# Comprehensive Annual Financial Report 

Funds of the State of Washington
For the Fiscal Year Ended June 30, 2012

## Prepared by:

The Washington State Department of Retirement Systems

PO Box 48380<br>Olympia, Washington<br>98504-8380<br>www.drs.wa.gov

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## Introductory Section

Message from the Director


Elated Customers. Best Practice Leader. Vigilant Resource Steward. Reliable Partner. Engaged Team Members. Short and simple words, but powerful. They are the key goals we strive for in fulfilling our mission to ensure DRS' customers prepare for and enjoy a successful retirement.

These goals capture the essence of everything we do here at DRS. How do we know? Over the past several months, we've "mapped" DRS' core business processes to clearly identify our fundamental work and how it supports the goals. It helps all team members connect their work to customer satisfaction, and it helps us identify opportunities for improvement.

Business mapping is one of several initiatives of the past year that move us toward our key goals. Others include:

- Customers can now apply for retirement online thanks to a new application launched in April. Modeled on popular online services for tax preparation, the application flows users through a series of user-friendly submittal screens. More than 23 percent of retirement applications are now being submitted online, and that number is growing.
- Working with the Washington State Investment Board and other partners, we assisted thousands of customers in transitioning to a new lineup of investment fund options for the state's hybrid defined contribution plans and the deferred compensation program. DRS has since received national recognition for its best practices in communicating the fund transition.
- DRS team members interviewed more than 1,100 customers, focusing on the question, "What would it take for you to be 100 percent satisfied as a customer of DRS?" Every team member is now involved in distilling those conversations into a concise set of criteria for customer expectations that will be used to regularly measure customer feedback and incorporate it into service and process improvements.
- Lean principles are being infused into the culture of the organization, providing both a skillset and a mindset that encourages team members to identify constraints, simplify processes and make improvements. More than 40 percent of DRS team members have participated in some form of Lean training, including 19 who are "Green Belt" certified and are already working to counsel teams around the agency on applying the Lean approach to process improvement.
Through these and other initiatives, DRS continues to deliver cost-effective service to our customers. CEM Inc., an international firm that benchmarks the performance of public pension plans, has again determined that DRS' administrative cost is significantly lower than what would be expected, even though Washington's plans are among the most complex in the country to administer.

While we take pride in these initiatives and accomplishments, we recognize they are part of a larger journey toward our key goals. We look forward to continuing the journey in the coming year, with the ultimate aim of excellence in fully meeting the needs and expectations of our customers.

In the following pages, we offer our annual financial report for your review.

Sincerely,


Steven R. Hill
Director
November 1, 2012

## Department of Retirement Systems' Organization - June 2012



## Pension System Roles and Responsibilities

| Organization | Responsibility | Contact Information | Membership |
| :---: | :---: | :---: | :---: |
| Department of Retirement Systems | Collects and accounts for employer and employee contributions; maintains retirement records; pays benefits; communicates pension information; provides investment education; and administers the Deferred Compensation Program. | PO Box 48380 <br> Olympia, WA 98504-8380 <br> Phone: 360.664-7000 <br> Toll free: 800.547.6657 <br> Website: www.drs.wa.gov | The governor appoints the director of DRS. |
| Washington State Investment Board | Invests and accounts for pension funds. | PO Box 40196 <br> Olympia, WA 98504-0916 <br> Phone: 360.956.4600 <br> Website: www.sib.wa.gov | The Board consists of ten voting and five non-voting members. <br> Voting Members: <br> James L. McIntire - (Chair) State Treasurer Representative Sharon Tomiko Santos Senator Lisa Brown <br> Steven R. Hill - Director, Department of Retirement Systems Judy Schurke - Director, Department of Labor and Industries George Masten - Retired Members Patrick McElligott - LEOFF Judi Owens - SERS Natasha Williams - PERS Mike Ragen - (Vice Chair) TRS <br> Non-voting Members - Investment Professionals: <br> William A. Longbrake <br> Richard Muhlebach <br> Roberts S. Nakahara <br> David Nierenberg <br> Jeffrey T. Seely |
| Office of Financial Management | Advises the governor on pension and funding policies and issues. | PO Box 43113 Olympia, WA 98504-3113 <br> Phone: 360.902.0555 <br> Website: www.ofm.wa.gov | The governor appoints the director of OFM. |
| Office of the State Actuary | Acts as an advisory agency to the Legislature and to the director of DRS. Performs actuarial studies and reports on retirement bills. Creates formulas used to compute benefit payment adjustments that are based on early retirement, cost-of-living or long-term survivor benefits. | PO Box 40914 <br> Olympia, WA 98504-0914 <br> Phone: 360.786.6140 <br> Website: osa.leg.wa.gov | The Select Committee on Pension Policy appoints the state actuary. |


| Organization | Responsibility | Contact Information | Membership |
| :---: | :---: | :---: | :---: |
| Select Committee on Pension Policy | Studies pension issues and retirement finances. Develops pension policies and recommends pension legislation. | Can be contacted through the State Actuary's Office. | Legislators: <br> Representative Barbara Bailey (Vice Chair) <br> Representative Bill Hinkle <br> Representative Tim Ormsby <br> Representative Pat Sullivan <br> Senator Steve Conway (Chair) <br> Senator Steve Hobbs <br> Senator Janea Holmquist Newbry <br> Senator Mark Schoesler <br> Agency Directors: <br> Marty Brown - Office of Financial Management <br> Steven R. Hill - Department of Retirement Systems <br> Retiree Representatives: <br> Eugene Forrester - TRS <br> Bob Thurston - WSPRS <br> Active Member Representatives: <br> Randy Davis - TRS <br> Bob Keller - PERS <br> J. Pat Thompson - PERS <br> David Westberg - SERS <br> Employer Representatives: <br> Doug Miller - PERS <br> Glenn Olson - PERS <br> Corky Mattingly - PERS |
| Law Enforcement Officers' and Fire Fighters' Plan 2 Retirement Board | Policy-making board that studies pension issues, acts as fiduciary of LEOFF Plan 2, sets contribution rates and recommends pension policy to the Legislature for LEOFF Plan 2 members. | PO Box 40918 <br> Olympia WA 98504-0918 <br> Phone: 360.586.2320 <br> Website: www.leoff.wa.gov | Fire Fighter Representatives: <br> Kelly Fox, Chair <br> Pat Hepler <br> Mark Johnston <br> Law Enforcement Representatives: <br> Jeff Holy <br> Ryan Martin <br> Jack L. Simington, Vice Chair <br> Employer Representatives: <br> David Cline <br> Paul Golnik <br> Glenn Olson <br> Legislators: <br> Representative Kevin Van De Wege <br> Senator Jim Honeyford |


| Organization | Responsibility | Contact Information | Membership |
| :---: | :---: | :---: | :---: |
| Pension Funding Council | Adopts economic assumptions for pension funding and member and employer pension contribution rates for LEOFF Plan 1, PERS, PSERS, SERS, TRS and WSPRS. | Can be contacted through DRS. | Legislators: <br> Representative Gary Alexander - Ranking minority member, Ways and Means Committee <br> Representative Ross Hunter - Chair, House Ways and Means Committee <br> Senator Ed Murray - Chair, Senate Ways and Means Committee <br> Senator Mark Schoesler - Ranking minority member, Ways and Means Committee <br> Agency Directors: <br> Marty Brown - Office of Financial Management <br> Steven R. Hill - Department of Retirement Systems, Chairperson |
| DRS Advisory Committee | Serves in an advisory role to the Director of DRS. | Can be contacted through DRS. | PERS: <br> John I. Payne - Active <br> Eva Jean Ann Shamley - Retired <br> Mary L. Sherman - Active <br> SERS: <br> Jonni Elizabeth Lissner - Active <br> Cheri Ingersoll - Retired <br> LEOFF: <br> Patrick McElligott - Active <br> Mark J. Mears - Active <br> Richard Warbrouck - Retired <br> TRS: <br> Nancy Baldwin - Retired (Chair) <br> Darrell Heisler - Active <br> WSPRS: <br> Lt. Michael L. Turcott - Active <br> Rick Jensen - Retired <br> JRS: <br> Judge Michael Heavey - Active <br> DCP: <br> Kathy Whitlock - Participant <br> Defined Contribution Plan Administration: <br> Deirdre Walker - Weyerhaeuser |
| Legislative Fiscal Committees | Review and report on retirement bills to the full Legislature. | House Ways and Means Committee <br> PO Box 40600 <br> Olympia, WA 98504-0600 <br> Senate Ways and Means Committee <br> PO Box 40482 <br> Olympia, WA 98504-0482 <br> Phone: 360.786.7155 <br> Toll free: 800.562.6000 <br> Website: www.leg.wa.gov | The legislative fiscal committees are the House Ways and Means Committee and the Senate Ways and Means Committee. |

# Letter of Transmittal 

November 1, 2012

## The Honorable Christine Gregoire, Governor Members of the Sixty-Second Legislature <br> Members of the Select Committee on Pension Policy

State of Washington
Olympia WA 98504

We are pleased to present to you the Department of Retirement Systems' Comprehensive Annual Financial Report (CAFR) for the fiscal year ended June 30, 2012. This CAFR is designed to comply with the requirements of RCW 41.50.050(4) and RCW 41.50.780(9).

Responsibility for the accuracy of the data and the fairness and completeness of this presentation, including all disclosures, rests with the management of the Department of Retirement Systems (DRS). To the best of our knowledge, the enclosed data is accurate in all material respects and is reported in a manner designed to provide a fair representation of the financial position and results of the operations of the department.

CliftonLarsonAllen LLP, Certified Public Accountants, have issued an unqualified ("clean") opinion on DRS' financial statements for the year ended June 30, 2012. The independent auditor's report is located at the front of the Financial Section of this report.

Management's discussion and analysis (MD\&A) immediately follows the independent auditor's report and provides a narrative introduction, overview, and analysis of the basic financial statements. The MD\&A complements this letter of transmittal and should be read in conjunction with it.

## Agency Description and History

As of June 30, 2012, DRS administered eight statewide public employee retirement systems, which were comprised of 12 defined benefit pension plans and three defined benefit plans with a defined contribution component.

The purpose of DRS is to administer the pension plans for state employees, teachers and classified educational employees, law enforcement officers and fire fighters, and other employees of participating political subdivisions. As of June 30, 2012, there were 1,320 covered employers participating in multiple plans administered by DRS. The eligibility requirements and provisions of each plan can be found in Note 2 of the Notes to the Financial Statements. DRS also administers a deferred compensation program.

DRS is responsible as well for the collection of employer contributions for the Higher Education Retirement Plan Supplemental Benefit Fund (HERP), a new account intended to be used to pay required supplemental benefits to eligible HERP retirees, but that is not administered by DRS. Because of the limited scope of responsibility assigned to DRS by the Legislature, the HERP fund is not included in these financial statements.

Additionally, DRS is responsible for all of the accounting and reporting services and the collection of contributions for the Judicial Retirement Account (JRA), a defined contribution pension plan administered by the State of Washington Administrative Office of the Courts.

The Washington State Legislature originally created the Department of Retirement Systems in 1976 to administer the Public Employees' (PERS), Teachers' (TRS), Law Enforcement Officers' and Fire Fighters' (LEOFF), Washington State Patrol (WSPRS), and Judicial (JRS) retirement systems, and the Judges' Retirement Fund (Judges).

Significant events in state retirement system history are listed below:

## 1930s-1940s

The PERS, TRS, WSPRS, Judges and many local police and fire fighters' retirement systems were created.

## 1950s-1960s

Independent administration of individual retirement systems continued.

## 1970

Local police and fire fighters' retirement systems were consolidated into LEOFF.

## 1976

The Department of Retirement Systems was created to administer state retirement systems.
The Office of the State Actuary was created to provide pension cost estimates.

## 1977

The LEOFF Plan 2, PERS Plan 2 and TRS Plan 2 were created.

## 1981

The Washington State Investment Board was created to manage the investment of all state trust funds.

## 1987

The Joint Committee on Pension Policy was created.

## 1995

The TRS Plan 3 was created effective July 1, 1996. The Employee Retirement Benefit Board (ERBB) was also created at that time to provide recommendations regarding investment, payment, and contribution options regarding Plan 3; and to ratify administrative charges assessed to members participating in selfdirected investment options.

## 1996

The state Deferred Compensation program was transferred to DRS.

DRS assumed accounting and reporting responsibility for JRA.

## 1998

The School Employees' Retirement System (SERS)
Plans 2 and 3 were created effective
September 1, 2000.
The Pension Funding Council was created.

## 1999

The PERS Plan 3 was created effective March 1, 2002, for state and higher education employees, and September 1, 2002, for local government employees.

## 2001

The WSPRS Plan 2 was created effective January 1, 2003.

## 2003

The LEOFF 2 Board was established effective July 1, 2003.

The Joint Committee on Pension Policy became the Select Committee on Pension Policy effective July 27, 2003.

## 2004

The Public Safety Employees' Retirement System (PSERS) was created effective July 1, 2006.

## 2007

The Judges' Benefit Multiplier bill, effective January 1, 2007, gave justices and judges in PERS and TRS a one-time irrevocable option to increase their contributions in order to fund a larger retirement benefit.

## 2010

The Legislature eliminated the ERBB effective June 30, 2010. The duties of the ERBB transferred to the Director of DRS.

## 2012

Effective January 1, 2012, DRS was tasked with the collection of HERP Supplemental Benefit Fund contributions.

## Accounting System and Internal Control

This report has been prepared to conform to the principles of accounting and reporting established by the Governmental Accounting Standards Board (GASB). The basic financial statements are presented in accordance with guidelines established by GASB Statement No. 25, Financial Reporting for Defined Benefit Plans and Note Disclosures for Defined Contribution Plans, and other GASB statements, as appropriate. Specific accounting treatments are detailed in the Notes to the Financial Statements found in the Financial Section of this report.

Management is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the government are protected from loss, theft, or misuse, and to ensure that adequate accounting data are compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that: (1) the cost of a control should not exceed the benefits likely to be derived, and (2) the valuation of costs and benefits requires estimates and judgments by management. In addition, budgetary controls are maintained by the Office of Financial Management and the Washington State Legislature.

## Funding

The intent of public pension funding in Washington State is to provide a dependable and systematic process for financing the benefits provided by the retirement systems. Measurements of funding status indicate how well a retirement plan is accomplishing that goal. There are two standard indicators of funding status: the funding ratio and the existence of an unfunded liability. Both measure the benefit obligations, or liabilities, of a plan against its assets. If the funding level is adequate, the ratio of total accumulated assets to total liabilities will be larger and more funds will be available for investment purposes. Also, an adequate funding level gives the participants assurance that their pension benefits are secure.

The actuarial value of assets available as of the latest actuarial date for all systems is $\$ 60,661$ million. The accrued liability is $\$ 64,764$ million. The accrued liability exceeds the net actuarial value of assets available for benefits by $\$ 4,103$ million. The ratio of assets to liabilities is 94 percent, compared to 95 percent last year. Current contribution rates remain in keeping with the goal of attaining a funding ratio of 100 percent by the amortization dates applicable to each plan (June 30, 2024 for LEOFF Plan 1, and a rolling ten-year period for PERS Plan 1 and TRS Plan 1), as required by chapter 41.45 RCW. Valuations are performed for all DRS-administered retirement systems on a yearly (July 1 through June 30) basis. These calculations are prepared by the Office of the State Actuary and reflect the latest valuation results. Additional actuarial information is included in the Actuarial Section of this report.

## Investments

Under RCW 43.33A.030, trusteeship of the Retirement Funds is vested within the voting members of the Washington State Investment Board (WSIB). The WSIB has sole authority and responsibility for the investment of all state and local pension fund assets. The enabling statute requires the WSIB to "...establish investment policies and procedures designed exclusively to maximize return at a prudent level of risk." The policies adopted by the WSIB include provisions for the setting of strategic asset allocation objectives, as well as strategies and return objectives for individual asset classes. A summary of the asset allocation can be found in the Investment Section of this report.

For Fiscal Year 2012, the commingled trust fund (CTF) investments provided a 1.40 percent rate of return. The CTF annualized rate of return over the last three years was 11.62 percent and 1.17 percent over the last five years.

The day-to-day management of pension fund assets is the responsibility of WSIB staff. Further investment information, including the names of investment professionals that provide service to WSIB, is included in the Investment Section of this report.

## Departmental Initiatives

The department's activities are highlighted in the "Message from the Director" on page 3 of this Introductory Section.

## Professional Awards

The Government Finance Officers' Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to DRS for its comprehensive annual financial report for the fiscal year ended June 30, 2011. This was the eighteenth consecutive year that DRS has achieved this prestigious award. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

In October 2012, DRS also received the Public Pension Standards 2012 Recognition Award for Administration from the Public Pension Coordinating Council (PPCC). The PPCC is a coalition of three national associations that serve public pension funds. It represents substantially all employees of state and local government in the United States. Eligibility for this award entails meeting the professional standards for plan administration as set forth in the Public Pension Standards. These standards are intended to reflect minimum expectations for public retirement system administration.

## Acknowledgments

This report was made possible by the employees of DRS based in part on information provided by the Office of Financial Management, the Office of the State Actuary, the Office of the State Treasurer and the Washington State Investment Board. Each member of these agencies has our sincere appreciation.

This report is intended to provide complete and reliable information that can be used to make management decisions, determine compliance with legal provisions, and evaluate responsible stewardship of DRSadministered retirement system funds.

Respectfully submitted,


Steven R. Hill
Director

# Certificate of Achievement for Excellence in Financial Reporting 

Presented to

# Washington State Department of Retirement Systems 

For its Comprehensive Annual<br>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 Recognition Award for Administration 2012

Presented to

## Washington State Department of Retirement Systems

In recognition of meeting professional standards for plan 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

## 2012 Washington State Legislative Actions

The 2012 Washington State Legislature passed five pension-related bills that were signed into law by Governor Gregoire. These bills are described below:

## Bills that apply to more than one system

- Engrossed Substitute Senate Bill 6239 allows same-gender couples to marry, and automatically converts certain domestic partnerships to marriages unless the couple marries or dissolves the partnership before June 30, 2014. Under the provisions of this bill, survivor benefits may be available to certain members of the state's retirement systems sooner than under current law. Note: This measure is on hold pending a vote on Referendum 74 in the November general election.
- Second Engrossed Senate Bill 6378 makes the following pension reforms:
- All new employees first hired into eligible positions in PERS, TRS and SERS on or after May 1, 2013, would be provided an option to retire early by accepting a reduction of five percent for each year of retirement before age 65. This option would be available only to those who are age 55 or older and have at least 30 years of service.
- The state's assumption for the rate of long-term investment returns will be gradually lowered by $1 / 10$ th of one percent for the next three biennia (from the current rate of eight percent to 7.7 percent) for all pension systems except LEOFF 2. It also requires the State Actuary to study the financial condition of the systems after these changes are made and present the findings to the Pension Funding Council.
- The Select Committee on Pension Policy will be required to study job classes that, due to physical or psychological risks, may need earlier retirement options than those provided in the bill. They must report their findings no later than December 15, 2012.


## Law Enforcement Officers' and Fire Fighters' Retirement System

- Senate Bill 6134 changes the deadline for Department of Fish and Wildlife Enforcement Officers to pay for and transfer service credit under RCW 41.26.435 from June 30, 2014 to June 30, 2012.


## Washington State Patrol Retirement System

- Engrossed Senate Bill 5159 allows current Washington State Patrol Retirement System members who have service credit in the Public Employees' Retirement System (PERS) Plan 2 to transfer their PERS credit earned as commercial vehicle enforcement officers or as communications officers into the WSPRS. The member pays the full actuarial cost of the transfer.


## Other Pension Related Bills

- Engrossed House Bill 2771 amends the retirement statutes to clarify that governmental contractors are not employers under the system, unless otherwise qualifying, and that the determination of whether an employee/employer relationship has been established shall be based solely on the relationship between the contracted employee and the governmental employer.

Financial Section


# CliftonLarsonAllen 

Independent Auditor's Report

Mr. Steve Hill, Director<br>Washington State Department of Retirement Systems<br>Olympia, Washington

We have audited the accompanying financial statements (including the individual fund financial statements) of the Washington State Department of Retirement Systems (DRS), as of and for the year ended June 30, 2012, as listed in the table of contents. These financial statements are the responsibility of DRS' management. Our responsibility is to express an opinion on these financial statements based on our audit. The financial statements of DRS as of and for the year ended June 30, 2011, which are summarized in comparative form, were audited by other accountants whose report, dated October 28, 2011, expressed an unqualified opinion on those financial statements.

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 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 2012 financial statements referred to above present fairly, in all material respects, DRS' fiduciary net position as of June 30, 2012, and the changes in its fiduciary net position for the year then ended in conformity with accounting principles generally accepted in the United States of America. Also, in our opinion, the financial statements present fairly in all material respects, the fiduciary net position of each of the individual funds of DRS as of June 30, 2012, and the changes in fiduciary net position of such funds for the year then ended in conformity with accounting principles generally accepted in the United States.

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis and Required Supplementary Schedules of Funding Progress and Contributions from Employers and Other Contributing Entities, as listed in the table of contents, be presented to supplement the financial statements. Such information, although not a part of the financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the 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 financial statements, and other knowledge we obtained during our audit of the basic financial statements. However, we did not audit the information and express no opinion on it.

Our audit was made for the purpose of forming an opinion on the financial statements taken as a whole. Supporting schedules, as listed in the table of contents, are presented for purposes of additional analysis and are not a required part of the financial statements. Supporting schedules, as listed in the table of contents are the responsibility of management and have been subjected to the auditing procedures applied in the audit of the basic financial statements. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements taken as a whole.

