capital Management
Linden

Pacific Alternative Asset Management Company (PAAMCO)
Paulson and Co, Inc.
Perella Weinberg
Theorema
Viking Global Investors
Risk Parity
AQR
Bridgewater Associates, Inc.

Investment Professionals, continued

Annuity Savings
Account and
Legislators' Defined
Contribution Plan
Assets

- Public Employees' Retirement Fund (PERF)
- Teachers' Retirement Fund (TRF)
- Legislators' Defined Contribution Plan (LEDC Plan)

Consultant
Capital Cities
Large Cap Equity
Index Fund
BlackRock Institutional Trust
Small/Mid Cap
Equity Fund
CS McKee
Loomis Sayles \& Company
Rhumbline Advisers
International

## Equity Fund

Baillie Gifford \& Company
BlackRock Institutional Trust
Dimensional Fund Advisors
Earnest Partners

## Fixed Income Fund

Loomis Sayles \& Company
Northern Trust (PERF and LEDC Plan only)
Pacific Investment Management
Company (PIMCO)
State Street Global Advisors (TRF only)
Inflation-Linked
Fixed Income Fund
BlackRock Institutional Trust

## Money Market Fund

Bank of New York Mellon
Stable Value Fund
Northern Trust Global Advisors
(LEDC Plan only)

Pension Relief Fund

Bank of New York Mellon

Special Death Funds

PNC Institutional Investments


# INDIANA P UBLIC RETIREMENT SYSTEM 2012 COMPREHENSIVE ANNUAL FINANCIAL REPORT For the Fiscal Year Ended June 30, 2012 

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## Introduction

Prior to July 1, 2011, the Defined Benefit retirement plans for public employees in the State of Indiana were administered by independent instrumentalities governed by separate boards of appointed trustees, including the Public Employees' Retirement Fund and the Indiana State Teachers' Retirement Fund. Legislation adopted in 2010 called for a consolidation of these entities, which began with the appointment of a joint Executive Director in May 2010, and resulted in the creation of the Indiana Public Retirement System (INPRS) effective July 1, 2011.

For the seven (7) separate Defined Benefit retirement plans administered by INPRS, there are two
(2) actuaries who currently provide the actuarial services as summarized below:

## PricewaterhouseCoopers, LLP

- Public Employees' Retirement Fund

■ 1977 Police Officers' and Firefighters' Pension and Disability Fund

- Judges' Retirement System

■ State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

- Prosecuting Attorneys' Retirement Fund
- Legislators' Defined Benefit Plan


## Nyhart

Teachers' Retirement Fund

Accordingly, the INPRS FY2012 CAFR Actuarial Section includes an Actuary Certification Letter from each actuary for the actuarial valuations prepared as of June 30, 2012.

December 20, 2012

Board of Trustees
Indiana Public Retirement System
1 North Capitol, Suite 001
Indianapolis, IN 46204

## Re: Certification of the Actuarial Valuations of the Indiana Public Retirement System as of as of June 30, 2012

## Dear Board of Trustees:

Actuarial valuations are performed annually for the Indiana Public Retirement System ("INPRS") defined benefit pension plans ("Plans"). The results of the latest actuarial valuations, which were prepared as of June 30, 2012, are presented in individual valuation reports for each fund and were prepared pursuant to the engagement letter between INPRS and PricewaterhouseCoopers LLP ("PwC"), dated June 7, 2010. The reports are intended to provide the Board of Trustees ("Board") with information on the funded status of the Plans, development of the contribution rates, and certain financial statement disclosure information.

Under Indiana statutes, employer contribution rates and amounts, as applicable, are adopted annually for each Plan by the Board. The contributions are actuarially determined based on the Board's funding policy and adopted actuarial assumptions. Contributions determined by the actuarial valuation become effective either twelve or eighteen months after the valuation date, depending on the applicable employer. For example, contribution rates determined by the June 30, 2012 actuarial valuation and adopted by the Board will become effective on either July 1,2013 or January 1, 2014. If new legislation is enacted between the valuation date and the date the contributions become effective, the Board may adjust the recommended contributions before adopting them, in order to reflect this new legislation. Such adjustments are based on information supplied by the actuary.

## Financing Objectives and Funding Policy

In setting contribution levels, the Board's principal objectives have been:

- To set contributions such that the unfunded actuarial accrued liability ("UAAL") will be amortized over a 30-year period.
- To set contributions such that they remain relatively level over time.

To accomplish this, the Board's funding policy requires that employer contributions be equal to the sum of the employer normal cost (which pays the current year cost of benefits accruing) and an amortization of the UAAL in equal installments.

No membership growth is anticipated in setting the contributions. This is consistent with GASB \#25, which prohibits anticipating membership growth in determining the Annual Required Contribution ("ARC").

## Progress Toward Realization of Financing Objectives

The funded ratio (the ratio of the actuarial value of assets to the actuarial accrued liability) is a standard measure of a Plan's funded status. In the absence of benefit improvements, it should increase over time, until it reaches $100 \%$. The combined funded ratio for all Plans decreased by $4.2 \%$ from the preceding year to $79.2 \%$, primarily due to fiscal 2012 investment returns of $0.7 \%$ being below the actuarial assumed rate of $7.0 \%$, delayed recognition of prior asset losses from fiscal 2009 in the Actuarial Value of Assets, a decrease in the discount rate from $7.0 \%$ to $6.75 \%$, and an update to the mortality table assumption.

## Benefit Provisions

The benefit provisions reflected in the valuation reports are those which were in effect at June 30, 2012, as set forth in the related Indiana statutes. None of the Plans had any material changes in benefit provisions since the 2011 valuation; however, a 13 th Check was provided to retirees in PERF and EG\&C in lieu of a Cost-of-Living Adjustment.

[^18]
## pw

## Assets and Member Data

The valuations were based on asset values of the trust funds and member census data as of June 30, 2012, All asset information and member data were provided by INPRS. While certain checks for reasonableness were performed, the data was used unaudited. The accuracy of the results presented in the reports is dependent upon the accuracy and completeness of the underlying asset and census information.

## Actuarial Assumptions and Methods

The majority of the actuarial assumptions used in the June 30, 2012 valuations were adopted by the Board pursuant to the Experience Studies completed in September 2011, which reflected the experience period from July 1, 2005 through June 30, 2010, and were first used in the June 30,2011 valuation. The actuarial assumptions for interest rate and mortality were updated for the June 30,2012 valuation. The actuarial assumptions and methods are summarized in the Actuarial Assumptions and Methods section of each valuation report. We believe the actuarial assumptions and methods are reasonable for the purposes of the valuation reports and comply with the parameters set forth in Statements No. 25 and No. 27 of the Governmental Accounting Standards Board ("GASB"). Different assumptions and methods may be reasonable for other purposes. As such, the results presented in the valuation reports should only be relied upon for the intended purpose.

## Certification

We certify that the information presented herein is accurate and fairly portrays the actuarial position of each Plan administered by INPRS as of June 30, 2012 based on the underlying census data, asset information and selected assumptions and methods.

This report contains the required accounting information to be included in the Comprehensive Annual Financial Report. This information has been prepared in accordance with our understanding of Governmental Accounting Standards No. 25 and No. 27 (as amended by No. 50). This report does not contain accounting information prepared in accordance with Governmental Accounting Standards No. 67 and No. 68, which will become effective for financial statements for fiscal years beginning after June 15, 2013.

To the best of our knowledge this actuarial statement is complete and accurate and has been prepared in accordance with generally accepted actuarial principles and practice and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with our understanding of the requirements of Indiana state law. The undersigned actuaries are members of the Society of Actuaries and other professional organizations, including the American Academy of Actuaries, and meet the Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States relating to pension plans. There is no relationship between the PwC practitioners involved in this engagement and INPRS that may impair our objectivity.

This document was not intended or written to be used, and it cannot be used, for the purpose of avoiding U.S. federal, state, or local tax penalties. This includes penalties that may apply if the transaction that is the subject of this document is found to lack economic substance or fails to satisfy any other similar rule of law. This document has been prepared pursuant to an engagement letter between INPRS and PFC, and is intended solely for the use and benefits of INPRS and not for reliance by any other person.

Respectfully submitted,


# ACTUARIAL SECTION 

November 28, 2012

## The Board of Trustees <br> Indiana Public Retirement System Indianapolis, IN

## Dear Board Members:

An actuarial valuation is prepared annually for the Indiana State Teachers' Retirement Fund. Submitted in this report are the results of the June 30, 2012 actuarial valuation.

## Census Data and Asset Information

The member census data and the asset information for this valuation were furnished by the Chief Financial Officer and Staff. Their efforts and cooperation in furnishing these materials are acknowledged with appreciation. We did not audit the information provided, but we did review it thoroughly for reasonableness and compared it with the prior year's submission for consistency.

## Assumptions and Methods

The actuarial assumptions used in the June 30, 2012 valuation were adopted by the Board on June 29, 2012, pursuant to the Experience Study of 2012, which reflects the experience period from July 1, 2007 to June 30,2011 . The interest rate and mortality assumptions were approved by the Board on June 29, 2012 for first use in the 2012 valuation. In addition, minor changes were also made to the retirement, withdrawal, and pay increase assumptions based on the Experience Study of 2012. Assumptions are summarized in the Assumptions and Methods section of this report. These assumptions and methods have been used to develop the Annual Required Contribution and are consistent with the accounting requirements detailed in GASB Statements No. 25, No. 27, and No. 50.

## Funding Objective

The Indiana State Teachers' Retirement Fund Pre-1996 Account is funded on a pay-as-you-go basis from the State of Indiana.

The funding objective of the Indiana State Teachers' Retirement Fund 1996 Account is to establish and receive contributions that, when invested at the assumed rate of return, will ultimately accumulate assets over each member's working lifetime that will be sufficient to pay expected retirement allowances. As such, an employer contribution rate is calculated each year. That rate is then considered in conjunction with the goal of maintaining a relatively stable contribution over time.

## Fund Structure

The Indiana State Teachers' Retirement Fund (TRF) is one fund comprised of a two-account structure in compliance with Indiana Code Section 5-10.4-2-2:

1. The Pre-1996 Account consists of members who were hired prior to July 1, 1995, and who have maintained continuous employment with the same school corporation or covered institution since that date.
2. The 1996 Account consists of members who were:
a. hired on or after July 1, 1995; or
b. hired before July 1, 1995, and prior to June 30, 2005:
i. were either hired by another school corporation or institution covered by TRF, or
ii. were re-hired by a covered prior employer.

## Characteristics of the Pre-1996 Account

1. Active membership in the Pre-1996 Account continues to decline as members quit, become disabled, die, or retire.
2. The Defined Benefits from the Pre-1996 Account are funded by State appropriations (including contributions of some revenue from the State Lottery). At the time of retirement, Annuity Savings Account (ASA) benefits payable from the Pre-1996 Account are funded by the annuitization of Pre1996 Account member contributions.

## Characteristics of the 1996 Account

1. As members depart from active service in the Pre-1996 Account, their replacements will become members of the 1996 Account. If the 1996 Account were a stand-alone plan, this pattern of departures and hirings would produce a fairly constant population size.
2. Defined Benefits payable from the 1996 Account are funded by contributions from local school corporations or other institutions that employ covered members. At the time of retirement, ASA benefits payable from the 1996 Account are funded by the annuitization of 1996 Account member contributions.

## Funding Arrangements

Prior to the legislation that established the two-account structure of TRF, the Defined Benefits of the Indiana State Teachers' Retirement Fund were funded with a pay-as-you-go method. Under this arrangement, amounts were appropriated to meet the current year's pension payment requirements. Defined Benefits payable from the Pre-1996 Account continue to be funded on this basis.

In 1995, the Pension Stabilization Fund was set up for the Pre-1996 Account. Since then, some pre-funding progress has been made via State appropriations to this account.

Defined Benefits payable from the 1996 Account are funded through employer percent-of-pay contributions. The Board of the Indiana Public Retirement System sets this contribution rate after reviewing the most recent actuarial valuation report.

The contribution rate of $7.50 \%$ for fiscal year 2013 was set by the Board in fiscal year 2012 for the 1996 Account. The contribution rate of $7.50 \%$ for fiscal year 2014 was set by the Board in fiscal year 2013.

## Progress Toward Realization of Financing Objectives

The funded ratio (the ratio of the actuarial value of assets to the actuarial accrued liability) is a standard measure of a Plan's funded status. In the absence of benefit improvements, it should increase over time, until it reaches 100\%. The total funded ratio for the Plan (Pre-1996 Account and 1996 Account combined) decreased by $1.1 \%$, to $42.7 \%$ from $43.8 \%$ for the preceding year due primarily to the reduction in the interest rate assumption from $7.0 \%$ to $6.75 \%$, and $2009-2012$ investment returns being lower than the actuarial assumed returns.

The funded ratio of the Pre-1996 Account (pay-as-you-go) decreased to $30.1 \%$ from $32.0 \%$ for the preceding year. Based on the actuarial assumptions, it is anticipated that the Pre-1996 Account will attain 100\% funded status in FY2036.

The funded ratio of the 1996 Account decreased to $90.7 \%$ from $91.7 \%$ for the preceding year. Based on the actuarial assumptions, it is anticipated that the 1996 Account will attain 100\% funded status in FY2021.

## Certification

We have included several schedules and exhibits in this report, including the following:
Summary of Actuarial Assumptions and Methods
Analysis of Financial Experience
Solvency Test
Schedule of Active Members' Valuation Data
Schedule of Retired Members and Beneficiaries
Schedule of Funding Progress
Schedule of Employer Contributions
The valuation was completed under the supervision of a Member of the American Academy of Actuaries with significant experience in valuing employee retirement systems, and was prepared using generally accepted actuarial principles and in accordance with standards of practice prescribed by the Actuarial Standards Board. To the best of our knowledge, this report is complete and accurate and the actuarial methods and assumptions produce results that are reasonable.

Respectfully submitted,


Jomp L. Dowell, FSA, EA, MAAA
,
JD/Imw

nyhart
as of June 30, 2012
The actuarial assumptions and methods used in the June 30, 2012 valuations for the following Defined Benefit retirement plans were adopted by the INPRS Board in June 2012:

- Public Employees' Retirement Fund (PERF)
- Teachers' Retirement Fund (TRF)
- 1977 Police Officers' and Firefighters' Pension and Disability Fund (1977 Fund)
- Judges' Retirement System (JRS)

■ State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan (E,G,\&C Plan)

- Prosecuting Attorneys' Retirement Fund (PARF)
- Legislators' Defined Benefit Plan (LEDB Plan)

It should be noted that the actuarial assumptions and methods are based primarily on plan experience from July 1, 2005 to June 30, 2010 for all the aforementioned Defined Benefit retirement plans except TRF (Note: adopted by INPRS Board in September 2011), and based on plan experience from July 1, 2007 to June 30, 2011 for TRF (Note: adopted by INPRS Board in June 2012).

## Changes in Actuarial Assumptions:

For the June 30, 2012 actuarial valuations, the INPRS Board approved the following assumption changes:

- Interest Rate / Investment Return Assumption
- All plans: Reduced from 7.0 percent to 6.75 percent.
- Mortality Assumption (Healthy and Disabled)
- All plans: Changed from the IRS 2008 Static Mortality Table projected forward five (5) years with Scale AA to the IRS 2013 Static Mortality Table projected forward five (5) years with Scale AA.
- Future Salary Increases Assumption
- TRF: Decreased slightly to reflect experience.
- Retirement Assumption Rates
- TRF: Adjusted to reflect recent experience.
- Termination Assumption Rates
- TRF: Adjusted to reflect recent experience.

For the June 30, 2011 actuarial valuations, the INPRS Board approved the following assumption changes:

- Future Salary Increases Assumption
- PERF: Changed from 4.0 percent per year to age-based ranging from 3.25 percent to 4.5 percent.
- 1977 Fund: Decreased from 4.0 percent per year to 3.25 percent per year.
- E,G,\&C Plan: Decreased from 4.5 percent to 3.25 percent.
- Retirement Assumption Rates
- PERF: Decreased slightly to reflect experience.
- 1977 Fund: Changed from age-based to age- and service-based, to reflect the service cap in the benefit formula and reflect recent experience.
- JRS: Increased at ages 65-74 to reflect recent experience.
- E,G,\&C Plan: Increased at ages 55,56 and 59 to reflect recent experience.
- PARF: Increased to 20 percent for ages 62-64 to reflect recent experience.
- Disability Assumption Rates
- 1977 Fund: Adjusted to reflect recent experience.


## - Termination Assumption Rates

- PERF: Increased to reflect recent experience and are now based on salary above or below \$20,000.
- 1977 Fund: Changed from age-based to service-based rates and slightly increased to reflect recent experience.
- JRS: Increased for ages $38-65$ from 4.0 percent to 7.0 percent to reflect recent experience.
- Marriage Assumption
- PERF: Changed from 90 percent of members assumed to be married or to have a dependent beneficiary, to 75 percent of male members and 60 percent of female members assumed to be married or to have a dependent beneficiary.
- 1977 Fund: Changed from 90 percent of members assumed to be married or to have a dependent beneficiary, to 80 percent of male members and 50 percent of female members assumed to be married or to have a dependent beneficiary.
- Age Difference Assumption
- PERF: Changed from male members assumed to be three (3) years older than their spouses and female members assumed to be three (3) years younger than their spouses, to male members assumed to be three (3) years older than their spouses and female members assumed to be two (2) years younger than their spouses.
- 1977 Fund: Changed from male members assumed to be three (3) years older than their spouses and female members assumed to be three (3) years younger than their spouses, to male members assumed to be three (3) years older than their spouses and female members assumed to be the same age as their spouses.
- JRS: Changed from males assumed to be three (3) years older than their spouses and female members assumed to be three (3) years younger than their spouses, to male members assumed to be four (4) years older than their spouses and female members assumed to be two (2) years younger than their spouses.
- Annuity Savings Account (ASA) Withdrawal Assumption
- PERF: Changed from 100 percent of inactive members assumed to withdraw their ASA balances immediately, to 100 percent of inactive non-vested members assumed to withdraw their ASA balances immediately, 50 percent of inactive vested members assumed to withdraw their ASA balances immediately, and 50 percent of inactive vested members assumed to annuitize their ASA balances upon commencement of their employer funded annuity benefit.


## Changes in Actuarial Methods:

There were no changes in actuarial methods since the June 30, 2011 actuarial valuations.

For the June 30, 2011 actuarial valuations, the INPRS Board approved the following method changes:

## - Contribution Rate Smoothing Rules

- PERF: At the December 16, 2011 meeting, the INPRS Board resolved to discontinue the use of as of June 30, 2012
contribution rate smoothing rules previously in effect. Based on the June 30, 2011 valuation results, the contribution rate (effective July 1, 2012) approved for the State is equal to the True Rate for the State, rounded up to the next tenth of a percent. For Political Subdivisions, the INPRS Board approved to begin migration to a single rate for all PERF employers. For Political Subdivisions contributing less than the Composite Rate (aggregate True Rate equal to 10 percent for fiscal year 2013) during fiscal year 2012, the contribution rate will increase no more than 1.5 percent, to a maximum of the Composite Rate during fiscal year 2013. For Political Subdivisions contributing more than or equal to the Composite Rate during fiscal year 2012, will contribute the Composite Rate during fiscal year 2013.
- 1977 Fund; E,G,\&C Plan; PARF: At the December 16, 2011 meeting, the INPRS Board resolved to discontinue the use of contribution rate smoothing rules.


## Changes in Plan Provisions:

There were no changes in plan provisions since the June 30, 2010 actuarial valuations.

## Actuarial Cost Method:

For all systems except the LEDB Plan, the actuarial cost method is Entry Age Normal - Level Percent of Payroll. For the LEDB Plan, the actuarial cost method is Traditional Unit Credit.

For all systems except the LEDB Plan, the normal cost is calculated separately for each active member and is equal to the level percentage of payroll needed as an annual contribution from entry age to retirement age to fund projected benefits. The actuarial accrued liability on any valuation date is the accumulated value of such normal costs from entry age to the valuation date. For the LEDB Plan, the normal cost is calculated separately for each active member and is equal to actuarial present value of additional benefits expected to be accrued during the year following the valuation date. The actuarial accrued liability on any valuation date is the actuarial present value of the benefits earned for service prior to the valuation date.

Gains and losses occurring from census experience different than assumed, assumption changes, and benefit changes are amortized over a 30-year period with level payments each year. A new gain or loss base is established each year based on the additional gain or loss during that year and that base is amortized over a new 30 -year period. The purpose of the method is to give a smooth progression of the costs from year-to-year and, at the same time, provide for an orderly funding of the unfunded liabilities.

## Asset Valuation Method:

Actuarial Value of Assets is equal to a four-year smoothing of gains and losses on the Market Value of Assets subject to a 20 percent corridor. Accordingly, the Actuarial Value of Assets is limited to no more than 20 percent greater than or 20 percent less than the Market Value of Assets.

# ACTUARIALSECTION as of June 30, 2012 

## Public Employees' Retirement Fund <br> June 30, 2012 Actuarial Valuation

## Economic Assumptions

Interest Rate / Investment Return:
Cost of Living Increases:
Future Salary Increases:

Inflation:

## Demographic Assumptions

Mortality (Healthy and Disabled):
Retirement:
6.75 percent (net of administrative and investment expenses)
1.0 percent per year in retirement

Based on 2005-2010 experience. Illustrative rates shown below:

| Age | Inflation | Productivity, Merit and Promotion | Total Individual Salary Growth |
| :---: | :---: | :---: | :---: |
| $<31$ | 3.00\% | 1.50\% | 4.50\% |
| 31-45 | 3.00 | 1.00 | 4.00 |
| 46-60 | 3.00 | 0.50 | 3.50 |
| $>=61$ | 3.00 | 0.25 | 3.25 |

3.0 percent per year

2013 IRS Static Mortality projected five (5) years with Scale AA Based on PERF experience 2005-2010. Illustrative rates shown below:

| Age | Service |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 15 | 20 | 30 | $31+$ |
| 50 | -\% | 4\% | 4\% | 4\% | 4\% |
| 55 | - | 7 | 7 | 12 | 7 |
| 60 | - | 10 | 10 | 10 | 10 |
| 65 | 30 | 30 | 30 | 30 | 30 |
| 70 | 25 | 25 | 25 | 25 | 25 |
| $75+$ | 100 | 100 | 100 | 100 | 100 |

Select and ultimate tables based on 2005-2010 experience. Illustrative rates shown below:

| Age | Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1 | 2 | 3 | 4 | $5+$ |
| 20 | 57\% | 40\% | 23\% | 19\% | 17\% | 13\% |
| 30 | 56 | 34 | 21 | 17 | 15 | 11 |
| 40 | 55 | 29 | 18 | 15 | 13 | 9 |
| 50 | 55 | 24 | 15 | 13 | 11 | 6 |
| $60+$ | 55 | 20 | 12 | 10 | 9 | 4 |

# ACTUARIALSECTION as of June 30, 2012 

## Public Employees' Retirement Fund <br> June 30, 2012 Actuarial Valuation

State (Male)
Earnings $>=\$ 20,000$

Service

| Age | 0 | 1 | 2 | 3 | 4 | $5+$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 43\% | 26\% | 13\% | 10\% | 9\% | 7\% |
| 30 | 39 | 20 | 12 | 9 | 8 | 6 |
| 40 | 36 | 16 | 11 | 8 | 7 | 5 |
| 50 | 36 | 14 | 9 | 7 | 7 | 4 |
| $60+$ | 37 | 13 | 8 | 6 | 6 | 3 |

Service

| Age | 0 | 1 | 2 | 3 | 4 | $5+$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 57\% | 40\% | 26\% | 26\% | 21\% | 16\% |
| 30 | 54 | 36 | 23 | 23 | 19 | 14 |
| 40 | 54 | 32 | 20 | 19 | 16 | 11 |
| 50 | 54 | 29 | 17 | 15 | 13 | 8 |
| $60+$ | 54 | 25 | 15 | 11 | 11 | 6 |

Service

| Age | 0 | 1 | 2 | 3 | 4 | $5+$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 43\% | 25\% | 14\% | 14\% | 11\% | 8\% |
| 30 | 36 | 22 | 13 | 12 | 10 | 7 |
| 40 | 35 | 19 | 12 | 10 | 9 | 6 |
| 50 | 35 | 17 | 10 | 9 | 7 | 5 |
| $60+$ | 36 | 16 | 9 | 7 | 6 | 4 |

Political Subdivisions (Male)
Earnings < \$20,000

| Age | 0 | 1 | 2 | 3 | 4 | $5+$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 33\% | 25\% | 13\% | 12\% | 10\% | 7\% |
| 30 | 29 | 21 | 11 | 10 | 9 | 6 |
| 40 | 28 | 17 | 10 | 8 | 8 | 5 |
| 50 | 26 | 14 | 8 | 7 | 6 | 4 |
| $60+$ | 25 | 11 | 6 | 5 | 5 | 3 |

Service

| Age | 0 | 1 | 2 | 3 | 4 | $5+$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | 30\% | 19\% | 7\% | 7\% | 5\% | 4\% |
| 30 | 22 | 14 | 7 | 6 | 5 | 4 |
| 40 | 22 | 11 | 6 | 5 | 4 | 3 |
| 50 | 21 | 10 | 5 | 5 | 4 | 3 |
| $60+$ | 20 | 9 | 4 | 4 | 3 | 2 |

## Public Employecs' Retirement Fund <br> June 30, 2012 Actuarial Valuation

Political Subdivisions (Female)
Earnings < \$20,000

Political Subdivisions (Female)
Earnings > = \$20,000

| Age | Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1 | 2 | 3 | 4 | $5+$ |
| 20 | 36\% | 30\% | 16\% | 12\% | 11\% | 8\% |
| 30 | 32 | 25 | 14 | 11 | 10 | 7 |
| 40 | 32 | 21 | 12 | 10 | 9 | 5 |
| 50 | 31 | 18 | 9 | 8 | 7 | 4 |
| $60+$ | 30 | 14 | 7 | 6 | 5 | 3 |

Service

| Age | 0 | 1 | 2 | 3 | 4 | $5+$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | $31 \%$ | 21 \% | 10\% | 8\% | 7\% | 4\% |
| 30 | 24 | 16 | 9 | 7 | 6 | 4 |
| 40 | 23 | 14 | 8 | 6 | 5 | 3 |
| 50 | 23 | 12 | 7 | 6 | 5 | 3 |
| $60+$ | 23 | 11 | 6 | 5 | 4 | 2 |

Based on 2000-2005 experience for males and 1995-2000 experience for females.

Recent experience has been consistent.
Illustrative rates shown below:

| Age | Male | Female |
| :---: | :--- | :--- |
|  | $0.007 \%$ | 0.021 |
| 40 | 0.065 | $0.016 \%$ |
| 50 | 0.201 | 0.050 |
| 60 | 0.622 | 0.156 |
| 70 | 0.100 | 0.488 |
| 80 | 0.000 | 0.100 |
|  |  | 0.000 |

Spouse/Beneficiary:
75 percent of male members and 60 percent of female members are assumed to be married and or to have a dependent beneficiary. Male members are assumed to be three (3) years older than their spouses and female members are assumed to be two (2) years younger than their spouses.

## Public Employees' Retirement Fund <br> June 30, 2012 Actuarial Valuation

ASA Withdrawal:

For active members who are expected to terminate prior to becoming vested (before 10 years of service), 100 percent of such members are assumed to withdraw their ASA balance immediately upon termination. For all other active members, it is assumed that 50 percent of such members withdraw their ASA balance immediately upon termination and 50 percent of such members annuitize their ASA balance upon commencement of their employer funded annuity benefit.

For inactive members who are not vested, 100 percent of such members are assumed to withdraw their ASA balance immediately. For inactive members who are vested, it is assumed that 50 percent of such members withdraw their ASA balance immediately and 50 percent of such members annuitize their ASA balance upon commencement of their employer funded annuity benefit.

# ACTUARIAL SECTION as of June 30, 2012 

## Teachers' Retirement Fund <br> June 30, 2012 Actuarial Valuation

## Economic Assumptions

Interest Rate / Investment Return:
Cost of Living Increases:
Future Salary Increases:

Inflation:

## Demographic Assumptions

Mortality (Healthy and Disabled):
Retirement:
6.75 percent (net of administrative and investment expenses)
1.0 percent per year in retirement

Based on TRF 2007-2011 experience. Illustrative rates shown below:

Total
Individual

| Years of Service | Inflation | Merit \& Seniority | Individual Salary Growth |
| :---: | :---: | :---: | :---: |
| 1 | 3.00\% | 9.50\% | 12.50\% |
| 5 | 3.00 | 4.00 | 7.00 |
| 10 | 3.00 | 2.75 | 5.75 |
| 15 | 3.00 | 1.50 | 4.50 |
| 20 | 3.00 | 0.25 | 3.25 |
| 25 | 3.00 | - | 3.00 |
| 30 | 3.00 | - | 3.00 |
| 35 | 3.00 | - | 3.00 |
| 40 | 3.00 | - | 3.00 |

3.0 percent per year

2013 IRS Static Mortality projected five (5) years with Scale AA Based on TRF 2007-2011 experience. Sample probabilities are shown on the next page:

# ACTUARIALSECTION as of June 30, 2012 

## Teachers' Retirement Fund <br> June 30, 2012 Actuarial Valuation

Retirement, cont.