The Introductory Section, Investment Section, Actuarial Section and Statistical Section as listed in the table of contents have not been subject to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on them.

## Cliftorelarson Allex $\angle \angle P$

Baltimore, Maryland
October 30, 2012

## Management's Discussion and Analysis

This discussion and analysis provides an overview of financial activities of the Washington State Department of Retirement Systems (DRS) for the Fiscal Year ended June 30, 2012. Please read it in conjunction with the Letter of Transmittal beginning on page 8 and DRS' financial statements, which begin on page 24 of this report.

DRS' overall financial position declined slightly during the year ended June 30, 2012.

## Financial Highlights

- The fiduciary net position of all the pension funds administered by DRS decreased $\$ 424.1$ million during Fiscal Year 2012.
- The covered payroll requiring both employee and employer pension contributions reported during the year totaled $\$ 16,211.9$ million, representing a slight $2.9 \%$ decrease from the previous year.
- Employer contributions totaled $\$ 1,145.1$ million and member contributions (including restorations) totaled $\$ 1,004.0$ million, representing increases of $27 \%$ and $5 \%$, respectively, from the previous fiscal year.
- Net investment earnings (net appreciation/ depreciation in the fair value of investments, plus interest and dividend income, less investment expenses) decreased $\$ 11,144.2$ million to $\$ 784.9$ million in Fiscal Year 2012.
- Pension benefits paid to retirees and beneficiaries increased $\$ 158.0$ million bringing the total benefit payments to $\$ 3,084.4$ million. Refunds of contributions paid to former retirement system members increased $18 \%$ from $\$ 431.0$ million to $\$ 509.6$ million.
- Administrative expenses totaled $\$ 29.8$ million and represented a $4 \%$ increase from last fiscal year.


## Overview of the Financial Statements

This discussion and analysis serves as an introduction to DRS' financial statements, which consist of the following components: basic financial statements, notes
to the financial statements, required supplementary information, and other supporting schedules.

## Basic Financial Statements

The basic financial statements, presented for the fiduciary funds, are fund financial statements and include a Statement of Fiduciary Net Position (formerly the Statement of Plan Net Assets) and a Statement of Changes in Fiduciary Net Position (formerly the Statement of Changes in Plan Net Assets). The fiduciary funds include defined benefit and defined contribution pension trust funds and the deferred compensation program trust fund. The Statement of Fiduciary Net Position presented on pages 24-27 reports the assets, liabilities and resulting net position available for pension and other benefits as of June 30, 2012. The Statement of Changes in Fiduciary Net Position presented on pages 28-31 reports the additions to, deductions from, and resulting change in net fiduciary position for the Fiscal Year ended June 30, 2012.

## Notes to the Financial Statements

The notes to the financial statements presented on pages 32-73 of this report are an integral part of the financial statements and include additional information not readily evident in the statements themselves. Note 1 provides a summary of significant accounting policies and plan asset matters including the reporting entity, measurement focus, basis of accounting, investments, reserves, capital assets, leases, long-term liabilities, transfers, financial statement formatting, accounting and reporting changes and contingencies. Note 2 provides a general description of DRS, plan descriptions and funding policy. Section D of this note also provides current year funded status and funding progress information as well as a summary of the actuarial and economic methods and significant assumptions used.

## Required Supplementary Information

Because of the long-term nature of a defined benefit pension plan, financial statements alone cannot provide sufficient information to properly reflect an ongoing plan perspective. The required supplementary information consists of two historical trend schedules.

The Schedules of Funding Progress presented on pages $74-77$ include historical trend information about the actuarially funded status of each plan from a long-term, ongoing plan perspective and the progress made in accumulating sufficient assets to pay benefits when due. The Schedule of Contributions from Employers and Other Contributing Entities presented on page 78 includes historical trend information about the annual required contributions of employers and the contributions made by employers in relation to this requirement. These schedules provide information that contributes to understanding the changes over time in the funded status of the plans.

## Supporting Schedules and Other Financial Information

These schedules are presented on pages 79-81 and provide additional detailed information useful in evaluating the condition of the plans administered by DRS. These schedules include information on administrative expenses, investment expenses, payments to consultants and other additional information.

## Financial Analysis of DRS Funds

| Analysis of Fiduciary Net Position (dollars in millions) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Net Assets | Fiscal Year 2012 | Fiscal Year 2011 | Increase (Decrease) Amount | Increase <br> (Decrease) Percentage |
| Assets |  |  |  |  |
| Cash and PooledInvestments $\quad \$ \quad 39.5$ \$ 34.4 \$ 5.1 |  |  |  |  |
| Receivables | 1,397.3 | 1,870.9 | (473.6) | (25)\% |
| Capital Assets, Net of Depreciation | 0.4 | 0.4 | - | 0\% |
| Investments, Noncurrent | 67,866.1 | 71,067.4 | $(3,201.3)$ | (5)\% |
| Other Assets | 1.6 | 1.3 | 0.3 | 23\% |
| Total Assets | 69,304.9 | 72,974.4 | $(3,669.5)$ | (5)\% |
| Liabilities |  |  |  |  |
| Obligations Under Securities Lending Agreements | - | 2,712.5 | (2,712.5) | (100)\% |
| Other Short-Term Liabilities | 1,415.6 | 1,948.8 | (533.2) | (27)\% |
| Long-Term Obligations | 1.6 | 1.3 | 0.3 | 23\% |
| Total Liabilities | 1,417.2 | 4,662.6 | $(3,245.4)$ | (70)\% |
| Fiduciary Net Position | \$67,887.7 | \$68,311.8 | \$(424.1) | (1)\% |

The fiduciary net position decreased by $\$ 424.1$ million in Fiscal Year 2012 and totaled $\$ 67,887.7$ million as of June 30, 2012. The decrease was largely the result of the impact of current year market movements on the investment porffolio.

Total trust fund assets as of June 30, 2012 were $\$ 69,304.9$ million, representing a decrease of $\$ 3,669.5$ million, or $5 \%$, from the previous fiscal year. The main components of this decrease are detailed below:

- Total investments decreased by $\$ 3,201.3$ million, or $5 \%$, and reflected the difficult market conditions during the year, especially as they pertained to the negative returns of the equity markets.
- Receivables decreased a net of $\$ 473.6$ million, or $25 \%$, to $\$ 1,397.3$ million. Of this decrease, $\$ 500.6$ million was investment-related and the result of international managers having fewer open trades at June 30, 2012 compared to the prior year. Partially offsetting this decrease was a combined $\$ 27.0$ million net increase in regular plan receivables from employers, members, and other state agencies, resulting from normal operations.
Total trust fund liabilities as of June 30, 2012 were $\$ 1,417.2$ million, representing a decrease of $\$ 3,245.4$ million, or $70 \%$, from the previous year. This decrease was also largely investment-related, as described below:
- All securities on loan were recalled by the Washington State Investment Board (WSIB) as of June 30, 2012 in anticipation of a custodian bank transition on July 1, 2012. Accordingly, the Retirement Funds held no collateral in securities lending at year-end, compared to $\$ 2,712.5$ million at the end of Fiscal Year 2011.
- Other short term liabilities decreased a net $\$ 533.2$ million, or $27 \%$, from the previous year. Of this amount, $\$ 539.6$ million represented a decrease in securities trade payables due to fewer open and unsettled security trades at yearend, and $\$ 6.6$ million represented an offsetting net increase, resulting from normal operations, in other non-investment related accounts, such as accounts payable, liabilities among the pension funds, accrued salaries and unearned revenue.

| Analysis of Changes in Fiduciary <br> (dollars in millions) |  |  |  |  |
| :--- | :---: | ---: | ---: | ---: |
|  | Fiscal | Fiscal | Increase | Increase |
| 年 Fiduciary | Year | Year | (Decrease) | (Decrease) |
| on | 2012 | 2011 | Amount | Percentage |

## Additions

| Employer Contributions | \$ 1,145.1 | \$ 901.9 | \$243.2 | 27\% |
| :---: | :---: | :---: | :---: | :---: |
| Member |  |  |  |  |
| Contributions | 1,004.0 | 959.1 | 44.9 | 5\% |
| State Contributions | 60.9 | 62.9 | (2.0) | (3)\% |
| Participant Contributions | 178.4 | 186.7 | (8.3) | (4)\% |
| Net Investment Income (Loss) | 784.9 | 11,929.1 | (11,144.2) | (93)\% |
| Charges for Services | 27.7 | 28.0 | (0.3) | (1)\% |
| Transfers from Other Pension Plans | 3.0 | 11.5 | (8.5) | (74)\% |
| Other Additions | 1.0 | 1.5 | (0.5) | (33)\% |
| Total Additions | 3,205.0 | 14,080.7 | $(10,875.7)$ | (77)\% |
| Deductions |  |  |  |  |
| Benefits | 3,084.4 | 2,926.4 | 158.0 | 5\% |
| Refunds of Contributions | 509.6 | 431.0 | 78.6 | 18\% |
| Transfers to Other Pension Plans | 3.0 | 11.5 | (8.5) | (74)\% |
| Transfers to Other Funds | 2.3 | 1.5 | 0.8 | 53\% |
| Administrative Expenses | 29.8 | 28.6 | 1.2 | 4\% |
| Total Deductions | 3,629.1 | 3,399.0 | 230.1 | 7\% |
| Net Increase/(Decrease) | (424.1) | 10,681.7 | (11,105.8) | (104)\% |
| Fiduciary Net PositionBeginning of Year | 68,311.8 | 57,630.1 | 10,681.7 | 19\% |
| Fiduciary Net PositionEnd of Year | \$67,887.7 | \$68,311.8 | \$(424.1) | (1)\% |

Additions to the retirement trust funds primarily consist of contributions from employers, active system members and the state, and from investment earnings. Additions to the deferred compensation trust fund consist of participant contributions and investment earnings.

Total trust fund additions (excluding plan transfers) for Fiscal Year 2012 amounted to $\$ 3,202.0$ million, a decrease of $\$ 10,867.2$ million from Fiscal Year 2011. This decrease was primarily due to the $\$ 11,144.2$ million reduction in net income from investment activities, caused almost entirely by current year market movements. This reduced investment performance yielded a modest $1.4 \%$ total return for the Retirement Funds' Commingled Trust Fund (CTF), compared to the $21.1 \%$ return of the previous year. Specifically, this decrease was the result of realized and unrealized losses in the publicly traded equity securities (which make up $36 \%$ of the CTF and experienced a negative $5.78 \%$ return), since all other asset classes (except for the very small innovation class, which makes up less than $1 \%$ of the CTF and yielded a negative $9.79 \%$ return) experienced positive investment returns. These positive investment returns were in the following porffolios: fixed income, $5.51 \%$; tangible, $2.11 \%$; real estate, $8.57 \%$; private equity, $5.26 \%$; and cash, $0.14 \%$.

Employer contributions increased \$243.2 million, or $27 \%$, and totaled $\$ 1,145.1$ million for the Fiscal Year ended June 30, 2012. This increase was the result of contribution rate changes. Total covered payroll was $\$ 16,211.9$ million in Fiscal Year 2012 and represented a slight $2.9 \%$ decrease from the previous year.

Member contributions include both regular contributions and the restoration contributions of those members that have returned to public employment after having previously withdrawn their plan contributions. Total contributions increased $\$ 44.9$ million, or $5 \%$, over the previous year and totaled $\$ 1,004.0$ million for Fiscal Year 2012. Regular member contributions increased $\$ 51.3$ million to $\$ 965.8$ million, and reflected higher contribution rates. Restoration contributions decreased $\$ 6.4$ million to $\$ 38.2$ million during the current year.

State contributions decreased marginally, from $\$ 62.9$ million last year to $\$ 60.9$ million in Fiscal Year 2012 and reflected the slightly lower allocation out of the State General Fund for the Judicial Retirement System (JRS).

Participant contributions to the Deferred Compensation Program (DCP) decreased 4\% from the prior year and totaled $\$ 178.4$ million in Fiscal Year 2012. The weakened economic conditions, combined with the voluntary nature of this program's participation, which allows participants the option to stop or lower their contributions, were the likely causes of this modest decrease. As of June 30, 2012, the number of active and contributing DCP participants was 31,728 and represented a decrease of $1,034(3 \%)$ from the previous year.

Transfers from and to other pension plans decreased $\$ 8.5$ million to $\$ 3.0$ million in Fiscal Year 2012, and reflected the reduced member movement activity among the pension plans.

Other additions decreased by $\$ 0.5$ million to $\$ 1.0$ million in Fiscal Year 2012.

Deductions to the retirement trust funds consist of the payment of benefits to retirees and beneficiaries, the refund of contributions to former retirement system members, and the cost of administering the retirement systems. Benefit payments to members include both pension and annuity benefits. Expenses for the management of trust funds are incurred by the WSIB are funded from earnings on investments. Deductions to the deferred compensation trust fund consist of payments to plan participants and administrative expenses.

Total trust fund deductions (excluding plan transfers) for Fiscal Year 2012 were $\$ 3,626.1$ million, an increase of $\$ 238.6$ million, or $7 \%$, over Fiscal Year 2011, resulting primarily from an increase in benefits paid to retirees and beneficiaries. Benefit payments increased $\$ 158.0$ million, or $5 \%$, due to an increase in the number of retirees during the year, the annual cost-ofliving adjustments that increased benefit payouts, and the higher salaries of those newly retired.

Total refunds for Fiscal Year 2012 were $\$ 509.6$ million, representing a $\$ 78.6$ million increase from the previous year. Of this increase, $\$ 44.9$ million can be attributed to employees withdrawing their plan contributions upon terminating public employment and $\$ 22.7$ million are
additional distributions from the deferred compensation program for mandatory distributions and other withdrawals from program participants.

Transfers to other funds increased $\$ .8$ million to $\$ 2.3$ million in Fiscal Year 2012 and represented an increased operating budget transfer into the State General Fund.

## Capital Assets

DRS' investment in capital assets for its fiduciary activities includes furnishings, equipment and improvements other than buildings. As of June 30, 2012, total investment was $\$ 2.6$ million, with accumulated depreciation of $\$ 2.2$ million, leaving a net book value of $\$ 0.4$ million, representing no measurable change from the previous year. Additional information on DRS' capital assets can be found in section J of Note 1 to the financial statements.

## Other Long-Term Obligations

At year-end, DRS had \$1.6 million in outstanding general long-term obligations, which represented a slight increase from the prior year. These long-term obligations represent DRS' liability for employees' accumulated annual and sick leave. Additional information on DRS' long-term debt obligations can be found in section L of Note 1 to the financial statements.

## Contacting DRS' Financial Management

This financial report is designed to provide a general overview of DRS' finances. If you have questions about this report or need additional financial information, contact the Department of Retirement Systems' Fiscal Office, P. O. Box 48380, Olympia, WA 98504-8380.

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## Statement of Fiduciary Net Position

Pension Trust and Other Employee Benefit Trust Funds by Plan
As of June 30, 2012 and 2011 (page 1 of 4)
(expressed in thousands)

|  | Pension Trust |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PERS <br> Plan 1 |  | PERSPlan $2 / 3$ |  | PERS Plan 3 Defined Contribution |  | $\begin{array}{r} \text { SERS } \\ \text { Plan } 2 / 3 \end{array}$ |  | SERS Plan 3 Defined Contribution |  |
| ASSETS |  |  |  |  |  |  |  |  |  |  |
| Cash and Pooled Investments | \$ | 3,158 | \$ | 5,796 | \$ | 302 | \$ | 3,461 | \$ | 1,053 |
| Receivables |  |  |  |  |  |  |  |  |  |  |
| Due from Other Governments |  | 4,144 |  | 46,269 |  | 4,681 |  | 9,774 |  | 5,122 |
| Member Accounts Receivable (Net of Allowance) |  | 752 |  | 180 |  | - |  | 9 |  | - |
| Interest and Dividends |  | 21,598 |  | 60,313 |  | 2,904 |  | 8,221 |  | 2,742 |
| Investment Trades Pending Receivable - Short Term |  | 127,579 |  | 356,587 |  | 17,171 |  | 48,598 |  | 16,214 |
| Due from Pension Funds |  | 410 |  | 657 |  | 240 |  | 2,680 |  | - |
| Due from Other Washington State Agencies |  | 4 |  | 3 |  | - |  | - |  | - |
| Total Receivables |  | 154,487 |  | 464,009 |  | 24,996 |  | 69,282 |  | 24,078 |
| Capital Assets, Net of Depreciation |  | 120 |  | 70 |  | - |  | 1 |  | - |
| Investments, Noncurrent |  |  |  |  |  |  |  |  |  |  |
| Equity in the Commingled Trust Fund |  | 7,220,492 |  | 20,181,480 |  | 971,809 |  | 2,750,483 |  | 917,627 |
| Liquidity |  | 173,303 |  | 492,408 |  | 27,797 |  | 67,269 |  | 25,122 |
| Other Noncurrent Investments |  | - |  | - |  | 724,605 |  | - |  | 333,763 |
| Collateral Held Under Securities Lending Agreements |  | - |  | - |  | - |  | - |  | - |
| Total Investments, Noncurrent |  | 7,393,795 |  | 20,673,888 |  | 1,724,211 |  | 2,817,752 |  | 1,276,512 |
| Other Assets |  | 482 |  | 279 |  | - |  | 2 |  | - |
| TOTAL ASSETS |  | 7,552,042 |  | 21,144,042 |  | 1,749,509 |  | 2,890,498 |  | 1,301,643 |
| LIABILITIES |  |  |  |  |  |  |  |  |  |  |
| Obligations Under Security Lending Agreements |  | - |  | - |  | - |  | - |  | - |
| Accounts Payable |  | 1,695 |  | 3,272 |  | 3,064 |  | 375 |  | 2,863 |
| Investment Trades Pending Payable - Short Term |  | 163,590 |  | 457,239 |  | 22,018 |  | 62,315 |  | 20,791 |
| Due to Other Governments |  | 6,192 |  | 1,955 |  | - |  | 375 |  | - |
| Due to Pension Funds |  | 2,992 |  | 846 |  | - |  | 133 |  | 141 |
| Due to Other Washington State Agencies |  | 124 |  | 133 |  | - |  | 7 |  | - |
| Other Short-Term Liabilities |  | 3 |  | 2 |  | - |  | - |  | - |
| Other Long-Term Obligations |  | 481 |  | 279 |  | - |  | 2 |  | - |
| Accrued Salaries |  | 194 |  | 114 |  | - |  | 1 |  | - |
| Unearned Revenues |  | 57 |  | 414 |  | - |  | 4 |  | - |
| TOTAL LIABILITIES |  | 175,328 |  | 464,254 |  | 25,082 |  | 63,212 |  | 23,795 |
| FIDUCIARY NET POSITION: |  |  |  |  |  |  |  |  |  |  |
| Pension Plans |  | 7,376,714 |  | 20,679,788 |  | 1,724,427 |  | 2,827,286 |  | 1,277,848 |
| Deferred Compensation Plan |  | - |  | - |  | - |  | - |  | - |
| TOTAL FIDUCIARY NET POSITION: | \$ | 7,376,714 | \$ | 20,679,788 | \$ | 1,724,427 | \$ | 2,827,286 | \$ | 1,277,848 |

The accompanying notes are an integral part of this statement.

## Statement of Fiduciary Net Position

Pension Trust and Other Employee Benefit Trust Funds by Plan
As of June 30, 2012 and 2011 (page 2 of 4)
(expressed in thousands)

|  | Pension Trust |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PSERS <br> Plan 2 |  | TRS Plan 1 |  |  TRS Plan 3 <br> TRS Defined <br> Plan 2/3 Contribution |  |  |  | $\begin{aligned} & \text { LEOFF } \\ & \text { Plan } 1 \end{aligned}$ |  |
| ASSETS |  |  |  |  |  |  |  |  |  |  |
| Cash and Pooled Investments | \$ | 252 | \$ | 3,333 | \$ | 5,294 | \$ | 4,461 | \$ | 1,383 |
| Receivables |  |  |  |  |  |  |  |  |  |  |
| Due from Other Governments |  | 1,926 |  | 2,436 |  | 25,363 |  | 22,426 |  | - |
| Member Account Receivable (Net of Allowance) |  | - |  | 464 |  | 23 |  | - |  | 72 |
| Interest and Dividends |  | 497 |  | 18,130 |  | 20,615 |  | 9,052 |  | 14,348 |
| Investment Trades Pending Receivable - Short Term |  | 2,938 |  | 107,104 |  | 121,847 |  | 53,523 |  | 84,792 |
| Due from Pension Funds |  | 5 |  | 356 |  | 2,781 |  | - |  | 190 |
| Due from Other Washington State Agencies |  | - |  | 4 |  | 1 |  | - |  | 2 |
| Total Receivables |  | 5,366 |  | 128,494 |  | 170,630 |  | 85,001 |  | 99,404 |
| Capital Assets, Net of Depreciation |  | - |  | 104 |  | 22 |  | - |  | 56 |
| Investments, Noncurrent |  |  |  |  |  |  |  |  |  |  |
| Equity in the Commingled Trust Fund |  | 166,268 |  | 6,061,649 |  | 6,896,190 |  | 3,029,047 |  | 4,798,861 |
| Liquidity |  | 6,374 |  | 145,408 |  | 173,339 |  | 85,028 |  | 114,789 |
| Other Noncurrent Investments |  | - |  | - |  | - |  | 2,041,841 |  | - |
| Collateral Held Under Securities Lending Agreements |  | - |  | - |  | - |  | - |  | - |
| Total Investments, Noncurrent |  | 172,642 |  | 6,207,057 |  | 7,069,529 |  | 5,155,916 |  | 4,913,650 |
| Other Assets |  | - |  | 419 |  | 89 |  | - |  | 223 |
| TOTAL ASSETS |  | 178,260 |  | 6,339,407 |  | 7,245,564 |  | 5,245,378 |  | 5,014,716 |
| LIABILITIES |  |  |  |  |  |  |  |  |  |  |
| Obligations Under Security Lending Agreements |  | - |  | - |  | - |  | - |  | - |
| Accounts Payable |  | 26 |  | 1,213 |  | 913 |  | 5,669 |  | 1,225 |
| Investment Trades Pending Payable - Short Term |  | 3,767 |  | 137,335 |  | 156,240 |  | 68,630 |  | 108,725 |
| Due to Other Governments |  | - |  | 6,043 |  | 629 |  | - |  | 11 |
| Due to Pension Funds |  | 19 |  | 2,498 |  | 373 |  | 230 |  | 2 |
| Due to Other Washington State Agencies |  | 1 |  | 79 |  | 27 |  | - |  | 50 |
| Other Short-Term Liabilities |  | - |  | 3 |  | - |  | - |  | 1 |
| Other Long-Term Obligations |  | - |  | 419 |  | 89 |  | - |  | 223 |
| Accrued Salaries |  | - |  | 167 |  | 36 |  | - |  | 92 |
| Unearned Revenues |  | - |  | 167 |  | 11 |  | - |  | - |
| TOTAL LIABILITIES |  | 3,813 |  | 147,924 |  | 158,318 |  | 74,529 |  | 110,329 |
|  | FIDUCIARY NET POSITION: |  |  |  |  |  |  |  |  |  |
| Pension Plans |  | 174,447 |  | 6,191,483 |  | 7,087,246 |  | 5,170,849 |  | 4,904,387 |
| Deferred Compensation Plan |  | - |  | - |  | - |  | - |  | - |
| TOTAL FIDUCIARY NET POSITION: | \$ | 174,447 | \$ | 6,191,483 | \$ | 7,087,246 | \$ | 5,170,849 | \$ | 4,904,387 |

The accompanying notes are an integral part of this statement.