Termination:
Based on TRF 2007-2011 experience. Sample probabilities are shown below:

| Service Based |  |  | Age Based ${ }^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Years of Service | Male | Female | Attained Age | Male | Female |
| 0 | 35.0\% | 35.0\% | 25 | 2.0\% | 3.5\% |
| 1 | 14.0 | 14.0 | 30 | 2.0 | 3.5 |
| 2 | 11.0 | 11.0 | 35 | 2.0 | 3.0 |
| 3 | 8.0 | 9.0 | 40 | 2.0 | 2.0 |
| 4 | 6.0 | 8.0 | 45 | 2.0 | 2.0 |
| 5 | 4.5 | 7.0 | 50 | 2.0 | 2.0 |
| 6 | 4.0 | 6.0 | 55 | 2.0 | 2.0 |
| 7 | 4.0 | 5.0 | 60 | 2.0 | 2.0 |
| 8 | 3.5 | 4.5 |  |  |  |
| 9 | 3.5 | 4.0 |  |  |  |

[^19]
## Teachers' Retirement Fund <br> June 30, 2012 Actuarial Valuation

Disability:

Spouse/Beneficiary:
Based on TRF 2007-2011 experience. Sample probabilities are shown below:

| Age | Male | Female |  |
| :---: | :--- | :--- | :--- |
|  | $0.01 \%$ | 0.01 | $0.01 \%$ |
| 30 | 0.01 | 0.01 |  |
| 35 | 0.01 | 0.01 |  |
| 40 | 0.02 | 0.01 |  |
| 45 | 0.05 | 0.02 |  |
| 50 | 0.09 | 0.05 |  |
| 55 | 0.10 | 0.09 |  |
| 60 |  | 0.10 |  |

100 percent of active and deferred vested members are assumed to be married.

Male spouses are assumed to be three (3) years older than female spouses.

# 1977 Police Officers' and Firefighters' Pension and Disability Fund June 30, 2012 Actuarial Valuation 

## Economic Assumptions

Interest Rate / Investment Return: Interest on Member Contributions:

Cost of Living Increases:
Future Salary Increases:
Inflation:

## Demographic Assumptions

Mortality (Healthy and Disabled):
Retirement:
6.75 percent (net of administrative and investment expenses)
5.5 percent per year
2.25 percent per year in retirement
3.25 percent per year
3.0 percent per year

2013 IRS Static Mortality projected five (5) years with Scale AA Based on 2005-2010 experience. Illustrative rates shown below:

| Ages | Service $<\mathbf{3 2}$ | Service $>=\mathbf{3 2}$ |
| :---: | :---: | :---: |
|  | $10 \%$ | $100 \%$ |
| $52-57$ | 10 | 20 |
| $58-61$ | 15 | 20 |
| $62-64$ | 20 | 20 |
| $65-69$ | 50 | 50 |
| $70+$ | 100 | 100 |

Termination:
Based on 2005-2010 experience. Illustrative rates shown below:

| Service | Rate | Service | Rate |
| :---: | :---: | :---: | :---: |
| 0 | 40.0\% | 7-9 | 2.0\% |
| 1 | 20.0 | 10-14 | 1.5 |
| 2 | 5.0 | 15-19 | 1.0 |
| 3 | 4.0 | $20+$ | 1.5 |
| 4 | 3.5 |  |  |
| 5 | 3.0 |  |  |
| 6 | 2.5 |  |  |

Disability:
Based on 2005-2010 experience. Illustrative rates shown below:

| Age | Rate |  |
| :---: | :--- | :--- |
| 20 |  | $0.000 \%$ |
| 25 | 0.075 |  |
| 30 | 0.150 |  |
| 35 | 0.200 |  |
| 40 | 0.400 |  |
| $45+$ | 0.700 |  |

# 1977 Police Officers' and Firefighters' <br> Pension and Disability Fund <br> June 30, 2012 Actuarial Valuation 

Spouse/Beneficiary:

Disability Retirement:

80 percent of male members and 50 percent of female members are assumed to be married or to have a dependent beneficiary. Male members are assumed to be three (3) years older than females and female members are assumed to be the same age as males.

For members hired after 1989 that become disabled, impairments are assumed to be 45 percent Class 1 (at 65 percent of salary), 10 percent Class 2 (at 50 percent of salary), and 45 percent Class 3 (at 36 percent of salary).

Of active member deaths, 10 percent are assumed to be in the line of duty and 90 percent are other than in the line of duty. Additionally, all deaths among retired and disabled members are other than in line of duty.

# ACTUARIALSECTION as of June 30, 2012 

## Judges' Retirement System June 30, 2012 Actuarial Valuation

## Economic Assumptions

Interest Rate / Investment Return:
Cost of Living Increases:
Future Salary Increases:
Inflation:

## Demographic Assumptions

Mortality (Healthy and Disabled):
Retirement:
6.75 percent (net of administrative and investment expenses)
4.0 percent per year in deferral and retirement
4.0 percent per year
3.0 percent per year

2013 IRS Static Mortality projected five (5) years with Scale AA Based on 2005-2010 experience. Rates shown below:

| Age | Rate | Age | Rate |
| :---: | :---: | :---: | :---: |
| 55-61 | 20\% | 65 | 50\% |
| 62 | 25 | 66-74 | 30 |
| 63 | 15 | $75+$ | 100 |
| 64 | 10 |  |  |

Based on 2005-2010 experience. Rates shown below:

| Age |  | Rate |
| :---: | :---: | :---: |
| $20-37$ | $4 \%$ |  |
| $38-65$ |  | 7 |
| $66+$ | 4 |  |

1964 OASDI Table. Illustrative rates shown below:

| Age | Rate |  |
| :---: | :--- | :--- |
| 20 |  | $0.060 \%$ |
| 25 | 0.085 |  |
| 30 | 0.110 |  |
| 35 | 0.147 |  |
| 40 | 0.220 |  |
| 45 | 0.360 |  |
| 50 | 0.606 |  |
| 55 | 1.009 |  |
| 60 | 1.627 |  |
| $65+$ | 0.000 |  |

# ACTUARIAL SECTION <br> as of June 30, 2012 

## Judges' Retirement System <br> June 30, 2012 Actuarial Valuation

Spouse/Beneficiary:
90 percent of members are assumed to be married or to have a dependent beneficiary. Male members are assumed to be four (4) years older than their spouses and female members are assumed to be two (2) years younger than their spouses.

# ACTUARIALSECTION as of June 30, 2012 

State Excise Police, Gaming Agent, Gaming Control Officer and Conservation Enforcement Officers' Retirement Plan June 30, 2012 Actuarial Valuation

## Economic Assumptions

Interest Rate / Investment Return:
Cost of Living Increases:
Future Salary Increases:
Inflation:

## Demographic Assumptions

Mortality (Healthy and Disabled):
Retirement:
6.75 percent (net of administrative and investment expenses)
1.0 percent per year in retirement
3.25 percent per year
3.0 percent per year

2013 IRS Static Mortality projected five (5) years with Scale AA
Based on 2005-2010 experience. Illustrative rates shown below:

| Age | Rate | Age | Rate |
| :---: | :---: | :---: | :---: |
| 45 | 3\% | 54 | 4\% |
| 46-49 | 2 | 55-59 | 15 |
| 50 | 3 | 60-64 | 20 |
| 51-52 | 2 | $65+$ | 100 |
| 53 | 3 |  |  |

Sarason T-1 Table. Illustrative rates shown below:

| Age | Rate |  |
| :---: | :--- | :--- |
| 20 |  | $5.4384 \%$ |
| 25 | 4.8948 |  |
| 30 |  | 3.7020 |
| 35 |  | 2.3492 |
| 40 | 1.1283 |  |
| 45 | 0.2653 |  |
| $50+$ | 0.0000 |  |

State Excise Police, Gaming Agent, Gaming Control Officer and Conservation Enforcement Officers' Retirement Plan June 30, 2012 Actuarial Valuation

Disability:
150 percent of 1964 OASDI Table. Illustrative rates shown below:

| Age | Rate |  |
| :---: | :--- | :--- |
| 20 |  | $0.0900 \%$ |
| 25 | 0.1275 |  |
| 30 | 0.1650 |  |
| 35 | 0.2205 |  |
| 40 | 0.3300 |  |
| 45 | 0.5400 |  |
| 50 | 0.9090 |  |
| 55 | 1.5135 |  |
| 60 | 2.4405 |  |
| $65+$ | 0.0000 |  |

Spouse/Beneficiary:
100 percent of members are assumed to be married or to have a dependent beneficiary. Males are assumed to be five (5) years older than females.

# ACTUARIALSECTION as of June 30, 2012 

## Prosecuting Attorneys' Retirement Fund <br> June 30, 2012 Actuarial Valuation

## Economic Assumptions

Interest Rate / Investment Return:
Interest on Member Contributions:
Cost of Living Increases:
Future Salary Increases:
Inflation:

## Demographic Assumptions

Mortality (Healthy and Disabled):
Retirement:
2013 IRS Static Mortality projected five (5) years with Scale AA Based on 2005-2010 experience. Rates shown below:

| Age | Rate |
| :---: | :---: | :---: |
| 62 | $20 \%$ |
| 63 | 20 |
| 64 | 20 |
| 65 | 100 |

10 percent per year for all members prior to retirement eligibility.

Spouse/Beneficiary:
6.75 percent (net of administrative and investment expenses)
5.5 percent per year

N/A
4.0 percent per year
3.0 percent per year

Termination:
Disability:

Illustrative rates shown below:

| Age | Male |  | Female |  |
| :---: | :--- | :--- | :--- | :--- |
|  |  | $0.0067 \%$ |  | $0.0050 \%$ |
| 30 |  | 0.0208 |  | 0.0158 |
| 40 |  | 0.0646 |  | 0.0496 |
| 50 |  | 0.2005 |  | 0.1556 |
| 60 |  | 0.6220 |  | 0.4881 |
| 70 |  | 0.1000 |  | 0.1000 |
| $71+$ | 0.0000 |  | 0.0000 |  |

90 percent of participants are assumed either to be married or to have a dependent beneficiary.

Males are assumed to be three (3) years older than their spouses.

# ACTUARIALSECTION as of June 30, 2012 

## Legislators' Defined Benefit Plan <br> June 30, 2012 Actuarial Valuation

## Economic Assumptions

Interest Rate / Investment Return:
Cost of Living Increases:
Future Salary Increases:
Inflation:

## Demographic Assumptions

Mortality (Healthy and Disabled):
Retirement:
6.75 percent (net of administrative and investment expenses)
1.0 percent per year in retirement
3.0 percent per year
3.0 percent per year

2013 IRS Static Mortality projected five (5) years with Scale AA Retirement rates based on actual experience of current retirees.

Illustrative rates shown below:

| Age | Rate |  |
| :---: | :---: | :---: |
|  |  | $10 \%$ |
| $56-57$ | 8 |  |
| $58-61$ | 2 |  |
| $62-64$ | 5 |  |
| $65+$ | 100 |  |

Sarason T-2 Tables. Illustrative rates shown below:

| Age | Rate |
| :---: | :--- | :--- |
| 20 | $5.4384 \%$ |
| 25 | 5.2917 |
| 30 | 5.0672 |
| 35 | 4.6984 |
| 40 | 3.5035 |
| 45 | 1.7686 |
| 50 | 0.4048 |
| $55+$ | 0.0000 |

## Legislators' Defined Benefit Plan <br> June 30, 2012 Actuarial Valuation

Disability:
75 percent of 1964 OASDI Tables. Illustrative rates shown below:

| Age | Rate |
| :---: | :--- | :--- |
| 20 | $0.045 \%$ |
| 25 | 0.064 |
| 30 | 0.083 |
| 35 | 0.111 |
| 40 | 0.165 |
| 45 | 0.270 |
| 50 | 0.454 |
| 55 | 0.757 |
| 60 | 1.220 |
| $65+$ | 0.000 |

Spouse/Beneficiary:
90 percent of members are assumed to be married or to have a dependent beneficiary.

Males are assumed to be three (3) years older than females.

## Actuarial Valuations as of June 30, 2012 and June 30, 2011

(dollars in millions)

|  | Actuarial Valuation as of June 30, 2012 |  |  |  |  |  | Actuarial Valuation as of June 30, 2011 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Defined Benefit Retirement Plan |  | Actuarial Accrued Liability | Actuarial Value of Assets |  | Unfunded Actuarial Accrued Liability | Actuarial Funded Status |  | Actuarial Accrued Liability |  | Actuarial Value of Assets |  | Unfunded Actuarial Accrued Liability | Actuarial Funded Status |
| Public Employees' Retirement Fund | \$ | 15,784.2 | \$ 12,088.2 | \$ | 3,696.0 | 76.6\% |  | 14,913.1 |  | \$ 12,000.6 | \$ | 2,912.5 | 80.5\% |
| ```Teachers' Retirement Fund (TRF) - 1996 Account``` |  | 4,338.3 | 3,936.4 |  | 401.9 | 90.7 |  | 3,996.8 |  | 3,664.6 |  | 332.2 | 91.7 |
| 1977 Police Officers' and Firefighters' Pension and Disability Fund |  | 4,122.4 | 3,786.6 |  | 335.8 | 91.9 |  | 3,639.0 |  | 3,593.8 |  | 45.2 | 98.8 |
| Judges' Retirement System ${ }^{1}$ |  | 437.9 | 260.1 |  | 177.8 | 59.4 |  | 400.3 |  | 248.6 |  | 151.7 | 62.1 |
| State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan ${ }^{1}$ |  | 113.3 | 76.0 |  | 37.3 | 67.1 |  | 101.5 |  | 72.6 |  | 28.9 | 71.5 |
| Prosecuting Attorneys' Retirement Fund ${ }^{1}$ |  | 56.1 | 27.5 |  | 28.6 | 49.0 |  | 53.3 |  | 25.7 |  | 27.6 | 48.2 |
| Legislators' Defined Benefit Plan |  | 4.5 | 3.4 |  | 1.1 | 75.0 |  | 4.6 |  | 3.6 |  | 1.0 | 78.6 |
| Total INPRS (Excluding TRF Pre-1996 Account) | \$ | 24,856.7 | \$ 20,178.2 | \$ | 4,678.5 | 81.2\% |  | 23,108.6 |  | \$ 19,609.5 | \$ | 3,499.1 | 84.9\% |
| Teachers' Retirement Fund -Pre-1996 Account (Pay-As-You-Go) |  | 16,522.0 | 4,978.1 |  | 11,543.9 | 30.1 |  | 16,318.4 |  | 5,227.4 |  | 11,091.0 | 32.0 |
| Total INPRS (Including TRF Pre-1996 Account) |  | 41,378.7 | \$ 25,156.3 |  | \$16,222.4 | 60.8\% |  | 39,427.0 |  | \$ 24,836.9 | \$ | 14,590.1 | 63.0\% |
| Memo: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Teachers' Retirement Fund |  | 20,860.3 | \$ 8,914.5 |  | 11,945.8 | 42.7\% |  | 20,315.2 |  | \$ 8,892.0 | \$ | 11,423.2 | 43.8\% |

[^20]
# ACTUARIAL SECTION Sensitivity of Actuarial Valuations to Changes in Assumed Investment Return - Interest Rate 

## Actuarial Valuations as of Jue 30, 2012

INPRS Management and the INPRS Board continually monitor the Investment Return - Interest Rate assumption on an annual basis and make changes in this assumption as appropriate. The INPRS Board last changed the assumption in June 2012, reducing the assumption from 7.0 percent to 6.75 percent.

To illustrate the importance of the Investment Return - Interest Rate assumption, which is used to discount the actuarial liabilities of the INPRS Defined Benefit retirement plans, the Unfunded Actuarial Accrued Liability and Funded Status are shown below at 6.75 percent (current assumption), 7.5 percent ( 0.75 percent increase), and 8.0 percent (1.25 percent increase).

| (dollars in millions)$\begin{array}{r}\text { Defined Benefit } \\ \text { Retirement Plan }\end{array}$ | Current Assumption (6.75\%) |  |  | $\begin{gathered} \text { 0.75\% Increase } \\ \text { (7.5\%) } \end{gathered}$ |  | $\begin{aligned} & \text { 1.25\% Increase } \\ & \text { (8.0\%) } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | nfunded Actuarial Accrued Liability | Funded Status | Unfunded Actuarial Accrued Liability ${ }^{1}$ | Funded Status |  | Unfunded Actuarial Accrued Liability ${ }^{1}$ | Funded Status |
| PERF | \$ | 3,696.0 | 76.6\% | \$ 2,601.8 | 82.3\% |  | 1,946.8 | 86.1\% |
| TRF - 1996 Account |  | 401.9 | 90.7 | 13.9 | 99.6 |  | (220.1) | 105.9 |
| 1977 Fund |  | 335.8 | 91.9 | (102.3) | 102.8 |  | (358.7) | 110.5 |
| JRS |  | 177.8 | 59.4 | 142.6 | 64.6 |  | 121.6 | 68.1 |
| E,G,\&C Plan |  | 37.3 | 67.1 | 27.5 | 73.4 |  | 21.6 | 77.9 |
| PARF |  | 28.6 | 49.0 | 24.1 | 53.3 |  | 21.4 | 56.2 |
| LEDB Plan |  | 1.1 | 75.0 | 0.9 | 79.1 |  | 0.7 | 81.9 |
| Total INPRS (Exc/uding TRF Pre-1996 Account) | \$ | 4,678.5 | 81.2\% | \$ 2,708.5 | 88.2\% |  | 1,533.3 | 92.9\% |
| TRF - Pre-1996 Account (Pay-As-You-Go) |  | 11,543.9 | 30.1 | 10,567.4 | 32.0 |  | 9,953.1 | 33.3 |
| Total INPRS (Including TRF Pre-1996 Account) | \$ | 16,222.4 | 60.8\% | \$13,275.9 | 65.5\% |  | 11,486.4 | 68.7\% |
| Memo: |  |  |  |  |  |  |  |  |
| Total TRF | \$ | 11,945.8 | 42.7\% | \$10,581.3 | 45.7\% |  | 9,733.0 | 47.8\% |
| ${ }^{1}(1)=$ Funding Surplus |  |  |  |  |  |  |  |  |
| PERF $=$ Public Employees' Retirement Fund <br> TRF $=$ Teachers' Retirement Fund |  |  |  |  |  |  |  |  |
| 1977 Fund $=1977$ Police Officers' and Firefighters' Pension and Disability Fund JRS = Judges' Retirement System |  |  |  |  |  |  |  |  |
| E, G, \&C Plan = State Excise Police, Gaming Agent, Gan PARF $=$ Prosecuting Attorneys' Retirement Fund LEDB Plan $=$ Legislators' Defined Benefit Plan | $g$ | Control Offic | and Conserv | tion Enforcem | Officers' Retir | 寺 | ment Plan |  |

# actuarial section Results by Retirement Plan 

## Public Employecs' Retirement Fund



Actuarial Accrued Liability (AAL)

Actuarial Value of Assets (AVA)

Market Value of Assets (MVA)
-——A AVA Funded Status
$\square$ MVA Funded Status


Funded Percentage

| (dollars in millions) | Fiscal Year Ended June 30 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Actuarial Accrued Liability (AAL) | \$12,439.8 | \$13,103.2 | \$ 13,506.2 | \$ 14,506.1 | \$ 14,913.1 | \$ 15,784.2 |
| Actuarial Value of Assets (AVA) | \$12,220.9 | \$12,780.1 | \$ 12,569.3 | \$ 12,357.2 | \$ 12,000.6 | \$ 12,088.2 |
| Unfunded Liability (AAL - AVA) AVA Funded Status (AVA / AAL) | $\$$ 218.9 <br>  $98.2 \%$ |  323.1 <br>  $97.5 \%$ | $\$$ 936.9 <br>  $93.1 \%$ | $\begin{array}{r} \hline \$ 2,148.9 \\ 85.2 \% \end{array}$ | $\begin{array}{r} \hline \$ 2,912.5 \\ 80.5 \% \end{array}$ | $\begin{aligned} & \hline \$ \quad 3,696.0 \\ & 76.6 \% \end{aligned}$ |
| Market Value of Assets (MVA) | \$ 13,262.4 | \$12,073.5 | \$ 9,442.3 | \$ 10,581.3 | \$ 12,461.4 | \$ 12,243.8 |
| MVA Funded Status (MVA / AAL) | 106.6\% | 92.1\% | 69.9\% | 72.9\% | 83.6\% | 77.6\% |

# ACTUARIALSECTION 

 Results by Retirement Plan, continued
## Teachers' Retirement Fund - Pre-1996 Aceount



Fiscal Year Ended June 30

| (dollars in millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Actuarial Accrued Liability (AAL) | \$ 15,988.3 | \$15,792.3 | \$ 16,027.1 | \$ 16,282.1 | \$ 16,318.4 | \$ 16,522.0 |
| Actuarial Value of Assets (AVA) | \$ 5,763.5 | \$ 5,954.0 | \$ 5,109.1 | \$ 5,382.4 | \$ 5,227.4 | \$ 4,978.1 |
| Unfunded Liability (AAL - AVA) | \$ 10,224.8 | \$ 9,838.3 | \$ 10,918.0 | \$ 10,899.7 | \$ 11,091.0 | \$ 11,543.9 |
| AVA Funded Status (AVA / AAL) | 36.0\% | 37.7\% | 31.9\% | 33.1\% | 32.0\% | 30.1\% |
| Market Value of Assets (MVA) | \$ 6,106.4 | \$ 5,644.2 | \$ 4,655.9 | \$ 5,029.5 | \$ 5,345.9 | \$ 5,058.9 |
| MVA Funded Status (MVA / AAL) | 38.2\% | 35.7\% | 29.1\% | 30.9\% | 32.8\% | 30.6\% |

# ACTUABIAL SECTION 

 Results by Retirement Plan, continued
## Teachers' Retirement Fund - 1996 Actount

Actuarial Accrued Liability (AAL)
Actuarial Value of Assets (AVA)
Market Value of Assets (MVA)
$\square$ AVA Funded Status
$\square$ MVA Funded Status


| (dollars in millions) | Fiscal Year Ended June 30 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 |  | 2008 |  | 2009 |  | 2010 |  | 2011 |  | 2012 |  |
| Actuarial Accrued Liability (AAL) | \$ | 2,827.5 | \$ | 2,957.8 | \$ | 3,135.5 | \$ | 3,614.6 | \$ | 3,996.8 | \$ | 4,338.3 |
| Actuarial Value of Assets (AVA) | \$ | 2,713.0 | \$ | 3,080.1 | \$ | 2,920.7 | \$ | 3,422.6 | \$ | 3,664.6 | \$ | 3,936.4 |
| Unfunded Liability (AAL - AVA) | \$ | 114.5 | \$ | (122.3) | \$ | 214.8 | \$ | 192.0 | \$ | 332.2 | \$ | 401.9 |
| AVA Funded Status (AVA / AAL) |  | 96.0\% |  | 104.1\% |  | 93.1\% |  | 94.7\% |  | 91.7\% |  | 90.7\% |
| Market Value of Assets (MVA) | \$ | 2,874.4 | \$ | 2,919.8 | \$ | 2,543.2 | \$ | 3,111.3 | \$ | 3,775.8 | \$ | 4,018.2 |
| MVA Funded Status (MVA / AAL) |  | 101.7\% |  | 98.7\% |  | 81.1\% |  | 86.1\% |  | 94.5\% |  | 92.6\% | Results by Retirement Plan, continued

## Teachers' Retirement Fund - Total




| (dollars in millions) | Fiscal Year Ended June 30 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Actuarial Accrued Liability (AAL) | \$ 18,815.8 | \$18,750.1 | \$ 19,162.6 | \$ 19,896.7 | \$ 20,315.2 | \$ 20,860.3 |
| Actuarial Value of Assets (AVA) | \$ 8,476.5 | \$ 9,034.1 | \$ 8,029.8 | \$ 8,805.0 | \$ 8,892.0 | \$ 8,914.5 |
| Unfunded Liability (AAL - AVA) | \$ 10,339.3 | \$ 9,716.0 | \$ 11,132.8 | \$ 11,091.7 | \$ 11,423.2 | \$ 11,945.8 |
| AVA Funded Status (AVA / AAL) | 45.1\% | 48.2\% | 41.9\% | 44.3\% | 43.8\% | 42.7\% |
| Market Value of Assets (MVA) | \$ 8,980.8 | \$ 8,564.0 | \$ 7,199.1 | \$ 8,140.8 | \$ 9,121.7 | \$ 9,077.1 |
| MVA Funded Status (MVA / AAL) | 47.7\% | 45.7\% | 37.6\% | 40.9\% | 44.9\% | 43.5\% |

# ACTUABIAL SECTION 

 Results by Retirement Plan, continued
## 1977 Police Officers' and Firefighters' Pension and Disability Fund




| 0 |
| :--- |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |
| 1 |
| 1 |


| (dollars in millions) | Fiscal Year Ended June 30 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $2007{ }^{1}$ |  | $2008{ }^{1}$ |  | 2009 |  | 2010 |  | 2011 |  | 2012 |  |
| Actuarial Accrued Liability (AAL) | \$ | 2,889.3 | \$ | 3,150.8 | \$ | 3,332.7 | \$ | 3,639.6 | \$ | 3,639.0 | \$ | 4,122.4 |
| Actuarial Value of Assets (AVA) | \$ | 3,281.5 | \$ | 3,352.7 | \$ | 3,265.6 | \$ | 3,374.4 | \$ | 3,593.8 | \$ | 3,786.6 |
| Unfunded Liability (AAL - AVA) | \$ | (392.2) |  | (201.9) | \$ | 67.1 | \$ | 265.2 | \$ | 45.2 | \$ | 335.8 |
| AVA Funded Status (AVA / AAL) |  | 113.6\% |  | 106.4\% |  | 98.0\% |  | 92.7\% |  | 98.8\% |  | 91.9\% |
| Market Value of Assets (MVA) | \$ | 3,347.7 | \$ | 2,410.8 | \$ | 2,591.7 | \$ | 3,033.3 | \$ | 3,721.4 | \$ | 3,817.0 |
| MVA Funded Status (MVA / AAL) |  | 115.9\% |  | 76.5\% |  | 77.8\% |  | 83.3\% |  | 102.3\% |  | 92.6\% |

# ACTUARIAL SECTION <br> Historical Summary of Actuarial Valuation 

Results by Retirement Plan, continued

Judges' Retirement System²
Actuarial Accrued Liability (AAL)
Actuarial Value of Assets (AVA)
$\square$ Market Value of Assets (MVA)
$\square$ AVA Funded Status
$\square \square$ MVA Funded Status


|  | Fiscal Year Ended June 30 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (dollars in millions) | 2007 |  | 2008 |  | 2009 |  | 2010 |  | 2011 |  | 2012 |  |
| Actuarial Accrued Liability (AAL) | \$ | 284.0 | \$ | 338.8 | \$ | 330.6 | \$ | 364.1 | \$ | 400.3 | \$ | 437.9 |
| Actuarial Value of Assets (AVA) | \$ | 211.8 | \$ | 234.9 | \$ | 241.0 | \$ | 242.1 | \$ | 248.6 | \$ | 260.1 |
| Unfunded Liability (AAL - AVA) AVA Funded Status (AVA / AAL) | \$ | $\begin{aligned} & 72.2 \\ & 74.6 \% \end{aligned}$ | \$ | $\begin{gathered} 103.9 \\ 69.3 \% \end{gathered}$ | \$ | $\begin{aligned} & \hline 89.6 \\ & 72.9 \% \end{aligned}$ | \$ | $\begin{gathered} \hline 122.0 \\ 66.5 \% \end{gathered}$ | \$ | $\begin{aligned} & 151.7 \\ & 62.1 \% \end{aligned}$ | \$ | $\begin{aligned} & 177.8 \\ & 59.4 \% \end{aligned}$ |
| Market Value of Assets (MVA) | \$ | 233.4 | \$ | 219.4 | \$ | 179.4 | \$ | 208.4 | \$ | 257.0 | \$ | 262.3 |
| MVA Funded Status (MVA / AAL) |  | 82.2\% |  | 64.8\% |  | 54.3\% |  | 57.2\% |  | 64.2\% |  | 59.9\% |