## Statement of Fiduciary Net Position

## Pension Trust and Other Employee Benefit Trust Funds by Plan

As of June 30, 2012 and 2011 (page 3 of 4)
(expressed in thousands)

|  | Pension Trust |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | LEOFF <br> Plan 2 |  | WSPRS <br> Plan 1/2 |  | JRS |  | Judges |  |
| ASSETS |  |  |  |  |  |  |  |  |
| Cash and Pooled Investments | \$ | 1,187 | \$ | 762 | \$ | 3,499 | \$ | 1,874 |
| Receivables |  |  |  |  |  |  |  |  |
| Due from Other Governments |  | 16,995 |  | 504 |  | 2 |  | - |
| Member Account Receivable (Net of Allowance) |  | 50 |  | 2 |  | 2 |  | - |
| Interest and Dividends |  | 19,342 |  | 2,569 |  | - |  | - |
| Investment Trades Pending Receivable - Short Term |  | 114,351 |  | 15,185 |  | - |  | - |
| Due from Pension Funds |  | 39 |  | 22 |  | - |  | - |
| Due from Other Washington State Agencies |  | - |  | - |  | - |  | - |
| Total Receivables |  | 150,777 |  | 18,282 |  | 4 |  | - |
| Capital Assets, Net of Depreciation |  | 9 |  | 6 |  | - |  | - |
| Investments, Noncurrent |  |  |  |  |  |  |  |  |
| Equity in the Commingled Trust Fund |  | 6,471,849 |  | 859,429 |  | - |  | - |
| Liquidity |  | 165,156 |  | 20,621 |  | - |  | - |
| Other Noncurrent Investments |  | - |  | - |  | - |  | - |
| Collateral Held Under Securities Lending Agreements |  | - |  | - |  | - |  | - |
| Total Investments, Noncurrent |  | 6,637,005 |  | 880,050 |  | - |  | - |
| Other Assets |  | 37 |  | 25 |  | - |  | - |
| TOTAL ASSETS |  | 6,789,015 |  | 899,125 |  | 3,503 |  | 1,874 |


| LIABILITIES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Obligations Under Security Lending Agreements |  | - |  | - |  | - |  | - |
| Accounts Payable |  | 1,226 |  | 157 |  | - |  | - |
| Investment Trades Pending Payable - Short Term |  | 146,629 |  | 19,471 |  | - |  | - |
| Due to Other Governments |  | 14 |  | 214 |  | 32 |  | 2 |
| Due to Pension Funds |  | 140 |  | 6 |  | - |  | - |
| Due to Other Washington State Agencies |  | 30 |  | 17 |  | - |  | - |
| Other Short-Term Liabilities |  | - |  | - |  | - |  | - |
| Other Long-Term Obligations |  | 37 |  | 26 |  | - |  | - |
| Accrued Salaries |  | 19 |  | 10 |  | - |  | - |
| Unearned Revenues |  | 227 |  | 4 |  | - |  | - |
| TOTAL LIABILITIES |  | 148,322 |  | 19,905 |  | 32 |  | 2 |
| FIDUCIARY NET POSITION: |  |  |  |  |  |  |  |  |
| Pension Plans |  | 6,640,693 |  | 879,220 |  | 3,471 |  | 1,872 |
| Deferred Compensation Plan |  | - |  | - |  | - |  | - |
| TOTAL FIDUCIARY NET POSITION: | \$ | 6,640,693 | \$ | 879,220 | \$ | 3,471 | \$ | 1,872 |

[^0]
## Statement of Fiduciary Net Position

## Pension Trust and Other Employee Benefit Trust Funds by Plan

As of June 30, 2012 and 2011 (page 4 of 4)
(expressed in thousands)

|  |  | Pension Trust |  |
| :--- | :--- | ---: | :--- |

The accompanying notes are an integral part of this statement.

## Statement of Changes in Fiduciary Net Position

## Pension and Other Employee Benefit Trust Funds by Plan

For the Years Ended June 30, 2012 and 2011 (page 1 of 4)
(expressed in thousands)

|  | Pension Trust |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | PERS Plan 1 |  | PERS Plan $2 / 3$ |  | RS Plan 3 Defined ntribution |  | $\begin{array}{r} \text { SERS } \\ \text { Plan } 2 / 3 \end{array}$ |  | Plan 3 Defined ibution |
| ADDITIONS |  |  |  |  |  |  |  |  |  |  |
| Retirement Contributions |  |  |  |  |  |  |  |  |  |  |
| Employer | \$ | 257,197 | \$ | 385,253 | \$ | - | \$ | 74,640 | \$ | - |
| Plan Member |  | 24,317 |  | 310,160 |  | 95,172 |  | 24,095 |  | 59,021 |
| State |  | - |  | - |  | - |  | - |  | - |
| Plan Member Restorations |  | 7,283 |  | 15,969 |  | - |  | 222 |  | - |
| Total Retirement Contributions |  | 288,797 |  | 711,382 |  | 95,172 |  | 98,957 |  | 59,021 |
| Participant Contributions |  | - |  | - |  | - |  | - |  | - |
| Investment Income |  |  |  |  |  |  |  |  |  |  |
| Net Appreciation (Depreciation) in Fair Value of Investments |  | $(68,905)$ |  | $(125,496)$ |  | $(14,778)$ |  | $(17,299)$ |  | $(8,731)$ |
| Interest and Other Investment Income |  | 78,303 |  | 204,652 |  | 10,810 |  | 27,850 |  | 9,912 |
| Dividends |  | 109,659 |  | 290,733 |  | 14,098 |  | 39,645 |  | 13,323 |
| Less: Investment Expenses |  | $(32,680)$ |  | $(85,208)$ |  | $(4,755)$ |  | $(11,744)$ |  | $(4,132)$ |
| Total Net Investment Income |  | 86,377 |  | 284,681 |  | 5,375 |  | 38,452 |  | 10,372 |
| Charges For Services |  | 2,962 |  | 8,724 |  | 259 |  | 1,400 |  | 245 |
| Transfers from Other Pension Plans |  | 97 |  | 270 |  | 1,432 |  | 11 |  | 407 |
| Miscellaneous |  | 24 |  | 72 |  | - |  | 13 |  | - |
| TOTAL ADDITIONS |  | 378,257 |  | 1,005,129 |  | 102,238 |  | 138,833 |  | 70,045 |
| DEDUCTIONS |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 1,173,683 |  | 376,999 |  | - |  | 53,630 |  | - |
| Refunds of Contributions |  | 4,554 |  | 35,716 |  | 66,245 |  | 2,516 |  | 60,929 |
| Annuity Payments |  | - |  | - |  | 322 |  | - |  | 302 |
| Transfers to Other Pension Plans |  | - |  | 1,376 |  | 338 |  | 307 |  | 163 |
| Transfer to Other Funds |  | 265 |  | 804 |  | - |  | 147 |  | - |
| Administrative Expenses |  | 3,522 |  | 9,082 |  | 258 |  | 1,403 |  | 245 |
| TOTAL DEDUCTIONS | 1,182,024 |  | 423,977 |  | 67,163 |  | 58,003 |  | 61,639 |  |
| NET INCREASE (DECREASE) | $(803,767)$ |  | 581,152 |  | 35,075 |  | 80,830 |  | 8,406 |  |
| FIDUCIARY NET POSITION |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year: July 1 |  | 8,180,481 |  | 20,098,636 |  | 1,689,352 |  | 2,746,456 |  | ,69,442 |
| End of Year: June 30 | \$ | 7,376,714 | \$ | 20,679,788 | \$ | 1,724,427 | \$ | 2,827,286 | \$ | ,277,848 |

The accompanying notes are an integral part of this statement.

## Statement of Changes in Fiduciary Net Position

## Pension and Other Employee Benefit Trust Funds by Plan

For the Years Ended June 30, 2012 and 2011 (page 2 of 4)
(expressed in thousands)

|  | Pension Trust |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PSERS <br> Plan 2 |  | TRS Plan 1 |  |  TRS Plan 3 <br> TRS Defined <br> Plan $2 / 3$ Contribution |  |  |  |  | $\begin{aligned} & \text { LEOFF } \\ & \text { Plan } 1 \end{aligned}$ |
| ADDITIONS |  |  |  |  |  |  |  |  |  |  |
| Retirement Contributions |  |  |  |  |  |  |  |  |  |  |
| Employer | \$ | 15,285 | \$ | 111,937 | \$ | 213,852 | \$ | - | \$ | 2 |
| Plan Member |  | 15,228 |  | 14,098 |  | 29,829 |  | 255,867 |  | - |
| State |  | - |  | - |  | - |  | - |  | - |
| Plan Member Restorations |  | 70 |  | 3,722 |  | 1,346 |  | - |  | 1,410 |
| Total Retirement Contributions |  | 30,583 |  | 129,757 |  | 245,027 |  | 255,867 |  | 1,412 |
| Participant Contributions |  | - |  | - |  | - |  | - |  | - |
| Investment Income |  |  |  |  |  |  |  |  |  |  |
| Net Appreciation (Depreciation) in Fair Value of Investments |  | (388) |  | $(57,183)$ |  | $(42,945)$ |  | $(27,593)$ |  | $(39,971)$ |
| Interest and Other Investment Income |  | 1,566 |  | 65,753 |  | 69,577 |  | 32,627 |  | 50,780 |
| Dividends |  | 2,247 |  | 92,083 |  | 99,269 |  | 43,469 |  | 71,500 |
| Less: Investment Expenses |  | (647) |  | $(27,450)$ |  | $(29,490)$ |  | $(14,438)$ |  | $(21,157)$ |
| Total Net Investment Income |  | 2,778 |  | 73,203 |  | 96,411 |  | 34,065 |  | 61,152 |
| Charges For Services |  | 70 |  | 2,486 |  | 4,091 |  | 811 |  | 1,967 |
| Transfers from Other Pension Plans |  | 8 |  | 38 |  | 16 |  | 618 |  | - |
| Miscellaneous |  | 1 |  | 20 |  | 39 |  | - |  | 16 |
| TOTAL ADDITIONS |  | 33,440 |  | 205,504 |  | 345,584 |  | 291,361 |  | 64,547 |
| DEDUCTIONS |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 70 |  | 892,608 |  | 91,400 |  | - |  | 343,438 |
| Refunds of Contributions |  | 1,921 |  | 1,552 |  | 2,169 |  | 150,404 |  | 435 |
| Annuity Payments |  | - |  | 21,256 |  | - |  | 1,149 |  | - |
| Transfers to Other Pension Plans |  | - |  | - |  | 213 |  | 520 |  | - |
| Transfer to Other Funds |  | 6 |  | 223 |  | 439 |  | - |  | 176 |
| Administrative Expenses |  | 70 |  | 2,699 |  | 4,020 |  | 811 |  | 2,064 |
| TOTAL DEDUCTIONS |  | 2,067 |  | 918,338 |  | 98,241 |  | 152,884 |  | 346,113 |
| NET INCREASE (DECREASE) |  | 31,373 |  | $(712,834)$ |  | 247,343 |  | 138,477 |  | $(281,566)$ |
| FIDUCIARY NET POSITION |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year: July 1 |  | 143,074 |  | 6,904,317 |  | 6,839,903 |  | 5,032,372 |  | 5,185,953 |
| End of Year: June 30 | \$ | 174,447 | \$ | 6,191,483 | \$ | 7,087,246 | \$ | 5,170,849 | \$ | 4,904,387 |

The accompanying notes are an integral part of this statement.

## Statement of Changes in Fiduciary Net Position

Pension and Other Employee Benefit Trust Funds by Plan
For the Years Ended June 30, 2012 and 2011 (page 3 of 4)
(expressed in thousands)

|  | Pension Trust |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | LEOFF Plan 2 |  | WSPRS <br> Plan 1/2 |  | JRS |  | Judges |  |
| ADDITIONS |  |  |  |  |  |  |  |  |
| Retirement Contributions |  |  |  |  |  |  |  |  |
| Employer | \$ | 80,480 | \$ | 6,454 | \$ | 31 | \$ | - |
| Plan Member |  | 132,584 |  | 5,376 |  | 31 |  | - |
| State |  | 52,770 |  | - |  | 8,100 |  | - |
| Plan Member Restorations |  | 6,535 |  | 1,654 |  | - |  | - |
| Total Retirement Contributions |  | 272,369 |  | 13,484 |  | 8,162 |  | - |
| Participant Contributions |  | - |  | - |  | - |  | - |
| Investment Income |  |  |  |  |  |  |  |  |
| Net Appreciation (Depreciation) in Fair Value of Investments |  | $(38,039)$ |  | $(6,345)$ |  | 6 |  | 5 |
| Interest and Other Investment Income |  | 65,255 |  | 8,924 |  | 15 |  | 14 |
| Dividends |  | 92,752 |  | 12,615 |  | - |  | - |
| Less: Investment Expenses |  | $(27,101)$ |  | $(3,713)$ |  | (8) |  | - |
| Total Net Investment Income |  | 92,867 |  | 11,481 |  | 13 |  | 19 |
| Charges For Services |  | 2,664 |  | 353 |  | 1 |  | 1 |
| Transfers from Other Pension Plans |  | 10 |  | 54 |  | - |  | - |
| Miscellaneous |  | 21 |  | 3 |  | - |  | - |
| TOTAL ADDITIONS |  | 367,931 |  | 25,375 |  | 8,176 |  | 20 |
| DEDUCTIONS |  |  |  |  |  |  |  |  |
| Benefits |  | 78,153 |  | 40,368 |  | 9,764 |  | 482 |
| Refunds of Contributions |  | 11,214 |  | 262 |  | - |  | - |
| Annuity Payments |  | - |  | - |  | - |  | - |
| Transfers to Other Pension Plans |  | 44 |  | - |  | - |  | - |
| Transfer to Other Funds |  | 238 |  | 32 |  | - |  | - |
| Administrative Expenses |  | 3,672 |  | 392 |  | 2 |  | 1 |
| TOTAL DEDUCTIONS |  | 93,321 |  | 41,054 |  | 9,766 |  | 483 |
| NET INCREASE (DECREASE) |  | 274,610 |  | $(15,679)$ |  | $(1,590)$ |  | (463) |
| FIDUCIARY NET POSITION |  |  |  |  |  |  |  |  |
| Beginning of Year: July 1 |  | 6,366,083 |  | 894,899 |  | 5,061 |  | 2,335 |
| End of Year: June 30 | \$ | 6,640,693 | \$ | 879,220 | \$ | 3,471 | \$ | 1,872 |

The accompanying notes are an integral part of this statement.

## Statement of Changes in Fiduciary Net Position

Pension and Other Employee Benefit Trust Funds by Plan
For the Years Ended June 30, 2012 and 2011 (page 4 of 4)
(expressed in thousands)


The accompanying notes are an integral part of this statement.

## Notes to the Financial Statements

For the Fiscal Year Ended June 30, 2012

## Note 1: Summary of Significant Accounting Policies and Plan Asset Matters

## A. Reporting Entity

The Governmental Accounting Standards Board (GASB) has developed criteria relating to elements of financial accountability to be used to determine the reporting entity. Financial accountability is manifest when the primary government appoints a voting majority of an organization's governing body and is able to impose its will on that organization or there is a potential for the organization to provide specific financial benefits to or impose specific financial burdens on the primary government. The primary government may be financially accountable if an organization is fiscally dependent on the primary government regardless of whether the organization has a separately elected governing board, a governing board appointed by a higher level of government, or a jointly appointed board. An organization is fiscally dependent if it is unable to determine its budget without another government having the substantive authority to approve or modify that budget, or to set rates or charges without substantive approval by another government.

Because DRS is part of the primary government of the state of Washington, based on GASB's criteria, it is considered part of the state's financial reporting entity and is included in the state's comprehensive annual financial report (CAFR) as the administrator of the pension trust funds.

The state of Washington's CAFR may be obtained from the Office of Financial Management's website at: www.ofm.wa.gov/cafr.

The state of Washington, through DRS, administers eight retirement systems for public employees of the state and political subdivisions: the Public Employees' Retirement System, the School Employees' Retirement System, the Public Safety Employees' Retirement System, the Teachers' Retirement System, the Law Enforcement Officers' and Fire Fighters' Retirement System, the Washington State Patrol Retirement System, the Judicial Retirement System, and the Judges' Retirement Fund.

The members of the public retirement systems together with their employers and the state provide funding for all the costs of the systems based upon actuarial valuations. The Legislature establishes benefit levels and approves the actuarial assumptions used in determining contribution levels.

## B. Basic Financial Statements

The financial statements provided in this report are fiduciary statements.

Fiduciary funds report assets held for others in a trustee or agency capacity and therefore, cannot be used to support the government's own programs. DRS' fiduciary funds are the retirement pension trust funds. The statements presented for these funds include a Statement of Fiduciary Net Position (SFNP) and a Statement of Changes in Fiduciary Net Position (SCFNP). The statements provide a separate column for each plan administered by DRS. The SFNP includes information about the assets, liabilities, and net fiduciary position for each plan. The SCFNP includes information about the additions to, deductions from, and net increase (or decrease) in fiduciary net position for each plan for the year.

## C. Measurement Focus and Basis of Accounting

DRS' financial statements have been prepared in conformity with accounting principles generally accepted in the United States (GAAP). The retirement plans are accounted for in pension trust funds using the flow of economic resources measurement focus and the accrual basis of accounting. Plan member contributions are recognized as revenues in the period in which the contributions are due. Employer contributions to each plan are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of each plan.

The deferred compensation plan is accounted for in a pension trust fund using the flow of economic resources measurement focus and the accrual basis of accounting. Participant contributions are recognized as revenues in the period in which the contributions are due. Refunds are recognized when due and payable in accordance with the terms of the plan. DRS maintains an administrative fund to account for the administrative revenues and operating expenditures incurred in administering the deferred compensation plan. Since these costs are incurred in the administration of the deferred compensation plan, they have been reported within the deferred compensation plan.

## D. Method Used to Value Investments

Investments are reported at fair value. Unrealized gains and losses are included as investment income in the Statement of Changes in Fiduciary Net Position. The net assets of the Retirement Funds are valued on a monthly basis using the following sources:

Publicly Traded Securities (corporate stock, commingled funds, investment derivatives, and fixed income): Fair values are based on published market prices, quotations from national security exchanges and security pricing services as of each month end closing of the New York Stock Exchange.

Limited Partnerships: The fair value of investments that are organized as limited partnerships and have no readily ascertainable fair value (such as private equity, real estate, innovation and tangible assets) has been determined by the Washington State Investment Board (WSIB) management based on the individual investment's capital account balance, reported at fair value by the general partner, at the closest available reporting period, adjusted for subsequent contributions, distributions, management fees, and changes in value of foreign currency and published market prices for certain securities.

The limited partnerships' annual financial statements are audited by independent auditors. These investments are valued at $\$ 25.4$ billion as of June 30,2012 . Because of the inherent uncertainties in estimating fair values, it is at least reasonably possible that the estimates will change in the near-term.

Private Equity Limited Partnerships: The fair value of individual capital account balances is based on the valuations reported by private equity partnerships using the following methodologies to value the underlying portfolio companies:

- Valuations of publicly traded poriffolio companies are based on active exchanges using quoted market prices as of the close of trading for each month end.
- When a portfolio company investment does not have a readily available market price, but has a return that is determined by reference to an asset for which a market price is readily available, valuations are based on the closing market price of the reference asset on the valuation date, adjusted for factors that affect the fair value of the investment held.
- When the porffolio company investments are private holdings and are not traded on active security exchanges, valuation methodologies used consist primarily of income and market approaches. The income approach involves a discounted cash flow analysis based on porifolio companies' projections. The market approach involves valuing a company at a multiple of a specified financial measure (generally EBITDA) based on multiples at which comparable companies trade.