[^21]Results by Retirement Plan, continued

## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan ${ }^{2}$





Fiscal Year Ended June 30

| (dollars in millions) | Fiscal Year Ended June 30 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 |  | 2008 |  | 2009 |  | 2010 |  | 2011 |  | 2012 |  |
| Actuarial Accrued Liability (AAL) | \$ | 74.4 | \$ | 77.2 | \$ | 89.3 | \$ | 97.8 | \$ | 101.5 | \$ | 113.3 |
| Actuarial Value of Assets (AVA) | \$ | 57.4 | \$ | 65.4 | \$ | 68.2 | \$ | 70.3 | \$ | 72.6 | \$ | 76.0 |
| Unfunded Liability (AAL - AVA) | \$ | 17.0 |  | 11.8 | \$ | 21.1 | \$ | 27.5 | \$ | 28.9 | \$ | 37.3 |
| AVA Funded Status (AVA / AAL) |  | 77.1\% |  | 84.7\% |  | 76.3\% |  | 71.9\% |  | 71.5\% |  | 67.1\% |
| Market Value of Assets (MVA) | \$ | 63.2 | \$ | 61.1 | \$ | 51.4 | \$ | 61.2 | \$ | 75.3 | \$ | 76.5 |
| MVA Funded Status (MVA / AAL) |  | 84.9\% |  | 79.1\% |  | 57.6\% |  | 62.5\% |  | 74.2\% |  | 67.5\% |

[^22]
# ACTUARIALSECTION Historical Summary of Actuarial Valuation 

 Results by Retirement Plan, continued
## Prosecuting Attorneys' Retirement Fund ${ }^{2}$




Funded Percentage

Fiscal Year Ended June 30

| (dollars in millions) | Fiscal Year Ended June 30 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 |  | 2008 |  | 2009 |  | 2010 |  | 2011 |  | 2012 |  |
| Actuarial Accrued Liability (AAL) | \$ | 32.0 | \$ | 38.1 | \$ | 44.6 | \$ | 49.2 | \$ | 53.3 | \$ | 56.1 |
| Actuarial Value of Assets (AVA) | \$ | 23.8 | \$ | 26.4 | \$ | 26.4 | \$ | 26.2 | \$ | 25.7 | \$ | 27.5 |
| Unfunded Liability (AAL - AVA) | \$ | 8.2 | \$ | 11.7 | \$ | 18.2 | \$ | 23.0 | \$ | 27.6 | \$ | 28.6 |
| AVA Funded Status (AVA / AAL) |  | 74.3\% |  | 69.2\% |  | 59.3\% |  | 53.2\% |  | 48.2\% |  | 49.0\% |
| Market Value of Assets (MVA) | \$ | 26.2 | \$ | 24.6 | \$ | 19.7 | \$ | 22.4 | \$ | 26.5 | \$ | 27.7 |
| MVA Funded Status (MVA / AAL) |  | 81.7\% |  | 64.7\% |  | 44.1\% |  | 45.6\% |  | 49.7\% |  | 49.4\% |

[^23]
# ACTUARIAL SECTION 

 Results by Retirement Plan, continued
## Legislators' Defined Benefit Plan




| (dollars in millions) | Fiscal Year Ended June 30 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 |  | 2008 |  | 2009 |  | 2010 |  | 2011 |  | 2012 |  |
| Actuarial Accrued Liability (AAL) | \$ | 5.2 | \$ | 5.0 | \$ | 5.1 | \$ | 4.9 | \$ | 4.6 | \$ | 4.5 |
| Actuarial Value of Assets (AVA) | \$ | 5.1 | \$ | 5.1 | \$ | 4.7 | \$ | 4.1 | \$ | 3.6 | \$ | 3.4 |
| Unfunded Liability (AAL - AVA) AVA Funded Status (AVA / AAL) | \$ | $\begin{gathered} \hline 0.1 \\ 97.4 \% \end{gathered}$ |  | $\begin{gathered} \text { (0.1) } \\ 101.6 \% \end{gathered}$ | \$ | $\begin{gathered} 0.4 \\ 93.0 \% \end{gathered}$ | \$ | $\begin{gathered} 0.8 \\ 83.0 \% \end{gathered}$ | \$ | $\begin{gathered} \hline 1.0 \\ 78.6 \% \end{gathered}$ | \$ | $\begin{gathered} \hline 1.1 \\ 75.0 \% \end{gathered}$ |
| Market Value of Assets (MVA) | \$ | 5.5 | \$ | 4.7 | \$ | 3.4 | \$ | 3.4 | \$ | 3.6 | \$ | 3.4 |
| MVA Funded Status (MVA / AAL) |  | 106.4\% |  | 92.8\% |  | 66.2\% |  | 69.2\% |  | 78.9\% |  | 75.2\% |

(dollars in thousands)

${ }^{1}$ UAAL: Unfunded Actuarial Accrued Liabilities
${ }^{2}$ Actuarial Assumption and Methodology Assumption Changes include:
For all plans, the change in the Interest Rate / Investment Return assumption from 7.0 percent to 6.75 percent.
For all plans, the change in the Mortality assumption from the 2008 IRS Static Mortality Table projected forward five (5) years to the 2013 IRS Static Mortality Table projected forward five (5) years.
For PERF, TRF, and the E,G,\&C Plan, a one-time payment (i.e., 13th Check) was paid to benefit recipients in September 2012 in lieu of the 1.0 percent COLA assumption.
For TRF, changes to the Future Salary Increase, Retirement, and Termination assumptions to reflect recent experience.
For the 1977 Fund, a 2.8 percent COLA was paid to benefit recipients in July 2012, rather than the assumed COLA of 2.25 percent.
For the Judges Retirement System, a 2.2 percent COLA was paid to benefit recipients in July 2012, rather than the assumed COLA of 4.0 percent.
For the LEDB Plan, there was no COLA paid to benefit recipients versus than the assumed COLA of 1.0 percent.

## ACTUARIALSECTION

Solvency Test
(dollars in thousands)

|  | Actuarial Accrued Liabilities |  |  |  | Actuarial Value of Assets | Portion of Actuarial Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year <br> Ended <br> June 30 | Active Member Contributions | Retirees and Beneficiaries | Active Member (Employer Financed Portion) | Total <br> Actuarial <br> Accrued <br> Liabilities |  | Active Member Contributions | Retirees and Beneficiaries | Active Member (Employer Financed Portion) | Total Actuarial Accrued Liabilities |

## Public Employees' Retirement Fund

| 2007 | $\$ 2,707,176$ | $\$ 4,007,389$ | $\$ 5,725,233$ | $\$ 12,439,798$ | $\$ 12,220,934$ | $100.0 \%$ | $100.0 \%$ | $96.2 \%$ | $98.2 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2008 | $2,694,331$ | $4,227,366$ | $6,181,524$ | $13,103,221$ | $12,780,116$ | 100.0 | 100.0 | 94.8 | 97.5 |
| 2009 | $2,669,318$ | $4,611,257$ | $6,225,705$ | $13,506,280$ | $12,569,336$ | 100.0 | 100.0 | 85.0 | 93.1 |
| 2010 | $2,780,570$ | $4,931,592$ | $6,793,890$ | $14,506,052$ | $12,357,199$ | 100.0 | 100.0 | 68.4 | 85.2 |
| 2011 | $2,805,023$ | $5,370,786$ | $6,737,338$ | $14,913,147$ | $12,000,586$ | 100.0 | 100.0 | 56.8 | 80.5 |
| 2012 | $2,749,449$ | $5,895,779$ | $7,139,012$ | $15,784,240$ | $12,088,225$ | 100.0 | 100.0 | 48.2 | 76.6 |

## Teachers' Retirement Fund - Pre-1996 Aceount

| 2007 | $\$, 016,052$ | $\$ 7,063,889$ | $\$ 5,908,318$ | $\$ 15,988,259$ | $\$ 5,763,508$ | $100.0 \%$ | $38.9 \%$ | $0.0 \%$ | $36.0 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2008 | $2,613,138$ | $7,244,422$ | $5,934,745$ | $15,792,305$ | $5,953,991$ | 100.0 | 46.1 | 0.0 | 37.7 |
| 2009 | $2,389,886$ | $7,891,346$ | $5,745,861$ | $16,027,093$ | $5,109,086$ | 100.0 | 34.5 | 0.0 | 31.9 |
| 2010 | $2,353,715$ | $8,153,240$ | $5,775,111$ | $16,282,066$ | $5,382,410$ | 100.0 | 37.1 | 0.0 | 33.1 |
| 2011 | $2,015,580$ | $8,776,916$ | $5,525,908$ | $16,318,404$ | $5,227,402$ | 100.0 | 36.6 | 0.0 | 32.0 |
| 2012 | $1,782,353$ | $9,451,792$ | $5,287,870$ | $16,522,015$ | $4,978,107$ | 100.0 | 33.8 | 0.0 | 30.1 |

Teachers' Retirement Fund - 1996 Aceount

|  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 | $\$$ | 656,918 | $\$$ | 449,452 | $\$ 1,721,184$ | $\$ 2,827,554$ | $\$ 2,713,051$ | $100.0 \%$ | $100.0 \%$ | $93.3 \%$ | $96.0 \%$ |
| 2008 | 649,840 | 514,933 | $1,792,985$ | $2,957,758$ | $3,080,057$ | 100.0 | 100.0 | 100.0 | 104.1 |  |  |
| 2009 | 655,843 | 432,942 | $2,046,748$ | $3,135,533$ | $2,920,735$ | 100.0 | 100.0 | 89.5 | 93.1 |  |  |
| 2010 | 750,575 | 483,117 | $2,380,867$ | $3,614,559$ | $3,422,554$ | 100.0 | 100.0 | 91.9 | 94.7 |  |  |
| 2011 | 840,341 | 562,445 | $2,594,053$ | $3,996,839$ | $3,664,657$ | 100.0 | 100.0 | 87.2 | 91.7 |  |  |
| 2012 | 882,942 | 662,558 | $2,792,809$ | $4,338,309$ | $3,936,455$ | 100.0 | 100.0 | 85.6 | 90.7 |  |  |

## Teachers' Retirement Fund - Total

|  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | :--- | :--- | :--- |
| 2007 | $3,672,970$ | $\$ 7,513,341$ | $\$ 7,629,502$ | $\$ 18,815,813$ | $\$ 8,476,559$ | $100.0 \%$ | $63.9 \%$ | $0.0 \%$ | $45.1 \%$ |
| 2008 | $3,262,978$ | $7,759,355$ | $7,727,730$ | $18,750,063$ | $9,034,048$ | 100.0 | 74.4 | 0.0 | 48.2 |
| 2009 | $3,045,729$ | $8,324,288$ | $7,792,609$ | $19,162,626$ | $8,029,821$ | 100.0 | 59.9 | 0.0 | 41.9 |
| 2010 | $3,104,290$ | $8,636,357$ | $8,155,978$ | $19,896,625$ | $8,804,964$ | 100.0 | 66.0 | 0.0 | 44.3 |
| 2011 | $2,855,921$ | $9,339,361$ | $8,119,961$ | $20,315,243$ | $8,892,059$ | 100.0 | 64.6 | 0.0 | 43.8 |
| 2012 | $2,665,295$ | $10,114,350$ | $8,080,679$ | $20,860,324$ | $8,914,562$ | 100.0 | 61.8 | 0.0 | 42.7 |

## 1977 Police Officers' and Firefighters' Pension and Disability Fund

| $2006{ }^{1}$ | \$ | 455,476 | \$ | 546,628 | \$ | 1,647,421 | \$ | 2,649,525 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2007{ }^{1}$ |  | 498,662 |  | 655,827 |  | 1,734,806 |  | 2,889,295 |
| $2008{ }^{1}$ |  | 534,303 |  | 765,909 |  | 1,850,615 |  | 3,150,827 |
| 2009 |  | 571,534 |  | 793,167 |  | 1,967,985 |  | 3,332,686 |
| 2010 |  | 634,865 |  | 859,626 |  | 2,145,178 |  | 3,639,669 |
| 2011 |  | 679,849 |  | 970,676 |  | 1,988,431 |  | 3,638,956 |
| 2012 |  | 728,892 |  | 1,135,538 |  | 2,258,006 |  | 4,122,436 |


| $\$ 2,860,512$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $108.0 \%$ |
| :---: | :--- | :--- | :--- | :--- |
| $3,281,480$ | 100.0 | 100.0 | 100.0 | 113.6 |
| $3,352,705$ | 100.0 | 100.0 | 100.0 | 106.4 |
| $3,265,598$ | 100.0 | 100.0 | 96.6 | 98.0 |
| $3,374,438$ | 100.0 | 100.0 | 87.6 | 92.7 |
| $3,593,787$ | 100.0 | 100.0 | 97.7 | 98.8 |
| $3,786,595$ | 100.0 | 100.0 | 85.1 | 91.9 |
|  |  |  |  |  |

[^24](dollars in thousands)

|  | Actuarial Accrued Liabilities |  |  |  |  | Actuarial Value of Assets |  | Portion of Actuarial Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended June 30 | Active Member Contributions | Retirees and Beneficiaries | Active Member (Employer Financed Portion) |  | Total Actuarial Accrued iabilities |  |  | Active Member Contributions | Retirees and Beneficiaries | Active Member (Employer Financed Portion) | Total <br> Actuarial Accrued Liabilities |
| Judges'Retirement System² |  |  |  |  |  |  |  |  |  |  |  |
| 2007 | \$ 21,276 | \$ 143,645 | \$ 119,074 | \$ | 283,995 | \$ | 211,747 | 100.0\% | 100.0\% | 39.3\% | 74.6\% |
| 2008 | 22,243 | 155,177 | 161,329 |  | 338,749 |  | 234,881 | 100.0 | 100.0 | 35.6 | 69.3 |
| 2009 | 21,649 | 170,962 | 137,940 |  | 330,551 |  | 240,954 | 100.0 | 100.0 | 35.0 | 72.9 |
| 2010 | 23,138 | 182,023 | 158,962 |  | 364,123 |  | 242,143 | 100.0 | 100.0 | 23.3 | 66.5 |
| 2011 | 24,359 | 198,797 | 177,118 |  | 400,274 |  | 248,623 | 100.0 | 100.0 | 14.4 | 62.1 |
| 2012 | 27,699 | 205,341 | 204,814 |  | 437,854 |  | 260,096 | 100.0 | 100.0 | 13.2 | 59.4 |

## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers'Retirement Plan ${ }^{2}$

| 2007 | $\$$ | 3,527 | $\$$ | 24,606 | $\$$ | 46,318 | $\$$ | 74,451 | $\$$ | 57,414 | $100.0 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2008 | 4,314 |  | 28,902 |  | 43,961 |  | 77,177 | 65,375 | 100.0 | $100.0 \%$ | $63.2 \%$ |
| 2009 |  | 5,274 | 35,039 | 48,983 | 89,296 | 68,170 | 100.0 | 100.0 | 56.9 | $76.1 \%$ |  |
| 2010 | 6,220 | 36,044 | 55,598 | 97,862 | 70,327 | 100.0 | 100.0 | 50.5 | 71.9 |  |  |
| 2011 | 6,271 | 46,695 | 48,568 | 101,534 | 72,599 | 100.0 | 100.0 | 40.4 | 71.5 |  |  |
| 2012 |  | 6,532 | 53,929 | 52,822 | 113,283 | 76,007 | 100.0 | 100.0 | 29.4 | 67.1 |  |

Prosecuting Attorneys Retirement Fund ${ }^{2}$

| 2007 | $\$$ | 16,014 | $\$$ | 3,192 | $\$$ | 12,846 | $\$$ | 32,052 | $\$$ | 23,815 | $100.0 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2008 | 17,428 | 5,173 | 15,468 |  | 38,069 |  | 26,350 | $100.0 \%$ | $35.9 \%$ | $74.3 \%$ |  |
| 2009 | 19,239 | 10,384 | 15,009 | 44,632 | 26,467 | 100.0 | 69 | 69.2 | 0.0 | 59.3 |  |
| 2010 | 20,999 | 12,557 | 15,618 | 49,174 | 26,166 | 100.0 | 41.1 | 0.0 | 53.2 |  |  |
| 2011 | 21,592 | 16,806 | 14,854 | 53,252 | 25,651 | 100.0 | 24.2 | 0.0 | 48.2 |  |  |
| 2012 | 23,406 | 18,660 | 14,014 | 56,080 | 27,501 | 100.0 | 21.9 | 0.0 | 49.0 |  |  |

## Legislators' Defined Benefit Plan

| 2007 | \$ | 0 | \$ | 2,432 | \$ | 2,737 | \$ | 5,169 | \$ | 5,035 | N/A | 100.0\% | 95.1\% | 97.4\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2008 |  | 0 |  | 2,258 |  | 2,781 |  | 5,039 |  | 5,120 | N/A | 100.0 | 100.0 | 101.6 |
| 2009 |  | 0 |  | 3,147 |  | 1,940 |  | 5,087 |  | 4,730 | N/A | 100.0 | 81.6 | 93.0 |
| 2010 |  | 0 |  | 3,017 |  | 1,892 |  | 4,909 |  | 4,075 | N/A | 100.0 | 55.9 | 83.0 |
| 2011 |  | 0 |  | 3,037 |  | 1,584 |  | 4,621 |  | 3,634 | N/A | 100.0 | 37.7 | 78.6 |
| 2012 |  | 0 |  | 3,031 |  | 1,472 |  | 4,503 |  | 3,377 | N/A | 100.0 | 23.5 | 75.0 |

[^25]
## Public Employecs' Retirement Fund

(dollars in thousands - except annual average pay)


## Teachers' Retirement Fund - Pre-1996 Aceount

(dollars in thousands - except annual average pay)


## Teachers' Retirement Fund - 1996 Aceount

(dollars in thousands - except annual average pay)

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annual <br> Payroll | Annual <br> Average <br> Pay | Annual <br> Percent Increase/ <br> (Decrease) In <br> Average Pay |
| :---: | ---: | :---: | :---: | :---: |
| 2007 | 39,307 | $\$ 1,891,605$ | $\$ 48,124$ | $11.8 \%$ |
| 2008 | 41,628 | $2,052,720$ | 49,311 | 2.5 |
| 2009 | 45,046 | $2,308,548$ | 51,249 | 3.9 |
| 2010 | 46,433 | $2,447,509$ | 52,711 | 2.9 |
| 2011 | 46,633 | $2,507,193$ | 53,764 | 2.0 |
| 2012 | 47,885 | $2,594,952$ | 54,191 | 0.8 |



## Teachers' Retirement Fund - Total

(dollars in thousands - except annual average pay)


## 1977 Police Officers' and Firefighters' Pension and Disability Fund

(dollars in thousands - except annual average pay)


## Judges'Retirement System

(dollars in thousands - except annual average pay)


[^26]
# ACTUARIALSECTION <br> Schedule of Active Member Valuation Data, continued 

State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan
(dollars in thousands - except annual average pay)


## Prosecuting Attorneys' Retirement Fund

(dollars in thousands - except annual average pay)


## Legislators' Defined Benefit Plan²

(dollars in thousands - except annual average pay)

| Fiscal Year |  |  |
| :---: | :---: | :---: |
| Ended | Active | Annual <br> June 30 |
| Members | Payroll |  |

## Annual Average Pay

| N/A | $\mathrm{N} / \mathrm{A}$ |
| :--- | :--- |
| $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |

Annual
Percent Increase/ (Decrease) In Average Pay

N/A
N/A
N/A
N/A
N/A
N/A

Total Number of Active Members Per Year


## Public Employecs' Retirement Fund

(dollars in thousands - except average annual benefit)


## Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit



[^27]
# ACTUARIALSECTION 

## Teachers' Retirement Fund - Pre-1996 Actount

(dollars in thousands - except average annual benefit)

|  | Added to Rolls |  |  | Removed from Rolls |  |  | Rolls - End of Year |  | Percent Increase / (Decrease) In Total Annual Benefits | Average Annual Benefit ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended June 30 | Number |  | Annual Benefits | Number |  | Annual Benefits | Number | Total Annual Benefits ${ }^{1}$ |  |  |
| $2007{ }^{3}$ | 2,292 | \$ | 52,947 | 1,063 | \$ | 12,167 | 39,328 | \$ 658,297 | 5.4\% | \$ 16,739 |
| $2008{ }^{3}$ | 2,296 |  | 52,167 | 966 |  | 11,026 | 40,554 | 701,155 | 6.5 | 17,289 |
| $2009^{3}$ | 2,344 |  | 56,819 | 929 |  | 11,062 | 42,548 | 762,067 | 8.7 | 17,911 |
| 2010 | 1,940 |  | 47,657 | 1,010 |  | 11,982 | 43,478 | 790,773 | 3.8 | 18,188 |
| 2011 | 3,003 |  | 77,290 | 1,060 |  | 13,121 | 45,421 | 850,711 | 7.6 | 18,729 |
| 2012 | 2,541 |  | 63,923 | 962 |  | 12,216 | 47,000 | 898,006 | 5.6 | 19,107 |

## Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit



[^28]Teachers' Retirement Fund - 1996 Actount
(dollars in thousands - except average annual benefit)

|  | Added to Rolls |  |  | Removed from Rolls |  |  | Rolls - End of Year |  |  | Percent Increase / (Decrease) In Total Annual Benefits | Average Annual Benefit ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended June 30 | Number |  | Annual Benefits | Number |  |  | Number |  | Total Annual Benefits ${ }^{1}$ |  |  |
| $2007{ }^{3}$ | 197 | \$ | 3,658 | 22 | \$ | 416 | 1,925 | \$ | 37,013 | 45.4\% | \$ 19,228 |
| $2008{ }^{3}$ | 255 |  | 5,126 | 21 |  | 316 | 2,263 |  | 43,482 | 17.5 | 19,214 |
| $2009{ }^{3}$ | 270 |  | 5,145 | 10 |  | 119 | 1,944 |  | 36,312 | (16.5) | 18,679 |
| 2010 | 249 |  | 4,859 | 12 |  | 129 | 2,181 |  | 40,701 | 12.1 | 18,662 |
| 2011 | 390 |  | 7,666 | 17 |  | 253 | 2,554 |  | 47,887 | 17.7 | 18,750 |
| 2012 | 433 |  | 8,132 | 16 |  | 236 | 2,971 |  | 55,475 | 15.8 | 18,672 |

## Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit



[^29]
# ACTUARIALSECTION 

## Teachers' Retirement Fund - Total

(dollars in thousands - except average annual benefit)


## Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit



[^30]
## 1977 Police Officers' and Firefighters' Pension and Disability Fund

(dollars in thousands - except average annual benefit)

|  | Added to Rolls |  |  | Removed from Rolls |  |  | Rolls - End of Year |  |  | Percent Increase / (Decrease) In Total Annual Benefits | Average Annual Benefit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended June 30 | Number |  | Annual Benefits | Number |  | Annual Benefits | Number |  | Total <br> Annual Benefits ${ }^{1}$ |  |  |
| $2006{ }^{4}$ | 172 | \$ | 3,860 | 34 | \$ | 592 | 2,265 | \$ | 41,973 | 8.6\% | \$ 18,531 |
| $2007{ }^{4}$ | 333 |  | 8,101 | 50 |  | 886 | 2,548 |  | 49,537 | 18.0 | 19,442 |
| $2008{ }^{4}$ | 255 |  | 5,861 | 273 |  | 4,565 | 2,530 |  | 53,588 | 8.2 | 21,181 |
| 2009 | 102 |  | 2,571 | 24 |  | 479 | 2,608 |  | 55,564 | 3.7 | 21,305 |
| 2010 | 208 |  | 4,918 | 34 |  | 641 | 2,782 |  | 60,220 | 8.4 | 21,646 |
| 2011 | 218 |  | 6,179 | 34 |  | 609 | 2,966 |  | 68,179 | 13.2 | 22,987 |
| 2012 | 281 |  | 7,900 | 39 |  | 814 | 3,208 |  | 76,917 | 12.8 | 23,977 |

## Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit



[^31]
# ACTUARIALSECTION 

## Judges' Retirement System

(dollars in thousands - except average annual benefit)

|  | Added to Rolls |  |  | Removed from Rolls |  |  | Rolls - End of Year |  |  | Percent Increase / (Decrease) In Total Annual Benefits | Average Annual Benefit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended June 30 | Number |  | Annual Benefits | Number |  | Annual Benefits | Number |  | Total Annual Benefits ${ }^{1}$ |  |  |
| 2007 | 18 | \$ | 976 | 8 | \$ | 409 | 279 | \$ | 13,899 | 7.1 \% | \$ 49,819 |
| 2008 | 23 |  | 1,257 | 26 |  | 991 | 276 |  | 14,754 | 6.1 | 53,455 |
| 2009 | 74 |  | 3,744 | 57 |  | 1,835 | 293 |  | 15,230 | 3.2 | 51,978 |
| 2010 | 11 |  | 627 | 6 |  | 339 | 298 |  | 15,390 | 1.1 | 51,644 |
| 2011 | 21 |  | 1,452 | 9 |  | 200 | 310 |  | 16,787 | 9.1 | 54,152 |
| 2012 | 7 |  | 444 | 6 |  | 194 | 311 |  | 17,028 | 1.4 | 54,751 |

Total Number of Retirants and Beneficiaries Per Year
and Average Annual Benefit

$\square$ Number $\quad \square-$ Average Annual Benefit

State Excise Police, Gaming Agent, Gaming Control Officer and Conservation Enforcement Officers' Retirement Plan
(dollars in thousands - except average annual benefit)

|  | Added to Rolls |  |  | Removed from Rolls |  |  | Rolls - End of Year |  |  | Percent Increase / (Decrease) In Total Annual Benefits | Average Annual Benefit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended June 30 | Number |  | Annual Benefits | Number |  |  | Number |  | otal nual efits ${ }^{1}$ |  |  |
| 2007 | 13 | \$ | 359 | 5 | \$ | 74 | 140 | \$ | 2,176 | 15.2\% | \$ 15,539 |
| 2008 | 9 |  | 302 | 12 |  | 119 | 137 |  | 2,518 | 15.8 | 18,382 |
| 2009 | 59 |  | 748 | 39 |  | 258 | 157 |  | 3,056 | 21.3 | 19,465 |
| 2010 | 6 |  | 136 | 6 |  | 49 | 157 |  | 3,134 | 2.6 | 19,962 |
| 2011 | 22 |  | 902 | 3 |  | 23 | 176 |  | 3,978 | 26.9 | 22,602 |
| 2012 | 14 |  | 495 | 3 |  | 14 | 187 |  | 4,452 | 11.9 | 23,810 |

Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit


[^32]
# ACTUARIALSECTION 

## Prosecuting Attorneys' Retirement Fund

(dollars in thousands - except average annual benefit)


## Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit



Legislators' Defined Benefit Plan
(dollars in thousands - except average annual benefit)

|  | Added to Rolls |  |  | Removed from Rolls |  |  | Rolls - End of Year |  |  | Percent Increase / (Decrease) In Total Annual Benefits | Average Annual Benefit |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended June 30 | NumberAnnual <br> Benefits |  |  | Number | Annual Benefits |  | Number |  |  |  |  |  |
| 2007 | 6 | \$ | 31 | - | \$ | - | 45 | \$ | 283 | 9.1\% | \$ | 6,298 |
| 2008 | 1 |  | - | 2 |  | 10 | 44 |  | 274 | (3.4) |  | 6,223 |
| 2009 | 17 |  | 88 | 2 |  | 2 | 59 |  | 371 | 35.3 |  | 6,281 |
| 2010 | 5 |  | 9 | 3 |  | 27 | 61 |  | 347 | (6.5) |  | 5,685 |
| 2011 | 4 |  | 22 | - |  | - | 65 |  | 356 | 2.6 |  | 5,477 |
| 2012 | 2 |  | 13 | 4 |  | 20 | 63 |  | 349 | (2.0) |  | 5,536 |

## Total Number of Retirants and Beneficiaries Per Year and Average Annual Benefit



[^33]


# INDIANA PUBLIC RETIREMENT SYSTEM 2012 COMPREHENSIVE ANNUAL FINANCIAL REPORT For the Fiscal Year Ended June 30, 2012 

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This part of the Comprehensive Annual Financial Report contains more detailed information regarding the financial viability and pension benefit offerings for understanding the Financial Statements, Notes to the Financial Statements, and Required Supplementary Information.

## Financial Trends

The following schedules contain trends to assist in understanding changes over time in financial performance of each retirement plan:

- Schedule of Changes in Net Position

■ Summary of Income Sources for a 10-Year Period

- Schedule of Historical Contribution Rates


## Demographic and Economic Information

The following schedules contain benefit and member data to provide a better understanding of the benefit offerings of each retirement plan:

■ Membership Data Summary

- Ratio of Active Members to Annuitants
- Schedule of Benefit Recipients by Type of Benefit Option
- Schedule of Average Benefit Payments
- Schedule of Average Death Benefit Payments

■ Schedule of Participating Employers: "Top 10"

- Schedule of Participating Employers


# statistical section <br> Schedule of Changes in Net Position 

## Total INPRS



Fiscal Year Ended June 30

|  | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions |  |  |  |  |  |  |  |  |  |  |
| Member Contributions | \$ 335,548 | \$ 330,314 | \$ 335,244 | \$ 332,959 | \$ 322,060 | \$ 312,488 | \$ 312,918 | \$ 290,407 | \$ 283,688 | \$ 272,366 |
| Employer Contributions | 1,605,839 | 1,493,683 | 1,471,776 | 1,347,376 | 1,232,602 | 1,120,316 | 1,022,249 | 795,651 | 757,811 | 899,216 |
| Investment Income/ (Loss) | 172,801 | 3,943,198 | 2,649,155 | $(4,646,978)$ | $(1,752,577)$ | 3,821,357 | 1,947,308 | 1,700,826 | 2,405,822 | 810,396 |
| Interfund Transfers | 13,025 | 15,410 | 8,176 | 7,662 | 9,608 | 6,965 | 6,606 | 6,955 | 5,145 | 5,621 |
| Other Additions | 89,863 | 100,622 | 89,771 | 91,627 | 92,442 | 94,731 | 93,524 | 93,436 | 93,337 | 99,214 |
| Total Additions | \$2,217,076 | \$5,883,227 | \$4,554,122 | \$(2,867,354) | \$ $(95,865)$ | \$5,355,857 | \$ 3,382,605 | \$ 2,887,275 | \$3,545,803 | \$2,086,813 |
| Deductions |  |  |  |  |  |  |  |  |  |  |
| Pension Benefits | \$1,976,672 | \$ 1,889,792 | \$ 1,623,749 | \$ 1,494,247 | \$ 1,477,798 | \$ 1,379,511 | \$ 1,215,172 | \$1,113,329 | \$ 1,044,057 | \$ 955,403 |
| Disability Benefits | 57,239 | 53,608 | 55,554 | 51,326 | 47,079 | 45,094 | 39,079 | 35,484 | 18,890 | 25,941 |
| Death Benefits | 938 | 1,224 | 1,464 | 806 | 1,008 | 372 | 209 | 860 | 1,008 | 806 |
| Distributions of Contributions and Interest | 95,681 | 94,341 | 53,393 | 54,375 | 62,862 | 67,649 | 81,807 | 51,980 | 51,227 | 44,767 |
| Pension Relief Distributions | 224,220 | 219,425 | 213,035 | 167,279 | 134,948 | 140,727 | 125,075 | 115,228 | 103,463 | 96,417 |
| Administrative and Project Expenses | 40,848 | 35,918 | 38,258 | 36,318 | 31,883 | 27,549 | 23,687 | 24,953 | 24,190 | 17,940 |
| Interfund Transfers | 13,025 | 15,410 | 8,176 | 7,662 | 9,608 | 6,965 | 6,606 | 6,955 | 5,145 | 5,621 |
| Total Deductions | \$2,408,623 | \$2,309,718 | \$1,993,629 | \$ 1,812,013 | \$ 1,765,186 | \$ 1,667,867 | \$ 1,491,635 | \$ 1,348,789 | \$ 1,247,980 | \$1,146,895 |
| Changes in Net Position |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year | 25,755,673 | 22,182,164 | 19,621,671 | 24,301,038 | 26,162,089 | 22,474,099 | 20,583,129 | 19,044,643 | 16,746,820 | 15,806,902 |
| End of Year | 25,564,126 | 25,755,673 | 22,182,164 | 19,621,671 | 24,301,038 | 26,162,089 | 22,474,099 | 20,583,129 | 19,044,643 | 16,746,820 |
| Net Increase/(Decrease) | \$ $(191,547)$ | \$3,573,509 | \$2,560,493 | \$(4,679,367) | \$ $(1,861,051)$ | \$3,687,990 | \$ 1,890,970 | \$ 1,538,486 | \$2,297,823 | \$ 939,918 |

## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)




## Public Employees' Retirement Fund

(dollars in thousands)
Fiscal Year Ended June 30


## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)



# STATISTICAL SECTION <br> Schedule of Changes in Net Position, continued 

## Teachers' Retirement Fund

## (dollars in thousands)

Fiscal Year Ended June 30

|  | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions |  |  |  |  |  |  |  |  |  |  |
| Member Contributions | \$ 129,962 | \$ 126,784 | \$ 131,676 | \$ 128,568 | \$ 123,928 | \$ 126,195 | \$ 130,496 | \$ 117,897 | \$ 115,833 | \$ 109,500 |
| Employer Contributions | 915,490 | 880,611 | 849,855 | 819,187 | 778,128 | 723,039 | 671,340 | 454,779 | 408,180 | 575,066 |
| Investment Income/ (Loss) | 166,001 | 1,177,390 | 965,556 | $(1,390,148)$ | $(381,080)$ | 1,223,431 | 572,290 | 560,890 | 723,094 | 344,777 |
| Interfund Transfers | 9,304 | 8,827 | 5,510 | 4,260 | 3,188 | 3,841 | 5,092 | 3,973 | 2,781 | 3,847 |
| Other Additions | 30,000 | 35,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,864 | 31,424 | 31,354 |
| Total Additions | \$1,250,757 | \$2,228,612 | \$1,982,597 | \$ $(408,133)$ | \$ 554,164 | \$ 2,106,506 | \$1,409,218 | \$1,168,403 | \$1,281,312 | \$ 1,064,544 |
| Deductions |  |  |  |  |  |  |  |  |  |  |
| Pension Benefits | \$1,256,887 | \$1,210,936 | \$1,017,030 | \$ 934,216 | \$ 950,755 | \$ 897,580 | \$ 779,616 | \$ 723,626 | \$ 655,234 | \$ 615,782 |
| Disability Benefits | 51 | 63 | 74 | 80 | 100 | 96 | 98 | 108 | 118 | 140 |
| Death Benefits |  |  |  |  | - |  |  |  |  | - |
| Distributions of Contributions and Interest | 21,236 | 20,565 | 10,447 | 9,613 | 10,463 | 12,901 | 9,562 | 9,237 | 9,704 | 7,397 |
| Pension Relief Distributions | - |  |  |  | - |  |  |  |  | - |
| Administrative and Project Expenses | 13,954 | 10,840 | 11,076 | 10,254 | 6,920 | 6,522 | 6,750 | 7,025 | 7,628 | 6,677 |
| Interfund Transfers | 3,308 | 5,239 | 2,339 | 2,525 | 2,761 | 37 | 1,484 | 2,982 | 2,364 | 1,774 |
| Total Deductions | \$1,295,436 | \$1,247,643 | \$1,040,966 | \$ 956,688 | \$ 970,999 | \$ 917,136 | \$ 797,510 | \$ 742,978 | \$ 675,048 | \$ 631,770 |
| Changes in Net Position |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year | 9,121,738 | 8,140,769 | 7,199,138 | 8,563,959 | 8,980,794 | 7,791,424 | 7,179,716 | 6,754,291 | 6,148,027 | 5,715,253 |
| End of Year | 9,077,059 | 9,121,738 | 8,140,769 | 7,199,138 | 8,563,959 | 8,980,794 | 7,791,424 | 7,179,716 | 6,754,291 | 6,148,027 |



## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)

|  | Total Additions |
| :--- | :--- |
| $\square$ | Total Deductions |
| $\square$ | Net Position |



# 1977 Police Officers' and Firefighters' Pension and Disability Fund 

(dollars in thousands)
Fiscal Year Ended June 30

|  |  | 2012 |  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  | 2005 |  | 2004 |  | 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Member Contributions | \$ | 40,870 | \$ | 40,532 | \$ | 39,826 | \$ | 38,520 | \$ | 36,787 | \$ | 33,898 | \$ | 32,231 | \$ | 32,622 | \$ | 28,029 | \$ | 30,350 |
| Employer Contributions |  | 135,605 |  | 133,726 |  | 130,774 |  | 130,002 |  | 129,553 |  | 118,816 |  | 104,247 |  | 117,678 |  | 98,489 |  | 94,920 |
| Investment Income/ (Loss) |  | 8,750 |  | 591,408 |  | 337,766 |  | $(662,681)$ |  | $(265,745)$ |  | 490,857 |  | 246,767 |  | 201,043 |  | 278,248 |  | 79,234 |
| Interfund Transfers |  | 123 |  |  |  | 237 |  | 131 |  | - |  | - |  | - |  | - |  | - |  | - |
| Other Additions |  | 41 |  | 83 |  | 90 |  | 115 |  | 57 |  | 76 |  | 78 |  | 132 |  | 141 |  | - |
| Total Additions | \$ | 185,389 | \$ | 765,749 | \$ | 508,693 |  | $(493,913)$ |  | $(99,348)$ | \$ | 643,647 | \$ | 383,323 | \$ | 351,475 | \$ | 404,907 | \$ | 204,504 |
| Deductions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pension Benefits | \$ | 67,920 | \$ | 56,503 | \$ | 47,150 | \$ | 41,019 | \$ | 42,790 | \$ | 33,661 | \$ | 30,427 | \$ | 26,967 | \$ | 30,538 | \$ | 23,002 |
| Disability Benefits |  | 16,288 |  | 15,710 |  | 15,199 |  | 14,541 |  | 13,184 |  | 12,256 |  | 11,389 |  | 10,158 |  | 4,121 |  | 8,765 |
| Death Benefits |  | 738 |  | 624 |  | 564 |  | 306 |  | 108 |  | 72 |  | 9 |  | 9 |  | 58 |  | 306 |
| Distributions of Contributions and Interest |  | 3,101 |  | 2,662 |  | 2,304 |  | 3,172 |  | 3,186 |  | 3,293 |  | 2,642 |  | 2,475 |  | 2,465 |  | 2,321 |
| Pension Relief Distributions |  |  |  |  |  |  |  | - |  | - |  |  |  | - |  |  |  | - |  | - |
| Administrative and Project Expenses |  | 1,662 |  | 2,108 |  | 1,865 |  | 3,766 |  | 3,156 |  | 2,559 |  | 2,153 |  | 1,777 |  | 2,405 |  | 1,510 |
| Interfund Transfers |  | 33 |  | 61 |  | - |  | 5 |  | 3 |  | - |  | - |  | - |  |  |  | - |
| Total Deductions | \$ | 89,742 | \$ | 77,668 | \$ | 67,082 |  | 62,809 |  | 62,427 | \$ | 51,841 | \$ | 46,620 |  | 41,386 | \$ | 39,587 | \$ | 35,904 |
| Changes in Net Position |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 3,721,366 |  | 3,033,285 |  | 2,591,674 |  | ,148,396 |  | 3,310,171 |  | 2,718,365 |  | 2,381,662 |  | 2,071,573 |  | 1,706,253 |  | 1,537,653 |
| End of Year |  | 3,817,013 |  | 3,721,366 |  | 3,033,285 |  | 2,591,674 |  | 3,148,396 |  | 3,310,171 |  | 2,718,365 |  | 2,381,662 |  | 2,071,573 |  | 1,706,253 |



## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)




5,000,000 4,000,000

3,000,000
2,000,000
1,000,000

# statistical section <br> Schedule of Changes in Net Position, continued 

## Judges' Retirement System

## (dollars in thousands)

## Additions

Member Contributions
Employer Contributions Investment Income/(Loss) Interfund Transfers Other Additions

Total Additions
Deductions
Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest
Pension Relief Distributions
Administrative and Project Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30

| 2012 |  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  | 2005 |  | 2004 |  | 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} \$ \\ 2,468 \\ 18,896 \\ 595 \\ 257 \\ 2 \end{array}$ | \$ | $\begin{array}{r} 3,492 \\ 19,200 \\ 40,871 \\ 1,281 \end{array}$ | \$ | $\begin{array}{r} 2,229 \\ 18,631 \\ 23,622 \\ 59 \\ - \end{array}$ |  | $\begin{array}{r} 2,196 \\ 20,861 \\ (48,194) \\ 151 \\ - \end{array}$ |  | $\begin{array}{r} 2,062 \\ 15,920 \\ (19,133) \\ 64 \\ - \end{array}$ | \$ | $\begin{array}{r} 1,925 \\ 14,662 \\ 35,419 \end{array}$ | \$ | $\begin{array}{r} 1,839 \\ 13,537 \\ 18,291 \\ 18 \end{array}$ | \$ | $\begin{array}{r} 1,569 \\ 13,540 \\ 14,814 \end{array}$ | \$ | $\begin{array}{r} 1,560 \\ 12,965 \\ 20,780 \\ - \\ 1 \end{array}$ | \$ | $\begin{array}{r} 1,558 \\ 13,276 \\ 6,238 \end{array}$ |
| 22,218 | \$ | 64,844 | \$ | 44,541 | \$ | $(24,986)$ | \$ | $(1,087)$ | \$ | 52,006 | \$ | 33,685 | \$ | 29,923 | \$ | 35,306 | \$ | 21,072 |
| $\$ \quad 16,569$ 158 $19$ <br> 132 | \$ | $15,996$ <br> 92 <br> 5 <br> 160 | \$ | $15,441$ $29$ <br> 104 |  | $14,595$ <br> 54 <br> 55 <br> 308 |  | $12,514$ $65$ <br> 50 <br> 244 | \$ | $11,554$ <br> 110 <br> 72 <br> 194 | \$ | 11,102 <br> 113 <br> 6 <br> 149 | \$ | 9,393 $94$ <br> 119 $134$ | \$ | 9,004 37 <br> 45 <br> 197 | \$ | 8,491 <br> 120 <br> 46 <br> 110 |
| \$ 16,878 | \$ | 16,253 | \$ | 15,574 | \$ | 15,012 | \$ | 12,873 | \$ | 11,930 | \$ | 11,370 | \$ | 9,740 | \$ | 9,283 | \$ | 8,767 |
| 256,986 262,326 |  | $\begin{aligned} & 208,395 \\ & 256,986 \\ & \hline \end{aligned}$ |  | $\begin{array}{r} 179,428 \\ 208,395 \\ \hline \end{array}$ |  | $\begin{aligned} & 219,426 \\ & 179,428 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 233,386 \\ & 219,426 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 193,310 \\ & 233,386 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 170,995 \\ & 193,310 \end{aligned}$ |  | $\begin{aligned} & 150,812 \\ & 170,995 \end{aligned}$ |  | $\begin{aligned} & 124,789 \\ & 150,812 \end{aligned}$ |  | $\begin{aligned} & 112,484 \\ & 124,789 \end{aligned}$ |
| 5,340 | \$ | 48,591 | \$ | 28,967 | \$ | $(39,998)$ | \$ | $(13,960)$ | \$ | 40,076 | \$ | 22,315 | \$ | 20,183 | \$ | 26,023 | \$ | 12,305 |

## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)



## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

(dollars in thousands)

## Additions

Member Contributions Employer Contributions Investment Income/(Loss) Interfund Transfers Other Additions
Total Additions
Deductions
Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest
Pension Relief Distributions Administrative and Project
Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30


## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)




# statistical section <br> Schedule of Changes in Net Position, continued 

## Prosecuting Attorneys' Retirement Fund

(dollars in thousands)

## Additions

Member Contributions
Employer Contributions
Investment Income/(Loss)
Interfund Transfers
Other Additions
Total Additions
Deductions
Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest
Pension Relief Distributions
Administrative and Project Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30


## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)

 Schedule of Changes in $\mathbb{N e t ~ P o s i t i o n , ~ c o n t i n u e d ~}$

## Legislators' Defined Benefit Plan

(dollars in thousands)

## Additions

Member Contributions Employer Contributions Investment Income/(Loss) Interfund Transfers Other Additions
Total Additions
Deductions
Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest
Pension Relief Distributions Administrative and Project Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30


Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)


# STATISTICALSECTION <br> Schedule of Changes in Net Position, continued 

## Legislators' Defined Contribution Plan

(dollars in thousands)

## Additions

Member Contributions Employer Contributions Investment Income/(Loss) Interfund Transfers Other Additions

Total Additions

## Deductions

Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest
Pension Relief Distributions Administrative and Project Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30


## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)

 Schedule of Changes in $\mathbb{N e t ~ P o s i t i o n , ~ c o n t i n u e d ~}$

## State Employees' Death Benefit Fund

(dollars in thousands)

## Additions

Member Contributions Employer Contributions Investment Income/(Loss) Interfund Transfers Other Additions

Total Additions

## Deductions

Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest
Pension Relief Distributions
Administrative and Project
Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30

| 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ $\quad-\begin{array}{r}\text { \$ } \\ \\ \\ \\ \\ \\ \end{array}$ | \$ $256$ | \$ $\quad-$- <br>  <br> 525 <br>  <br>  <br>  <br>  <br>  | \$ $\quad-\begin{gathered}\text { \$ } \\ \\ 374 \\ \\ \\ \\ \\ \\ \end{gathered}$ |  | \$ $\quad-\begin{array}{r}\text { \$ } \\ \\ 293 \\ \\ \\ \\ \end{array}$ | \$ <br> (13) | \$ $\begin{array}{r}- \\ - \\ 261 \\ \\ \\ \hline\end{array}$ | \| $16$ | \$ $\quad-$ |
| \$ 386 | 256 | \$ 525 | 374 | 460 | 293 | \$ (13) | 261 | 16 | \$ 490 |
| \$ $\quad-\begin{aligned} & - \\ & 50 \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \end{aligned}$ | \$ | \$ | \$ <br> 50 <br> 9 | \$ $6$ |  | \$ <br> 50 <br> 4 | 100 <br> 4 | \$ <br> 50 <br> 6 | \$ $200$ $3$ |
| \$ 50 | \$ | \$ | \$ 59 | \$ 6 | 4 | 54 | 104 | \$ 56 | \$ 203 |
| $\begin{aligned} & 7,347 \\ & 7,683 \end{aligned}$ | $\begin{aligned} & 7,091 \\ & 7,347 \end{aligned}$ | $\begin{aligned} & 6,566 \\ & 7,091 \end{aligned}$ | $\begin{aligned} & 6,251 \\ & 6,566 \end{aligned}$ | $\begin{aligned} & 5,797 \\ & 6,251 \end{aligned}$ | $\begin{aligned} & 5,508 \\ & 5,797 \end{aligned}$ | $\begin{array}{r} 5,575 \\ 5,508 \\ \hline \end{array}$ | $\begin{aligned} & 5,418 \\ & 5,575 \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,458 \\ & 5,418 \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,171 \\ & 5,458 \\ & \hline \end{aligned}$ |
| \$ 336 | 256 | 525 | 315 | 454 | 289 | (67) | 157 | \$ (40) | 287 |

Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)


# statistical section <br> Schedule of Changes in Net Position, continued 

## Public Safety Officers' Special Death Benefit Fund

(dollars in thousands)

## Additions

Member Contributions
Employer Contributions Investment Income/(Loss) Interfund Transfers
Other Additions
Total Additions
Deductions
Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest
Pension Relief Distributions
Administrative and Project Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30

| 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{lr} \text { \$ } & - \\ & - \\ & 209 \\ & - \\ & 716 \end{array}$ | $\text { \|\$ } \quad-\quad-1$ | $\begin{array}{\|lr\|} \hline \$ & - \\ & - \\ & 226 \\ & - \\ & 626 \\ \hline \end{array}$ | \$ <br> 147 <br> 539 | \$ <br> 162 <br> 517 | \$ $\begin{array}{r} 98 \\ - \\ 485 \\ \hline \end{array}$ | \$ <br> (5) <br> 307 |  | \$ <br> (4) <br> 22 | \$ <br> 251 <br> 11 |
| \$ 925 | \$ 664 | 852 | 686 | 679 | \$ 583 | \$ 302 | 116 | \$ 18 | \$ 262 |
| \$ -1 | \$ <br> 150 | \$ <br> 450 | \$ <br> 300 <br> 3 | \$ <br> 450 <br> 2 | 150 <br> 1 | \$ <br> 150 <br> 1 | $\begin{array}{r} - \\ 300 \end{array}$ <br> 1 | 600 <br> 3 | \$ <br> 150 <br> 2 |
| \$ | \$ 150 | 450 | \$ 303 | 452 | 151 | \$ 151 | \$ 301 | \$ 603 | 152 |
| $\begin{aligned} & 3,758 \\ & 4,683 \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,244 \\ & 3,758 \end{aligned}$ | $\begin{aligned} & 2,842 \\ & 3,244 \end{aligned}$ | $\begin{aligned} & 2,459 \\ & 2,842 \end{aligned}$ | $\begin{aligned} & 2,232 \\ & 2,459 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,800 \\ & 2,232 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,649 \\ & 1,800 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,834 \\ & 1,649 \end{aligned}$ | $\begin{aligned} & 2,419 \\ & 1,834 \end{aligned}$ | $\begin{aligned} & 2,309 \\ & 2,419 \\ & \hline \end{aligned}$ |
| \$ 925 | \$ 514 | 402 | 383 | 227 | 432 | 151 | (185) | \$ (585) | 110 |

## Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)



Schedule of Changes in $N$ et Position, continued

## Pension Relief Fund

(dollars in thousands)

## Additions

Member Contributions
Employer Contributions
Investment Income/(Loss)
Interfund Transfers
Other Additions
Total Additions
Deductions
Pension Benefits
Disability Benefits
Death Benefits
Distributions of Contributions and Interest

Pension Relief Distributions
Administrative and Project
Expenses
Interfund Transfers
Total Deductions
Changes in Net Position
Beginning of Year
End of Year
Net Increase/(Decrease)

Fiscal Year Ended June 30


Ten-Year Comparison of Net Position, Additions and Deductions (dollars in thousands)



Summary of Income Sources for a Ten-Year Period

## Total INPRS

Fiscal Year 2003-Fiscal Year 2012

| Investment Income | $41 \%$ |
| :--- | :---: |
| Employer Contributions | 44 |
| Member Contributions | 12 |
| Other Additions | 3 |

Investment Income
$\square$ Employer Contributions


Other Additions


Schedule of Historical Contribution Rates

## Public Employees' Retirement Fund

$\left.\begin{array}{cccc}\begin{array}{c}\text { Fiscal Year } \\ \text { Ended } \\ \text { June 30 }\end{array} & & \begin{array}{c}\text { State } \\ \text { Rate }\end{array} & \end{array} \begin{array}{c} \\ \hline\end{array} \begin{array}{c}\text { Political } \\ \text { Subdivisions } \\ \text { (Aggregate) Rate }\end{array}\right]$


## Teachers' Retirement Fund



[^34]
## 1977 Police Officers' and Firefighters' Pension and Disability Fund

| Fiscal Year <br> Ended <br> June 30 | 1977 Fund <br> Rate |  |
| :---: | :---: | :---: |
| 2003 |  | $21.0 \%$ |
| 2004 |  | 21.0 |
| 2005 |  | 21.0 |
| 2006 |  | 21.0 |
| 2007 |  | 21.0 |
| 2008 |  | 21.0 |
| 2009 |  | 19.5 |
| 2010 |  | 19.5 |
| 2011 |  | 19.5 |
| 2012 |  | 19.7 |
| Memo: |  |  |
| Effective Date | January 1 |  |



State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

| Fiscal Year <br> Ended <br> June 30 |  | E,G,\&C <br> Plan Rate |
| :---: | :---: | :---: |
| 2003 |  | $16.00 \%$ |
| 2004 |  | 16.00 |
| 2005 |  | 16.00 |
| 2006 |  | 16.00 |
| 2007 |  | 16.00 |
| 2008 |  | 20.50 |
| 2009 |  | 20.75 |
| 2010 |  | 20.75 |
| 2011 |  | 20.75 |
| 2012 |  | 20.75 |
| Memo: |  |  |
| Effective Date | January 1 |  |



## statistical section

- PERF = Public Employees' Retirement Fund

■ TRF $=$ Teachers' Retirement Fund
■ 1977 Fund $=1977$ Police Officers' and
Firefighters' Pension and Disability Fund

- JRS = Judges' Retirement System
- E,G,\&C Plan = State Excise Police, Gaming Agent,

Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

- $\quad$ PARF $=$ Prosecuting Attorneys' Retirement Fund
- LEDB Plan = Legislators' Defined Benefit Plan
- LEDC Plan = Legislators' Defined Contribution Plan


## Fiscal Year Ended June 30, 2012

| Retirement Plans | Active Members | Retirees, Disabilitants, \& Beneficiaries | Terminated Vested Inactive Members | Terminated Non-Vested Inactive Members With Balance | Total Members |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PERF | 145,519 | 72,992 | 21,200 | 47,874 | 287,585 |
| TRF | 70,573 | 49,971 | 6,367 | 13,322 | 140,233 |
| 1977 Fund | 13,390 | 3,208 | 122 | 751 | 17,471 |
| JRS | 361 | 311 | 72 | 28 | 772 |
| E,G,\&C Plan | 468 | 187 | 4 | 61 | 720 |
| PARF | 219 | 81 | 84 | 165 | 549 |
| LEDB Plan | 6 | 63 | 38 | - | 107 |
| LEDC Plan | 167 | - | - | 47 | 214 |
| Total INPRS | 230,703 | 126,813 | 27,887 | 62,248 | 447,651 |

## Fiscal Year Ended June 30, 2011

| Retirement Plans | Active Members | Retirees, Disabilitants, \& Beneficiaries | Terminated Vested Inactive Members | Terminated Non-Vested Inactive Members With Balance | Total Members |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PERF | 147,933 | 70,380 | 20,634 | 72,105 | 311,052 |
| TRF | 71,343 | 47,975 | 6,636 | 27,168 | 153,122 |
| 1977 Fund | 13,376 | 2,966 | 126 | 791 | 17,259 |
| JRS | 363 | 310 | 66 | 31 | 770 |
| E,G,\&C Plan | 440 | 176 | 5 | 59 | 680 |
| PARF | 212 | 76 | 85 | 177 | 550 |
| LEDB Plan | 7 | 65 | 40 | - | 112 |
| LEDC Plan | 171 | - | - | 51 | 222 |
| Total INPRS | 233,845 | 121,948 | 27,592 | 100,382 | 483,767 |

## Fiscal Year Ended June 30, 2010

| Retirement Plans | Active Members | Retirees, Disabilitants, \& Beneficiaries | Terminated Vested Inactive Members | Terminated Non-Vested Inactive Members With Balance | Total Members |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PERF | 149,877 | 67,166 | 14,759 | 88,234 | 320,036 |
| TRF | 72,872 | 45,659 | 7,670 | 35,847 | 162,048 |
| 1977 Fund | 13,362 | 2,782 | 111 | 771 | 17,026 |
| JRS | 291 | 298 | 73 | 31 | 693 |
| E,G,\&C Plan | 471 | 157 | 4 | 52 | 684 |
| PARF | 217 | 58 | 74 | 177 | 526 |
| LEDB Plan | 20 | 61 | 34 | - | 115 |
| LEDC Plan | 169 | - | - | 48 | 217 |
| Total INPRS | 237,279 | 116,181 | 22,725 | 125,160 | 501,345 |

${ }^{1}$ INPRS intends to make this schedule a 10-year schedule over time. Terminated Non-Vested Inactive Members With Balance data was not available for select retirement plans prior to fiscal year 2010.