Real Estate Limited Partnerships: Real estate partnerships provide the WSIB management with quarterly valuations based on the most recent capital account balances. Individual properties are valued by the partnerships at least annually, and are adjusted as frequently as quarterly if material market or operational changes have occurred. Properties are generally externally valued every one to five years, depending upon the partnership. Structured finance investments receive quarterly value adjustments by the partners, generally applying the assumption that all such positions will be held to maturity. Annual audits of most partnerships include a review of compliance with the partnerships' valuation policies.

## E. Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Actual results could differ from the estimated amounts.

## F. Revenue Recognition

Interest and dividend income is recognized when earned. Capital gains and losses are recognized on a trade-date basis. Purchases and sales of investments are also recorded on a trade-date basis.

## G. Allocation

DRS maintains an administrative fund to account for the administrative additions and deductions incurred in administering the pension plans (excluding any fees incurred while protecting the pension plans). All additions received are based on a percent of employer contributions. These additions and deductions have been allocated to the pension plans based on asset balance.

DRS maintains a general capital assets fund to account for the capital assets used in administering the pension plans. These capital assets have been allocated to the pension plans based on asset balance. DRS also maintains a general long-term obligation fund to account for accumulated compensated absences incurred in administering the pension plans. These general long-term obligations have also been allocated to the pension plans based on asset balance.

## H. Deposits, Investments, and Securities Lending

Deposits: DRS' deposits are managed by the Office of the State Treasurer (OST) and consist of securities issued by AAA rated issuers or deposits in financial institutions partially insured by the Federal Deposit Insurance Corporation (FDIC) or collateralized by the Washington Public Deposit Protection Commission (PDPC) up to statute limitations. The PDPC constitutes a multiple financial institution collateral pool. Pledged securities under the PDPC collateral pool are held by the PDPC's agent in the name of the collateral
pool. State law (chapter 43.84.080 RCW) specifies that whenever there is a fund or cash balance in the state treasury more than sufficient to meet the current expenditures properly payable therefrom, the OST may invest or reinvest such portion of such funds or balances as the OST deems expedient. Statute authorizes the OST to buy and sell the following types of instruments: U.S. Government and Agency securities, bankers' acceptances, commercial paper and deposits with qualified public depositaries. Securities underlying repurchase and reverse repurchase agreements are limited to those stated above. DRS receives its proportionate share of investment earnings from surplus balances in the state treasury based upon its daily balance for the period. DRS' deposits are separately displayed on the Statement of Fiduciary Net Position as cash and pooled investments.

Deposits - Custodial Credit Risk: Custodial credit risk is the risk that deposits may not be returned to a depositor in the event of the failure of a financial institution. The OST minimizes custodial credit risk by restrictions set forth in state law. Statutes restrict the OST to deposit funds in financial institutions that are physically located in Washington unless otherwise expressly permitted by statute and authorized by the PDPC. As of June 30, 2012, the carrying amount of DRS' cash and pooled investment deposits is $\$ 39.5$ million, all of which are insured or collateralized.

Investments: The WSIB has been authorized by statute as having the investment management responsibility for Retirement and Deferred Compensation Funds. The WSIB is authorized to invest as provided by statute (chapter 43.33A RCW) and WSIB policy. The WSIB is authorized and invests in the following: U.S. Treasury Bills; discount notes; repurchase agreements; reverse repurchase agreements; bankers' acceptances; commercial paper; guaranteed investment contracts; U.S. Government and Agency (government sponsored corporations eligible for collateral purposes at the Federal Reserve) securities; non-U.S. dollar bonds; investment grade corporate bonds; non-investment grade corporate bonds; publicly traded mortgagebacked securities; privately placed mortgages; private placements of corporate debt; U.S. and foreign common stock; U.S. preferred stock; convertible securities; private equity including but not limited to:
investment corporations, partnerships, and limited liability companies for venture capital, leveraged buyouts, real estate and other tangible assets, or other forms of private equity; asset backed securities; and derivative securities including futures, options, options on futures, forward contracts, and swap transactions.

There were no violations of these investment restrictions during Fiscal Year 2012.

Investments - Interest Rate Risk: Interest rate risk is the risk that changes in interest rates over time will adversely affect the fair value of an investment. The WSIB does not have a formal policy regarding interest rate risk. Effective duration is the measure of a debt investment's exposure to fair value changes arising from changes in interest rates. Effective duration uses the present value of cash flows, weighted for those flows as a percentage of the investments' full price. Increases in prevailing interest rates generally translate into decreases in the fair values of those investments, and decreases in interest rates result in increases in valuations. The Retirement Funds' fixed income investments are to be actively managed to exceed the return of the Barclays Capital Universal Index with a duration that is not 20 percent higher or lower than the duration of the index. As of June 30, 2012 the Retirement Funds' duration was within the duration target of this index.

The schedule on page 36 provides information about the interest rate risks associated with the Retirement Trust Funds' categorized investments in the Commingled Trust Fund (CTF) as of June 30, 2012. The schedule displays various asset classes held by maturity in years, effective durations, and credit ratings. Residential mortgage backed, commercial mortgage backed, and asset backed securities are reported using the average life within the portfolio. The average life is a calculated estimate of the average time (in years) until maturity for these securities, taking into account possible prepayments of principal. All other categorized securities on this schedule are reported using the stated maturity date.

Investments - Credit Risk: Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The WSIB does not have a formal policy regarding credit risk but mitigates said risk through active management and credit analysis. The Retirement Funds' rated debt investments as of June 30, 2012, were rated by Moody's and/or an equivalent national rating organization. Credit ratings for the Retirement Funds' rated debt investments as of June 30, 2012 are presented in the schedule on page 36. Investment types with multiple credit ratings are presented in the schedule on page 37.

## Investments - Concentration of Credit Risk:

Concentration of credit risk is the risk of loss atributed to the magnitude of an investment in a single issuer. The WSIB's policy states that no corporate fixed income issue shall exceed three percent of cost at the time of purchase or six percent of fair value of the fund thereafter, and that no high yield issues shall exceed one percent of cost or two percent of the fair value of the fund. There was no concentration of credit risk exceeding these policy guidelines as of June 30, 2012. Additionally, no single investment (other than any issued or explicitly guaranteed by the U.S. government, or involving mutual funds or investment pools) comprised more than five percent of DRS' net investments at the end of Fiscal Year 2012.

## Investment Maturities

As of June 30, 2012
(expressed in thousands)

| Investment Type | Total <br> Fair Value |  | Maturity |  |  |  |  |  |  |  | Effective Duration | Credit Rating |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less than one year |  | 1-5 years |  | 6-10 years |  | More than 10 years |  |  |  |
| Asset Backed Securities | \$ | 20,083 | \$ | - | \$ | 20,063 | \$ | - | \$ | 20 | 0.05 | Multiple |
| Residential Mortgage Backed Securities |  | 1,823,684 |  | 406,753 |  | 1,416,870 |  | 61 |  | - | 1.68 | Multiple |
| Commercial Mortgage Backed Securities |  | 232,991 |  | - |  | 232,991 |  | - |  | - | 3.25 | Multiple |
| Corporate Bonds Domestic (USD) |  | 978,111 |  | - |  | 195,199 |  | 613,878 |  | 169,034 | 5.89 | Multiple |
| Corporate Bonds Domestic (Non USD) |  | 62,017 |  | - |  | 62,017 |  | - |  | - | 1.86 | Multiple |
| Corporate Bonds Foreign (USD) |  | 3,871,778 |  | 15,897 |  | 658,324 |  | 2,570,203 |  | 627,354 | 6.68 | Multiple |
| Corporate Bonds Foreign (Non USD) |  | 160,125 |  | - |  | 73,373 |  | 55,675 |  | 31,077 | 5.21 | Multiple |
| U.S. Government Treasuries |  | 3,274,407 |  | 300,000 |  | 2,170,432 |  | 803,975 |  | - | 3.79 | Aaa |
| Foreign Government and Agencies (USD) |  | 1,120,079 |  | - |  | 134,668 |  | 827,013 |  | 158,398 | 6.39 | Multiple |
| Foreign Government and Agencies (Non USD) |  | 617,513 |  | - |  | 154,214 |  | 284,988 |  | 178,311 | 6.05 | Multiple |
| Supranational (Non USD) |  | 379,054 |  | 7,545 |  | 271,265 |  | 100,244 |  | - | 3.32 | Aaa |
| Total Categorized Investments |  | 12,539,842 |  | 730,195 | \$ | 5,389,416 |  | 5,256,037 | \$ | 1,164,194 |  |  |
| Investments Not Required to be Categorized: |  |  |  |  |  |  |  |  |  |  |  |  |
| Corporate Stock - U.S. Dollar Denominated |  | 2,910,238 |  |  |  |  |  |  |  |  |  |  |
| Corporate Stock - Non U.S. Dollar Denominated |  | 9,533,429 |  |  |  |  |  |  |  |  |  |  |
| Commingled Equity Index Funds |  | 9,890,185 |  |  |  |  |  |  |  |  |  |  |
| Alternative Investments |  | 25,451,239 |  |  |  |  |  |  |  |  |  |  |
| Liquidity |  | 1,496,866 |  |  |  |  |  |  |  |  |  |  |
| Total Investments Not Required to be Categorized | \$ 49,281,957 |  |  |  |  |  |  |  |  |  |  |  |

## DCP, JRA, and Defined Contribution - SELF Plan Assets:

| Retirement Strategy Funds (Target Date Funds) | $2,409,694$ |
| :--- | ---: |
| Equity Index Funds | $1,181,413$ |
| Guaranteed Investment Contracts | $1,050,527$ |
| Bond Funds | 899,677 |
| Money Market Mutual Funds | 503,018 |
| Life Annuity | $\underline{5}$ |
| Total DCP, JRA, and Defined Contribution - SELF |  |
| Plan Assets | $\underline{\mathbf{\$ 6 , 0 4 4 , 3 3 4}}$ |
| Total Investments Non Current - 6/30/2012 |  |

## Investments with Multiple Credit Ratings

As of June 30, 2012


Investments - Custodial Credit Risk: Custodial credit risk is the risk that, in the event of a failure of the counterparty to a transaction, the WSIB would not be able to recover the value of the investments that are in the possession of an outside party. The WSIB has no formal policy regarding custodial credit risk, but mitigates this risk by having its investment securities held by a custodian. Also, investment securities, excluding cash and cash equivalents and repurchase agreements held as securities lending collateral, are registered in the name of the WSIB for the benefit of the Retirement Funds.

Investments - 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. The WSIB does not have a formal policy to limit the Retirement Funds' foreign currency risk.

The WSIB manages its exposure to fair value loss by requiring its international securities investment managers to maintain diversified portfolios by sector and by issuer to limit foreign currency and security risk. The Retirement Funds' exposure to foreign currency risk as of June 30, 2012, is presented in the schedule on page 38. The schedule, stated in U.S. dollars, provides information on deposits and investments held in various foreign currencies. Private equity and real estate are presented according to the financial reporting currency of the individual funds and is not a presentation of currency exposure relating to the underlying holdings.

## Foreign Currency Risk

As of June 30, 2012
(expressed in thousands)


Securities Lending: Securities lending management responsibilities as authorized by statute are as follows:

WSIB-Washington State law and WSIB policy permit the WSIB to participate in securities lending transactions to augment the investment income of the Retirement Funds. The WSIB has entered into an agreement with JP Morgan (JPM) to act as agent for the WSIB in securities lending transactions. As JPM is the custodian bank for the WSIB, it is counterparty to these transactions.

The Retirement Funds report securities lent (the underlying securities) as assets in the Statement of Fiduciary Net Position. Cash received as collateral on securities lending transactions and investments made with that cash are reported as assets. Securities received as collateral are also reported as assets if the WSIB has the ability to pledge or sell them without a borrower default. Liabilities resulting from these transactions are reported in the Statement of Fiduciary Net Position. Securities lending transactions collateralized by securities that the WSIB does not have the ability to pledge or sell unless the borrower defaults are not reported as assets and liabilities.

In anticipation of the custodian bank conversion on July 1,2012 , the WSIB recalled all securities on loan. There were no assets on loan at June 30, 2012 and no collateral held related to securities lending transactions.

Securities (consisting of fixed income and equities) were loaned and collateralized by the WSIB's agent with cash and U.S. government securities (exclusive of mortgage backed securities and letters of credit), and irrevocable letters of credit. When the loaned securities had collateral denominated in the same currency, the collateral requirement was $102 \%$ of the fair value, including accrued interest, of the securities loaned. All other securities were required to be collateralized at $105 \%$ of the fair value, including accrued interest, of the loaned securities.

During Fiscal Year 2012, securities lending transactions could be terminated on demand by either the WSIB or the borrower. The weighted average maturity of loans for Fiscal Year 2012 was 1.5 days.

Cash collateral was invested by the WSIB's agents in the WSIB's separately managed short term investment pool. Because the securities lending agreements were terminable at will, their duration did not generally match the duration of the investments made with the cash collateral. Non-cash collateral could not be pledged or sold absent borrower default. There are no restrictions on the amount of securities that can be lent.

Securities were lent with the agreement that they would be returned in the future for exchange of the collateral. JPM indemnified the WSIB by agreeing to purchase replacement securities or return the cash collateral in the event a borrower failed to return the loaned securities or pay distributions thereon. JPM's responsibilities included performing appropriate borrower and collateral investment credit analyses, demanding adequate types and levels of collateral, and complying with applicable federal regulations concerning securities lending.

During Fiscal Year 2012, there were no significant violations of legal or contractual provisions or failures by any borrowers to return loaned securities or to pay distributions thereon. Further, the Retirement Funds incurred no losses during Fiscal Year 2012 resulting from a default by either the borrowers or the securities lending agents.

Credit Risk: The WSIB mitigates credit risk in securities lending with a policy that strictly limits the types of collateral that may be used to secure these transactions.

OST-Statute authorizes the OST to buy and sell the following types of instruments: U.S. Government and Agency securities, bankers' acceptances, commercial paper, and deposits with qualified public depositaries. Securities underlying repurchase and reverse repurchase agreements are limited to those stated above.

The OST has statutory authority to lend its securities to broker-dealers and other entities with a simultaneous agreement to return the collateral for the same securities in the future. The OST contracted with a securities lending agent, Citibank, N.A., to lend securities in the OST portfolio. The agent lends securities for collateral in the form of cash or other securities at 102 percent of the loaned securities value. The collateral for the loans
is maintained at 102 percent. There were no assets on loan at June 30, 2012 and no collateral held related to securities lending transactions.

State law also permits the OST to enter into reverse repurchase agreements, that is, a sale of securities with a simultaneous agreement to repurchase them in the future at the same price plus a contract rate of interest. The fair value of the securities underlying reverse repurchase agreements normally exceeds the cash received, providing the dealers margin against a decline in the fair value of the securities. If the dealers default on their obligations to resell these securities to the OST or provide securities or cash of equal value, the Retirement Funds would suffer an economic loss equal to the difference between the fair value plus accrued interest of the underlying securities and the agreement obligation, including accrued interest. The OST generally does not match maturities. Securities purchased from proceeds of reverse repurchase agreements are not used to liquidate the agreements. During Fiscal Year 2012, the OST incurred no losses by default, nor recovered prior period losses, from these transactions. At June 30, 2012, there were no obligations under reverse repurchase agreements.

Credit Risk: The OST limits its credit risk with an investment policy that restricts the types of investments in which the OST can participate. Additionally, the OST investment policy requires that any securities on loan be made available by the lending agent for next day liquidity at the option of the OST. The contract with the agent requires it to indemnify the OST if the borrowers fail to return the securities (and if the collateral is inadequate to replace the securities lent) or if the borrower fails to pay OST for income distributions by the securities' issuers while the securities are on loan.

All securities loans can be terminated on demand by either the OST or the borrower. Cash collateral is invested in accordance with the investment guidelines approved by the OST. The OST cannot pledge or sell collateral securities received unless the borrower defaults. Generally, the maturity of the securities on loan is matched with the term of the investment of the cash collateral. At June 30, 2012, the OST had no securities on loan.

Custodial Credit Risk: The OST investment policy requires that securities purchased be held by the master custodian, acting as an independent third party, in its safekeeping or trust department. Securities accepted as collateral for repurchase agreements are subject to additional restrictions. These restrictions are designed to limit the OST's exposure to risk and ensure the safety of the investment.

During Fiscal Year 2012, there were no violations of legal or contractual provisions or any losses resulting from a default by either the borrowers or the securities lending agent.

Derivatives: Derivative management responsibilities as authorized by statute are as follows:

WSIB - is authorized to utilize various derivative financial instruments, including mortgage-backed securities, financial futures, forward contracts, interest rate swaps, credit default swaps, equity swaps and options. Derivative transactions involve, to varying degrees, market and credit risk. In connection with the cash overlay program, at June 30, 2012, the Retirement Funds held investments in financial futures, forward currency contracts and other derivative securities that are recorded at fair value with changes in value recognized in investment income in the Statement of Changes in Fiduciary Net Position in the period of change.

Derivatives are generally used to achieve the desired market exposure of a security, index or currency, adjust poriffolio duration, or rebalance the total portfolio to the target asset allocation. Derivative contracts are instruments that derive their value from underlying assets, indices, reference interest rates, or a combination of these factors. A derivative instrument could be a contract negotiated on behalf of the Retirement Funds and a specific counterparty. This would typically be referred to as an "over the counter (OTC) contract" such as forward contracts and to be announced (TBA) securities. Alternatively, a derivative instrument, such as futures, could be listed and traded on an exchange and referred to as "exchange traded."

Inherent in the use of OTC derivatives, the Retirement Funds are exposed to counterparty credit risk 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. As of June 30, 2012, the Retirement Funds' counterparty risk was not deemed to be significant, whether evaluating counterparty exposure outright or netting collateral against net assets positions on contracts with each counterparty.

Mortgage TBAs are used to achieve the desired market exposure of a security or asset class or adjust porffolio duration. A TBA is a contract for the purchase or sale of agency mortgage-backed securities to be delivered at a future agreed-upon date. TBAs carry future settlement risk due to the possibility of not receiving the asset or associated gains specified in the contract, and such loss upon failure by counterparties to deliver under contracts would not be material at June 30, 2012. The fair value of TBA derivatives is included in residential mortgagebacked securities within the Investments section of the accompanying Statement of Fiduciary Net Position.

Futures contracts are standardized, exchange-traded contracts to purchase or sell a specific financial instrument at a predetermined price. Gains and losses on futures contracts are settled daily based on a notional (underlying) principal value and do not involve an actual transfer of the specific instrument. The exchange assumes the risk that the counterparty will not pay and generally requires margin payments to minimize such risk. Futures are generally used to achieve the desired market exposure of a security or index or rebalance the total porffolio.

Forward currency contracts are agreements to exchange the currency of one country for the currency of another country at an agreed-upon price and settlement date. These forward commitments are not standardized and carry credit risk due to the possible nonperformance by one of the counterparties. The maximum potential loss is the aggregate face value in U.S. dollars at the time the contract was opened; however, the likelihood of such loss is remote.

At June 30, 2012, the Retirement Funds had outstanding forward currency contracts to purchase foreign currencies with a fair value of $\$ 1,026.1$ million and outstanding contracts to sell foreign currencies with a fair value of $\$ 1,028.3$ million included within the Investment Trades Pending payable and receivable categories in the accompanying Statement of Fiduciary Net Position. The net unrealized gain of $\$ 2.2$ million is included as Net Appreciation (Depreciation) in Fair Value of Investments within the Investments category in the accompanying Statement of Changes in Fiduciary Net Position. The contracts have varying maturity dates ranging from July 2, 2012 to September 19, 2012.

At June 30, 2012, the Retirement Funds' fixed income porffolio held derivative securities consisting of collateralized mortgage obligations of $\$ 680.3$ million. Domestic and foreign passive equity index fund managers may also utilize various derivative securities to manage exposure to risk and increase porifolio returns. Information on the extent of use and holdings of derivative securities by passive equity index fund managers is unavailable.

Derivatives which are exchange traded are not subject to credit risk. The maximum loss that would be recognized at June 30, 2012, if all counterparties fail to perform as contracted was de minimus.

At June 30, 2012, the counterparties' credit ratings for forward currency contracts that are subject to credit risk had a credit rating of no less than A1 using the Moody's rating scale.

OST - The OST did not engage in derivative transactions during Fiscal Year 2012.

The following schedule presents the significant terms for derivatives held as investments by WSIB.


Certain investment types in DRS' portfolio cannot be categorized within the guidelines established by GASB Statement Number 3. These investments total approximately $\$ 49.3$ billion in both carrying value and fair value.

## Deferred Compensation Program (DCP), Judicial Retirement Account (JRA) and Defined Contribution SELF Plan Assets:

The assets within DCP, JRA and the Defined Contribution-SELF Plans total $\$ 6.0$ billion and represent less than ten percent of the total investments administered by DRS. (Please refer to the Investment Maturities schedule on page 36 of this report). Participation and membership in these plans is voluntary. Although withdrawals from the plans is
restricted to those that have left employment (except in the case of hardship withdrawals from DCP), the participant/members own these assets, have full control over the investment choices made, and assume the responsibility for the results of those choices.

The composition of these assets is as follows:
40\%-Retirement Strategy Funds (Target Date Funds) These funds are customized asset allocation porifolios, managed by investment professionals contracted by WSIB, that offer investors a diversified mix of equities, bonds, and global REITs, in five-year increments. Each of these funds has both actively and passively managed investments. The investment mix becomes progressively more conservative over time as the fund approaches and passes through its target date for retirement.