## Total INPRS



## Public Employees' Retirement Fund

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annuitants $^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | ---: | ---: | :---: |
| 2003 | 143,082 | 52,956 | 2.7 |
| 2004 | 142,913 | 54,354 | 2.6 |
| 2005 | 141,428 | 57,121 | 2.5 |
| 2006 | 140,563 | 58,283 | 2.4 |
| 2007 | 138,863 | 60,332 | 2.3 |
| 2008 | 140,146 | 62,424 | 2.2 |
| 2009 | 147,792 | 65,099 | 2.3 |
| 2010 | 149,877 | 67,166 | 2.2 |
| 2011 | 147,933 | 70,380 | 2.1 |
| 2012 | 145,519 | 72,992 | 2.0 |



[^35]Ratio of Active Members to Annuitants, continued

## Teachers' Retirement Fund - Pre-1996 Aceount



## Teachers' Retirement Fund - 1996 Account

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annuitants $^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | ---: | ---: | :---: |
| 2003 | 29,936 | 608 | 49.2 |
| 2004 | 32,000 | 797 | 40.2 |
| 2005 | 34,826 | 1,091 | 31.9 |
| 2006 | 36,356 | 1,327 | 27.4 |
| 2007 | 39,307 | 1,925 | 20.4 |
| 2008 | 41,628 | 2,263 | 18.4 |
| 2009 | 45,046 | 1,944 | 23.2 |
| 2010 | 46,433 | 2,181 | 21.3 |
| 2011 | 46,633 | 2,554 | 18.3 |
| 2012 | 47,885 | 2,971 | 16.1 |

Ratio of Active Members to Annuitants, continued

## Teachers' Retirement Fund - Total

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annuitants $^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | ---: | ---: | :---: |
| 2003 | 73,641 | 36,235 | 2.0 |
| 2004 | 73,510 | 37,068 | 2.0 |
| 2005 | 73,923 | 38,512 | 1.9 |
| 2006 | 73,350 | 39,849 | 1.8 |
| 2007 | 75,833 | 41,253 | 1.8 |
| 2008 | 76,256 | 42,817 | 1.8 |
| 2009 | 74,343 | 44,492 | 1.7 |
| 2010 | 72,872 | 45,659 | 1.6 |
| 2011 | 71,343 | 47,975 | 1.5 |
| 2012 | 70,573 | 49,971 | 1.4 |



## 1977 Police Officers' and Firefighters' Pension and Disability Fund

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annuitants ${ }^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | ---: | ---: | :---: |
| $2003^{3}$ | 11,238 | 1,906 | 5.9 |
| $2004^{3}$ | 11,424 | 1,898 | 6.0 |
| $2005^{3}$ | 11,728 | 2,127 | 5.5 |
| $2006^{3}$ | 12,056 | 2,265 | 5.3 |
| $2007^{3}$ | 12,611 | 2,548 | 4.9 |
| $2008^{3}$ | 13,095 | 2,530 | 5.2 |
| 2009 | 13,184 | 2,608 | 5.1 |
| 2010 | 13,362 | 2,782 | 4.8 |
| 2011 | 13,376 | 2,966 | 4.5 |
| 2012 | 13,390 | 3,208 | 4.2 |



[^36]Ratio of Active Members to Annuitants, continued

## Judges' Retirement System

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annuitants $^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | ---: | ---: | :---: |
| 2003 | 278 | 258 | 1.1 |
| 2004 | 275 | 262 | 1.0 |
| 2005 | 282 | 264 | 1.1 |
| 2006 | 274 | 269 | 1.0 |
| 2007 | 258 | 279 | 0.9 |
| 2008 | 267 | 276 | 1.0 |
| 2009 | 288 | 293 | 1.0 |
| 2010 | 291 | 298 | 1.0 |
| 2011 | 363 | 310 | 1.2 |
| 2012 | 361 | 311 | 1.2 |



## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annuitants $^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | :---: | :---: | :---: |
| 2003 | 254 | 128 | 2.0 |
| 2004 | 251 | 128 | 2.0 |
| 2005 | 262 | 128 | 2.0 |
| 2006 | 310 | 132 | 2.3 |
| 2007 | 344 | 140 | 2.5 |
| 2008 | 410 | 137 | 3.0 |
| 2009 | 443 | 157 | 2.8 |
| 2010 | 471 | 157 | 3.0 |
| 2011 | 440 | 176 | 2.5 |
| 2012 | 468 | 187 | 2.5 |



[^37]Ratio of Active Members to Annuitants, continued

## Prosecuting Attorneys' Retirement Fund

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members | Annuitants${ }^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | ---: | ---: | :---: |
| 2003 | 218 | 17 | 12.8 |
| 2004 | 214 | 18 | 11.9 |
| 2005 | 220 | 18 | 12.2 |
| 2006 | 218 | 18 | 12.1 |
| 2007 | 206 | 20 | 10.3 |
| 2008 | 209 | 26 | 8.0 |
| 2009 | 221 | 50 | 4.4 |
| 2010 | 217 | 58 | 3.7 |
| 2011 | 212 | 76 | 2.8 |
| 2012 | 219 | 81 | 2.7 |



## Legislators' Defined Benefit Plan

| Fiscal Year <br> Ended <br> June 30 | Active <br> Members $^{1}$ | Annuitants $^{2}$ | Ratio Active <br> Members to <br> Annuitants |
| :---: | ---: | ---: | :---: |
| 2003 | 55 | 39 | 1.4 |
| 2004 | 50 | 39 | 1.3 |
| 2005 | 48 | 39 | 1.2 |
| 2006 | 46 | 39 | 1.2 |
| 2007 | 43 | 45 | 1.0 |
| 2008 | 34 | 44 | 0.8 |
| 2009 | 33 | 59 | 0.6 |
| 2010 | 20 | 61 | 0.3 |
| 2011 | 7 | 65 | 0.1 |
| 2012 | 6 | 63 | 0.1 |



[^38] ${ }^{2}$ Annuitants includes retirees, disabilitants, and beneficiaries.

#  <br> Schedule of Benefit Recipients by Type of Benefit Option <br> Fiscal Year Ended June 30, 2012 

## Total Benefit Recipients by Type of Benefit Option



5-Year Certain and Life - Provides a monthly benefit for retiree's life. If retiree receives benefits for at least five (5) years prior to death, there is no benefit payable to a designated beneficiary. In the event the retiree dies before receiving five (5) years of payments, the beneficiary receives the remainder of those five (5) years of monthly benefits, or the present value of those remaining payments in a lump sum.

Straight Life - Provides a monthly benefit for retiree's life. The benefit ceases upon the death of the retiree. If applicable, the balance of the retiree's Annuity Savings Account (ASA) is distributed to a designated beneficiary or estate if the remaining ASA is greater than the total payments previously paid to the retiree.

Modified Cash Refund Plus 5-Year Certain and Life - Provides a monthly benefit for retiree's life, including monthly annuitization of member's Annuity Savings Account (ASA). In the event the retiree dies before receiving five (5) years of payments, the beneficiary receives either a monthly benefit of the pension amount only for the remainder of the five (5) years of guaranteed pension payments, or the present value of those pension payments in a lump sum. If applicable, the balance of the retiree's ASA is distributed to a designated beneficiary or estate if the remaining ASA is greater than the ASA-related payments previously paid to the retiree.

Joint With 100\% Survivor Benefits - Provides a monthly benefit for retiree's life. Upon the death of the retiree, the qualified designated survivor receives $100 \%$ of the member's monthly benefit for the remainder of the survivor's life.

Joint With Two-Thirds Survivor Benefits - Provides a monthly benefit for retiree's life. Upon the death of the retiree, the qualified designated survivor receives $662 / 3$ percent of the member's monthly benefit for the remainder of the survivor's life.

Joint With One-Half Survivor Benefits - Provides a monthly benefit for retiree's life. Upon the death of the retiree, the qualified designated survivor receives 50 percent of themember's monthly benefit for the remainder of the survivor's life.

Social Security Integration - Provides a higher monthly benefit for a retiree between the ages 50 and 62 who elects to integrate social security with the monthly benefit. For PERF retirees, the monthly benefit is reduced at age 62 to no less than $\$ 180$ depending on the estimated monthly benefit from social security at age 62. For TRF retirees, social security integration can be incorporated with options 1-6 and the number of retirees electing social security integration is included in the number of retirees electing options 1-6. For TRF retirees, the monthly benefit is reduced or terminated at age 62 depending on the estimated monthly benefit from social security at age 62 .

Survivors - Members receiving a survivor benefit in accordance with the applicable statute for each retirement plan. The benefit ceases upon the death of the survivor.

Disability - Members receiving a disability benefit in accordance with the applicable statute for each retirement plan. For PERF, TRF, PARF and LEDB Plan, five (5) or more years of creditable service is required to be eligible for a disability benefit. There is no minimum creditable service requirement for the 1977 Fund, JRS and E,G,\&C Plan. For TRF, members may elect Classroom Disability (which provides a benefit of $\$ 125$ per month plus $\$ 5$ for each additional year of TRF-covered service over five (5) years) in lieu of the regular disability benefit.

Joint With 60\% Survivor Benefits - Provides a monthly benefit for retiree's life. Upon retiree's death, surviving spouse receives 60 percent of monthly benefit for life and each surviving child receives 20 percent of monthly benefit until age 18 or 23 if enrolled in a secondary school or accredited college or university. Fiscal Year Ended June 30, 2012

|  | Number of Benefit Recipients by Benefit Option |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount of Monthly Benefit (in dollars) | 5-Year Certain \& Life | Straight Life | Modified Cash Refund Plus 5-Year Certain \& Life | Joint <br> With <br> 100\% <br> Survivor <br> Benefits | Joint <br> With <br> TwoThirds Survivor Benefits | Joint With One-Half Survivor Benefits | Social Security Integration | Survivors | Disabled | Joint With 60\% Survivor Benefits | Total Benefit Recipients |
| Publicemployees' Retirement Fund |  |  |  |  |  |  |  |  |  |  |  |
| \$1-500 | 11,408 | 7,352 | 968 | 5,990 | 631 | 1,488 | 289 | 5,979 | 3,097 | N/A | 37,202 |
| 501-1,000 | 5,539 | 5,862 | 910 | 3,586 | 786 | 1,621 | 179 | 2,126 | 1,284 | N/A | 21,893 |
| 1,001-1,500 | 1,645 | 2,517 | 397 | 1,753 | 431 | 810 | 63 | 498 | 317 | N/A | 8,431 |
| 1,501-2,000 | 544 | 1,013 | 161 | 680 | 246 | 323 | 42 | 131 | 71 | N/A | 3,211 |
| 2,001-3,000 | 254 | 587 | 125 | 401 | 168 | 229 | 38 | 67 | 17 | N/A | 1,886 |
| over 3,000 | 43 | 129 | 22 | 70 | 42 | 44 | 8 | 11 | 0 | N/A | 369 |
| Total | 19,433 | 17,460 | 2,583 | 12,480 | 2,304 | 4,515 | 619 | 8,812 | 4,786 | N/A | 72,992 |

Teachers' Retirement Fund - Pre-1996 Account

| \$1-500 | 1,818 | 867 | 218 | 1,098 | 246 | 443 | Incl. 1-6 | 485 | 87 | N/A | 5,262 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 501-1,000 | 2,172 | 1,447 | 320 | 1,941 | 696 | 900 | Incl. 1-6 | 345 | 181 | N/A | 8,002 |
| 1,001-1,500 | 3,106 | 2,358 | 435 | 3,816 | 1,141 | 1,259 | Incl. 1-6 | 151 | 221 | N/A | 12,487 |
| 1,501-2,000 | 2,875 | 2,608 | 343 | 3,906 | 1,304 | 1,508 | Incl. 1-6 | 131 | 106 | N/A | 12,781 |
| 2,001-3,000 | 1,792 | 1,887 | 228 | 2,000 | 797 | 924 | Incl. 1-6 | 38 | 21 | N/A | 7,687 |
| over 3,000 | 181 | 204 | 19 | 188 | 87 | 91 | Incl. 1-6 | 11 | 0 | N/A | 781 |
| Total | 11,944 | 9,371 | 1,563 | 12,949 | 4,271 | 5,125 | Incl. 1-6 | 1,161 | 616 | N/A | 47,000 |
| Teachers' Retirement Fund - 1996 Account |  |  |  |  |  |  |  |  |  |  |  |
| \$1-500 | 147 | 85 | 16 | 101 | 16 | 23 | Incl. 1-6 | 23 | 50 | N/A | 461 |
| 501-1,000 | 193 | 152 | 39 | 181 | 31 | 60 | Incl. 1-6 | 20 | 41 | N/A | 717 |
| 1,001-1,500 | 171 | 124 | 29 | 162 | 45 | 52 | Incl. 1-6 | 3 | 11 | N/A | 597 |
| 1,501-2,000 | 132 | 102 | 21 | 153 | 46 | 69 | Incl. 1-6 | 4 | 5 | N/A | 532 |
| 2,001-3,000 | 99 | 98 | 19 | 181 | 45 | 76 | Incl. 1-6 | 3 | 5 | N/A | 526 |
| over 3,000 | 31 | 33 | 1 | 43 | 13 | 16 | Incl. 1-6 | 1 | 0 | N/A | 138 |
| Total | 773 | 594 | 125 | 821 | 196 | 296 | Incl. 1-6 | 54 | 112 | N/A | 2,971 |
| Teachers' Retirement Fund - Total |  |  |  |  |  |  |  |  |  |  |  |
| \$1-500 | 1,965 | 952 | 234 | 1,199 | 262 | 466 | Incl. 1-6 | 508 | 137 | N/A | 5,723 |
| 501-1,000 | 2,365 | 1,599 | 359 | 2,122 | 727 | 960 | Incl. 1-6 | 365 | 222 | N/A | 8,719 |
| 1,001-1,500 | 3,277 | 2,482 | 464 | 3,978 | 1,186 | 1,311 | Incl. 1-6 | 154 | 232 | N/A | 13,084 |
| 1,501-2,000 | 3,007 | 2,710 | 364 | 4,059 | 1,350 | 1,577 | Incl. 1-6 | 135 | 111 | N/A | 13,313 |
| 2,001-3,000 | 1,891 | 1,985 | 247 | 2,181 | 842 | 1,000 | Incl. 1-6 | 41 | 26 | N/A | 8,213 |
| over 3,000 | 212 | 237 | 20 | 231 | 100 | 107 | Incl. 1-6 | 12 | 0 | N/A | 919 |
| Total | 12,717 | 9,965 | 1,688 | 13,770 | 4,467 | 5,421 | Incl. 1-6 | 1,215 | 728 | N/A | 49,971 |

1977 Police Officers' and Firefighters' Pension and Disability Fund

| \$1-500 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11 | 0 | 0 | 11 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 501-1,000 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 137 | 27 | 10 | 174 |
| 1,001-1,500 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 304 | 121 | 163 | 588 |
| 1,501-2,000 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 89 | 241 | 499 | 829 |
| 2,001-3,000 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 43 | 285 | 1,098 | 1,426 |
| over 3,000 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 7 | 16 | 157 | 180 |
| Total | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 591 | 690 | 1,927 | 3,208 |


|  | Number of Benefit Recipients by Benefit Option |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount of Monthly Benefit (in dollars) | 5-Year Certain \& Life | Straight Life | Modified Cash Refund Plus 5-Year Certain \& Life | Joint <br> With <br> 100\% <br> Survivor <br> Benefits | Joint <br> With <br> Two- <br> Thirds <br> Survivor <br> Benefits | Joint With One-Half Survivor Benefits | Social Security Integration | Survivors | Disabled | Joint <br> With 60\% Survivor Benefits | Total Benefit Recipients |
| Judges' Retirement System |  |  |  |  |  |  |  |  |  |  |  |
| \$1-500 | N/A | N/A | N/A | N/A | N/A | 0 | N/A | 0 | 0 | N/A | 0 |
| 501-1,000 | N/A | N/A | N/A | N/A | N/A | 0 | N/A | 0 | 0 | N/A | 0 |
| 1,001-1,500 | N/A | N/A | N/A | N/A | N/A | 0 | N/A | 38 | 0 | N/A | 38 |
| 1,501-2,000 | N/A | N/A | N/A | N/A | N/A | 2 | N/A | 15 | 0 | N/A | 17 |
| 2,001-3,000 | N/A | N/A | N/A | N/A | N/A | 11 | N/A | 29 | 0 | N/A | 40 |
| over 3,000 | N/A | N/A | N/A | N/A | N/A | 197 | N/A | 16 | 3 | N/A | 216 |
| Total | N/A | N/A | N/A | N/A | N/A | 210 | N/A | 98 | 3 | N/A | 311 |

## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers'Retirement Plan

| $\$ 1-500$ | N/A | N/A | N/A | N/A | N/A | 2 | N/A | 17 | 0 | N/A | 19 |
| ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $501-1,000$ | N/A | N/A | N/A | N/A | N/A | 11 | N/A | 17 | 1 | N/A | 29 |
| $1,001-1,500$ | N/A | N/A | N/A | N/A | N/A | 15 | N/A | 7 | 0 | N/A | 22 |
| $1,501-2,000$ | N/A | N/A | N/A | N/A | N/A | 15 | N/A | 0 | 0 | N /A | 15 |
| $2,001-3,000$ | N/A | N/A | N/A | N/A | N/A | 66 | N/A | 0 | 1 | N/A | 67 |
| over 3,000 | N/A | N/A | N/A | N/A | N/A | 35 | N/A | 0 | 0 | N/A | 35 |
| Total | N/A | N/A | N/A | N/A | N/A | $\mathbf{1 4 4}$ | N/A | $\mathbf{4 1}$ | $\mathbf{2}$ | N/A | $\mathbf{1 8 7}$ |

## Prosecuting Attorneys'Retirement Fund

| \$1-500 | N/A | N/A | N/A | N/A | N/A | 6 | N/A | 2 | 0 | N/A | 8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 501-1,000 | N/A | N/A | N/A | N/A | N/A | 14 | N/A | 2 | 0 | N/A | 16 |
| 1,001-1,500 | N/A | N/A | N/A | N/A | N/A | 16 | N/A | 0 | 0 | N/A | 16 |
| 1,501-2,000 | N/A | N/A | N/A | N/A | N/A | 7 | N/A | 1 | 1 | N/A | 9 |
| 2,001-3,000 | N/A | N/A | N/A | N/A | N/A | 16 | N/A | 0 | 0 | N/A | 16 |
| over 3,000 | N/A | N/A | N/A | N/A | N/A | 16 | N/A | 0 | 0 | N/A | 16 |
| Total | N/A | N/A | N/A | N/A | N/A | 75 | N/A | 5 | 1 | N/A | 81 |

Legislators' Retirement System - Defined Benefit Plan

| \$1-500 | N/A | N/A | N/A | N/A | N/A | 27 | N/A | 12 | 0 | N/A | 39 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 501-1,000 | N/A | N/A | N/A | N/A | N/A | 22 | N/A | 1 | 0 | N/A | 23 |
| 1,001-1,500 | N/A | N/A | N/A | N/A | N/A | 1 | N/A | 0 | 0 | N/A | 1 |
| 1,501-2,000 | N/A | N/A | N/A | N/A | N/A | 0 | N/A | 0 | 0 | N/A | 0 |
| 2,001-3,000 | N/A | N/A | N/A | N/A | N/A | 0 | N/A | 0 | 0 | N/A | 0 |
| over 3,000 | N/A | N/A | N/A | N/A | N/A | 0 | N/A | 0 | 0 | N/A | 0 |
| Total | N/A | N/A | N/A | N/A | N/A | 50 | N/A | 13 | 0 | N/A | 63 |

# STATISTICAL SECTION <br> Schedule of Average Benefit Payments ${ }^{1}$ 

|  | Years of Credited Service |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Description | $<10^{2}$ | $10-14$ | $15-19$ | $20-24$ | $25-29$ | $30+$ | Total |

## Public Employees' Retirement Fund

## Fiscal Year Ended June 30, 2012

Average Monthly Defined Benefit Average Monthly ASA Annuity ${ }^{3}$ Average Final Average Salary Number of Benefit Recipients

| $\$$ | 156 | $\$$ | 265 | $\$$ | 363 | $\$$ | 504 | $\$$ | 701 | $\$$ | 1,139 | $\$$ | 555 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | 42 | $\$$ | 89 | $\$$ | 116 | $\$$ | 171 | $\$$ | 233 | $\$$ | 407 | $\$$ | 188 |
| $\$ 22,105$ | $\$$ | 21,993 | $\$$ | 24,513 | $\$ 26,534$ | $\$$ | 29,347 | $\$$ | 36,331 | $\$$ | 27,306 |  |  |
| 2,523 |  | 12,369 |  | 19,361 |  | 15,258 |  | 10,589 |  | 12,892 | 72,992 |  |  |

Fiscal Year Ended June 30, 2011
Average Monthly Defined Benefit Average Monthly ASA Annuity ${ }^{3}$ Average Final Average Salary

| $\$$ | 159 | $\$$ | 263 | $\$$ | 358 | $\$$ | 495 | $\$$ | 687 | $\$$ | 1,120 | $\$$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | 39 | $\$$ | 85 | $\$$ | 110 | $\$$ | 162 | $\$$ | 223 | $\$$ | 386 | $\$$ |
| $\$ 21,397$ | $\$$ | 21,487 | $\$$ | 24,034 | $\$ 25,883$ | $\$$ | 28,617 | $\$$ | 35,542 | $\$$ | 26,632 |  |
| 2,373 |  | 12,036 |  | 19,007 |  | 14,731 |  | 10,190 |  | 12,043 | 70,380 |  |

## Teachers' Retirement Fund - Pre-1996 Account

## Fiscal Year Ended June 30, 2012

Average Monthly Defined Benefit Average Monthly ASA Annuity ${ }^{3}$ Average Final Average Salary Number of Benefit Recipients

| \$ | 311 | $\$$ | 252 | $\$$ | 503 | $\$$ | 804 | $\$$ | 1,150 | $\$$ | 1,747 | $\$$ | 1,405 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | 14 | $\$$ | 101 | $\$$ | 101 | $\$$ | 126 | $\$$ | 156 | $\$$ | 222 | $\$$ | 187 |
| $\$ 23,116$ | $\$$ | 21,575 | $\$$ | 34,714 | $\$ 41,788$ | $\$$ | 47,172 | $\$$ | 54,014 | $\$$ | 49,136 |  |  |
| 39 |  | 1,178 |  | 3,719 |  | 5,366 |  | 7,672 |  | 29,026 | 47,000 |  |  |

Fiscal Year Ended June 30, 2011
Average Monthly Defined Benefit Average Monthly ASA Annuity ${ }^{3}$ Average Final Average Salary

Number of Benefit Recipients

| $\$$ | 239 | $\$$ | 250 | $\$$ | 493 | $\$$ | 785 | $\$$ | 1,130 | $\$$ | 1,722 | $\$$ | 1,376 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | 15 | $\$$ | 99 | $\$$ | 96 | $\$$ | 125 | $\$$ | 154 | $\$$ | 220 | $\$$ | 185 |
| $\$ 20,085$ | $\$$ | 21,205 | $\$$ | 33,684 | $\$ 40,472$ | $\$$ | 45,837 | $\$$ | 52,751 | $\$$ | 47,787 |  |  |
| 37 |  | 1,170 |  | 3,735 |  | 5,252 |  | 7,467 |  | 27,760 | 45,421 |  |  |

## Teachers' Retirement Fund - 1996 Account

## Fiscal Year Ended June 30, 2012

Average Monthly Defined Benefit Average Monthly ASA Annuity ${ }^{3}$ Average Final Average Salary Number of Benefit Recipients

| $\$$ | 274 | $\$$ | 444 | $\$$ | 682 | $\$$ | 995 | $\$$ | 1,401 | $\$$ | 2,124 | $\$$ | 1,391 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | 29 | $\$$ | 72 | $\$$ | 97 | $\$$ | 125 | $\$$ | 207 | $\$$ | 223 | $\$$ | 165 |
| $\$ 39,141$ | $\$$ | 43,284 | $\$$ | 48,634 | $\$$ | 55,970 | $\$$ | 60,295 | $\$$ | 69,381 | $\$$ | 59,171 |  |
|  | 33 |  | 308 |  | 577 |  | 411 |  | 420 |  | 1,222 | 2,971 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\$$ | 241 | $\$$ | 419 | $\$$ | 665 | $\$$ | 963 | $\$$ | 1,381 | $\$$ | 2,080 | $\$$ | 1,400 |
| $\$$ | 25 | $\$$ | 76 | $\$$ | 92 | $\$$ | 122 | $\$$ | 188 | $\$$ | 216 | $\$$ | 162 |
| $\$ 37,883$ | $\$$ | 40,581 | $\$$ | 47,337 | $\$ 54,686$ | $\$$ | 59,531 | $\$$ | 67,586 | $\$$ | 58,202 |  |  |
|  | 27 |  | 247 |  | 453 |  | 341 |  | 363 | 1,123 | 2,554 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

[^39]|  | Years of Credited Service |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Description | $<10^{2}$ | $10-14$ | $15-19$ | $20-24$ | $25-29$ | $30+$ | Total |

## 1977 Police Officers' and Firefighters' Pension and Disability Fund ${ }^{4}$

## Fiscal Year Ended June 30, 2012

Average Monthly Defined Benefit
Average Final Average Salary
Number of Benefit Recipients

| \$ 1,766 | \$ | 1,685 | \$ | 1,685 | \$ | 1,815 | \$ | 2,284 | \$ | 2,396 | \$ | 1,999 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ 40,609 | \$ | 45,578 | \$ | 43,738 | \$ | 42,368 | \$ | 45,510 | \$ | 47,219 | \$ | 44,173 |
| 251 |  | 215 |  | 266 |  | 1,178 |  | 822 |  | 476 |  | 3,208 |
| \$ 1,708 | \$ | 1,609 | \$ | 1,636 | \$ | 1,758 | \$ | 2,206 | \$ | 2,272 | \$ | 1,916 |
| \$ 40,474 | \$ | 44,601 | \$ | 43,597 | \$ | 41,438 | \$ | 44,731 | \$ | 47,365 | \$ | 43,362 |
| 241 |  | 208 |  | 264 |  | 1,102 |  | 755 |  | 396 |  | 2,966 |

## Judges' Retirement System

Fiscal Year Ended June 30, 2012
Average Monthly Defined Benefit
Average Final Average Salary
Number of Benefit Recipients

| $\$ 2,508$ | $\$ 4,006$ | $\$ 4,999$ | $\$ 4,265$ | $\$ 6,212$ | $\$ 6,230$ | $\$ 478$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$ 73,561$ | $\$ 114,043$ | $\$ 112,826$ | $\$ 114,625$ | $\$ 111,708$ | $\$ 122,579$ | $\$ 112,885$ |
| 74 | 67 | 48 | 63 | 34 | 25 | 311 |

Fiscal Year Ended June 30, 2011
Average Monthly Defined Benefit Average Final Average Salary Number of Benefit Recipients

| \$ 2,495 | \$ | 4,104 | \$ 5,043 | \$ 5,317 | \$ 6,337 | \$ 6,162 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ 57,717 | \$ | 113,387 | \$ 112,461 | \$113,606 | \$111,708 | \$ 120,715 |
| 75 |  | 66 | 47 | 64 | 35 | 23 |

## State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan

Fiscal Year Ended June 30, 2012
Average Monthly Defined Benefit
Average Final Average Salary
Number of Benefit Recipients

| $\$$ | 1,498 | $\$$ | - | $\$$ | 439 | $\$$ | 923 | $\$$ | 1,791 | $\$$ | 2,593 | $\$$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | - | $\$$ | - | $\$$ | 22,436 | $\$ 37,858$ | $\$ 45,830$ | $\$$ | 52,589 | $\$$ | 47,203 |  |
|  | 7 |  | 0 |  | 11 | 23 |  | 55 |  | 91 | 187 |  |

Fiscal Year Ended June 30, 2011
Average Monthly Defined Benefit
Average Final Average Salary
Number of Benefit Recipients

| $\$ 1,339$ | $\$$ | - | $\$$ | 439 | $\$$ | 894 | $\$$ | 1,757 | $\$$ | 2,507 | $\$$ | 1,884 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | - | $\$$ | - | $\$$ | 22,436 | $\$ 35,889$ | $\$$ | 45,638 | $\$$ | 50,797 | $\$$ | 45,695 |
|  | 8 |  | 0 |  | 11 |  | 23 |  | 54 |  | 80 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

[^40]
# STATISTICAL SECTION 

|  | Years of Credited Service |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Description | $<10^{2}$ | $10-14$ | $15-19$ | $20-24$ | $25-29$ | $30+$ | Total |

## Prosecuting Attorneys' Retirement Fund

Fiscal Year Ended June 30, 2012

| Average Monthly Defined Benefit | \$ 1,541 | \$ | 1,421 | \$ | 1,874 | \$ | 2,283 | \$ | 2,488 | \$ 2,496 | \$ | 1,821 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Final Average Salary | \$ 63,714 | \$ | 54,908 | \$ | 72,709 | \$ | 83,534 |  | 103,220 | \$ 110,167 | \$ | 72,130 |
| Number of Benefit Recipients | 17 |  | 21 |  | 21 |  | 13 |  | 5 | 4 |  | 81 |
| Fiscal Year Ended June 30, 2011 |  |  |  |  |  |  |  |  |  |  |  |  |
| Average Monthly Defined Benefit | \$ 1,541 | \$ | 1,413 | \$ | 1,831 | \$ | 2,252 | \$ | 2,219 | \$ 2,615 | \$ | 1,774 |
| Average Final Average Salary | \$ 58,939 | \$ | 55,721 | \$ | 69,668 | \$ | 79,113 | \$ | 95,745 | \$ 101,967 | \$ | 68,573 |
| Number of Benefit Recipients | 17 |  | 20 |  | 20 |  | 12 |  | 4 | 3 |  | 76 |

## Legislators' Retirement System - Defined Benefit Plan ${ }^{5}$

## Fiscal Year Ended June 30, 2012

Average Monthly Defined Benefit
Average Final Average Salary
Number of Benefit Recipients

| \$ | 341 | \$ | 356 | \$ | 458 | \$ | 629 | \$ | 699 | \$ | 669 | \$ | 461 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 7,078 | \$ | 19,636 | \$ | 27,391 | \$ | 32,868 | \$ | 27,614 | \$ | 31,870 | \$ | 27,195 |
|  | 8 |  | 22 |  | 16 |  | 7 |  | 3 |  | 7 |  | 63 |
| \$ | 341 | \$ | 348 | \$ | 448 | \$ | 563 | \$ | 699 | \$ | 645 | \$ | 456 |
| \$ | 7,078 | \$ | 18,880 | \$ | 30,641 | \$ | 32,804 | \$ | 27,614 | \$ | 32,151 | \$ | 28,439 |
|  | 8 |  | 21 |  | 15 |  | 10 |  | 3 |  | 8 |  | 65 |

[^41]Fiscal Year Ended June 30
(amounts in dollars)

|  |  | State Employees' Death Benefit Fund ${ }^{1}$ |  | Public Safety Officers' Special Death Benefit Fund ${ }^{2}$ |  |  | Pension Relief Fund ${ }^{3}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2003 | Average Death Benefit | \$ | 50,000 | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | 4 |  | 1 |  | 1 |
| 2004 | Average Death Benefit | \$ | 50,000 | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | 1 |  | 4 |  | 2 |
| 2005 | Average Death Benefit | \$ | 50,000 | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | 2 |  | 2 |  | 3 |
| 2006 | Average Death Benefit | \$ | 50,000 | \$ | 150,000 | \$ | - |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | 1 |  | 1 |  | - |
| 2007 | Average Death Benefit | \$ | - | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | - |  | 1 |  | 1 |
| 2008 | Average Death Benefit | \$ | - | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | - |  | 3 |  | 3 |
| 2009 | Average Death Benefit | \$ | 50,000 | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | 1 |  | 2 |  | 1 |
| 2010 | Average Death Benefit | \$ | - | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | - |  | 3 |  | 3 |
| 2011 | Average Death Benefit | \$ | - | \$ | 150,000 | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | - |  | 1 |  | 3 |
| 2012 | Average Death Benefit | \$ | 50,000 | \$ | - | \$ | 150,000 |
|  | Average Final Average Salary |  | N/A |  | N/A |  | N/A |
|  | Number of Benefit Recipients |  | 1 |  | - |  | 1 |

1 Lump sum death benefit of $\$ 50,000$ paid to the surviving spouse or child(ren) of a state employee who dies in the line of duty as defined in statute (IC 5-10-11).
2 Lump sum death benefit of $\$ 150,000$ paid to the surviving spouse or child(ren) of a public safety officer who dies in the line of duty as defined in statute (IC 5-10-10). If there is no surviving spouse or child(ren), benefit is paid to the parent(s).
3Lump sum death benefit of $\$ 150,000$ paid to the surviving spouse or child(ren) of a member of the 1977 Fund who dies in the line of duty as defined in statute (IC 36-8-8-20). If there is no surviving spouse or child(ren), benefit is paid to the parent(s).

# statistical section 

Public Employees' Retirement Fund (PERF)

| Participating Employer | June 30, 2012 |  |  | June 30, 2003 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Covered Members | Rank | Percentage of Total PERF | Covered Members | Rank | Percentage of Total PERF |
| Top 10 Employers |  |  |  |  |  |  |
| State of Indiana | 29,509 | 1 | 20.3\% | 39,423 | 1 | 27.5\% |
| Indiana University | 6,585 | 2 | 4.5 | 7,269 | 2 | 5.1 |
| Purdue University | 4,658 | 3 | 3.2 | 4,655 | 3 | 3.3 |
| Health \& Hospital Corporation - Marion County | 3,827 | 4 | 2.6 | 3,584 | 4 | 2.5 |
| Marion County | 2,813 | 5 | 2.0 | 2,597 | 5 | 1.8 |
| Indianapolis Public Schools | 2,073 | 6 | 1.4 | 2,434 | 6 | 1.7 |
| Fort Wayne Community Schools | 1,880 | 7 | 1.3 | 2,004 | 7 | 1.4 |
| City of Indianapolis | 1,614 | 8 | 1.1 | 1,917 | 8 | 1.3 |
| Lake County | 1,500 | 9 | 1.0 | 1,815 | 9 | 1.3 |
| South Bend Community School Corporation | 1,437 | 10 | 1.0 | 1,386 | 10 | 1.0 |
| Total - "Top 10" Employers | 55,896 |  | 38.4 | 67,084 |  | 46.9 |
| All Other (1,128 Employers in 2012; 1,055 Employers in 2003) | 89,623 |  | 61.6 | 75,998 |  | 53.1 |
| Grand Total (1,138 Employers in 2012; 1,065 Employers in 2003) | 145,519 |  | 100.0\% | 143,082 |  | 100.0\% |

## Teachers' Retirement Fund (TRF)

| Participating Employer | June 30, 2012 |  |  | June 30, 2003 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Covered Members | Rank | Percentage of Total TRF | Covered Members | Rank | Percentage of Total TRF |
| Top 10 Employers |  |  |  |  |  |  |
| Indianapolis Public Schools | 2,790 | 1 | 4.0\% | 3,575 | 1 | 4.9\% |
| Fort Wayne Community Schools | 2,306 | 2 | 3.3 | 2,226 | 2 | 3.0 |
| Evansville-Vanderburgh School Corporation | 1,655 | 3 | 2.3 | 1,683 | 3 | 2.3 |
| South Bend Community School Corporation | 1,573 | 4 | 2.2 | 1,640 | 4 | 2.2 |
| Wayne Township Metropolitan School District | 1,150 | 5 | 1.6 | 1,055 | 8 | 1.4 |
| Hamilton Southeastern Schools | 1,142 | 6 | 1.6 |  |  |  |
| Vigo County School Corporation | 1,120 | 7 | 1.6 | 1,186 | 6 | 1.6 |
| Carmel Clay Schools | 1,114 | 8 | 1.6 |  |  |  |
| Hammond Public Schools | 1,048 | 9 | 1.5 | 981 | 10 | 1.3 |
| Elkhart Community Schools | 1,013 | 10 | 1.4 | 986 | 9 | 1.4 |
| Gary Community School Corporation |  |  |  | 1,570 | 5 | 2.1 |
| Lawrence Township Metropolitan School District |  |  |  | 1,136 | 7 | 1.6 |
| Total - "Top 10" Employers | 14,911 |  | 21.1 | 16,038 |  | 21.8 |
| All Other ( 357 Employers in 2012; 324 Employers in 2003) | 55,662 |  | 78.9 | 57,603 |  | 78.2 |
| Grand Total (367 Employers in 2012; 334 Employers in 2003) | 70,573 |  | 100.0\% | 73,641 |  | 100.0\% |

## 1977 Police Officers' and Firefighters' <br> Pension and Disability Fund (1977 Fund)

| Participating Employer | June 30, 2012 |  |  | June 30, 2003 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Covered Members | Rank | Percentage of Total 1977 Fund | Covered Members | Rank | Percentage of Total 1977 Fund |
| Top 10 Employers |  |  |  |  |  |  |
| City of Indianapolis | 2,440 | 1 | 18.2\% | 1,569 | 1 | 14.6\% |
| City of Fort Wayne | 785 | 2 | 5.9 | 692 | 2 | 6.4 |
| City of Evansville | 546 | 3 | 4.1 | 469 | 3 | 4.4 |
| City of South Bend | 483 | 4 | 3.6 | 405 | 5 | 3.8 |
| City of Gary | 468 | 5 | 3.5 | 466 | 4 | 4.3 |
| City of Hammond | 364 | 6 | 2.7 | 343 | 6 | 3.2 |
| City of Terre Haute | 274 | 7 | 2.0 | 256 | 7 | 2.4 |
| City of Lafayette | 265 | 8 | 2.0 | 221 | 9 | 2.1 |
| City of Carmel | 264 | 9 | 2.0 | 208 | 10 | 1.9 |
| City of Anderson | 243 | 10 | 1.8 | 229 | 8 | 2.1 |
| Total - "Top 10" Employers | 6,132 |  | 45.8 | 4,858 |  | 45.2 |
| All Other (152 Employers in 2012; 146 Employers in 2003) | 7,258 |  | 54.2 | 5,879 |  | 54.8 |
| Grand Total (162 Employers in 2012; 156 Employers in 2003) | 13,390 |  | 100.0\% | 10,737 |  | 100.0\% |

■ PERF = Public Employees' Retirement Fund

- TRF = Teachers' Retirement Fund
- 1977 Fund = 1977 Police Officers' and Firefighters' Pension and

Disability Fund

- JRS = Judges' Retirement System

■ E, G, \& C Plan = State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan
■ PARF = Prosecuting Attorneys' Retirement Fund

- LE = Legislators' Retirement System

Fiscal Year Ended June 30, 2012

| Employers | Total ${ }^{1}$ | PERF | TRF | $\begin{aligned} & 1977 \\ & \text { Fund } \end{aligned}$ | JRS | $\begin{aligned} & \text { E,G,\&C } \\ & \text { Plan } \end{aligned}$ | PARF | LE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State | 18 | 17 | 4 | - | 1 | 1 | 1 | 1 |
| Counties | 85 | 85 | - | - | - | - | - | - |
| Cities | 117 | 110 | - | 116 | - | - | - | - |
| Towns | 194 | 191 | - | 31 | - | - | - | - |
| Townships | 149 | 147 | - | 15 | - | - | - | - |
| School Districts \& Education | 369 | 333 | 363 | - | - | - | - | - |
| Other | 255 | 255 | - | - | - | - | - | - |
| Total | 1,187 | 1,138 | 367 | 162 | 1 | 1 | 1 | 1 |

${ }^{1}$ Sum of individual employers by retirement plan does not equal total employers, since one (1) employer may participate in multiple retirement plans.


■ PERF = Public Employees' Retirement Fund
■ TRF = Teachers' Retirement Fund
■ 1977 Fund = 1977 Police Officers' and Firefighters' Pension and Disability Fund
■ JRS = Judges' Retirement System
■ E, G, \& C Plan = State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan
■ PARF = Prosecuting Attorneys' Retirement Fund
■ LE = Legislators' Retirement System

## State: Total (18); PERF(17); TRF (4); Other Plans (4)

## Fiscal Year Ended June 30, 2012

Employer's Name

| State of Indiana | PERF, JRS, E,G,\&C Plan, PARF, LE |
| :--- | :--- |
| Ball State University | PERF, TRF |
| Indiana Board for Depositories | PERF |
| Indiana Bond Bank | PERF |
| Indiana Finance Authority | PERF |
| Indiana Housing and Community Development Authority | PERF |
| Indiana Stadium and Convention Building Authority | PERF |
| Indiana State Fair Commission | PERF |
| Indiana State University | PERF |
| Indiana University | PERF |
| Ivy Tech Community College | PERF |
| Northwest Indiana Law Enforcement Academy | PERF |
| Public Employees' Retirement Fund | PERF |
| Purdue University | PRF |
| Teachers' Retirement Fund | PERF, TRF |
| University of Southern Indiana | PERF |
| Vincennes University |  |
| White River State Park Development Commission |  |

## Counties: Total (85); PERF (85)

Fiscal Year Ended June 30, 2012
Employer's Name

| Adams County | PERF |
| :---: | :---: |
| Allen County | PERF |
| Bartholomew County | PERF |
| Blackford County | PERF |
| Boone County | PERF |
| Brown County | PERF |
| Carroll County | PERF |
| Cass County | PERF |
| Clark County | PERF |
| Clay County | PERF |
| Clinton County | PERF |
| Crawford County | PERF |
| Daviess County | PERF |
| Dearborn County | PERF |
| Decatur County | PERF |
| DeKalb County | PERF |
| Delaware County | PERF |
| Dubois County | PERF |
| Elkhart County | PERF |
| Fayette County | PERF |
| Floyd County | PERF |
| Franklin County | PERF |
| Fulton County | PERF |
| Gibson County | PERF |
| Grant County | PERF |
| Greene County | PERF |
| Hamilton County | PERF |
| Hancock County | PERF |
| Harrison County | PERF |
| Hendricks County | PERF |
| Henry County | PERF |
| Howard County | PERF |
| Huntington County | PERF |
| Jackson County | PERF |
| Jasper County | PERF |
| Jay County | PERF |
| Jefferson County | PERF |
| Johnson County | PERF |
| Knox County | PERF |
| Kosciusko County | PERF |
| LaGrange County | PERF |
| Lake County | PERF |
| LaPorte County | PERF |

# STATISTICAL SECTION <br> Schedule of Participating Employers, continued 

## Counties: Total (85); PERF (85)

Fiscal Year Ended June 30, 2012
Employer's Name

| Lawrence County | PERF |
| :--- | :--- |
| Madison County | PERF |
| Marion County | PERF |
| Marshall County | PERF |
| Martin County | PERF |
| Miami County | PERF |
| Monroe County | PERF |
| Montgomery County | PERF |
| Morgan County | PERF |
| Newton County | PERF |
| Noble County | PERF |
| Orange County | PERF |
| Owen County | PERF |
| Parke County | PERF |
| Perry County | PERF |
| Pike County | PERF |
| Porter County | PERF |
| Posey County | PERF |
| Pulaski County | PERF |
| Putnam County | PERF |
| Randolph County | PERF |
| Ripley County | PERF |
| Rush County | PERF |
| Scott County | PERF |
| Shelby County | PERF |
| Spencer County | PERF |
| St. Joseph County | PERF |
| Starke County | PERF |
| Steuben County | PERF |
| Tippecanoe County | PERF |
| Union County | PERF |
| Vanderburgh County | PERF |
| Vermillion County | PERF |
| Vigo County | PERF |
| Wabash County | PERF |
| Warren County |  |
|  |  |
|  |  |

## Cities: Total (117); PERF (110); 1977 Fund (116)

Fiscal Year Ended June 30, 2012

| Employer's Name | Fund |
| :---: | :---: |
| City of Alexandria | PERF, 1977 Fund |
| City of Anderson | PERF, 1977 Fund |
| City of Angola | PERF, 1977 Fund |
| City of Attica | PERF, 1977 Fund |
| City of Auburn | PERF, 1977 Fund |
| City of Aurora | PERF, 1977 Fund |
| City of Austin | PERF, 1977 Fund |
| City of Batesville | PERF, 1977 Fund |
| City of Bedford | PERF, 1977 Fund |
| City of Beech Grove | PERF, 1977 Fund |
| City of Berne | PERF, 1977 Fund |
| City of Bicknell | 1977 Fund |
| City of Bloomington | PERF, 1977 Fund |
| City of Bluffton | PERF, 1977 Fund |
| City of Boonville | PERF, 1977 Fund |
| City of Brazil | 1977 Fund |
| City of Butler | PERF, 1977 Fund |
| City of Cannelton | 1977 Fund |
| City of Carmel | PERF, 1977 Fund |
| City of Charlestown | PERF, 1977 Fund |
| City of Clinton | PERF, 1977 Fund |
| City of Columbia City | PERF, 1977 Fund |
| City of Columbus | PERF, 1977 Fund |
| City of Connersville | PERF, 1977 Fund |
| City of Covington | 1977 Fund |
| City of Crawfordsville | PERF, 1977 Fund |
| City of Crown Point | PERF, 1977 Fund |
| City of Decatur | PERF, 1977 Fund |
| City of Delphi | PERF, 1977 Fund |
| City of Dunkirk | PERF, 1977 Fund |
| City of East Chicago | PERF, 1977 Fund |
| City of Elkhart | PERF, 1977 Fund |
| City of Elwood | PERF, 1977 Fund |
| City of Evansville | PERF, 1977 Fund |
| City of Fort Wayne | PERF, 1977 Fund |
| City of Frankfort | PERF, 1977 Fund |
| City of Franklin | PERF, 1977 Fund |
| City of Garrett | PERF, 1977 Fund |
| City of Gary | PERF, 1977 Fund |
| City of Gas City | PERF, 1977 Fund |
| City of Goshen | PERF, 1977 Fund |
| City of Greencastle | PERF, 1977 Fund |

# STATISTICAL SECTION 

## Cities: Total (117); PERF (110); 1977 Fund (116)

Fiscal Year Ended June 30, 2012

| Employer's Name | Fund |
| :---: | :---: |
| City of Greendale | PERF, 1977 Fund |
| City of Greenfield | PERF, 1977 Fund |
| City of Greensburg | PERF, 1977 Fund |
| City of Greenwood | PERF, 1977 Fund |
| City of Hammond | PERF, 1977 Fund |
| City of Hartford City | PERF, 1977 Fund |
| City of Hobart | PERF, 1977 Fund |
| City of Huntingburg | PERF, 1977 Fund |
| City of Huntington | PERF, 1977 Fund |
| City of Indianapolis | PERF, 1977 Fund |
| City of Jasonville | PERF, 1977 Fund |
| City of Jasper | PERF, 1977 Fund |
| City of Jeffersonville | PERF, 1977 Fund |
| City of Jonesboro | PERF, 1977 Fund |
| City of Kendallville | PERF, 1977 Fund |
| City of Knox | PERF, 1977 Fund |
| City of Kokomo | PERF, 1977 Fund |
| City of Lafayette | PERF, 1977 Fund |
| City of Lake Station | PERF, 1977 Fund |
| City of LaPorte | PERF, 1977 Fund |
| City of Lawrence | PERF, 1977 Fund |
| City of Lawrenceburg | PERF, 1977 Fund |
| City of Lebanon | PERF, 1977 Fund |
| City of Ligonier | PERF, 1977 Fund |
| City of Linton | PERF, 1977 Fund |
| City of Logansport | PERF, 1977 Fund |
| City of Loogootee | PERF, 1977 Fund |
| City of Madison | PERF, 1977 Fund |
| City of Marion | PERF, 1977 Fund |
| City of Martinsville | PERF, 1977 Fund |
| City of Michigan City | PERF, 1977 Fund |
| City of Mishawaka | PERF, 1977 Fund |
| City of Mitchell | PERF, 1977 Fund |
| City of Monticello | PERF, 1977 Fund |
| City of Montpelier | PERF, 1977 Fund |
| City of Mount Vernon | 1977 Fund |
| City of Muncie | PERF, 1977 Fund |
| City of Nappanee | PERF, 1977 Fund |
| City of New Albany | PERF, 1977 Fund |
| City of New Castle | PERF, 1977 Fund |
| City of New Haven | PERF, 1977 Fund |
| City of Noblesville | PERF, 1977 Fund |

## Cities: Total (117); PERF (110); 1977 Fund (116)

## Fiscal Year Ended June 30, 2012

Employer's Name

## Fund

| City of North Vernon | PERF, 1977 Fund |
| :--- | :--- |
| City of Oakland City | PERF, 1977 Fund |
| City of Peru | PERF, 1977 Fund |
| City of Petersburg | PERF, 1977 Fund |
| City of Plymouth | PERF, 1977 Fund |
| City of Portage | PERF, 1977 Fund |
| City of Portland | PERF, 1977 Fund |
| City of Princeton | PERF, 1977 Fund |
| City of Rensselaer | PERF, 1977 Fund |
| City of Richmond | PERF, 1977 Fund |
| City of Rising Sun | PERF, 1977 Fund |
| City of Rochester | PERF |
| City of Rockport | PERF, 1977 Fund |
| City of Rushville | PERF, 1977 Fund |
| City of Salem | PERF, 1977 Fund |
| City of Scottsburg | PERF, 1977 Fund |
| City of Seymour | PERF, 1977 Fund |
| City of Shelbyville | PERF, 1977 Fund |
| City of South Bend | 1977 Fund |
| City of Sullivan | PERF, 1977 Fund |
| City of Tell City | PERF, 1977 Fund |
| City of Terre Haute | 1977 Fund |
| City of Tipton | PERF, 1977 Fund |
| City of Union City | PERF, 1977 Fund |
| City of Valparaiso | PERF, 1977 Fund |
| City of Vincennes | PERF, 1977 Fund |
| City of Wabash | PERF, 1977 Fund |
| City of Warsaw | PERF, 1977 Fund |
| City of Washington | PERF, 1977 Fund |
| City of West Lafayette | PERF, 1977 Fund |
| City of Westfield | PERF, 1977 Fund |
| City of Whiting | PERF, 1977 Fund |
| City of Winchester |  |
|  |  |

## Towns: Total (194); PERF(191); 1977 Fund (31)

## Fiscal Year Ended June 30, 2012

Employer's Name
Fund

| Town of Advance | PERF |
| :---: | :---: |
| Town of Akron | PERF |
| Town of Albany | PERF |
| Town of Albion | PERF |
| Town of Andrews | PERF |
| Town of Arcadia | PERF |
| Town of Argos | PERF, 1977 Fund |
| Town of Ashley | PERF |
| Town of Atlanta | PERF |
| Town of Avilla | PERF |
| Town of Avon | 1977 Fund |
| Town of Bainbridge | PERF |
| Town of Bargersville | PERF, 1977 Fund |
| Town of Battle Ground | PERF |
| Town of Birdseye | PERF |
| Town of Bloomfield | PERF |
| Town of Boswell | PERF |
| Town of Bourbon | PERF |
| Town of Bremen | PERF, 1977 Fund |
| Town of Brook | PERF |
| Town of Brookston | PERF |
| Town of Brookville | PERF |
| Town of Brownsburg | PERF, 1977 Fund |
| Town of Bunker Hill | PERF |
| Town of Burlington | PERF |
| Town of Burns Harbor | PERF |
| Town of Cambridge City | PERF |
| Town of Campbellsburg | PERF |
| Town of Carbon | PERF |
| Town of Carlisle | PERF |
| Town of Cedar Lake | PERF, 1977 Fund |
| Town of Centerville | PERF |
| Town of Chandler | PERF |
| Town of Chesterfield | PERF |
| Town of Chesterton | PERF, 1977 Fund |
| Town of Chrisney | PERF |
| Town of Cicero | PERF, 1977 Fund |
| Town of Clarks Hill | PERF |
| Town of Clarksville | PERF, 1977 Fund |
| Town of Clear Lake | PERF |
| Town of Cloverdale | PERF |
| Town of Colfax | PERF |
| Town of Converse | PERF |

## Towns: Total (194); PERF (191); 1977 Fund (31)

 Fiscal Year Ended June 30, 2012| Employer's Name | Fund |
| :---: | :---: |
| Town of Corydon | PERF |
| Town of Crothersville | PERF |
| Town of Culver | PERF |
| Town of Cumberland | PERF |
| Town of Daleville | PERF |
| Town of Danville | PERF, 1977 Fund |
| Town of Darlington | PERF |
| Town of Dayton | PERF |
| Town of Dillsboro | PERF |
| Town of Dublin | PERF |
| Town of Dugger | PERF |
| Town of Dyer | PERF, 1977 Fund |
| Town of Eaton | PERF |
| Town of Edinburgh | PERF |
| Town of Edgewood | PERF |
| Town of Ellettsville | PERF |
| Town of Fairmount | PERF |
| Town of Farmland | PERF |
| Town of Fishers | PERF, 1977 Fund |
| Town of Flora | PERF |
| Town of Fort Branch | PERF |
| Town of Fortville | PERF |
| Town of Frankton | PERF |
| Town of Fremont | PERF |
| Town of French Lick | PERF |
| Town of Gaston | PERF |
| Town of Geneva | PERF |
| Town of Grabill | PERF |
| Town of Grandview | PERF |
| Town of Greentown | PERF |
| Town of Griffith | PERF, 1977 Fund |
| Town of Hagerstown | PERF |
| Town of Hamilton | PERF |
| Town of Hamlet | PERF |
| Town of Hanover | PERF |
| Town of Harmony | PERF |
| Town of Hebron | PERF |
| Town of Highland | PERF, 1977 Fund |
| Town of Huntertown | PERF |
| Town of Jamestown | PERF |
| Town of Kingsford Heights | PERF |
| Town of Knightstown | PERF |
| Town of Ladoga | PERF |

Towns: Total (194); PERF (191); 1977 Fund (31)
Fiscal Year Ended June 30, 2012
Employer's Name

| Town of Lafontaine | PERF |
| :---: | :---: |
| Town of LaGrange | PERF |
| Town of Lagro | PERF |
| Town of Lapaz | PERF |
| Town of Lapel | PERF |
| Town of Lewisville | PERF |
| Town of Liberty | PERF |
| Town of Long Beach | PERF |
| Town of Lowell | PERF, 1977 Fund |
| Town of Lynn | PERF |
| Town of Markle | PERF |
| Town of Matthews | PERF |
| Town of McCordsville | PERF |
| Town of Mentone | PERF |
| Town of Merrillville | PERF, 1977 Fund |
| Town of Middletown | PERF |
| Town of Milan | PERF |
| Town of Millersburg | PERF |
| Town of Milton | PERF |
| Town of Monon | PERF |
| Town of Monroe | PERF |
| Town of Monroe City | PERF |
| Town of Monroeville | PERF |
| Town of Montgomery | PERF |
| Town of Mooresville | PERF, 1977 Fund |
| Town of Morocco | PERF |
| Town of Mount Summit | PERF |
| Town of Mulberry | PERF |
| Town of Munster | PERF, 1977 Fund |
| Town of Nashville | PERF |
| Town of New Carlisle | PERF |
| Town of New Chicago | PERF, 1977 Fund |
| Town of New Harmony | PERF |
| Town of New Palestine | PERF |
| Town of New Pekin | PERF |
| Town of New Ross | PERF |
| Town of New Whiteland | PERF |
| Town of Newburgh | PERF, 1977 Fund |
| Town of North Judson | PERF |
| Town of North Liberty | PERF |
| Town of North Manchester | PERF |
| Town of North Webster | PERF |
| Town of Oaktown | PERF |

## Towns: Total (194); PERF(191); 1977 Fund (31)

Fiscal Year Ended June 30, 2012

## Employer's Name

| Town of Odon | PERF |
| :---: | :---: |
| Town of Ogden Dunes | PERF |
| Town of Oolitic | PERF |
| Town of Orland | PERF |
| Town of Orleans | PERF |
| Town of Osgood | PERF |
| Town of Ossian | PERF, 1977 Fund |
| Town of Otterbein | PERF |
| Town of Paoli | PERF |
| Town of Paragon | PERF |
| Town of Pendleton | PERF |
| Town of Pierceton | PERF |
| Town of Pittsboro | PERF |
| Town of Plainfield | PERF, 1977 Fund |
| Town of Porter | PERF, 1977 Fund |
| Town of Poseyville | PERF |
| Town of Prince's Lakes | PERF |
| Town of Remington | PERF |
| Town of Roachdale | PERF |
| Town of Rockville | PERF |
| Town of Rome City | PERF |
| Town of Rossville | PERF |
| Town of Royal Center | PERF |
| Town of Russiaville | PERF |
| Town of Schererville | PERF, 1977 Fund |
| Town of Sellersburg | PERF, 1977 Fund |
| Town of Sharpsville | PERF |
| Town of Shelburn | PERF |
| Town of Shoals | PERF |
| Town of South Whitley | PERF |
| Town of Speedway | PERF, 1977 Fund |
| Town of Spencer | PERF |
| Town of Spiceland | PERF |
| Town of St. John | PERF, 1977 Fund |
| Town of St. Leon | PERF |
| Town of St. Paul | PERF |
| Town of Summitville | PERF |
| Town of Sweetser | PERF |
| Town of Tennyson | PERF |
| Town of Thorntown | PERF |
| Town of Topeka | PERF |
| Town of Trafalgar | 1977 Fund |
| Town of Trail Creek | PERF |

Schedule of Participating Employers, continued

## Towns: Total (194); PERF (191); 1977 Fund (31)

Fiscal Year Ended June 30, 2012
Employer's Name Fund

| Town of Van Buren | PERF |
| :--- | :--- |
| Town of Versailles | PERF |
| Town of Walkerton | PERF |
| Town of Wanatah | PERF |
| Town of Waterloo | PERF |
| Town of West Baden Springs | PERF |
| Town of West Terre Haute | PERF |
| Town of Westport | PERF |
| Town of Whiteland | PERF |
| Town of Whitestown | PERF,1977 Fund |
| Town of Williamsport | PERF |
| Town of Winamac | PERF |
| Town of Windfall | PERF |
| Town of Winfield | PERF |
| Town of Winona Lake | PERF |
| Town of Winslow | PERF |
| Town of Wolcott | PERF |
| Town of Wolcottville | PERF |
| Town of Woodburn | PERF |
| Town of Worthington | PERF, 1977 Fund Fund |
| Town of Yorktown |  |
| Town of Zionsville |  |