These funds are not publicly traded and thus have no ratings. Foreign credit risk and fixed income exposure are deemed immaterial for these funds at June 30, 2012.

20\%-Equity Index Funds - There are four funds in this category, all are passively managed, and all seek to meet or surpass the returns of established benchmarks. As equities, they have no duration. Two of these funds have average ratings (Morningstar 3 stars) and immaterial foreign credit exposure. The other two funds, at $\$ 248.2$ million invested, are unrated and have foreign credit exposure that is considered immaterial at June 30, 2012 vis-à-vis the combined DCP, JRA and Defined Contribution-SELF Plans assets.

17\%-Guaranteed Investment Contracts (GIC) - GICs are valued at contract value as estimated by the respective insurance companies or investment managers. GICs provide a guaranteed return on the principal invested over a specified time period. The GIC pool has no credit rating because it is not a publicly traded fund. Its underlying assets, however, have credit ratings ranging from AAA to A3, using a blended Moody's/S\&P rating. The pool has no duration since GICs are priced at par. The GIC pool contains no foreign currency exposure at June 30, 2012.
$15 \%$-Bond Funds - There is multiple account ownership in these funds which include ownership by accounts for the DCP/JRA, Plan 3 and the underlying asset class in the Retirement Strategy Funds. Bonds are valued using a third-party pricing system. The Bond Fund has no rating because it is not publicly traded. Its underlying securities, however, have credit ratings ranging from AAA to Baa3 and its effective duration at June 30, 2012 was 4.609 . Foreign credit exposure at June 30, 2012 was deemed immaterial. The Socially Responsible Balanced Fund has an AA+ Standard \& Poor's credit rating, a modified adjusted duration of 4.7 years, no credit risk and no direct foreign currency exposure.

8\%-Money Market Mutual Funds - The two money market funds have first tier short-term ratings (Moody's P-1, S\&P's A-1 + and A-1, Fitch F-1+). Duration of the funds at June 30, 2012 was 0.09 and 0.12 , respectively. Neither of the funds had foreign credit exposure at June 30, 2012.

Management Fees: The fees paid by the WSIB are accounted for as a reduction of investment income or are netted directly from the asset value of the Retirement Funds' investments. These fees include investment management fees and commissions, investment consultant fees and legal fees. As of June 30, 2012, total investment management fees paid were $\$ 266.7$ million and total netted fees totaled $\$ 30.6$ million. For a detailed disclosure, refer to the Schedule of Investment Expenses in the Supporting Schedules of the Financial Section of this report.

Unfunded Commitments: The WSIB has entered into agreements that commit the DRS pension funds, upon request, to make additional investment purchases up to a predetermined amount. As of June 30, 2012, the Retirement Funds had the following unfunded investment commitments in millions of dollars:

| Innovation Portfolio | $\$ 194.3$ |
| :--- | ---: |
| Private Equity Partnerships | $\$ 9,043.7$ |
| Real Estate | $\$ 7,158.8$ |
| Tangible Assets | $\$ 407.4$ |

## I. Reserves

Member Reserves: The member reserves reflect the total liability for all contributions made by members. These reserves are increased by employee contributions and interest earnings and are decreased by contributions refunded and contributions transferred to the benefit reserves for current year retirees. The member reserves are considered fully funded.

Because the PERS Plan 3, SERS Plan 3 and TRS Plan 3 defined contribution plans each offer two separate investment programs to members, DRS is required to maintain two separate member reserves for each defined contribution plan. The "PERS Plan 3WSIB," "SERS Plan 3-WSIB" and "TRS Plan 3-WSIB" reserves account for members who participate in the investment programs offered by the Washington State Investment Board (WSIB). The "PERS Plan 3-SELF," "SERS Plan 3-SELF" and "TRS Plan 3-SELF" reserves account for members who participate in the self-directed investment offerings.

Member reserves as of June 30, 2012 and 2011 are as follows:

|  | June 30, 2012 | June 30, 2011 |  |
| :--- | ---: | ---: | ---: |
| (expressed in thousands) |  |  |  |
| PERS Plan 1 | \$ | 853,967 | $\$$ |
| PERS Plan 2/3 | $4,815,732$ | $5,179,853$ |  |
| PERS Plan 3 - WSIB | 996,778 | 971,649 |  |
| PERS Plan 3 - SELF | 727,649 | 717,703 |  |
| SERS Plan 2/3 | 369,832 | 349,185 |  |
| SERS Plan 3 - WSIB | 941,954 | 937,719 |  |
| SERS Plan 3 - SELF | 335,894 | 331,723 |  |
| PSERS Plan 2 | 84,596 | 67,400 |  |
| TRS Plan 1 | 511,504 | 636,213 |  |
| TRS Plan 2/3 | 538,866 | 511,006 |  |
| TRS Plan 3 - WSIB | $3,115,756$ | $3,028,153$ |  |
| TRS Plan 3 - SELF | $2,055,093$ | $2,004,219$ |  |
| LEOFF Plan 1 | 33,351 | 43,400 |  |
| LEOFF Plan 2 | $1,997,577$ | $1,849,759$ |  |
| WSPRS Plan 1/2 | 79,459 | 76,751 |  |
| JRS | 962 | 1,454 |  |
| Judges | - | - |  |
| Total Member Reserves | $\$ 17,458,970$ | $\$ 17,645,395$ |  |

Benefit Reserves: The benefit reserves reflect the funded liability associated with all retired members of DRS administered systems. These reserves are increased by employer contributions, state contributions, investment earnings, and employee contributions which are attributable to current year retirees. These reserves are decreased by the amounts of pensions actually paid in the current year, interest payments transferred to the member reserves, and administrative expenses in support of the trust funds.

Benefit reserves as of June 30, 2012 and 2011 are as follows:

|  | June 30, 2012 | June 30, 2011 |
| :--- | ---: | ---: |
| (expressed in thousands) |  |  |
| PERS Plan 1 | $\$ 6,520,152$ | $\$ 7,237,927$ |
| PERS Plan 2/3 | $15,862,549$ | $14,917,524$ |
| SERS Plan 2/3 | $2,457,434$ | $2,397,186$ |
| PSERS Plan 2 | 89,851 | 75,672 |
| TRS Plan 1 | $5,677,725$ | $6,265,758$ |
| TRS Plan 2/3 | $6,547,889$ | $6,328,203$ |
| LEOFF Plan 1 | $4,869,838$ | $5,141,273$ |
| LEOFF Plan 2 | $4,639,741$ | $4,515,140$ |
| LEOFF Plan 2 - Medical | 3,176 | 866 |
| WSPRS Plan 1/2 | 799,591 | 817,983 |
| WSPRS Plan 1/2 - Medical | 32 | 14 |
| JRS | 2,501 | 3,605 |
| Judges | 1,867 | 2,335 |
| Total Benefit Reserves | $\$ 47,472,346$ | $\$ 47,703,486$ |

The funded status of each of the benefit reserves is the same as the funded status of each of the respective pension plans. The funded status of the pension plans is shown in the Solvency Test schedules in the Actuarial Section of this report.

## J. Capital Assets

All capital assets with a unit cost (including ancillary costs) of \$5,000 or greater are capitalized and reported in the accompanying financial statements. Capital leases with a net present value or fair market value, whichever is less, of $\$ 10,000$ or more are capitalized and also included in these financial statements. All purchased capital assets are valued at cost where historical records exist. Donated capital assets are valued at their estimated fair market value on the date of donation. Where necessary, estimates of original cost and fair market value are derived by factoring price levels from the current period to the time of acquisition.

Capital asset costs include the purchase price or construction cost, plus those costs necessary to place the asset in its intended location and condition for use. Normal maintenance and repair costs that do not materially add to the value or extend the life of the asset are not capitalized.

Depreciation is calculated using the straight-line method with estimated useful lives of 5 to 50 years for buildings, and 3 to 50 years for furnishings and equipment, other improvements and miscellaneous capital assets.

Following is a summary of changes in capital assets for Fiscal Year 2012:

| Assets | Beginning Balance | Acquisition/ Increase Depreciation | Disposal | Ending <br> Balance |
| :---: | :---: | :---: | :---: | :---: |
| (expressed in thousands) |  |  |  |  |
| Improvements Other Than Buildings | \$ 634 | \$ 28 | \$ | \$ 662 |
| Furnishings \& Equipment | 1,965 | 182 | (161) | 1,986 |
| Accumulated Depreciation | $(2,235)$ | 159 | (184) | $(2,260)$ |
| Total | \$ 364 | \$ 369 | \$ (345) | \$ 388 |

## K. Leases

DRS leases land, office facilities, office and computer equipment. Lease terms vary. Leases are considered non-cancelable for financial reporting purposes. All DRS leases are classified as operating leases with the lease payments recorded as expenditures or expenses during the life of the lease. Certain operating leases are renewable for specified periods. In most cases, management expects that the leases will be renewed or replaced by other leases.

The following schedule presents future minimum payments for operating leases as of June 30, 2012:

| Operating Leases |  |
| :--- | ---: |
| (expressed in thousands) |  |
| By Fiscal Year: $\quad 2013$ | $\$ 1,479$ |
|  | 2014 |
|  | 1,548 |
|  | 2015 |
|  | 1,722 |
|  | 2016 |
|  | 1,658 |
| Total Future Minimum Payments | 1,548 |
|  | $\underline{2,580}$ |

The total operating lease rental expenditure for Fiscal year 2012 was $\$ 1.6$ million.

## L. Other Long-Term Obligations

Annual leave: DRS employees accrue annual leave at a variable rate based on years of service. In general, accrued annual leave cannot exceed 30 days at the employee's anniversary date. The expense and accrued liability is recognized when the annual leave is earned. DRS' liability for accumulated annual leave was $\$ 1.1$ million as of June 30, 2012.

Sick leave: Employees accrue sick leave at the rate of one day per month without limitation on the amount that can be accumulated. Sick leave is not vested; i.e. the department does not pay employees for unused sick leave upon termination except upon employee death or retirement, at which time DRS is liable for 25 percent of the employee's accumulated sick leave. In addition, the state has a "sick leave buyout option" in which each January, employees who accumulate sick leave in excess of 60 days may redeem sick leave earned but not taken during the previous year at the rate of one day's pay in exchange for each four days of sick leave. The expense and accrued liability is recognized when the sick leave is earned. DRS' liability for accumulated sick leave was $\$ 0.4$ million as of June $30,2012$.

Following is a summary of changes in compensated absences for the fiduciary funds for Fiscal Year 2012:

| Compensated Absences | $\begin{array}{r} \text { Beginning } \\ \text { Balance } \end{array}$ | Additions | Deletions | Ending Balance |
| :---: | :---: | :---: | :---: | :---: |
| (expressed in thousands) |  |  |  |  |
| Annual Leave | \$ 907 | \$ 994 | \$ (780) | \$ 1,121 |
| Sick Leave | 399 | 147 | (111) | 435 |
| Total | \$ 1,306 | \$ 1,141 | \$ (891) | \$ 1,556 |

## M. Transfers

Transfers from and to other pension plans, as reported in the financial statements, typically reflect routine transfers among the various trust funds resulting from plan membership changes and member-directed defined contribution plan selections. In Fiscal Year 2012, these transfers totaled $\$ 2.96$ million and represented a decrease of $\$ 8.48$ million from the previous year.

Transfers to other funds totaled $\$ 2.3$ million in Fiscal Year 2012 and represented an operating budget transfer into the State General Fund (3ESHB 2127, Chapter 7, Laws of 2012).

## N. Contingencies-Litigation

As a state agency, DRS is party to legal proceedings that normally occur in governmental operations. There are pending legal actions involving DRS. For each pending legal action, DRS has good defenses and will continue to vigorously defend each case.

In the case of WEA, et al., v. Dept. of Retirement Systems \& State of Washington, King County Superior Court No. 07-2-17203-3 SEA, plaintiffs challenge the 2007 Legislature's repeal of gainsharing and the repeal of replacement benefits if gainsharing is restored. Three cases were filed in King County Superior Court and have been consolidated into one case. The case was brought as a class action.

The trial court ruled in favor of plaintiffs and against the State of Washington and DRS in Phase 1 of this litigation which dealt with whether the Legislature had the authority to repeal gain-sharing. The trial court ruled in favor of the State and DRS in Phase 2 of the litigation which dealt with whether the Legislature could repeal the replacement benefits if gainsharing is restored. The State has appealed the trial court's Phase 1 decision to the Washington Supreme Court on cross-appeal.

The parties are preparing their briefs for the Supreme Court. Plaintiffs do not request damages. Instead, they ask for the return of gainsharing and to retain the benefits that were enacted by the Legislature to replace gainsharing for certain Plan 2 members. There is a likelihood of a favorable outcome for DRS on appeal.

The management of DRS is unable to estimate the potential loss should the State defendants ultimately be unsuccessful in this litigation.

## Note 2: General Description of the Retirement Systems

## A. General

The state Legislature establishes, and amends, laws pertaining to the creation and administration of all public retirement systems. As established in the Revised Code of Washington (RCW) chapter 41.50, the Department of Retirement Systems (DRS) administers eight retirement systems covering eligible employees of the state and local governments.

The Governor appoints the Director of DRS. Administration of the retirement systems is funded by a current employer rate of . 16 percent of employee compensation.

The retirement systems are comprised of 12 defined benefit pension plans and three combination defined benefit plans with defined contribution components, as follows:

## Public Employees' Retirement System (PERS)

Plan 1-defined benefit
Plan 2-defined benefit
Plan 3-defined benefit/defined contribution

## School Employees' Retirement System (SERS)

Plan 2-defined benefit
Plan 3-defined benefit/defined contribution
Public Safety Employees' Retirement System (PSERS)
Plan 2-defined benefit
Teachers' Retirement System (TRS)
Plan 1-defined benefit
Plan 2-defined benefit
Plan 3-defined benefit/defined contribution

## Law Enforcement Officers' and Fire Fighters' <br> Retirement System (LEOFF)

Plan 1-defined benefit
Plan 2-defined benefit

## Washington State Patrol Retirement System (WSPRS)

Plan 1-defined benefit
Plan 2-defined benefit
Judicial Retirement System (JRS)
Defined benefit
Judges' Retirement Fund (Judges)
Defined benefit

Number of Participating Members

| Plan | Retirees and Beneficiaries Receiving Benefits | Terminated Members Entitled to But Not Yet Receiving Benefits | Active Plan Members Vested | Active Plan <br> Members Nonvested | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PERS Plan 1 | 53,264 | 1,789 | 7,260 | 473 | 62,786 |
| PERS Plan 2 | 24,711 | 24,456 | 87,495 | 29,601 | 166,263 |
| PERS Plan 3 | 1,388 | 3,680 | 10,823 | 16,765 | 32,656 |
| SERS Plan 2 | 3,823 | 4,874 | 13,849 | 6,935 | 29,481 |
| SERS Plan 3 | 2,605 | 5,388 | 19,042 | 12,506 | 39,541 |
| PSERS Plan 2 | 15 | 1 | 167 | 4,020 | 4,203 |
| TRS Plan 1 | 36,118 | 581 | 3,700 | 40 | 40,439 |
| TRS Plan 2 | 2,657 | 2,423 | 5,719 | 4,566 | 15,365 |
| TRS Plan 3 | 2,934 | 6,200 | 33,040 | 19,138 | 61,312 |
| LEOFF Plan 1 | 7,932 | 1 | 250 | - | 8,183 |
| LEOFF Plan 2 | 2,015 | 655 | 13,692 | 3,113 | 19,475 |
| WSPRS Plan 1 | 875 | 117 | 767 | - | 1,759 |
| WSPRS Plan 2 | - | 6 | 145 | 170 | 321 |
| JRS | 124 | - | 3 | - | 127 |
| Judges | 13 | - | - | - | 13 |
| Total | 138,474 | 50,171 | 195,952 | 97,327 | 481,924 |

The latest actuarial valuation date for all plans was June 30, 2011.
Source: Washington State Office of the State Actuary

Number of Participating Employers

| Plan | State Agencies | School Districts | Counties/ Municipalities | Other Political Subdivisions | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PERS Plan 1 | 129 | 220 | 155 | 174 | 678 |
| PERS Plan 2 | 169 | - | 274 | 494 | 937 |
| PERS Plan 3 | 157 | - | 206 | 300 | 663 |
| SERS Plan 2 | - | 299 | - | - | 299 |
| SERS Plan 3 | - | 301 | - | - | 301 |
| PSERS Plan 2 | 10 | - | 65 | 1 | 76 |
| TRS Plan 1 | 47 | 257 | - | - | 304 |
| TRS Plan 2 | 24 | 295 | - | - | 319 |
| TRS Plan 3 | 35 | 302 | - | - | 337 |
| LEOFF Plan 1 | - | - | 42 | 12 | 54 |
| LEOFF Plan 2 | 8 | - | 212 | 153 | 373 |
| WSPRS Plan 1 | 1 | - | - | - | 1 |
| WSPRS Plan 2 | 1 | - | - | - | 1 |
| JRS | 1 | - | - | - | 1 |
| Total | 582 | 1,674 | 954 | 1,134 | 4,344 |

Employers can participate in multiple systems and/or plans. The actual total number of participating employers as of June 30,2012 is 1,320 .
For a listing of the covered employers, refer to the Statistical Section of this report.

## B. Plan Descriptions

## Public Employees' Retirement System (PERS):

The Legislature established PERS in 1947. Membership in the system includes: elected officials; state employees; employees of the Supreme, Appeals, and Superior Courts; employees of legislative committees; community and technical colleges, college and university employees not participating in higher education retirement programs; employees of district and municipal courts; and employees of local governments. Approximately 50 percent of PERS salaries are accounted for by state employment. PERS retirement benefit provisions are established in chapters 41.34 and 41.40 RCW.

PERS is a cost-sharing multiple-employer retirement system comprised of three separate plans for membership purposes: Plans 1 and 2 are defined benefit plans and Plan 3 is a defined benefit plan with a defined contribution component. PERS members who joined the system by September 30, 1977 are Plan 1 members. Those who joined on or after October 1, 1977 and by either, February 28, 2002 for state and higher education employees, or August 31, 2002 for local government employees, are Plan 2 members unless they exercised an option to transfer their membership to Plan 3. PERS members joining the system on or after March 1, 2002 for state and higher education employees, or September 1, 2002 for local government employees have the irrevocable option of choosing membership in either PERS Plan 2 or Plan 3. The option must be exercised within 90 days of employment. Employees who fail to choose within 90 days default to PERS Plan 3. Notwithstanding, PERS Plan 2 and Plan 3 members may opt out of plan membership if terminally ill, with less than five years to live.

PERS is comprised of and reported as three separate plans for accounting purposes: Plan 1, Plan 2/3, and Plan 3. Plan 1 accounts for the defined benefits of Plan 1 members. Plan $2 / 3$ accounts for the defined benefits of Plan 2 members and the defined benefit portion of benefits for Plan 3 members. Plan 3 accounts for the defined contribution portion of benefits for Plan 3 members. Although members can only be a member of either Plan 2 or Plan 3, the defined benefit portions
of Plan 2 and Plan 3 are accounted for in the same pension trust fund. All assets of this Plan $2 / 3$ defined benefit plan may legally be used to pay the defined benefits of any of the Plan 2 or Plan 3 members or beneficiaries, as defined by the terms of the plan. Therefore, Plan $2 / 3$ is considered to be a single plan for accounting purposes.

PERS Plan 1 and Plan 2 retirement benefits are financed from a combination of investment earnings and employer and employee contributions. Employee contributions to the PERS Plan 1 and Plan 2 defined benefit plans accrue interest at a rate specified by the Director of DRS. During Fiscal Year 2012, the rate was five and one-half percent compounded quarterly. Members in PERS Plan 1 and Plan 2 can elect to withdraw total employee contributions and interest thereon upon separation from PERS-covered employment.

PERS Plan 1 members are vested after the completion of five years of eligible service.

PERS Plan 1 members are eligible for retirement after 30 years of service, or at the age of 60 with five years of service, or at the age of 55 with 25 years of service. The monthly benefit is two percent of the average final compensation (AFC) per year of service, but the benefit may not exceed $60 \%$ of the AFC. The AFC is the monthly average of the 24 consecutive highest-paid service credit months.

The monthly benefit is subject to a minimum for retirees who have 25 years of service and have been retired 20 years, or who have 20 years of service and have been retired 25 years. If a survivor option is chosen, the benefit is reduced. Plan 1 members retiring from inactive status prior to the age of 65 may also receive actuarially reduced benefits. Plan 1 members may elect to receive an optional COLA that provides an automatic annual adjustment based on the Consumer Price Index. The adjustment is capped at three percent annually. To offset the cost of this annual adjustment, the benefit is reduced.

PERS Plan 1 provides duty and non-duty disability benefits. Duty disability retirement benefits for disablement prior to the age of 60 consist of a temporary life annuity. The benefit amount is $\$ 350$ a
month, or two-thirds of the monthly AFC, whichever is less. The benefit is reduced by any workers' compensation benefit and is payable as long as the member remains disabled or until the member attains the age of 60, at which time the benefit is converted to the member's service retirement amount.

A member with five years of covered employment is eligible for non-duty disability retirement. Prior to the age of 55 , the benefit amount is two percent of the AFC for each year of service reduced by two percent for each year that the member's age is less than 55. The total benefit is limited to 60 percent of the AFC and is actuarially reduced to reflect the choice of a survivor option. Plan 1 members may elect to receive an optional COLA amount (based on the Consumer Price Index), capped at three percent annually. To offset the cost of this annual adjustment, the benefit is reduced.