## Townships: Total (149); PERF (147); 1977 Fund (15)

Fiscal Year Ended June 30, 2012

Employer's Name

| Aboite Township-Allen County | PERF |
| :---: | :---: |
| Adams Township-Allen County | PERF |
| Adams Township-Hamilton County | PERF |
| Adams Township-Parke County | PERF |
| Anderson Township-Madison County | PERF |
| Bainbridge Township-Dubois County | PERF |
| Beaver Township-Newton County | PERF |
| Beech Creek Township-Greene County | PERF |
| Bloomfield Township-LaGrange County | PERF |
| Bloomington Township-Monroe County | PERF |
| Bourbon Township-Marshall County | PERF |
| Brown Township-Morgan County | PERF, 1977 Fund |
| Buck Creek Township-Hancock County | PERF, 1977 Fund |
| Calumet Township-Lake County | PERF |
| Cedar Creek Township-Lake County | PERF |
| Center Township-Boone County | PERF, 1977 Fund |
| Center Township-Delaware County | PERF |
| Center Township-Grant County | PERF |
| Center Township-Hendricks County | PERF |
| Center Township-Howard County | PERF |
| Center Township-Lake County | PERF |
| Center Township-Marion County | PERF |
| Center Township-Marshall County | PERF |
| Center Township-Porter County | PERF |
| Center Township-Vanderburgh County | PERF |
| Centre Township-St. Joseph County | PERF |
| Charlestown Township-Clark County | PERF |
| Chester Township-Wabash County | PERF |
| Clay Township-Hamilton County | PERF |
| Clay Township-St. Joseph County | PERF |
| Clear Creek Township-Monroe County | PERF |
| Cleveland Township-Elkhart County | PERF |
| Clinton Township-Vermillion County | PERF |
| Columbia Township-Whitley County | PERF |
| Columbus Township-Bartholomew County | PERF |
| Concord Township-Elkhart County | PERF |
| Decatur Township-Marion County | PERF, 1977 Fund |
| Delaware Township-Hamilton County | PERF |
| Eel River Township-Hendricks County | PERF |
| Etna-Troy Township-Whitley County | PERF |
| Fairfield Township-Tippecanoe County | PERF |
| Franklin Township-Harrison County | PERF |
| Franklin Township-Marion County | PERF, 1977 Fund |

# STATISTICAL SECTION <br> Schedule of Participating Employers, continued 

Townships: Total(149); PERF (147); 1977 Fund (15)
Fiscal Year Ended June 30, 2012

Employer's Name

| Georgetown Township-Floyd County | PERF |
| :---: | :---: |
| German Township-Marshall County | PERF |
| Grant Township-Newton County | PERF |
| Guilford Civil Township-Hendricks County | PERF |
| Hanover Township-Lake County | PERF |
| Hanover Township-Shelby County | PERF |
| Harrison Township-Vigo County | PERF |
| Helt Township-Vermillion County | PERF |
| Henry Township-Henry County | PERF |
| Highland Township-Greene County | PERF |
| Hobart Township-Lake County | PERF |
| Honey Creek Township-Vigo County | PERF |
| Huntington Township-Huntington County | PERF |
| Jackson Township-Harrison County | PERF |
| Jackson Township-Jackson County | PERF |
| Jackson Township-Wayne County | PERF |
| Jamestown Township-Steuben County | PERF |
| Jefferson Township-Grant County | PERF |
| Jefferson Township-Greene County | PERF |
| Jefferson Township-Pike County | PERF |
| Jefferson Township-Whitley County | PERF |
| Jeffersonville Township-Clark County | PERF |
| Johnson Township-LaGrange County | PERF |
| Knight Township-Vanderburgh County | PERF |
| Lafayette Township-Floyd County | PERF |
| Lake Township-Kosciusko County | PERF |
| Lawrence Township-Marion County | PERF, 1977 Fund |
| Liberty Township-Porter County | PERF |
| Lost Creek Township-Vigo County | PERF |
| Madison Township-Dubois County | PERF |
| Madison Township-Jefferson County | PERF |
| Madison Township-Pike County | PERF |
| Marion Township-Jasper County | PERF |
| Michigan Township-LaPorte County | PERF |
| Middle Township-Hendricks County | 1977 Fund |
| Middlebury Township-Elkhart County | PERF |
| Milan Township-Allen County | PERF |
| New Albany Township-Floyd County | PERF |
| Newbury Township-LaGrange County | PERF |
| Noble Township-Wabash County | PERF |
| Noblesville Township-Hamilton County | PERF |
| North Civil Township-Lake County | PERF |
| Ohio Township-Warrick County | PERF |

Townships: Total(149); PERF(147); 1977 Fund (15)
Fiscal Year Ended June 30, 2012

## Employer's Name

Patoka Township-Gibson County
Penn Civil Township-St. Joseph County
Perry-Clear Creek Township-Monroe County
Perry Township-Allen County
Perry Township-Marion County
Perry Township-Martin County
Perry Township-Monroe County
Perry Township-Vanderburgh County
Peru Township-Miami County
Pigeon Township-Vanderburgh County

| Pike Township-Marion County |
| :--- |
| Pipecreek Township-Madison County |

Pleasant Township-Johnson County
Pleasant Township-Steuben County

| Pleasant Township-Wabash County | PERF |
| :--- | :--- |


| Portage Township-Porter County |  |
| :--- | :--- |
| Portage Township-St. Joseph County |  |

Posey Township-Fayette County
Posey Township-Washington County
Prairie Township-Kosciusko County
Richland Township-Greene County
Richland Township-Jay County

| Richland Township-Monroe County | PERF |
| :--- | :--- |
| Re |  |


| Root Township-Adams County | PERF |
| :--- | :--- |
| Ros Town |  |

Ross Township-Lake County
Seward Township-Kosciusko County
Shawswick Township-Lawrence County
Spencer Township-Harrison County
Springfield Township-LaPorte County
St. John Township-Lake County
St. Joseph Township-Allen County
Stafford Township-Greene County
Stockton Township-Greene County
Sugar Creek Township-Hancock County

| Sugar Creek Township-Montgomery County |
| :--- | :--- |
| Sugar Creek Township-Vigo County |

Taylor Township-Greene County
Taylor Township-Howard County
Thorncreek Township-Whitley County
Tippecanoe Township-Kosciusko County
Union Township-Adams County
Union Township-Marshall County
Union Township-Montgomery County

## Fund

| PERF, 1977 Fund |
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| PERF, 1977 Fund |
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Schedule of Participating Employers, continued

## Townships: Total (149); PERF (147); 1977 Fund (15)

Fiscal Year Ended June 30, 2012

| Employer's Name | Fund |
| :--- | :--- |
| Union Township-Whitley County | PERF |
| Van Buren Township-Monroe County | PERF |
| Vincennes Township-Knox County | PERF, 1977 Fund |
| Warren Township-Marion County | PERF |
| Washington Township-Adams County | PERF |
| Washington Township-Daviess County | PERF |
| Washington Township-Grant County | PERF |
| Washington Township-Greene County | PERF |
| Washington Township-Hamilton County | PERF |
| Washington Township-Marion County | PERF |
| Washington Township-Morgan County | PERF, 1977 Fund |
| Washington Township-Pike County | PERF |
| Wayne Township-Allen County | PERF |
| Wayne Township-Marion County | PERF, 1977 Fund |
| Wayne Township-Wayne County | PERF |
| West Creek Township-Lake County | PERF |
| West Township-Marshall County | PERF |
| Wheatfield Township-Jasper County | PERF |
| White River Township-Randolph County | PERF, 1977 Fund |
| Wright Township-Greene County | PERF |

Schedule of Participating Employers, continued

## School Districts and Education: Total (369); PERF (333); TRF (363) <br> Fiscal Year Ended June 30, 2012

Employer's Name

| 21st Century Charter School at Fountain Square | PERF, TRF |
| :---: | :---: |
| 21st Century Charter School at Gary | PERF, TRF |
| 21st Century Charter School at Indianapolis | TRF |
| Adams Central Community Schools | PERF, TRF |
| Adams-Wells Special Services Cooperative | PERF, TRF |
| Alexandria Community School Corporation | PERF, TRF |
| American Quality Schools | TRF |
| Anderson Community School Corporation | PERF, TRF |
| Anderson Preparatory Academy (Charter) | TRF |
| Area 30 Career Center (Charter) | PERF, TRF |
| Argos Community Schools | PERF, TRF |
| Attica Consolidated School Corporation | PERF, TRF |
| Auditor of State | TRF |
| Avon Community School Corporation | PERF, TRF |
| Barr-Reeve Community Schools | PERF, TRF |
| Bartholomew Consolidated School Corporation | PERF, TRF |
| Batesville Community School Corporation | PERF, TRF |
| Baugo Community Schools | PERF, TRF |
| Beacon Academy Inc. (Charter) | TRF |
| Beech Grove City Schools | PERF, TRF |
| Benton Community School Corporation | PERF, TRF |
| Blackford County Metropolitan School District | PERF, TRF |
| Bloomfield Project School (Charter) | TRF |
| Bloomfield School District | PERF, TRF |
| Blue River Career Programs | PERF, TRF |
| Blue River Valley Schools | PERF, TRF |
| Bluffton-Harrison Metropolitan School District | PERF, TRF |
| Boone Township Metropolitan School District | PERF, TRF |
| Bremen Public Schools | PERF, TRF |
| Brown County School Corporation | PERF, TRF |
| Brownsburg Community School Corporation | PERF, TRF |
| Brownstown Central Community School Corporation | PERF, TRF |
| Campagna Academy Charter School | TRF |
| Cannelton City Schools | PERF, TRF |
| Carmel Clay Schools | PERF, TRF |
| Carroll Consolidated School Corporation | PERF, TRF |
| Caston School Corporation | PERF, TRF |
| Center Grove Community School Corporation | PERF, TRF |
| Centerville-Abington Community Schools | PERF, TRF |
| Central Indiana Educational Service Center | PERF, TRF |
| Central Nine Career Center | PERF, TRF |
| Central Noble Community School Corporation | PERF, TRF |

# STATISTICAL SECTION Schedule of Participating Employers, continued 

## School Districts and Education: Total (369); PERF (333); TRF (363) <br> Fiscal Year Ended June 30, 2012

Employer's Name

| Challenge Foundation Academy Charter School | PERF, TRF |
| :---: | :---: |
| Charles A. Beard Memorial School Corporation | PERF, TRF |
| Charles A. Tindley Accelerated School (Charter) | PERF, TRF |
| Charter School of the Dunes | PERF, TRF |
| Christel House Academy (Charter) | PERF, TRF |
| Clark Pleasant Community School Corporation | TRF |
| Clarksville Community School Corporation | PERF, TRF |
| Clay Community Schools | PERF, TRF |
| Clinton Central School Corporation | PERF, TRF |
| Clinton Prairie School Corporation | PERF, TRF |
| Cloverdale Community School Corporation | PERF, TRF |
| Community Montessori School (Charter) | PERF, TRF |
| Concord Community Schools | PERF, TRF |
| Covered Bridge Special Education District | PERF, TRF |
| Covington Community Schools | PERF, TRF |
| Cowan Community School Corporation | PERF, TRF |
| Crawford County Community School Corporation | PERF, TRF |
| Crawfordsville Community School Corporation | PERF, TRF |
| Crothersville Community Schools | PERF, TRF |
| Crown Point Community School Corporation | PERF, TRF |
| Culver Community School Corporation | PERF, TRF |
| Daleville Community Schools | PERF, TRF |
| Danville Community School Corporation | PERF, TRF |
| Daviess-Martin Special Education Cooperative | PERF, TRF |
| Decatur County Community Schools | PERF, TRF |
| Decatur Township Metropolitan School District | PERF, TRF |
| DeKalb County Central United School District | PERF, TRF |
| DeKalb County Eastern Community School District | PERF, TRF |
| Delaware Community School Corporation | PERF, TRF |
| Delphi Community School Corporation | PERF, TRF |
| Discovery Charter School | PERF, TRF |
| Duneland School Corporation | PERF, TRF |
| East Allen County Schools | PERF, TRF |
| East Central Indiana Educational Service Center | PERF, TRF |
| East Chicago City School Corporation | PERF, TRF |
| East Chicago Urban Enterprise Academy (Charter) | PERF, TRF |
| East Gibson School Corporation | PERF, TRF |
| East Noble School Corporation | PERF, TRF |
| East Porter County School Corporation | PERF, TRF |
| East Washington School Corporation | PERF, TRF |
| Eastbrook Community School Corporation | PERF, TRF |
| Eastern Greene Schools | TRF |

## School Districts and Education: Total (369); PERF (333); TRF (363) <br> Fiscal Year Ended June 30, 2012

Employer's Name

| Eastern Hancock County Community School Corporation | PERF, TRF |
| :---: | :---: |
| Eastern Pulaski Community School Corporation | PERF, TRF |
| Eastern-Howard County School Corporation | PERF, TRF |
| Edinburgh Community School Corporation | PERF, TRF |
| Elkhart Community Schools | PERF, TRF |
| Elwood Community School Corporation | PERF, TRF |
| Eminence Community School Corporation | TRF |
| Evansville-Vanderburgh School Corporation | PERF, TRF |
| Fairfield Community Schools | PERF, TRF |
| Fall Creek Academy | PERF |
| Fayette County School Corporation | PERF, TRF |
| Flanner House Elementary School (Charter) | PERF, TRF |
| Flat Rock-Hawcreek School Corporation | PERF, TRF |
| Fort Wayne Community Schools | PERF, TRF |
| Frankfort Community Schools | PERF, TRF |
| Franklin Community Schools | PERF, TRF |
| Franklin County Community School Corporation | PERF, TRF |
| Franklin Township Community School Corporation | PERF, TRF |
| Frankton-Lapel Community Schools | PERF, TRF |
| Fremont Community Schools | PERF, TRF |
| Frontier School Corporation | PERF, TRF |
| Galileo Charter School | PERF, TRF |
| Garrett-Keyser-Butler Community School District | PERF, TRF |
| Gary Community School Corporation | PERF, TRF |
| Goshen Community Schools | PERF, TRF |
| Greater Clark County Schools | PERF, TRF |
| Greater Jasper Consolidated Schools | PERF, TRF |
| Greater Randolph Interlocal Cooperative | PERF, TRF |
| Greencastle Consolidated Schools | PERF, TRF |
| Greene-Sullivan Special Education Co-op | TRF |
| Greenfield Central Community School Corporation | PERF, TRF |
| Greensburg Community Schools | PERF, TRF |
| Greenwood Community School Corporation | PERF, TRF |
| Griffith Public Schools | PERF, TRF |
| Hamilton Community Schools | PERF, TRF |
| Hamilton Heights School Corporation | PERF, TRF |
| Hamilton Southeastern Schools | PERF, TRF |
| Hammond Public Schools | PERF, TRF |
| Hammond Urban Academy (Charter) | PERF, TRF |
| Hancock-Madison-Shelby Special Services | PERF, TRF |
| Hanover Community School Corporation | PERF, TRF |
| Heartland Career Center | PERF, TRF |

# STATISTICAL SECTION <br> Schedule of Participating Employers, continued 

## School Districts and Education: Total (369); PERF (333); TRF (363)

## Fiscal Year Ended June 30, 2012

Employer's Name

| Herron High School Charter School | TRF |
| :---: | :---: |
| Highland Town School Corporation | PERF, TRF |
| Hobart City School Corporation | PERF, TRF |
| Hoosier Academy Inc. - Indianapolis (Charter) | TRF |
| Hoosier Academy Inc. - Muncie (Charter) | TRF |
| Hope Academy (Recovery High School at Fairbanks) | PERF, TRF |
| Huntington County Community School Corporation | PERF, TRF |
| Indiana Math and Science Academy North (Charter) | PERF, TRF |
| Indiana Math and Science Academy West (Charter) | PERF, TRF |
| Indiana Virtual Academy | TRF |
| Indiana Virtual Pilot School | TRF |
| Indianapolis Metropolitan Career Academy \#1 (Charter) | TRF |
| Indianapolis Public Schools | PERF, TRF |
| International School of Columbus (Charter) | TRF |
| Irvington Community School | PERF, TRF |
| J.E.S.S.E. School Corporation | PERF, TRF |
| Jac-Cen-Del Community School Corporation | PERF, TRF |
| Jay School Corporation | PERF, TRF |
| Jennings County School Corporation | PERF, TRF |
| John Glenn School Corporation | PERF, TRF |
| Johnson County Schools Special Services | PERF |
| Joshua Academy, Inc. (Charter) | PERF, TRF |
| Kankakee Valley School Corporation | TRF |
| Kipp Indianapolis Charter School | TRF |
| Kipp Lead College Preparatory Charter School | PERF, TRF |
| Knox Community School Corporation | PERF, TRF |
| Kokomo Center Township Schools | PERF, TRF |
| Lafayette School Corporation | PERF, TRF |
| Lake Central School Corporation | PERF, TRF |
| Lake Ridge Schools | PERF, TRF |
| Lake Station Community School Corporation | PERF, TRF |
| Lakeland School Corporation | PERF, TRF |
| Lanesville Community School Corporation | PERF, TRF |
| LaPorte Community School Corporation | PERF, TRF |
| Lawrence Township Metropolitan School District | PERF, TRF |
| Lawrenceburg Community School Corporation | PERF, TRF |
| Lebanon Community School Corporation | TRF |
| Liberty-Perry Community School Corporation | PERF, TRF |
| Linton-Stockton School Corporation | PERF, TRF |
| Logansport Community Schools | PERF, TRF |
| Loogootee Community School Corporation | PERF, TRF |
| Lost River Career Cooperative | PERF, TRF |

# STATISTICAL SECTION <br> Schedule of Participating Employers, continued 

## School Districts and Education: Total (369); PERF (333); TRF (363) <br> Fiscal Year Ended June 30, 2012

Employer's Name

| Maconaquah School Corporation | PERF, TRF |
| :---: | :---: |
| Madison Area Educational Special Services | PERF, TRF |
| Madison Consolidated Schools | PERF, TRF |
| Madison Grant United School Corporation | PERF, TRF |
| Manchester Community Schools | PERF, TRF |
| Marion Adams School Corporation (Sheridan Community Schools) | PERF, TRF |
| Marion Community Schools | PERF, TRF |
| Martinsville Metropolitan School District | PERF, TRF |
| Medora Community School Corporation | TRF |
| Merrillville Community School Corporation | PERF, TRF |
| Michigan City Area Schools | PERF, TRF |
| Middlebury Community School Corporation | PERF, TRF |
| Milan Schools | PERF, TRF |
| Mill Creek Community School Corporation | PERF, TRF |
| Mishawaka City School Corporation | PERF, TRF |
| Mississinewa Community Schools | PERF, TRF |
| Mitchell Community Schools | PERF, TRF |
| Monroe Central School Corporation | PERF, TRF |
| Monroe County Community School Corporation | PERF, TRF |
| Monroe-Gregg School District | PERF, TRF |
| Mooresville Consolidated School Corporation | PERF, TRF |
| Mount Pleasant Township Community School Corporation | TRF |
| Mount Vernon Community School Corporation | PERF, TRF |
| Mount Vernon Metropolitan School District | PERF, TRF |
| Muncie Community Schools | PERF, TRF |
| Munster City School Corporation | PERF, TRF |
| Nettle Creek School Corporation | PERF, TRF |
| New Albany-Floyd County School Corporation | PERF, TRF |
| New Castle Community School Corporation | PERF, TRF |
| New Community School (Charter) | PERF, TRF |
| New Durham Township - LaPorte County (Westville) | TRF |
| New Harmony Town/Township Community School Corporation | TRF |
| New Prairie United School Corporation | PERF, TRF |
| Nineveh Hensley Jackson United School Corporation | PERF, TRF |
| Noblesville School Corporation | PERF, TRF |
| North Adams Community Schools | PERF, TRF |
| North Daviess Community Schools | PERF, TRF |
| North Gibson School Corporation | PERF, TRF |
| North Harrison Community School Corporation | PERF, TRF |
| North Judson-San Pierre Schools | PERF, TRF |
| North Knox School Corporation | PERF, TRF |
| North Lawrence Schools | PERF, TRF |

# STATISTICAL SECTION Schedule of Participating Employers, continued 

## School Districts and Education: Total (369); PERF (333); TRF (363) <br> Fiscal Year Ended June 30, 2012

Employer's Name

| North Miami Community Schools | PERF, TRF |
| :---: | :---: |
| North Montgomery School Corporation | PERF, TRF |
| North Newton School Corporation | PERF, TRF |
| North Posey County Metropolitan School District | PERF, TRF |
| North Putnam Community School Corporation | PERF, TRF |
| North Spencer School Corporation | TRF |
| North Vermillion Community School Corporation | PERF, TRF |
| North White School Corporation | PERF, TRF |
| Northeast Dubois County School Corporation | PERF, TRF |
| Northeast School Corporation | PERF, TRF |
| Northeastern Wayne Schools | PERF, TRF |
| Northern Wells Community Schools | PERF, TRF |
| Northwest Allen County Schools | PERF, TRF |
| Northwest Hendricks Schools | PERF, TRF |
| Northwest Indiana Special Education Cooperative | PERF, TRF |
| Northwestern Consolidated School District of Shelby County | PERF, TRF |
| Northwestern School Corporation - Howard County | PERF, TRF |
| Oak Hill United School Corporation | PERF, TRF |
| Old National Trail Special Services | PERF, TRF |
| Options Charter School - Carmel | PERF, TRF |
| Options Charter School - Noblesville | PERF, TRF |
| Oregon-Davis School Corporation | PERF, TRF |
| Orleans Community Schools | PERF, TRF |
| Paoli Community School Corporation | PERF, TRF |
| Paramount School of Excellence (Charter) | PERF, TRF |
| Penn-Harris-Madison School Corporation | PERF, TRF |
| Perry Central Community School Corporation | PERF, TRF |
| Perry Township Metropolitan School District | PERF, TRF |
| Peru Community School Corporation | PERF, TRF |
| Pike County School Corporation | PERF, TRF |
| Pike Township Metropolitan School District | PERF, TRF |
| Pioneer Regional School Corporation | PERF, TRF |
| Plainfield Community School Corporation | PERF, TRF |
| Plymouth Community School Corporation | PERF, TRF |
| Portage Township Schools | PERF, TRF |
| Porter County Education Services | PERF, TRF |
| Porter Township School Corporation | TRF |
| Prairie Heights Community School Corporation | PERF, TRF |
| Project School Board | PERF |
| Randolph Central School Corporation | PERF, TRF |
| Randolph Eastern School Corporation | PERF, TRF |
| Randolph Southern School Corporation | PERF, TRF |

# School Districts and Eduction: Total (369); PERF (333); TRF (363) 

Fiscal Year Ended June 30, 2012
Employer's Name

| Region 8 Education Service Center | PERF |
| :---: | :---: |
| Renaissance Academy Charter School | PERF, TRF |
| Rensselaer Central School Corporation | PERF, TRF |
| Richland-Bean Blossom School Corporation | PERF, TRF |
| Richmond Community Schools | PERF, TRF |
| Rising Sun-Ohio County Community School Corporation | PERF, TRF |
| River Forest Community School Corporation | PERF, TRF |
| Rochester Community Schools | PERF, TRF |
| Rockville Community Schools | PERF, TRF |
| Rossville Consolidated School District | PERF, TRF |
| Rural Community Schools, Inc. | PERF, TRF |
| Rush County Schools | PERF, TRF |
| Salem Community Schools - Washington County | PERF, TRF |
| Scott County School District No. 1 | PERF, TRF |
| Scott County School District No. 2 | PERF, TRF |
| Seymour Community Schools | PERF, TRF |
| Shakamak Metropolitan School District | PERF, TRF |
| Shelby Eastern Schools | PERF, TRF |
| Shelbyville Central Schools | PERF, TRF |
| Shenandoah School Corporation | PERF, TRF |
| Shoals Community School Corporation | PERF, TRF |
| Signature Charter School | PERF, TRF |
| Smith-Green Community Schools | PERF, TRF |
| South Adams Schools | PERF, TRF |
| South Bend Career Academy | TRF |
| South Bend Community School Corporation | PERF, TRF |
| South Central Area Special Education Cooperative | PERF, TRF |
| South Central Community School Corporation | PERF, TRF |
| South Dearborn Community School Corporation | PERF, TRF |
| South Gibson School Corporation | PERF, TRF |
| South Harrison Community School Corporation | PERF, TRF |
| South Henry School Corporation | PERF, TRF |
| South Knox School Corporation | PERF, TRF |
| South Madison Community School Corporation | PERF, TRF |
| South Montgomery Community School Corporation | TRF |
| South Newton Community School Corporation | PERF, TRF |
| South Putnam Community School Corporation | PERF, TRF |
| South Ripley Community School Corporation | PERF, TRF |
| South Spencer County School Corporation | PERF, TRF |
| South Vermillion Community School Corporation | PERF, TRF |
| Southeast Dubois County School Corporation | TRF |
| Southeast Fountain School Corporation | PERF, TRF |

# STATISTICAL SECTION Schedule of Participating Employers, continued 

## School Districts and Education: Total (369); PERF (333); TRF (363) <br> Fiscal Year Ended June 30, 2012

| Employer's Name | Fund |
| :---: | :---: |
| Southeast Neighborhood School of Excellence (Charter) | PERF, TRF |
| Southeastern Career Center | PERF, TRF |
| Southeastern School Corporation | PERF, TRF |
| Southern Hancock County Community Schools | PERF, TRF |
| Southern Wells Community Schools | PERF, TRF |
| Southside Special Services of Marion County | PERF, TRF |
| Southwest Allen County Metropolitan School District | PERF, TRF |
| Southwest Dubois County School Corporation | PERF, TRF |
| Southwest Parke Community School Corporation | PERF, TRF |
| Southwest School Corporation of Sullivan County | PERF, TRF |
| Southwestern Consolidated Schools of Shelby County | PERF, TRF |
| Southwestern High School | PERF |
| Southwestern Jefferson County Consolidated Schools | PERF, TRF |
| Special Services - Johnson County Schools | TRF |
| Speedway Public Schools | PERF, TRF |
| Spencer-Owen Community Schools | PERF, TRF |
| Spring Valley Community Schools | PERF, TRF |
| Steuben County Metropolitan School District | PERF, TRF |
| Sunman-Dearborn Community Schools | PERF, TRF |
| Switzerland Community School Corporation | PERF, TRF |
| Taylor Community Schools | PERF, TRF |
| Tell City Schools | PERF, TRF |
| The Excel Center (Charter) | TRF |
| The Project School (Charter) | PERF, TRF |
| Thea Bowman Leadership Academy (Charter) | PERF, TRF |
| Tippecanoe School Corporation | PERF, TRF |
| Tippecanoe Valley School Corporation | PERF, TRF |
| Tipton Community School Corporation | PERF, TRF |
| Tri-Central Community Schools | PERF, TRF |
| Tri-County School Corporation | PERF, TRF |
| Tri-Creek School Corporation | PERF, TRF |
| Triton Schools | PERF, TRF |
| Tri-Township Community School Corporation | TRF |
| Turkey Run Community School Corporation | PERF, TRF |
| Twin Lakes School Corporation | PERF, TRF |
| Twin Rivers Vocational School | PERF, TRF |
| Union County School Corporation | PERF, TRF |
| Union School Corporation | PERF, TRF |
| Union Township School Corporation | PERF, TRF |
| Union-North United School Corporation | PERF, TRF |
| Valparaiso Community Schools | PERF, TRF |
| Veritas Academy Charter School | PERF, TRF |


| School Districts and Education: PERF (333); TRF (363) <br> Fiscal Year Ended June 30, 2012 |  |
| :---: | :---: |
| Employer's Name | Fund |
| Vigo County School Corporation | PERF, TRF |
| Vincennes Community School Corporation | PERF, TRF |
| Wabash City Schools | PERF, TRF |
| Wabash County Metropolitan School District | PERF, TRF |
| Wa-Nee Community Schools | PERF, TRF |
| Warren County Metropolitan School District | PERF, TRF |
| Warren Township Metropolitan School District | PERF, TRF |
| Warrick County School Corporation | PERF, TRF |
| Warsaw Community Schools | PERF, TRF |
| Washington Community Schools | PERF, TRF |
| Washington Township-Marion County Metropolitan School District | PERF, TRF |
| Wawasee Community School Corporation | PERF, TRF |
| Wayne Township Metropolitan School District | PERF, TRF |
| Wes-Del Community Schools | PERF, TRF |
| West Central Indiana Educational Service Center | PERF, TRF |
| West Central School Corporation | PERF, TRF |
| West Clark Community Schools | PERF, TRF |
| West Lafayette School City | PERF, TRF |
| West Noble School Corporation | PERF, TRF |
| West Washington School Corporation | PERF, TRF |
| Western Boone County Community School Corporation | TRF |
| Western Wayne Schools | PERF, TRF |
| Western-Howard County School Corporation | PERF, TRF |
| Westfield Washington Community School Corporation | TRF |
| Westview School Corporation | PERF, TRF |
| White River Valley School Corporation | PERF, TRF |
| Whiting School, City of | PERF, TRF |
| Whitko Community School Corporation | PERF, TRF |
| Whitley County Consolidated Schools | PERF, TRF |
| Wilson Education Center | PERF, TRF |
| Xavier School of Excellence (Charter) | PERF, TRF |
| Yorktown Community Schools | PERF |
| Zionsville Community Schools | TRF |

# STATISTICAL SECTION <br> Schedule of Participating Employers, continued 

## Other: Total (255); PERF (255)

Fiscal Year Ended June 30, 2012

Employer's Name

| Adams County Public Library System | PERF |
| :---: | :---: |
| Akron Public Library | PERF |
| Alexandria Public Library | PERF |
| Allen County Public Library | PERF |
| Allen County Regional Waste and Sewer District | PERF |
| Anderson Public Library | PERF |
| Andrews-Dallas Township Public Library | PERF |
| And-Tro Water Authority | PERF |
| Angola Housing Authority | PERF |
| Argos Public Library | PERF |
| Aurora Public Library | PERF |
| Bartholomew County Library | PERF |
| Bedford Public Library | PERF |
| Beech Grove Public Library | PERF |
| Bell Memorial Public Library | PERF |
| Ben Davis Conservancy District | PERF |
| Benton County Highway | PERF |
| Benton County Public Library | PERF |
| Big Blue River Conservancy District | PERF |
| Bloomfield-Eastern Greene County Public Library | PERF |
| Boonville-Warrick County Public Library | PERF |
| Bourbon Public Library | PERF |
| Brazil Public Library | PERF |
| Bremen Public Library | PERF |
| Bristol Public Library | PERF |
| Brook-Iroquois Township Public Library | PERF |
| Brown County Public Library | PERF |
| Brownsburg Public Library | PERF |
| Cambridge City Library | PERF |
| Capital Improvements Board | PERF |
| Carmel Public Library | PERF |
| Carmel-Clay Department of Parks and Recreation | PERF |
| Centerville Library | PERF |
| Clarksville Sewage Department | PERF |
| Clay Township Regional Waste District | PERF |
| Clay-Owen-Vigo Solid Waste Management District | PERF |
| Clinton Public Library | PERF |
| Coatesville Library | PERF |
| Connersville Utilities | PERF |
| Converse-Jackson Township Library | PERF |
| Cordry-Sweetwater Conservancy District | PERF |
| Crawfordsville Public Library | PERF |
| Crown Point-Center Township Public Library | PERF |

## Other: Total (255); PERF(255)

Fiscal Year Ended June 30, 2012

Employer's Name

| Culver-Union Township Public Library | PERF |
| :---: | :---: |
| Danville-Center Township Public Library | PERF |
| Decatur County Board Of Health | PERF |
| Decatur Housing Authority | PERF |
| DeKalb County Airport Authority | PERF |
| Delaware County Airport Authority | PERF |
| Delaware County Housing Authority | PERF |
| Delaware County Regional Wastewater District | PERF |
| Delphi Public Library | PERF |
| Dubois County Contractual Library | PERF |
| East Central Indiana Solid Waste District | PERF |
| East Chicago Public Library | PERF |
| East Chicago Water Department | PERF |
| Eckhart Public Library | PERF |
| Elkhart Public Library | PERF |
| Evansville Housing Authority | PERF |
| Evansville Public Library | PERF |
| Evansville-Vanderburgh Airport Authority | PERF |
| Evansville-Vanderburgh County Building Authority | PERF |
| Fairmount Public Library | PERF |
| Fayette County Public Library | PERF |
| Flora-Monroe Public Library | PERF |
| Florence Regional Sewage District | PERF |
| Fort Branch-Johnson Township Public Library | PERF |
| Fort Wayne City Utilities | PERF |
| Fort Wayne Housing Authority | PERF |
| Fort Wayne-Allen County Airport Authority | PERF |
| Fortville-Vernon Township Public Library | PERF |
| Frankfort Community Public Library | PERF |
| Frankfort Utilities | PERF |
| Franklin Countr Public Library District | PERF |
| Fremont Public Library | PERF |
| Fulton County Library | PERF |
| Garrett Public Library | PERF |
| Gary Municipal Airport Authority | PERF |
| Gary Public Library | PERF |
| Gas City-Mill Township Public Library | PERF |
| Goshen Public Library | PERF |
| Greater Lafayette Public Transportation Corporation | PERF |
| Greentown and Eastern Howard Library | PERF |
| Greenwood Library | PERF |
| Hagerstown-Jefferson Township Public Library | PERF |
| Hamilton County Solid Waste District | PERF |

# STATISTICAL SECTION <br> Schedule of Participating Employers, continued 

## Other: Total (255); PERF (255)

Fiscal Year Ended June 30, 2012

Employer's Name

| Hamilton East Public Library | PERF |
| :---: | :---: |
| Hamilton Lake Conservancy District | PERF |
| Hammond Public Library | PERF |
| Hancock County Public Library | PERF |
| Harrison County Lifelong Learning | PERF |
| Harrison County Public Library | PERF |
| Hartford City Public Library | PERF |
| Health and Hospital Corporation Of Marion County | PERF |
| Huntingburg Housing Authority | PERF |
| Huntingburg Public Library | PERF |
| Huntington Public Library | PERF |
| Hussey-Mayfield Memorial Public Library | PERF |
| Indiana 15 Regional Planning Commission | PERF |
| Indiana Port Commission | PERF |
| Indiana State Fair Commission | PERF |
| Indianapolis Local Public Improvement Bond Bank | PERF |
| Indianapolis Public Transportation Corporation | PERF |
| Indianapolis-Marion County Building Authority | PERF |
| Indianapolis-Marion County Public Library | PERF |
| Jackson County Public Library | PERF |
| Jackson County Solid Waste Management District | PERF |
| Jasper County Public Library | PERF |
| Jasper Public Library | PERF |
| Jay County Public Library | PERF |
| Jefferson County Public Library | PERF |
| Jeffersonville Flood Control District | PERF |
| Jeffersonville Park and Recreation | PERF |
| Jeffersonville Township Public Library | PERF |
| Jennings County Public Library | PERF |
| Johnson County Public Library | PERF |
| Kendallville Housing Authority | PERF |
| Kendallville Public Library | PERF |
| Kentland Public Library | PERF |
| Kewanna-Union Township Public Library | PERF |
| Knox County Housing Authority | PERF |
| Knox County Public Library | PERF |
| Kokomo Public Library | PERF |
| LaGrange County Public Library | PERF |
| Lake County Convention and Visitor Bureau | PERF |
| Lake County Library | PERF |
| Lake Lemon Conservancy District | PERF |
| LaPorte Municipal Airport Authority | PERF |
| LaPorte Public and County Libraries | PERF |

## Other: Total (255); PERF (255)

Fiscal Year Ended June 30, 2012

Employer's Name

| Lawrenceburg Flood Control District | PERF |
| :--- | :--- |
| Lawrenceburg Public Library | PERF |
| Lebanon Public Library | PERF |
| Leo-Cedarville Regional Sewer District | PERF |
| Lincoln-Heritage Public Library | PERF |
| Linton Housing Authority | PERF |
| Logansport Public Library | PERF |
| Loogootee Public Library | PERF |
| Lowell Public Library | PERF |
| Marion Public Library | PERF |
| Melton Public Library | PERF |
| Michiana Area Council of Governments | PERF |
| Michigan City Library | PERF |
| Middlebury Community Library | PERF |
| Milford Public Library | PERF |
| Misaka Pubicry | PERF |


| Mishawaka Public Library | PERF |
| :--- | :--- |


| Mitchell Community Public Library | PERF |
| :--- | :--- |


| Monon Town and Township Public Library | PERF |
| :--- | :--- |


| Monroe County Public Library | PERF |
| :--- | :--- |


| Monterey-Tippecanoe Public Library | PERF |
| :--- | :--- |


| Monticello-Union Township Public Library | PERF |
| :--- | :--- |
| MERF |  |


| Montpelier Public Library | PERF |
| :--- | :--- |
| Mooresville Public Library | PERF |


| Morgan County Public Library | PERF |
| :--- | :--- |


| Muncie Housing Authority | PERF |
| :--- | :--- |


| Muncie Indiana Transit System | PERF |
| :--- | :--- |


| Muncie Public Library | PERF |
| :--- | :--- |


| Nappanee Public Library | PERF |
| :--- | :--- |


| New Albany-Floyd County Public Library | PERF |
| :--- | :--- |


| New Carlisle-Olive Township Library | PERF |
| :--- | :--- |


| New Castle Housing Authority | PERF |
| :--- | :--- |


| New Castle-Henry County Public Library | PERF |
| :--- | :--- |


| New Paris Conservancy District | PERF |
| :--- | :--- |


| Noble County Library | PERF |
| :--- | :--- |


| Noblesville Housing Authority | PERF |
| :--- | :--- |


| North Madison County Public Library System | PERF |
| :--- | :--- |


| Northeast Indiana Solid Waste Management District | PERF |
| :--- | :--- |


| Northern Indiana Commuter Transportation District | PERF |
| :--- | :--- |


| Northwest Indiana Health Department Cooperative | PERF |
| :--- | :--- |


| Northwestern Indiana Regional Planning Commission | PERF |
| :--- | :--- |


| Oak Hill Cemetery | PERF |
| :--- | :--- |


| Oak Park Conservancy District | PERF |
| :--- | :--- |

Ohio County Public Library
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# STATISTICAL SECTION <br> Schedule of Participating Employers, continued 

## Other: Total (255); PERF (255)

Fiscal Year Ended June 30, 2012

Employer's Name

| Ohio Township Public Library System | PERF |
| :---: | :---: |
| Orleans Town and Township Public Library | PERF |
| Owen County Public Library | PERF |
| Paoli Public Library | PERF |
| Patoka Lake Regional Water and Sewer District | PERF |
| Peabody Public Library | PERF |
| Pendleton Community Public Library | PERF |
| Peru Public Library | PERF |
| Peru Utilities | PERF |
| Pike County Public Library | PERF |
| Plainfield Public Library | PERF |
| Plymouth Public Library | PERF |
| Porter County Public Library System | PERF |
| Porter County Solid Waste Management District | PERF |
| Pulaski County Public Library | PERF |
| Putnam County Public Library | PERF |
| Region 3-A Development and Regional Planning Commission | PERF |
| Regional Bus Authority | PERF |
| Remington-Carpenter Township Public Library | PERF |
| Richmond Sanitary District | PERF |
| Richmond-Morrison-Reeves Library | PERF |
| Rising Sun Municipal Utilities | PERF |
| Rockville Public Library | PERF |
| Rome City Housing Authority | PERF |
| Rushville Public Library | PERF |
| Salem Public Library | PERF |
| Scott County Public Library | PERF |
| Shelbyville-Shelby County Public Library | PERF |
| Sheridan Public Library | PERF |
| South Dearborn Regional Sewer District | PERF |
| Southeastern Indiana Regional Planning Commission | PERF |
| Southern Indiana Development Commission | PERF |
| Southwest Allen County Fire District | PERF |
| Speedway Public Library | PERF |
| Spencer County Public Library | PERF |
| St. Joseph County Airport Authority | PERF |
| St. Joseph County Public Library | PERF |
| Starke County Airport Authority | PERF |
| Starke County Public Library System | PERF |
| Steuben Lakes Regional Waste District | PERF |
| Stucker Fork Conservancy District | PERF |
| Sullivan County Public Library | PERF |
| Swayzee Public Library | PERF |


| Other: Total (255); PERF (255) Fiscal Year Ended June 30, 2012 |  |
| :---: | :---: |
| Employer's Name | Fund |
| Switzerland County Public Library | PERF |
| Tell City-Perry County Public Library | PERF |
| Terre Haute International Airport Authority | PERF |
| Three Rivers Solid Waste Management District | PERF |
| Tippecanoe County Public Library | PERF |
| Tipton County Library | PERF |
| Town Of Selma-Liberty Regional Waste District | PERF |
| Union City Housing Authority | PERF |
| Union City Library | PERF |
| Union County Public Library | PERF |
| Vermillion County Public Library | PERF |
| Vigo County Public Library | PERF |
| Vincennes Housing Authority | PERF |
| Vincennes Water and Sewer Department | PERF |
| Wabash Carnegie Library | PERF |
| Wabash County Solid Waste Management District | PERF |
| Wakarusa Public Library | PERF |
| Warren Public Library | PERF |
| Warrick County Solid Waste Management District | PERF |
| Warsaw Community Public Library | PERF |
| Washington Carnegie Library | PERF |
| Washington County Solid Waste Management District | PERF |
| Washington Housing Authority | PERF |
| Washington Township Library | PERF |
| Washington Township Public Library | PERF |
| Waterloo-Grant Township Public Library | PERF |
| Wells County Public Library | PERF |
| West Central Conservancy District | PERF |
| West Central Solid Waste District | PERF |
| West Lafayette Public Library | PERF |
| Westchester Public Library | PERF |
| Westfield Public Library | PERF |
| Whiting Public Library | PERF |
| Whitley County Solid Waste Management District | PERF |
| Willard Library of Evansville | PERF |
| Williamsport-Washington Township Public Library | PERF |
| Winchester Community Library | PERF |
| Worthington-Jefferson Township Public Library | PERF |
| Wright-Hageman Public Library | PERF |
| Yorktown-Mount Pleasant Community Library | PERF |



INDIANA PUBLIC RETIREMENT SYSTEM


[^0]:    ${ }^{1}$ Includes State Employees' Death Benefit Fund, Public Safety Officers' Special Death Benefit Fund, and Pension Relief Fund.
    ${ }^{2}$ Sum of individual employers by retirement plan does not equal total employers, since one (1) employer may participate in multiple retirement plans.
    ${ }^{3}$ PSDs $=$ Political Subdivisions' Aggregate Rate .
    ${ }^{4}$ Includes all benefit payments to members receiving benefits (i.e., defined benefit payments, COLA, annuity payments, ASA lump sum withdrawals/rollovers, special death benefits).
    ${ }^{5}$ Includes Annuity Savings Account withdrawals/rollovers to non-retired members.
    ${ }^{6}$ For PERF and TRF only, Average Annual Benefit includes member annuities.
    ${ }^{7}$ TRF Pre-1996 Account is pay-as-you-go (i.e., not pre-funded) and the funded status is low by design.
    ${ }^{8}$ Total INPRS, excluding TRF Pre-1996 Account (Pay-As-You-Go).

[^1]:    ${ }^{1}$ Includes State Employees' Death Benefit Fund, Public Safety Officers' Special Death Benefit Fund, and Pension Relief Fund.
    ${ }^{2}$ Sum of individual employers by retirement plan does not equal total employers, since one (1) employer may participate in multiple retirement plans.
    ${ }^{3}$ PSDs $=$ Political Subdivisions' Aggregate Rate .
    ${ }^{4}$ Includes all benefit payments to members receiving benefits (i.e., defined benefit payments, COLA, annuity payments, ASA lump sum withdrawals/rollovers, special death benefits).
    ${ }^{5}$ Includes Annuity Savings Account withdrawals/rollovers to non-retired members.
    ${ }^{6}$ For PERF and TRF only, Average Annual Benefit includes member annuities.
    ${ }^{7}$ TRF Pre-1996 Account is pay-as-you-go (i.e., not pre-funded) and the funded status is low by design.
    ${ }^{8}$ Total INPRS, excluding TRF Pre-1996 Account (Pay-As-You-Go).

[^2]:    Cost of Living
    Allowance (COLA)

    Allowances are granted by the Indiana General Assembly on an ad hoc basis.

[^3]:    ${ }^{1}$ Actively employed members who have completed at least 20 years of service may apply for retirement benefits at age 70, remain actively employed and
    receive monthly benefits.
    ${ }^{2}$ Certain restrictions may apply if a member is vested in a pension benefit.
    ${ }^{3}$ Members can elect at retirement to receive their Annuity Savings Account as a monthly supplement to their defined benefit (pension) or in a total distribution.

[^4]:    ${ }^{1}$ Actively employed members who have completed at least 20 years of service may apply for retirement benefits at age 70, remain actively employed and receive monthly benefits.
    ${ }^{2}$ Certain restrictions may apply if a member is vested in a pension benefit.
    ${ }^{3}$ Members can elect at retirement to receive their Annuity Savings Account as a monthly supplement to their defined benefit (pension) or in a total distribution.

[^5]:    ${ }^{1}$ This percentage is increased by 1 percent for each six months of active service accumulated after 20 years of service (to a maximum of 32 years, or 74 percent).

[^6]:    Cost of Living
    Allowance (COLA)

    For participants of the 1977 System and the 1985 System (who apply for a benefit after 12/31/09), the cost of living allowance is a percentage increase equal to the increase in the salary of the participant's position from which the participant retired.

[^7]:    ${ }^{1}$ This plan applies only to legislators who were members of the General Assembly before or on April 30, 1989, and chose to participate.
    ${ }^{2}$ This plan applies only to legislators who were elected or appointed after April 30, 1989, or who were in service on this date and chose to participate.
    ${ }^{3}$ On July 1 following the date a member participates in the Defined Contribution Plan, the member may elect to transfer the amount in the member's Public Employees' Retirement Fund (PERF) or Teachers' Retirement Fund (TRF) Annuity Savings Account to the Defined Contribution Plan. This amount will then be credited to the member's account.

[^8]:    ${ }^{1}$ The accompanying notes are an integral part of the financial statements. Please see the Notes to the Financial Statements for further details.
    ${ }^{2}$ The majority of the systems' investments are in unitized pools, and each fund owns shares of these unitized pools, not specific assets. The Unitized Investment Allocation column reflects the allocation of the unitized investments to each fund on the Other Investments line.
    ${ }^{3}$ Effective July 1, 2011, the two Indiana pension administrative agencies, Public Employees' Retirement Fund (PERF) and Indiana State Teachers' Retirement Fund (TRF), were merged to become Indiana Public Retirement System (INPRS). Statements of Fiduciary Net Assets as of June 30, 2011 for the two agencies have been combined, and financial statement lines have been restated to be more comparable to INPRS' June 30, 2012 reporting classifications.

[^9]:    ${ }^{1}$ The accompanying notes are an integral part of the financial statements. Please see the Notes to the Financial Statements for further details.
    ${ }^{2}$ The majority of the systems' investments are in unitized pools, and each fund owns shares of these unitized pools, not specific assets. The Unitized Investment Allocation column reflects the allocation of the unitized investments to each fund on the Other Investments line.
    ${ }^{3}$ Effective July 1, 2011 , the two Indiana pension administrative agencies, Public Employees' Retirement Fund (PERF) and Indiana State Teachers' Retirement Fund (TRF), were merged to become Indiana Public Retirement System (INPRS). Statements of Fiduciary Net Assets as of June 30, 2011 for the two agencies have been combined, and financial statement lines have been restated to be more comparable to INPRS' June 30, 2012 reporting classifications.

[^10]:    ${ }^{1}$ The accompanying notes are an integral part of the financial statements. Please see the Notes to the Financial Statements for further details.
    ${ }^{2}$ Private equity investment results are reported to INPRS' investment custodian net of management fees. The Unitized Investment Allocation column reflects INPRS' adjustment to gross up revenue and recognize related management fees as expense.
    ${ }^{3}$ Effective July 1, 2011 , the two Indiana pension administrative agencies, Public Employees' Retirement Fund (PERF) and Indiana State Teachers' Retirement Fund (TRF), were merged to become Indiana Public Retirement System (INPRS). Statements of Changes in Fiduciary Net Assets as of June 30, 2011 for the two agencies have been combined, and financial statement lines have been restated to be more comparable to INPRS' June 30,2012 reporting classifications.

[^11]:    ${ }^{1}$ The accompanying notes are an integral part of the financial statements. Please see the Notes to the Financial Statements for further details.
    ${ }^{2}$ Private equity investment results are reported to INPRS' investment custodian net of management fees. The Unitized Investment Allocation column reflects INPRS' adjustment to gross up revenue and recognize related management fees as expense.
    ${ }^{3}$ Effective July 1, 2011, the two Indiana pension administrative agencies, Public Employees' Retirement Fund (PERF) and Indiana State Teachers' Retirement Fund (TRF), were merged to become Indiana Public Retirement System (INPRS). Statements of Changes in Fiduciary Net Assets as of June 30,2011 for the two agencies have been combined, and financial statement lines have been restated to be more comparable to INPRS' June 30, 2012 reporting classifications.

[^12]:    - State Teachers' Retirement Fund (TRF)
    - Public Employees' Retirement Fund (PERF)
    - 1977 Police Officers' and Firefighters' Pension and Disability Fund (1977 Fund)
    - Judges' Retirement Fund (JRS)
    - Legislators' Defined Benefit Plan (LEDB)

    ■ State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Fund (E,G\&C Plan)

    - Prosecuting Attorneys' Retirement Fund (PARF)

[^13]:    ${ }^{1}$ In accordance with Legislation passed during March 2012, the State appropriated additional monies during FY2013 to reach a funded status of $80.0 \%$ based on the actuarial valuations as of June 30, 2012, for the following three (3) retirement plans:

    Judges' Retirement System
    State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan Prosecuting Attorneys' Retirement Fund

[^14]:    ${ }^{1}$ In accordance with Legislation passed during March 2012, the State appropriated additional monies during FY2013 to reach a funded status of $80.0 \%$ based on the actuarial valuations as of June 30, 2012, for the following three (3) retirement plans:

    Judges' Retirement System - \$90,187 thousand
    State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan - \$14,619 thousand
    Prosecuting Attorneys' Retirement Fund - $\$ 17,363$ thousand
    In addition the TRF Pre-1996 Account was appropriated \$206,796 thousand during fiscal year 2013.
    ${ }^{2}$ Benefit formula is primarily based on service, rather than compensation.

[^15]:    ${ }^{1}$ Net of fees.
    ${ }^{2}$ Based on calculations made by the System's custodian, BNY Mellon. Time-weighted rates of return have been reported for fiscal year 2012.
    ${ }^{3} 50 \%$ Dow Jones UBS Commodity Index/50\% Goldman Sachs Commodity Index.
    ${ }^{4}$ Inception date of the Risk Parity portfolio was March 14, 2012.
    ${ }^{5} 60 \%$ MSCI ACWI IMI Index (Equities)/40\% Barclays Global Aggregate Bond Index (Bonds).
    ${ }^{6}$ Benchmark history through December 31, 2011, represents composite returns for the legacy PERF and TRF dynamic policies combined using dynamic market weights each month and reported under the single Total Consolidated Benefit Assets structure beginning January 1, 2012.

[^16]:    ${ }^{1}$ Net of fees.
    ${ }^{2}$ Investment performance is based on calculations made by the system's custodian, BNY Mellon. The 1-year, 3-year, and 5-year performance returns are time-weighted rates of return based on the market rates of return.
    ${ }^{3}$ Universe of Public Funds.
    ${ }^{4}$ Benchmark history through December 31, 2011, represents composite returns for the legacy PERF and TRF dynamic policies combined using dynamic market weights each month and reported under the single Total Consolidated Benefit Assets structure beginning January 1, 2012.
    5Inception date of International Fixed Income was during November 2008.

[^17]:    ${ }^{1}$ A complete list of portfolio holdings is available upon request.

[^18]:    PricewaterhouseCoopers LLP, One North Wacker, Chicago, IL 60606
    T: (312) 298-2000,F: (312) 298-2001, www.pwe.com)

[^19]:    ${ }^{1}$ Age-based rates apply only if 10 or more years of service.

[^20]:    ${ }^{1}$ In accordance with Legislation passed during March 2012, the State appropriated additional monies during FY2013 to reach a funded status of 80.0 percent based on the actuarial valuations as of June 30, 2012, for the following three (3) retirement plans:

    Judges' Retirement System -- \$90.2 million
    State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan - \$14.6 million
    Prosecuting Attorneys' Retirement Fund -- $\$ 17.4$ million

[^21]:    ${ }^{2} / n$ accordance with Legislation passed during March 2012, the State appropriated additional monies during FY2013 to reach a funded status of $80.0 \%$ based on the actuarial valuations as of June 30, 2012, for the following three (3) retirement plans:

    Judges' Retirement System - $\$ 90.2$ million
    State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan - $\$ 14.6$ million
    Prosecuting Attorneys' Retirement Fund - $\$ 17.4$ million

[^22]:     on the actuarial valuations as of June 30, 2012, for the following three (3) retirement plans:

    Judges' Retirement System - $\$ 90.2$ million
    State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan - $\$ 14.6$ million
    Prosecuting Attorneys' Retirement Fund - $\$ 17.4$ million

[^23]:    ${ }^{2}$ In accordance with Legislation passed during March 2012, the State appropriated additional monies during FY2013 to reach a funded status of $80.0 \%$ based on the actuarial valuations as of June 30, 2012, for the following three (3) retirement plans:

    Judges' Retirement System - $\$ 90.2$ million
    State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan - $\$ 14.6$ million
    Prosecuting Attorneys' Retirement Fund - $\$ 17.4$ million

[^24]:    ${ }^{1}$ As of December 31 instead of June 30.

[^25]:     based on the actuarial valuations as of June 30, 2012, for the following three (3) retirement plans:

    Judges' Retirement System - \$90,187 thousand
    State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan - \$14,619 thousand
    Prosecuting Attorneys' Retirement Fund - \$17,363 thousand

[^26]:    ${ }^{1}$ As of December 31 instead of June 30.

[^27]:    ${ }^{1}$ End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.
    ${ }^{2}$ For PERF and TRF only, average annual benefit includes member annuities.

[^28]:    ${ }^{1}$ End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.
    ${ }^{2}$ For PERF and TRF only, average annual benefit includes member annuities.
    ${ }^{3}$ For TRF only, end of year number of benefit recipients are not equal to prior end of year number of benefit recipients plus additions less removals due to reclassifications between Pre-1996 Account and 1996 Account.

[^29]:    ${ }^{1}$ End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.
    ${ }^{2}$ For PERF and TRF only, average annual benefit includes member annuities.
    ${ }^{3}$ For TRF only, end of year number of benefit recipients are not equal to prior end of year number of benefit recipients plus additions less removals due to reclassifications between Pre-1996 Account and 1996 Account.

[^30]:    ${ }^{1}$ End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.
    ${ }^{2}$ For PERF and TRF only, average annual benefit includes member annuities.

[^31]:    ${ }^{1}$ End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.
    ${ }^{4}$ As of December 31 instead of June 30.

[^32]:    ${ }^{1}$ End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.

[^33]:    ${ }^{1}$ End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.

[^34]:    17.25 percent from July 1 - December 31, 2008; 7.0 percent from January 1 - June 30, 2009

[^35]:    'Active Members exclude Legislators' Defined Contribution Plan. ${ }^{2}$ Annuitants includes retirees, disabilitants, and beneficiaries.

[^36]:    ${ }^{2}$ Annuitants includes retirees, disabilitants, and beneficiaries. ${ }^{3}$ As of December 31 instead of June 30.

[^37]:    ${ }^{2}$ Annuitants includes retirees, disabilitants, and beneficiaries.

[^38]:    'Active Members exclude Legislators' Defined Contribution Plan.

[^39]:    ${ }^{1}$ INPRS intends to make this schedule a 10-year schedule over time.
    ${ }^{2}$ Members with less than 10 years of service are: (1) a member receiving a disability benefit from INPRS; (2) a member who has at least eight (8) years of
    
     state treasurer, or secretary of state (whose term commences after the November 5, 2002 election).
     their ASAs as a supplemental monthly payment in addition to the monthly Defined Benefit payment.

[^40]:    INPRS intends to make this schedule a 10-year schedule over time.
    ${ }^{2}$ Members with less than 10 years of service are: (1) a member receiving a disability benefit from INPRS; (2) a member who has at least eight (8) years of creditable service as a county clerk, county auditor, county recorder, county treasurer, county sheriff or county coroner eligible for a normal retirement after reaching age 65 (applies to only members retiring after June 30, 2002); (3) a member who has at least eight (8) years of creditable service as a state auditor, state treasurer, or secretary of state (whose term commences after the November 5, 2002 election).
    ${ }^{4}$ Members with less than 20 years of service are primarily receiving a disability benefit from the 1977 Fund.

[^41]:    ${ }^{1}$ INPRS intends to make this schedule a 10-year schedule over time.
    ${ }^{2}$ Members with less than 10 years of service are: (1) a member receiving a disability benefit from INPRS; (2) a member who has at least eight (8) years of creditable service as a county clerk, county auditor, county recorder, county treasurer, county sheriff or county coroner eligible for a normal retirement after reaching age 65 (applies to only members retiring after June 30, 2002); (3) a member who has at least eight (8) years of creditable service as a state auditor, state treasurer, or secretary of state (whose term commences after the November 5, 2002 election).
    ${ }^{5}$ Benefit calculations for the LEDB members are based on years of service, not final average salary.