PERS Plan 1 members can receive credit for military service while actively serving in the military, if such credit makes them eligible to retire. Members can also purchase up to 24 months of service credit lost because of an on-the-job injury.

The survivor of a PERS Plan 1 member who dies after having earned ten years of service credit has the option, upon the member's death, of either a monthly survivor benefit or the lump sum of contributions plus interest.

PERS Plan 2 members are vested after completing five years of eligible service.

Plan 2 members are eligible for normal retirement at the age of 65 with five years of service. The monthly benefit is two percent of the AFC per year of service. The AFC is the monthly average of the 60 consecutive highest-paid service months. There is no cap on years of service credit; and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

PERS Plan 2 members who have at least 20 years of service credit and are 55 years of age or older are eligible for early retirement with a reduced benefit. The benefit is reduced by an early retirement factor (ERF) that varies according to age, for each year before age 65.

PERS Plan 2 members who have 30 or more years of service credit and are at least 55 years old can retire under one of two provisions:

- With a benefit that is reduced by three percent for each year before age 65; or
- With a benefit that has a smaller (or no) reduction (depending on age) that imposes stricter return-towork rules.

PERS Plan 2 retirement benefits are also actuarially reduced to reflect the choice, if made, of a survivor option.

The surviving spouse or eligible child(ren) of a PERS Plan 2 member who dies after having earned ten years of service credit has the option of either a monthly benefit or a lump sum payment of the member's contributions plus interest.

PERS Plan 3 has a dual benefit structure. Employer contributions finance a defined benefit component, and member contributions finance a defined contribution component. As established by chapter 41.34 RCW, employee contribution rates to the defined contribution component range from five percent to 15 percent of salaries, based on member choice. There are currently no requirements for employer contributions to the defined contribution component of PERS Plan 3.

PERS Plan 3 defined contribution retirement benefits are dependent upon the results of investment activities. Members may elect to self-direct the investment of their contributions. Any expenses incurred in conjunction with self-directed investments are paid by members. Absent a member's self-direction, PERS Plan 3 investments are made in the same portfolio as that of the PERS 2/3 defined benefit plan.

For Fiscal Year 2012, PERS Plan 3 employee contributions were $\$ 95.2$ million, and plan refunds paid out were $\$ 66.2$ million.

The defined benefit portion of PERS Plan 3 provides members a monthly benefit that is one percent of the AFC per year of service. The AFC is the monthly average of the 60 consecutive highest-paid service months. There is no cap on years of service credit, and Plan 3 provides the same cost-of-living allowance as Plan 2.

Effective June 7, 2006, PERS Plan 3 members are vested in the defined benefit portion of their plan after ten years of service; or after five years of service if 12 months of that service are earned after age 44; or after five service credit years earned in PERS Plan 2 by June 1, 2003. Plan 3 members are immediately vested in the defined contribution portion of their plan.

Vested Plan 3 members are eligible for normal retirement at age 65 , or they may retire early with the following conditions and benefits:

- If they have at least ten service credit years and are 55 years old, the benefit is reduced by an ERF that varies with age, for each year before age 65;
- If they have 30 service credit years and are at least 55 years old, they have the choice of a benefit that is reduced by three percent for each year before age 65; or a benefit with a smaller (or no) reduction factor (depending on age) that imposes stricter return-to work rules.

PERS Plan 3 benefits are also actuarially reduced to reflect the choice, if made, of a survivor option.

PERS Plan 2 and Plan 3 provide disability benefits. There is no minimum amount of service credit required for eligibility. The Plan 2 monthly benefit amount is two percent of the AFC per year of service. For Plan 3, the monthly benefit amount is one percent of the AFC per year of service. These disability benefit amounts are actuarially reduced for each year that the member's age is less than 65, and to reflect the choice of a survivor option. There is no cap on years of service credit, and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

PERS Plan 2 and Plan 3 members may have up to ten years of interruptive military service credit; five years at no cost, and five years that may be purchased by paying the required contributions.

PERS Plan 2 and Plan 3 members who become totally incapacitated for continued employment while serving in the uniformed services, or a surviving spouse or
eligible child(ren), may request interruptive military service credit.

PERS Plan 2 and Plan 3 members can purchase up to 24 months of service credit lost because of an on-thejob injury.

PERS members may also purchase up to five years of additional service credit once eligible for retirement. This credit can only be purchased at the time of retirement and can be used only to provide the member with a monthly annuity that is paid in addition to the member's retirement benefit.

Beneficiaries of a PERS Plan 2 or Plan 3 member with ten years of service who is killed in the course of employment receive retirement benefits without actuarial reduction. This provision applies to any member killed in the course of employment, on or after June 10, 2004, if found eligible by the Director of the Department of Labor and Industries.

A one-time duty-related death benefit is provided to the estate (or duly designated nominee) of a PERS member who dies in the line of service as a result of injuries sustained in the course of employment, or if the death resulted from an occupational disease or infection that arose naturally and proximately out of the member's covered employment, if found eligible by the Department of Labor and Industries.

From January 1, 2007 through December 31, 2007, judicial members of PERS were given the choice to elect participation in the Judicial Benefit Multiplier (JBM) Program enacted in 2006. Justices and judges in PERS Plan 1 and Plan 2 were able to make an irrevocable election to pay increased contributions that would fund a retirement benefit with a three and one-half percent multiplier. The benefit would be capped at $75 \%$ of the AFC. Judges in PERS Plan 3 could elect a one and six-tenths percent of pay per year of service benefit, capped at $37.5 \%$ of the AFC.

Members who chose to participate would:

- Accrue service credit at the higher multiplier beginning with the date of their election.
- Be subject to the benefit cap of $75 \%$ of the AFC.
- Stop contributing to the Judicial Retirement Account (JRA).
- Pay higher contributions.
- Be given the option to increase the multiplier on past judicial service.

Members who did not choose to participate would:

- Continue to accrue service credit at the regular multiplier.
- Not be subject to a benefit cap.
- Continue to participate in JRA, if applicable.
- Continue to pay contributions at the regular PERS rate.
- Never be a participant in the JBM Program.

Newly elected or appointed justices and judges who chose to become PERS members on or after January 1, 2007, or who had not previously opted into PERS membership, were required to participate in the JBM Program. Members required into the JBM program would:

- Return to prior PERS Plan if membership had previously been established.
- Be mandated into Plan 2 and not have a Plan 3 transfer choice, if a new PERS member.
- Accrue the higher multiplier for all judicial service.
- Not contribute to JRA.
- Not have the option to increase the multiplier for past judicial service.
Changes to the PERS plans resulting from recent years' legislation can be found in the table immediately following this section on pages 64-65. Besides those included in the table, there were no other material changes in PERS benefit provisions for the Fiscal Year ended June 30, 2012.


## School Employees' Retirement System (SERS):

The Legislature created SERS in 1998 to be effective in 2000. Membership in the system includes classified employees of school districts and educational service districts. SERS is comprised principally of non-stateagency employees. SERS retirement benefit provisions are established in chapters 41.34 and 41.35 RCW.

SERS is a cost-sharing multiple-employer retirement system comprised of two separate plans for membership purposes: Plan 2 is a defined benefit plan and Plan 3 is a defined benefit plan with a defined contribution component. As of September 1, 2000, the membership of classified school employees in PERS Plan 2 was transferred to SERS Plan 2. Those who joined on or after October 1, 1977 and by August 31, 2000 are SERS Plan 2 members unless they exercised an option to transfer their membership to Plan 3. Until June 30, 2007, SERS members joining the system on or after September 1, 2000 became members of SERS Plan 3. Legislation passed in 2007 gives SERS members hired on or after July 1, 2007 ninety days to make an irrevocable choice to become a member of either SERS Plan 2 or Plan 3. At the end of the ninety days, any member who has not made a choice, becomes a member of Plan 3. Notwithstanding, SERS Plan 2 and Plan 3 members may opt out of plan membership if terminally ill, with less than five years to live.

SERS is comprised of and reported as two separate plans for accounting purposes: Plan $2 / 3$ and Plan 3. Plan $2 / 3$ accounts for the defined benefits of Plan 2 members and the defined benefit portion of benefits for Plan 3 members. Plan 3 accounts for the defined contribution portion of benefits for Plan 3 members. Although members can only be a member of either Plan 2 or Plan 3, the defined benefit portions of Plan 2 and Plan 3 are accounted for in the same pension trust fund. All assets of this Plan $2 / 3$ defined benefit plan may legally be used to pay the defined benefits of any of the Plan 2 or Plan 3 members or beneficiaries, as defined by the terms of the plan. Therefore, Plan $2 / 3$ is considered to be a single plan for accounting purposes.

SERS Plan 2 retirement benefits are financed from a combination of investment earnings and employer and
employee contributions. Employee contributions to the SERS Plan 2 defined benefit plan accrue interest at a rate specified by the Director of DRS. During Fiscal Year 2012, the rate was five and one-half percent compounded quarterly. Members in SERS Plan 2 can elect to withdraw total employee contributions and interest thereon upon separation from SERS-covered employment.

SERS Plan 2 members are vested after completing five years of eligible service.

Plan 2 members are eligible for normal retirement at the age of 65 with five years of service. The monthly benefit is two percent of the average final compensation (AFC) per year of service. The AFC is the monthly average of the 60 consecutive highest-paid service credit months. There is no cap on years of service credit; and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

SERS Plan 2 members who have at least 20 years of service credit and are 55 years of age or older are eligible for early retirement with a reduced benefit. The benefit is reduced by an early retirement factor (ERF) that varies according to age, for each year before age 65.

SERS Plan 2 members who have 30 service credit years and are at least 55 years old can retire under one of two provisions:

- With a benefit that is reduced by three percent for each year before age 65; or
- With a benefit that has a smaller (or no) reduction (depending on age) that imposes stricter return-towork rules.

SERS Plan 2 retirement benefits are also actuarially reduced to reflect the choice, if made, of a survivor option.

The surviving spouse or eligible child (ren) of a SERS Plan 2 member who dies after having earned ten years of service credit has the option of either a monthly
benefit or a lump sum payment of the member's contributions plus interest.

SERS Plan 3 has a dual benefit structure. Employer contributions finance a defined benefit component, and member contributions finance a defined contribution component. As established by chapter 41.34 RCW, employee contribution rates to the defined contribution component range from five percent to 15 percent of salaries, based on member choice. There are currently no requirements for employer contributions to the defined contribution component of SERS Plan 3.

SERS Plan 3 defined contribution retirement benefits are dependent upon the results of investment activities. Members may elect to self-direct the investment of their contributions. Any expenses incurred in conjunction with self-directed investments are paid by members. Absent a member's self-direction, SERS Plan 3 investments are made in the same porifolio as that of the SERS $2 / 3$ defined benefit plan.

For Fiscal Year 2012, SERS Plan 3 employee contributions were $\$ 59.0$ million, and plan refunds paid out were $\$ 60.9$ million.

The defined benefit portion of SERS Plan 3 provides members a monthly benefit that is one percent of the AFC per year of service. The AFC is the monthly average of the 60 consecutive highest-paid service months. There is no cap on years of service credit, and Plan 3 provides the same cost-of-living allowance as Plan 2.

Effective June 7, 2006, SERS Plan 3 members are vested in the defined benefit portion of their plan after ten years of service; or after five years of service if 12 months of that service are earned after age 44; or after five service credit years earned in PERS Plan 2 by September 1, 2000. Plan 3 members are immediately vested in the defined contribution portion of their plan.

Vested SERS Plan 3 members are eligible for normal retirement at age 65 , or they may retire early with the following conditions and benefits:

- If they have at least ten service credit years and are 55 years old, the benefit is reduced by an ERF that varies according to age, for each year before age 65;
- If they have 30 service credit years and are at least 55 years old, they have the choice of a benefit that is reduced by three percent for each year before age 65; or a benefit with a smaller (or no) reduction factor (depending on age) that imposes stricter return-to-work rules.

SERS Plan 3 retirement benefits are also actuarially reduced to reflect the choice, if made, of a survivor option.

SERS Plan 2 and Plan 3 provide disability benefits. There is no minimum amount of service credit required for eligibility. The Plan 2 monthly benefit amount is two percent of the AFC per year of service. For Plan 3, the monthly benefit amount is one percent of the AFC per year of service. These disability benefit amounts are actuarially reduced for each year that the member's age is less than 65, and to reflect the choice of a survivor option. There is no cap on years of service credit, and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

SERS Plan 2 and Plan 3 members may have up to ten years of interruptive military service credit; five years at no cost, and five years that may be purchased by paying the required contributions.

SERS members who become totally incapacitated for continued employment while serving in the uniformed services, or a surviving spouse or eligible child(ren) may request interruptive military service credit.

SERS members may purchase up to 24 consecutive months of service credit for each period of temporary duty disability.

SERS members may also purchase up to five years of additional service credit once eligible for retirement. This credit can only be purchased at the time of retirement and can be used only to provide the member with a monthly annuity that is paid in addition to the member's retirement benefit.

Beneficiaries of a SERS Plan 2 or Plan 3 member with ten years of service who is killed in the course of employment receive retirement benefits without actuarial reduction. This provision applies to any member killed in the course of employment, on or after June 10, 2004, if found eligible by the Director of the Department of Labor and Industries.

A one-time duty-related death benefit is provided to the estate (or duly designated nominee) of a SERS member who dies in the line of service as a result of injuries sustained in the course of employment, or if the death resulted from an occupational disease or infection that arose naturally and proximately out of the member's covered employment, if found eligible by the Department of Labor and Industries.

Changes to the SERS plans resulting from recent years' legislation can be found in the table immediately following this section on pages 64-65. Besides those included in the table, there were no other material changes in SERS benefit provisions for the Fiscal Year ended June 30, 2012.

Public Safety Employees' Retirement System (PSERS):
PSERS was created by the 2004 Legislature and became effective July 1, 2006. PSERS retirement benefit provisions have been established by chapter 41.37 RCW.

PSERS is a cost-sharing multiple-employer retirement system comprised of a single defined benefit plan, PSERS Plan 2.

PSERS membership includes:

- Full-time employees hired by a covered employer before July 1, 2006, who met at least one of the PSERS eligibility criteria and elected membership during the period of July 1, 2006 to September 30, 2006; and
- Full-time employees, hired on or after July 1, 2006 by a covered employer, that meet at least one of the PSERS eligibility criteria.

A "covered employer" is one that participates in PSERS. Covered employers include:

- State of Washington agencies: Department of Corrections, Department of Natural Resources, Gambling Commission, Liquor Control Board, Parks and Recreation Commission, and Washington State Patrol;
- Washington State counties;
- Washington State cities, except for Seattle, Spokane and Tacoma; and
- Correctional entities formed by PSERS employers under the Interlocal Cooperation Act.

To be eligible for PSERS, an employee must work on a full time basis and:

- Have completed a certified criminal justice training course with authority to arrest, conduct criminal investigations, enforce the criminal laws of Washington, and carry a firearm as part of the job; or
- Have primary responsibility to ensure the custody and security of incarcerated or probationary individuals; or
- Function as a limited authority Washington peace officer, as defined in RCW 10.93.020; or
- Have primary responsibility to supervise eligible members who meet the above criteria.

PSERS retirement benefits are financed from a combination of investment earnings and employer and employee contributions. Employee contributions to the plan accrue interest at a rate specified by the Director of DRS. During Fiscal Year 2012, the rate was five and one-half percent compounded quarterly. Members in PSERS Plan 2 can elect to withdraw total employee contributions and interest thereon upon separation from PSERS-covered employment.

PSERS Plan 2 members are vested after completing five years of eligible service.

PSERS members may retire with a monthly benefit of two percent of the average final compensation (AFC) at the age of 65 with five years of service; or at the age of 60 with at least ten years of PSERS service credit; or at age 53 with 20 years of service. The AFC is the monthly average of the member's 60 consecutive highest-paid service credit months. There is no cap on years of service credit; and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

PSERS members who retire prior to the age of 60 receive reduced benefits. If retirement is at age 53 or older with at least 20 years of service, a three percent per year reduction for each year between the age at retirement and age 60 applies.

PSERS Plan 2 provides disability benefits. There is no minimum amount of service credit required for eligibility. The monthly benefit is two percent of the AFC for each year of service. The AFC is based on the member's 60 consecutive highest creditable months of service. Benefits are actuarially reduced for each year that the member's age is less than 60 (with ten or more service credit years in PSERS), or less than 65 (with fewer than ten service credit years). There is no cap on years of service credit; and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

PSERS Plan 2 members can receive service credit for military service that interrupts employment. Additionally, PSERS members who become totally incapacitated for continued employment while serving in the uniformed services, or a surviving spouse or eligible child(ren), may request interruptive military service credit.

PSERS members may also purchase up to 24 consecutive months of service credit for each period of temporary duty disability.

Beneficiaries of a PSERS Plan 2 member with ten years of service who is killed in the course of employment receive retirement benefits without actuarial reduction. This provision applies to any member killed in the course of employment, if found eligible by the Director of the Department of Labor and Industries.

A one-time duty-related death benefit is provided to the estate (or duly designated nominee) of a PSERS member who dies as a result of injuries or illness sustained in the course of employment, or if the death resulted from an occupational disease or infection that arose naturally and proximately out of the member's covered employment, if found eligible by the Department of Labor and Industries.

Changes to the PSERS plan resulting from recent years' legislation can be found on the table immediately following this section on pages 64-65. Besides those included in the table, there were no other material changes in PSERS benefit provisions for the Fiscal Year ended June 30, 2012.

## Teachers' Retirement System (TRS):

The Legislature established TRS in 1938. Eligibility for membership requires service as a certificated public school employee working in an instructional, administrative or supervisory capacity. TRS is comprised principally of non-state-agency employees. TRS retirement benefit provisions are established in chapters 41.32 and 41.34 RCW.

TRS is a cost-sharing multiple-employer retirement system comprised of three separate plans for membership purposes: Plans 1 and 2 are defined benefit plans and Plan 3 is a defined benefit plan with a defined contribution component. TRS members who joined the system by September 30, 1977 are Plan 1 members. Those who joined on or after October 1, 1977 and by June 30, 1996 are Plan 2 members unless they exercised an option to transfer their membership to Plan 3. TRS members joining the system on or after July 1, 1996 and those who exercised their transfer option, became members of TRS Plan 3. Legislation passed in 2007 gives TRS members hired on or after July 1, 2007 ninety days to make an irrevocable choice to become a member of either TRS Plan 2 or Plan 3. At the end of the ninety days, any member who has not made a choice, becomes a member of Plan 3. Notwithstanding, TRS Plan 2 and Plan 3 members may opt out of plan membership if terminally ill, with less than five years to live.

TRS is comprised of three separate plans for accounting purposes: Plan 1, Plan 2/3, and Plan 3. Plan 1
accounts for the defined benefits of Plan 1 members. Plan $2 / 3$ accounts for the defined benefits of Plan 2 members and the defined benefit portion of benefits for Plan 3 members. Plan 3 accounts for the defined contribution portion of benefits for Plan 3 members. Although members can only be a member of either Plan 2 or Plan 3, the defined benefit portions of Plan 2 and Plan 3 are accounted for in the same pension trust fund. All assets of this Plan $2 / 3$ defined benefit plan may legally be used to pay the defined benefits of any of the Plan 2 or Plan 3 members or beneficiaries, as defined by the terms of the plan. Therefore, Plan $2 / 3$ is considered to be a single plan for accounting purposes.

TRS Plan 1 and Plan 2 retirement benefits are financed from a combination of investment earnings and employer and employee contributions. Employee contributions to the TRS Plan 1 and Plan 2 defined benefit plans accrue interest at a rate specified by the Director of DRS. During Fiscal Year 2012, the rate was five and one-half percent compounded quarterly. Members in TRS Plan 1 and Plan 2 can elect to withdraw total employee contributions and interest thereon upon separation from TRS-covered employment.

TRS Plan 1 members are vested after the completion of five years of eligible service.

Plan 1 members are eligible for retirement at any age after 30 years of service, or at the age of 60 with five years of service, or at the age of 55 with 25 years of service. The monthly benefit is two percent of the average final compensation (AFC), for each year of service credit, up to a maximum of 60 percent, divided by twelve. The AFC is the total earnable compensation for the two consecutive highest-paid fiscal years, divided by two.

The monthly benefit is subject to a minimum for TRS Plan 1 retirees who have at least 25 years of service and have been retired 20 years, or who have 20 years of service and have been retired 25 years. If a survivor option is chosen, the benefit is reduced. Plan 1 members may elect to receive an optional COLA amount (based on the Consumer Price Index), capped at three percent annually. To offset the cost of this annual adjustment, the benefit is reduced.

TRS Plan 1 provides death, as well as, permanent and temporary disability benefits. TRS Plan 1 members receive the following additional lump-sum death benefits: retired members- $\$ 400$ (if retired with ten years of full-time membership), $\$ 400$ (if inactive with ten years of membership), or active members- $\$ 600$ (if employed full-time at time of death). The survivor of a TRS Plan 1 member who dies after having earned ten years of service credit has the option, upon the member's death, of either a monthly survivor benefit or the lump sum of contributions plus interest.

TRS Plan 1 members on temporary disability receive a monthly payment of $\$ 180$ payable for up to two years, for the same occurrence. After five years of service, members on a disability retirement receive a benefit based on their salary and service to date of disability.

TRS Plan 2 members are vested after completing five years of eligible service.

Plan 2 members are eligible for normal retirement at the age of 65 with five years of service. The monthly benefit is two percent of the average final compensation (AFC) per year of service. The AFC is the monthly average of the 60 consecutive highest-paid service credit months. There is no cap on years of service credit; and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

TRS Plan 2 members who have at least 20 years of service credit and are 55 years of age or older are eligible for early retirement with a reduced benefit. The benefit is reduced by an early retirement factor (ERF) that varies according to age, for each year before age 65.

TRS Plan 2 members who have 30 or more years of service credit and are at least 55 years old, can retire under one of two provisions:

- With a benefit that is reduced by three percent for each year before age 65; or
- With a benefit that has a smaller (or no) reduction (depending on age) that imposes stricter return-towork rules.

TRS Plan 2 retirement benefits are also actuarially reduced to reflect the choice, if made, of a survivor option.

The surviving spouse or eligible child(ren) of a TRS Plan 2 member who dies after having earned ten years of service credit has the option of either a monthly benefit or a lump sum payment of the member's contributions plus interest.

TRS Plan 3 has a dual benefit structure. Employer contributions finance a defined benefit component, and member contributions finance a defined contribution component. As established by chapter 41.34 RCW, employee contribution rates to the defined contribution component range from five percent to 15 percent of salaries, based on member choice. There are currently no requirements for employer contributions to the defined contribution component of TRS Plan 3.

TRS Plan 3 defined contribution retirement benefits are dependent upon the results of investment activities. Members may elect to self-direct the investment of their contributions. Any expenses incurred in conjunction with self-directed investments are paid by members. Absent a member's self-direction, TRS Plan 3 investments are made in the same portfolio as that of the TRS $2 / 3$ defined benefit plan.

For Fiscal Year 2012, TRS Plan 3 employee contributions were $\$ 255.9$ million and plan refunds paid out were $\$ 150.4$ million.

The defined benefit portion of TRS Plan 3 provides members a monthly benefit that is one percent of the AFC per year of service. The AFC is the monthly average of the 60 consecutive highest-paid service credit months. There is no cap on years of service credit; and Plan 3 provides the same cost-of-living allowance as Plan 2.

TRS Plan 3 members are vested in the defined benefit portion of their plan after ten years of service; or after five years of service if 12 months of that service are earned after age 44; or after five service credit years earned in TRS Plan 2 by July 1, 1996. Plan 3 members are immediately vested in the defined contribution portion of their plan.

Vested Plan 3 members are eligible for normal retirement at age 65 , or they may retire early with the following conditions and benefits:

- If they have at least ten service credit years and are 55 years old, the benefit is reduced by an ERF that varies according to age, for each year before age 65;
- If they have 30 service credit years and are at least 55 years old, they have the choice of a benefit that is reduced three percent for each year before age 65 , or a benefit with a smaller (or no) reduction factor (depending on age) that imposes stricter return-to-work rules.

TRS Plan 3 retirement benefits are also actuarially reduced to reflect the choice, if made, of a survivor option.

TRS Plan 2 and Plan 3 provide disability benefits. There is no minimum amount of service credit required for eligibility. The Plan 2 monthly benefit amount is two percent of the AFC per year of service. For Plan 3, the monthly benefit amount is one percent of the AFC per year of service. These disability benefit amounts are actuarially reduced for each year that the member's age is less than 65, and to reflect the choice of a survivor option. There is no cap on years of service credit, and a cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

TRS members can receive service credit for military service that interrupts employment. Additionally, TRS members who become totally incapacitated for continued employment while serving in the uniformed services, or a surviving spouse or eligible child(ren), may request interruptive military service credit.

TRS members may purchase up to 24 consecutive months of service credit for each period of temporary duty disability. Additionally, TRS Plan 2 and Plan 3 members who have two years of earned service credit may purchase up to seven years of service credit for public education experience earned in another state or with the federal government.

TRS members may also purchase up to five years of additional service credit, once eligible for retirement. This credit can only be purchased at the time of retirement and can be used only to provide the member with a monthly annuity that is paid in addition to the member's retirement benefit.

Beneficiaries of TRS members killed in the course of employment receive survivor benefits without actuarial reduction. This provision applies to any member killed in the course of employment, on or after June 10, 2004, if found eligible by the Director of the Department of Labor and Industries.

A one-time duty-related death benefit is provided to the estate (or duly designated nominee) of a TRS member who dies in the line of service as a result of injuries or illness sustained in the course of employment, or if the death resulted from an occupational disease or infection that arose naturally and proximately out of the member's covered employment, if found eligible by the Department of Labor and Industries.

From January 1, 2007 through December 31, 2007, judicial members of TRS were given the choice to elect participation in the Judicial Benefit Multiplier (JBM) Program enacted in 2006. Justices and judges in TRS Plan 1 were able to make an irrevocable election to pay increased contributions that would fund a retirement benefit with a three and one-half percent multiplier. The benefit is capped at $75 \%$ of average final compensation.

Members who chose to participate would:

- Accrue service credit at the higher multiplier beginning with the date of their election.
- Be subject to the benefit cap of $75 \%$ of the AFC.
- Stop contributing to the Judicial Retirement Account (JRA).
- Pay higher contributions.
- Be given the option to increase the multiplier on past judicial service.

Members who did not choose to participate would:

- Continue to accrue service credit at the regular multiplier.
- Not be subject to a benefit cap.
- Continue to participate in JRA, if applicable.
- Continue to pay contributions at the regular TRS rate.
- Never be a participant in the JBM Program.

Newly elected or appointed justices and judges who chose to become TRS members on or after January 1, 2007 were required to participate in the JBM Program. Members required into the JBM program would:

- Return to prior TRS Plan if membership had previously been established.
- Accrue the higher multiplier for all judicial service.
- Not contribute to JRA.
- Not have the option to increase the multiplier for past judicial service.

Changes to the TRS plans resulting from recent years' legislation can be found in the table immediately following this section on pages 64-65. Besides those included in the table, there were no other material changes in TRS benefit provisions for the Fiscal Year ended June 30, 2012.

## Law Enforcement Officers' and Fire Fighters' Retirement System (LEOFF):

LEOFF was established in 1970 by the Legislature.
Membership includes all full-time, fully compensated, local law enforcement commissioned officers, firefighters, and as of July 24, 2005, emergency medical technicians. LEOFF membership is comprised primarily of non-state employees, with Department of Fish and Wildlife enforcement officers who were first included effective July 27, 2003, being an exception. LEOFF retirement benefit provisions are established in chapter 41.26 RCW.

LEOFF is a cost-sharing multiple-employer retirement system comprised of two separate defined benefit
plans. LEOFF members who joined the system by September 30, 1977 are Plan 1 members. Those who joined on or after October 1, 1977 are Plan 2 members.

Effective July 1, 2003, the LEOFF Plan 2 Retirement Board was established by Initiative 790 to provide governance of LEOFF Plan 2. The Board's duties include adopting contribution rates and recommending policy changes to the Legislature.

LEOFF retirement benefits are financed from a combination of investment earnings, employer and employee contributions, and a special funding situation in which the state pays through legislative appropriations. Employee contributions to the LEOFF Plan 1 and Plan 2 defined benefit plans accrue interest at a rate specified by the Director of DRS. During Fiscal Year 2012, the rate was five and one-half percent compounded quarterly. Members in LEOFF Plan 1 and Plan 2 can elect to withdraw total employee contributions and interest earnings upon separation from LEOFF-covered employment.

LEOFF Plan 1 members are vested after the completion of five years of eligible service. Plan 1 members are eligible for retirement with five years of service at the age of 50 . The benefit per year of service calculated as a percent of final average salary (FAS) is as follows:

| Term of Service | Percent of FAS |
| :---: | :---: |
| $20+$ | $2.0 \%$ |
| $10-19$ | $1.5 \%$ |
| $5-9$ | $1.0 \%$ |

The FAS is the basic monthly salary received at the time of retirement, provided a member has held the same position or rank for 12 months preceding the date of retirement. Otherwise, it is the average of the highest consecutive 24 months' salary within the last ten years of service. A cost-of-living allowance is granted (based on the Consumer Price Index).

LEOFF Plan 1 provides death and disability benefits. Death benefits for survivors of Plan 1 members on active duty consist of the following: (1) If eligible spouse, 50 percent of the FAS, plus five percent of the

FAS for each eligible surviving child, with a limitation on the combined benefit of 60 percent of the FAS; or (2) If no eligible spouse, eligible children receive 30 percent of the FAS for the first child plus ten percent for each additional child, subject to a 60 percent limitation of the FAS, divided equally.

A one-time duty-related death benefit is provided to the estate (or duly designated nominee) of a LEOFF Plan 1 member who dies as a result of injuries or illness sustained in the course of employment, or if the death resulted from an occupational disease or infection that arose naturally and proximately out of the member's covered employment, if found eligible by the Department of Labor and Industries.

The LEOFF Plan 1 disability benefit is 50 percent of the FAS plus five percent for each child up to a maximum of 60 percent. Upon recovery from disability before the age of 50 , a member is restored to service with full credit for service while disabled. Upon recovery after the age of 50, the benefit continues as the greater of the member's disability benefit or service retirement benefit.

LEOFF Plan 1 members may purchase up to five years of additional service credit once eligible for retirement. This credit can only be purchased at the time of retirement and can be used only to provide the member with a monthly annuity that is paid in addition to the member's benefit.

LEOFF Plan 2 members are vested after the completion of five years of eligible service.

Plan 2 members are eligible for retirement at the age of 53 with five years of service, or at age 50 with 20 years of service. Plan 2 members receive a benefit of two percent of the FAS per year of service (the FAS is based on the highest consecutive 60 months), actuarially reduced to reflect the choice of a survivor option. Members who retire prior to the age of 53 receive reduced benefits. If the member has at least 20 years of service and is age 50, the reduction is three percent for each year prior to age 53. Otherwise, the benefits are actuarially reduced for each year prior to age 53. A cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

LEOFF Plan 2 provides disability benefits. There is no minimum amount of service credit required for eligibility. The Plan 2 benefit amount is two percent of the FAS for each year of service. Benefits are reduced to reflect the choice of a survivor option and for each year that the member's age is less than 53 , unless the disability is duty-related. If the member has at least 20 years of service and is age 50, the reduction is three percent for each year prior to age 53 .

A disability benefit equal to 70 percent of their FAS, subject to offsets for workers' compensation and Social Security disability benefits received, is also available to those LEOFF Plan 2 members who are catastrophically disabled in the line of duty and incapable of future substantial gainful employment in any capacity. Effective June 2010, benefits to LEOFF Plan 2 members who are catastrophically disabled include payment of eligible health care insurance premiums.

Members of LEOFF Plan 2 who leave service because of a line of duty disability are allowed to withdraw 150 percent of accumulated member contributions. This withdrawal benefit is not subject to federal income tax. Alternatively, members of LEOFF Plan 2 who leave service because of a line of duty disability may be eligible to receive a retirement benefit of at least ten percent of final average salary and two percent per year of service beyond five years. The first ten percent of the FAS is not subject to federal income tax.

LEOFF Plan 2 retirees may return to work in an eligible position covered by another retirement system, choose membership in that system and suspend their pension benefits, or not choose membership and continue receiving pension benefits without interruption.

LEOFF Plan 2 members who apply for retirement may purchase up to five years of additional service credit. The cost of this credit is the actuarial equivalent of the resulting increase in the member's benefit.

LEOFF Plan 2 members can receive service credit for military service that interrupts employment. Additionally, LEOFF Plan 2 members who become totally incapacitated for continued employment while serving in the uniformed services, or a surviving spouse or eligible child(ren), may request interruptive military service credit.

LEOFF Plan 2 members may also purchase up to 24 consecutive months of service credit for each period of temporary duty disability.

Beneficiaries of a LEOFF Plan 2 member who is killed in the course of employment receive retirement benefits without actuarial reduction, if found eligible by the Director of the Department of Labor and Industries. Benefits to eligible surviving spouses and dependent children of LEOFF Plan 2 members killed in the course of employment include the payment of health care insurance premiums paid to the Washington state Health Care Authority.

A one-time duty-related death benefit is provided to the estate (or duly designated nominee) of a LEOFF Plan 2 member who dies as a result of injuries or illness sustained in the course of employment, or if the death resulted from an occupational disease or infection that arose naturally and proximately out of the member's covered employment, if found eligible by the Director of the Department of Labor and Industries.

Legislation passed in 2009 provides to the Washington-state-registered domestic partners of LEOFF Plan 2 members the same treatment as married spouses, to the extent that the treatment is not in conflict with federal laws.

Changes to the LEOFF plans resulting from recent years' legislation can be found on the table immediately following this section on pages 64-65. Besides those included in the table, there were no other material changes in LEOFF benefit provisions for the Fiscal Year ended June 30, 2012.

## Washington State Patrol Retirement System (WSPRS):

WSPRS was established by the Legislature in 1947.
Any commissioned employee of the Washington State Patrol is eligible to participate. WSPRS retirement benefit provisions are established in chapter 43.43 RCW.

WSPRS is a single-employer defined benefit retirement system. WSPRS members who joined the system by December 31, 2002 are Plan 1 members. Those who joined on or after January 1, 2003 are Plan 2 members. For financial reporting and investment
purposes, however, both plans are accounted for in the same pension fund.

WSPRS retirement benefits are financed from a combination of investment earnings and employer and employee contributions. Employee contributions to WSPRS accrue interest at a rate specified by the Director of DRS. During Fiscal Year 2012 the rate was 5.364 percent annually, compounded monthly. Members in WSPRS can elect to withdraw total employee contributions and interest earnings upon separation from WSPRS-covered employment.

There is no vesting requirement for active WSPRS members. Inactive WSPRS members are vested after the completion of five years of eligible service.

Members are eligible for retirement at the age of 55 with five years of service, or after 25 years of service, and must retire at age 65. This mandatory requirement, however, does not apply to the chief of the Washington State Patrol.

The monthly benefit is two percent of the average final salary (AFS) per year of service, capped at 75 percent. A cost-of-living allowance is granted (based on the Consumer Price Index), capped at three percent annually.

For WSPRS Plan 1 members, the AFS is based on the average of the 24 highest-paid service credit months and excludes voluntary overtime. Death benefits for these members, if on active duty, consist of the following: (1) If eligible spouse, 50 percent of the AFS, plus five percent of the AFS for each eligible surviving child, with a limitation on the combined benefit of 60 percent of the AFS; or (2) If no eligible spouse, 30 percent of the AFS for the first child plus ten percent for each additional child, subject to a 60 percent limitation of the AFS, or (3) If no spouse or eligible children, beneficiary gets the refund of contributions and interest.

For WSPRS Plan 2 members, the AFS is based on the average of the 60 consecutive highest-paid service credit months and excludes both voluntary overtime and cash-outs of annual and holiday leave. At retirement, these members also have the option of selecting an actuarially reduced benefit in order to provide for post-
retirement survivor benefits. Death benefits for these members, if on active duty, consist of the following: (1) If the member is single or has less than ten years of service, the return of the member's accumulated contributions; or (2) If the member is married, has an eligible child, or has completed ten years of service, a reduced benefit reflecting a joint and 100 percent survivor option or 150 percent of the member's accumulated contributions, at the survivor's option.

WSPRS Plan 2 members may receive up to five years of no-cost service credit for military service that interrupts employment. Additionally, WSPRS Plan 2 members who become totally incapacitated for continued employment while serving in the uniformed services, or a surviving spouse or eligible child(ren) may request interruptive service credit.

Beneficiaries of a WSPRS Plan 2 member who is killed in the course of employment receive retirement benefits without actuarial reduction, if found eligible by the Director of the Department of Labor and Industries. Benefits to eligible surviving spouses and dependents of WSPRS members killed in the course of employment include the payment of on-going health care insurance premiums paid to the Washington State Health Care Authority.

WSPRS members may purchase up to five years of additional service credit once eligible for retirement. This credit can only be purchased at the time of retirement and can be used only to provide the member with a monthly annuity that is paid in addition to the member's retirement benefit.

WSPRS benefit provisions include death benefits; however, the system provides no disability benefits. Disability benefits may be available from the Washington State Patrol (WSP). If disability benefits are received, the member may be eligible to acquire service credit for the period of disability.

A one-time duty-related death benefit is provided to the estate (or duly designated nominee) of a WSPRS member who dies as a result of injuries or illness sustained in the course of employment, or if the death resulted from an occupational disease or infection that arose naturally and proximately out of the member's
covered employment, if found eligible by the Director of the Department of Labor and Industries.

Legislation passed in 2009 provides to the Washington-state-registered domestic partners of WSPRS members the same treatment as married spouses, to the extent that the treatment is not in conflict with federal laws.

Changes to the WSPRS plans resulting from recent years' legislation can be found on the table immediately following this section on pages 64-65. Besides those included in the table, there were no other material changes in WSPRS benefit provisions for the Fiscal Year ended June 30, 2012.

## Judicial Retirement System (JRS):

JRS was established by the Legislature in 1971. Membership includes judges elected or appointed to the Supreme Court, Court of Appeals, and Superior Courts on or after August 9, 1971. The system was closed to new entrants on July 1, 1988, with new judges joining PERS. JRS retirement benefit provisions are established in chapter 2.10 RCW.

JRS is an agent multiple-employer retirement system comprised of a single defined benefit plan. JRS retirement benefits are financed on a pay-as-you-go basis from a combination of investment earnings, employer contributions, employee contributions, and a special funding situation in which the state pays the remaining contributions.

Employee contributions accrue interest at a rate specified by the Director of DRS. During Fiscal Year 2012, the rate on employee contributions was five and one-half percent, compounded quarterly. JRS members who are vested in the plan may not elect to withdraw their contributions upon termination. However, any JRS member that left the system before July 1, 1988, or his/her spouse, who was ineligible to receive a benefit at that time, may apply and receive a refund of such contributions from DRS, if said contributions have not been already refunded via a sundry claims appropriation from the state Legislature.

JRS members are eligible for retirement at the age of 60 with 15 years of service, or after 12 years of service (if the member left office involuntarily) with at least 15 years after beginning judicial service.

The benefit per year of service calculated as a percent of final average salary (FAS) is shown in the table below. This benefit is capped at $75 \%$ of the FAS, exclusive of cost of living increases.

| Term of Service | Percent of FAS |
| :---: | :---: |
| $15+$ | $3.5 \%$ |
| $10-14$ | $3.0 \%$ |

Death and disability benefits are also provided. Eligibility for death benefits while on active duty requires ten or more years of service. A monthly spousal benefit is provided which is equal to 50 percent of the benefit that the member would have received if retired. If the member is retired, the surviving spouse receives the greater of 50 percent of the member's retirement benefit or 25 percent of the FAS. For members with ten or more years of service, a disability benefit of 50 percent of the FAS is provided.

There were no material changes in JRS benefit provisions for the Fiscal Year ended June 30, 2012.

## Judges' Retirement Fund:

The Judges' Retirement Fund was created by the Legislature on March 22, 1937, pursuant to chapter 2.12 RCW, to provide retirement benefits to judges of the Supreme Court, Court of Appeals, or Superior Courts of the state of Washington. Subsequent legislation required that all judges first appointed or elected to office on or after August 9, 1971, enter the Judicial Retirement System. Judges' retirement benefit provisions are established in chapter 2.12 RCW.

The Judges' Retirement Fund is an agent multipleemployer retirement system comprised of a single defined benefit plan. There are currently no active members in this plan. Retirement benefits are financed on a pay-as-you-go basis from a combination of past employee and employer contributions, and a special funding situation in which the state contributes to the plan.

There were no material changes in Judges' benefit provisions for the Fiscal Year ended June 30, 2012.

## Recent Legislation Affecting Pension Systems/Plans Administered by DRS During Fiscal Year 2012 (page 1 of 2)

(Arranged Chronologically by Effective Date)

| Legal Reference | Effective Date | Systems/Plans Affected | Description |
| :---: | :---: | :---: | :---: |
| Chapter 521, Laws of 2009 (ESSSB 5688) | Varies per <br> section <br> from <br> 7/26/09 to <br> 1/1/14 | All systems and plans | Domestic partners registered with the state will be treated the same as married spouses, to the extent that treatment is not in conflict with federal laws. |
| Chapter 80, Laws of 2010 (SB 6546) | 3/17/10 | LEOFF 2 | The State Director of Fire Protection, if previously a member of LEOFF 2, has the choice to continue membership in LEOFF 2 while employed in this role. This position is otherwise covered by PERS. |
| Chapter 21, Laws of 2010 (HB 1545) | 6/10/10 | PERS | Eligible employees of the Higher Education Coordinating Board have the ability to participate in the Higher Education Retirement Plan instead of the Public Employees' Retirement System. |
| Chapter 50, Laws of 2010 (SB 6453) | 6/10/10 | LEOFF 2 | Shared leave can be treated as reportable compensation for LEOFF 2 members. Earnings can be used in the calculation of a member's benefit, and service credit will be earned according to hours reported. |
| Chapter 103, Laws of 2010 (HB 1541) | 6/10/10 | PERS 2 and 3, SERS 2 and 3 | Half-time service credit is granted to qualifying members who worked for an educational employer in school years prior to January 1, 1987. |
| Chapter 259, Laws of 2010 (SHB 1679) | 6/10/10 | LEOFF 2 and WSPRS | The payment of medical insurance premiums for qualifying LEOFF 2 and WSPRS members who are catastrophically disabled in the line of duty, and their spouses and dependent children will now be paid by DRS. |
| Chapter 260, Laws of 2010 (SHB 2196) | 6/10/10 | LEOFF 1 and PERS 1 | PERS 1 members who retired on or after January 1, 1998, can use any service transferred from LEOFF 1 to qualify for non-interruptive military service credit. |
| Chapter 261, Laws of 2010 (EHB 2519) | 6/10/10 | LEOFF and WSPRS | Additional benefits are provided to survivors of police officers, fire fighters and State Patrol officers killed in the line of duty. |
| Chapter 7, Laws of 2010 (ESSHB 2617), Sections \# 27-36 | 6/30/10 | DCP, PERS 3, SERS 3 and TRS 3 | The Employee Retirement Benefits Board is abolished and its former duties are transferred to the DRS Director. |
| Chapter 362, Laws of 2011 (SHB 2021) | 6/30/11 | PERS 1 and TRS 1 | The automatic annual benefit increase for retirees/beneficiaries in PERS 1 and TRS 1 is eliminated, and the Adjusted Minimum Benefit limit is increased to $\$ 1,545$ per month. Additionally, the minimum employer contribution rates for the unfunded liability of both of these plans are lowered. |
| Chapter 5, Laws of 2011 (HB 2070) | 7/1/11 | LEOFF 2, PERS, PSERS, SERS, TRS and WSPRS | DRS is required to include the qualifying foregone compensation during the 2011-2013 biennium in the benefits calculation of retiring government employees in LEOFF 2, PERS, PSERS, SERS, TRS and WSPRS. |

# Recent Legislation Affecting Pension Systems/Plans Administered by DRS During Fiscal Year 2012 (page 2 of 2) 

(Arranged Chronologically by Effective Date)

| Legal Reference | Effective Date | Systems/Plans Affected | Description |
| :---: | :---: | :---: | :---: |
| Chapter 47, Laws of 2011 (ESHB 1981) | Varies per section from 7/1/11 to 1/1/12 | PERS, PSERS, SERS and TRS | Multi-faceted bill that: <br> -Limits to 867 the post retirement hours that a PERS 1 or TRS 1 retiree may work prior to suspension of the pension benefit, <br> -Applies the return to work provision of the applicable retirement system to higher education positions eligible for the HERPs, <br> -Prohibits higher education institutions and entities from offering participation in a HERP to any newly hired employee that has retired or is eligible to retire from a DRS administered retirement plan, <br> -Provides, for newly hired employees eligible to participate in a HERP, the option at time of hire to participate in PERS 3, TRS 3 or a HERP, <br> -Requires institutions to contribute a percentage of their HERP-covered employees' salary to DRS to be invested by the WSIB. These funds are intended to be used to pay required supplemental benefits to eligible HERP retirees. |
| Chapter 68, Laws of 2011 (HB 1263) | 7/22/11 | PSERS | The employer definition within PSERS is modified to include correctional entities formed by PSERS employers under the Interlocal Cooperation Act (RCW 39.34). |
| Chapter 80, Laws of 2011 (HB 1625) | 7/22/11 | PERS 3, SERS 3 and TRS 3 | The investment option for new employees who default into membership in PERS 3, SERS 3 or TRS 3 by failing to choose a retirement plan within the allotted 90 days is changed from the Total Allocation Portfolio to a Retirement Strategy Fund, based on the member's birth year and an assumed retirement at age 65 . |
| Chapter 3, Laws of 2012 (ESSB 6239) | 6/7/12* | All systems/plans | This bill allows same-gender couples to marry, and automatically converts certain domestic partnerships to marriages unless the couple marries or dissolves the partnership before June 30,2014 . Under the provisions of this bill, survivor benefits may be available to certain members of the state's retirement systems sooner than under current law. <br> *This law will remain on hold pending the results of a referendum to take place in November, 2012. |
| Chapter 72, Laws of 2012 (ESB 5159) | 6/7/12 | WSPRS | Current WSPRS members who have service credit earned as commercial vehicle enforcement officers within PERS 2 may transfer said credit into the WSPRS. The member must pay the full actuarial cost of the transfer. |
| Chapter 236, Laws of 2012 (EHB 2771) | 6/7/12 | LEOFF, PERS, PSERS, SERS and TRS | This bill amends the retirement statutes to clarify that governmental contractors are not employers under the system, unless otherwise qualifying, and that the determination of whether an employee/employer relationship has been established shall be based solely on the relationship between the contracted employee and the governmental employer. |
| Chapter 248, Laws of 2012 (SB 6134) | 6/7/12 | LEOFF 2 | The initial timeline to transfer service credit under RCW 41.26.435 is moved from June 30, 2014 to June 30, 2012. |

## C. Funding Policy

With the exception of LEOFF Plan 2, the Legislature provided for minimum contribution rates for the pension plans (Chapter 561, Laws of 2009). The LEOFF Plan 2 Retirement Board provided for minimum contribution rates for the LEOFF Plan 2. These minimum rates went into effect beginning with the 2011-2013 biennium.

All employers are required to contribute at the level established by the Legislature. The table at the end of this section provides the required contribution rates for all plans (expressed as a percentage of current year covered payroll) at the close of Fiscal Year 2012.

PERS: Each biennium, the state Pension Funding Council adopts Plan 1 employer contribution rates, Plan 2 employer and employee contribution rates, and Plan 3 employer contribution rates. Employee contribution rates for Plan 1 are established by statute at six percent for state agencies and local government unit employees, and at seven and one-half percent for state government elected officials. The employer and employee contribution rates for Plan 2 and the employer contribution rate for Plan 3 are developed by the Office of the State Actuary to fully fund Plan 2 and the defined benefit portion of Plan 3. Under PERS Plan 3, employer contributions finance the defined benefit portion of the plan, and member contributions finance the defined contribution portion. The Plan 3 employee contribution rates range from five to 15 percent, based on member choice. Two of the options are graduated rates dependent on the employee's age.

As a result of the implementation of the Judicial Benefit Multiplier (JBM) Program in January 2007, a second tier of employer and employee rates was developed to fund, along with investment earnings, the increased retirement benefits of those justices and judges that participate in the program. These new higher rates are also detailed in the table at the end of this section.

The methods used to determine PERS contribution requirements are established under state statute in accordance with chapters 41.40 and 41.45 RCW.

SERS: Each biennium, the state Pension Funding Council adopts Plan 2 employer and employee contribution rates and Plan 3 employer contribution rates. The employer and employee contribution rates for Plan 2 and the employer contribution rate for Plan 3 are developed by the Office of the State Actuary to fully fund Plan 2 and the defined benefit portion of Plan 3. Under SERS Plan 3, employer contributions finance the defined benefit portion of the plan, and member contributions finance the defined contribution portion. The Plan 3 employee contribution rates range from five to 15 percent, based on member choice. Two of the options are graduated dependent on the employee's age.

The methods used to determine SERS contribution requirements are established under state statute in accordance with chapters 41.35 and 41.45 RCW.

PSERS: Each biennium, the state Pension Funding Council adopts Plan 2 employer and employee contribution rates. The employer and employee contribution rates for Plan 2 are developed by the Office of the State Actuary to fully fund Plan 2.

The methods used to determine PSERS contribution requirements are established under state statute in accordance with chapters 41.37 and 41.45 RCW.

TRS: Each biennium, the state Pension Funding Council adopts Plan 1 employer contribution rates, Plan 2 employer and employee contribution rates, and Plan 3 employer contribution rates. Employee contribution rates for Plan 1 are established by statute at six percent for state agencies and local government unit employees, and at seven and one-half percent for state elected officials. The employer and employee contribution rates for Plan 2 and the employer contribution rate for Plan 3 are developed by the Office of the State Actuary to fully fund Plan 2 and the defined benefit portion of Plan 3. Under TRS Plan 3, employer contributions finance the defined benefit portion of the plan and member contributions finance the defined contribution portion. The Plan 3 employee contribution rates range from five to 15 percent, based on member choice. Two of the options are graduated rates dependent on the employee's age.

As a result of the implementation of the Judicial Benefit Multiplier (JBM) Program in January 2007, a second tier of employee rates was developed to fund the increased retirement benefits of those judges that participate in the program. These higher rates are also detailed in the table at the end of this section.

The methods used to determine the contribution requirements are established under state statute in accordance with chapters 41.37 and 41.45 RCW.

LEOFF: Employer and employee contribution rates are developed by the Office of the State Actuary to fully fund the plans. Starting on July 1, 2000, Plan 1 employers and employees contribute zero percent, as long as the plan remains fully funded. Plan 2 employers and employees are required to pay at the level adopted by the LEOFF Plan 2 Retirement Board.

The Legislature, by means of a special funding arrangement, appropriates money from the state General Fund to supplement the current service liability and fund the prior service costs of Plan 2 in accordance with the recommendations of the Pension Funding Council and the LEOFF Plan 2 Retirement Board. However, this special funding situation is not mandated by the state constitution and this funding requirement could be returned to the employers by a change of statute. For Fiscal Year 2012, the state contributed $\$ 52.8$ million to LEOFF Plan 2.

The methods used to determine the contribution requirements are established under state statute in accordance with chapters 41.26 and 41.45 RCW.

WSPRS: Each biennium, the state Pension Funding Council adopts the employee and the state contribution rates, subject to revision by the Legislature. The preliminary employee and the state contribution rates are developed by the Office of the State Actuary to fully fund the plan.

The methods used to determine the contribution requirements are established under state statute in accordance with chapters 43.43 and 41.45 RCW.

JRS: Contributions made are based on rates set in chapter 2.10 RCW. By statute, employees are required to contribute seven and one-half percent with an equal amount contributed by the state. In addition, the state guarantees the solvency of the JRS on a pay-as-you-go basis. Each biennium, the Legislature, through biennial appropriations from the state General Fund, contributes amounts sufficient to meet benefit payment requirements. For Fiscal Year 2012, the state contributed $\$ 8.1$ million.

Judges: Past contributions were made based on rates set in chapter 2.12 RCW. By statute, employees were required to contribute six and one-half percent with an equal amount contributed by the state. However, there are no active members remaining in the Judges' Retirement Fund.

The state guarantees the solvency of the Judges' Retirement fund on a pay-as-you-go basis. Each biennium, therefore, the Legislature, through appropriations from the state General Fund, contributes amounts sufficient to meet benefit payment requirements. For Fiscal Year 2012, however, no such appropriations or contributions were needed or made.

Required contribution rates (expressed as a percentage of current-year covered payroll) at the close of Fiscal Year 2012 were as follows:

| Actual Contribution Rates: | Employer |  |  | Employee |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Plan 1 | Plan 2 | Plan 3 | Plan 1 | Plan 2 | Plan 3 |
| PERS |  |  |  |  |  |  |
| Members Not Participating in JBM: |  |  |  |  |  |  |
| State agencies* | 7.08\% | 7.08\% | 7.08\%** | 6.00\% | 4.64\% | *** |
| Local governmental units* | 7.08\% | 7.08\% | 7.08\%** | 6.00\% | 4.64\% | *** |
| State government elected officials* | 10.54\% | 7.08\% | 7.08\%** | 7.50\% | 4.64\% | *** |
| Members Participating in JBM: |  |  |  |  |  |  |
| State agencies* | 9.58\% | 9.58\% | 9.58\%** | 9.76\% | 9.10\% | 7.50\%**** |
| Local governmental units* | 7.08\% | 7.08\% | 7.08\%** | 12.26\% | 11.60\% | 7.50\%**** |
| SERS |  |  |  |  |  |  |
| State agencies* | n/a | 7.58\% | 7.58\%** | n/a | 4.09\% | *** |
| Local governmental units* | n/a | 7.58\% | 7.58\%** | n/a | 4.09\% | *** |
| PSERS |  |  |  |  |  |  |
| State agencies* | n/a | 8.74\% | n/a | n/a | 6.36\% | n/a |
| Local governmental units* | n/a | 8.74\% | n/a | n/a | 6.36\% | n/a |

TRS
Members Not Participating in JBM:

| State agencies* | 8.04\% | 8.04\% | 8.04\%** | 6.00\% | 4.69\% | *** |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Local governmental units* | 8.04\% | 8.04\% | 8.04\%** | 6.00\% | 4.69\% | *** |
| State government elected officials* | 8.04\% | 8.04\% | 8.04\%** | 7.50\% | 4.69\% | *** |
| Members Participating in JBM: |  |  |  |  |  |  |
| State agencies* | 8.04\% | n/a | n/a | 9.76\% | n/a | n/a |
| LEOFF |  |  |  |  |  |  |
| Local governmental units* | 0.16\% | 5.24\% | n/a | n/a | 8.46\% | n/a |
| Ports and universities* | n/a | 8.62\% | n/a | n/a | 8.46\% | n/a |
| State of Washington | n/a | 3.38\% | n/a | n/a | n/a | n/a |


| WSPRS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State agencies* | 8.07\% | 8.07\% | n/a | 6.59\% | 6.59\% | n/a |
| Judicial |  |  |  |  |  |  |
| State agencies | 7.50\% | n/a | n/a | 7.50\% | n/a | n/a |

*Employer rates include an administrative expense rate of 0.16\%.
**Plan 3 defined benefit portion only.
${ }^{* * *} V$ Variable from $5 \%$ to $15 \%$ based on rate selected by the member.
****Minimum rate.
The funded status of each plan as of June 30, 2011, the most recent actuarial valuation date, is as follows:

|  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^1]Additional information for the Defined Benefit Plans as of the latest valuation is shown below:

|  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |

N/A indicates data not applicable.
${ }^{1}$ PERS and TRS Plans 1 use a variation of the Entry Age Normal (EAN) cost method, whereas LEOFF 1 uses a variation of the Frozen Initial Liability (FIL) cost method.
${ }^{2}$ The aggregate cost method does not identify or separately amortize unfunded actuarial accrued liabilities.
${ }^{3}$ Pay-As-You-Go basis for funding.
${ }^{4}$ Level percent of system payroll, including system growth.
${ }^{5}$ Asset Valuation Method - 8 year Smoothed Fair Value - The actuarial value of assets is calculated under an adjusted market value method by starting with the market value of assets. For subsequent years, the actuarial value of assets is determined by adjusting the market value of assets to reflect the difference between the actual investment return and the expected investment return during each of the last eight years or, if fewer, the completed years since adoption, at the following rates per year (annual recognition):

| Annual Gain/Loss |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| Rate of Return | Smoothing Period | Annual Recognition | Rate of Return | Smoothing Period | Annual Recognition |
| $15 \%$ and up | 8 years | $12.50 \%$ | $6-7 \%$ | 2 years | $50.00 \%$ |
| $14-15 \%$ | 7 years | $14.29 \%$ | $5-6 \%$ | 3 years | $33.33 \%$ |
| $13-14 \%$ | 6 years | $16.67 \%$ | $4-5 \%$ | 4 years | $25.00 \%$ |
| $12-13 \%$ | 5 years | $20.00 \%$ | $3-4 \%$ | 5 years | $20.00 \%$ |
| $11-12 \%$ | 4 years | 3 years | $25.00 \%$ | $2-3 \%$ | 6 years |
| $10-11 \%$ | 2 years | 1 year | $100.00 \%$ | $1-2 \%$ | 7 years |
| $9-10 \%$ | $7-9 \%$ |  |  |  | 8 years |


| PSERS Plan 2 | LEOFF Plan 1 | LEOFF Plan 2 | WSPRS Plan 1/2 | Judicial | Judges |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6/30/2011 | 6/30/2011 | 6/30/2011 | 6/30/2011 | 6/30/2011 | 6/30/2011 |
| aggregate ${ }^{2}$ | frozen initial liability ${ }^{1}$ | aggregate ${ }^{2}$ | aggregate ${ }^{2}$ | entry age ${ }^{3}$ | entry age ${ }^{3}$ |
| N/A | level \% ${ }^{4}$ | N/A | N/A | N/A | N/A |
| N/A | level \$ | N/A | N/A | level \$ | level \$ |
| open plan | 13.00 | open plan | open plan | 5-year rolling | 5-year rolling |
| N/A | 6/30/2024 | N/A | N/A | N/A | N/A |
| 8-year graded smoothed fair value ${ }^{5}$ | 8-year graded smoothed fair value ${ }^{5}$ | 8-year graded smoothed fair value ${ }^{5}$ | 8-year graded smoothed fair value ${ }^{5}$ | market | market |
| 7.90\% | 7.90\% | 7.50\% | 7.90\% | 4.00\% | 4.00\% |
| 6.1\% | 11.0\% | 11.0\% | 7.1\% | 0.0\% | 0.0\% |
| $17 \mathrm{yrs}$. | 21 yrs. | 21 yrs. | 26 yrs. | N/A | N/A |
| 3.00\% | 3.00\% | 3.00\% | 3.00\% | 3.00\% | 3.00\% |
| CPI increase maximum 3\% | CPI increase | CPI increase maximum 3\% | CPI increase maximum 3\% | CPI increase maximum 3\% | none |

${ }^{6}$ The PERS 1 and TRS 1 COLA
Qualifying retirees receive an increase in their monthly benefit once a year. The COLA on minimum benefit levels is calculated as the last unrounded minimum COLA amount increased by $3 \%$, rounded to the nearest penny. These are some historical monthly COLA amounts per year of service:

| Date | COLA Type |  | Amount |
| ---: | ---: | ---: | ---: |
| 7/1/2002 |  | Uniform |  |
| $7 / 1 / 2003$ |  | Uniform |  |
| $7 / 14$ |  |  |  |
| $7 / 1 / 2004$ |  | Uniform |  |
| $7 / 1 / 2005$ |  | $\$ 1.21$ |  |
| $7 / 1 / 2006$ |  | Uniform | $\$ 1.25$ |
| $7 / 1 / 2007$ |  | Uniform | $\$ 1.29$ |
| $7 / 1 / 2008$ |  | Uniform | $\$ 1.33$ |
| $7 / 1 / 2009$ |  | Uniform | $\$ 1.73$ |
| $7 / 1 / 2010$ |  | Uniform | $\$ 1.83$ |
| $7 / 1 / 2011$ |  | Minimum | $\$ 1.88$ |
| $7 / 1 / 2012$ | Minimum | $\$ 1.94$ |  |
|  |  | $\$ 2.00$ |  |

${ }^{7}$ The Legislature prescribes the assumed rate of investment return for all plans, except Judicial and Judges.

## E. Judicial Retirement Account

The Judicial Retirement Account (JRA) was established by the Legislature in 1988 to provide supplemental retirement benefits. It is a defined contribution plan administered by the state of Washington Administrative Office of the Courts, under the direction of the Board for Judicial Administration. Membership includes judges elected or appointed to the Supreme Court, Court of Appeals, and Superior Courts, and who are members of the PERS for their services as a judge. Vesting is full and immediate. At June 30, 2012, there were 9 active members and 170 inactive members in JRA. There are three participating employers in JRA.

From January 1, 2007 through December 31, 2007 any judicial members of the Public Employees' Retirement System (PERS) and the Teachers' Retirement System (TRS) eligible to participate in JRA were able to make a one-time irrevocable election to discontinue future contributions to JRA, in lieu of prospective contributions to the Judicial Benefit Multiplier Program (JBM). Beginning January 1, 2007 any newly elected or appointed Supreme Court Justice, Court of Appeals Judge or Superior Court Judge could no longer participate in JRA and would be enrolled in the JBM Program enacted in 2006.

JRA plan members are required to contribute two and one-half percent of covered salary. The state, as employer, contributes an equal amount on a monthly basis. The employer and employee obligations to contribute are established per chapter 2.14 RCW. Plan provisions and contribution requirements are established in state statute and may be amended only by the state Legislature.

A JRA member who separates from judicial service for any reason is entitled to receive a lump-sum distribution of the accumulated contributions. The administrator of JRA may adopt rules establishing other payment options. If a member dies, the amount of accumulated contributions standing to the member's credit at the time of the member's death is to be paid to the member's estate, or such person or persons, trust or organization as the member has nominated by written designation.

The Administrator of JRA has entered into an agreement with DRS for accounting and reporting services, and with the Washington State Investment Board (WSIB) for investment services. Under this agreement, DRS is responsible for all record keeping, accounting, and reporting of member accounts and the WSIB is granted the full power to establish investment policy, develop participant investment options and manage the investment funds for the JRA plan, consistent with the provisions of RCW 2.14.080 and 43.84.150.

## F. Employer Contributions Required and Paid

The following table presents DRS' required contributions, as an employer, to cost-sharing plans in accordance with the funding policy. All contributions required by the funding method were paid.

|  |  | 2012 |  | 2011 |  | 2010 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (expressed in thousands) |  |  |  |  |  |  |
| PERS Plan 1 | \$ | 28.5 | \$ | 48.4 | \$ | 66.7 |
| PERS Plan 2/3 |  | 858.3 |  | 614.8 |  | 632.3 |
| Total | \$ | 886.8 | \$ | 663.2 | \$ | 699.0 |

## G. Deferred Compensation Plan

The state of Washington offers its employees and employees of those political subdivisions that elect to participate, a deferred compensation program (DCP) pursuant to RCW 41.50.770, in accordance with Internal Revenue Code Section 457. The deferred compensation is not available to employees until termination, retirement, disability, death or unforeseeable financial emergency. This deferred compensation plan is administered by DRS.

The intent of the program is to provide additional income to participants upon retirement. By deferring part of their income, participants can reduce their taxable income each year. The investments made each month grow tax-free until they are withdrawn. The program provides participants with a means to easily save money and help supplement their other retirement income.

Employees participating in DCP self-direct the investment of the deferred portion of their income through the selection of investment options. These options are provided by the WSIB after consultation with the Director of DRS. The WSIB has the full power to invest moneys in DCP in accordance with RCW 43.84.150, 43.33A.140, and 41.50 .770 . Pursuant to RCW 41.50.770, no state board, commission, agency, or any officer, employee or member thereof is liable for any loss or deficiency resulting from participant investments selected, or from reasonable efforts to implement investment directions.

The program offers two investment options.

- The One-Step Investing option is designed for those who do not have the desire, comfort level and/or time to select, monitor and rebalance, as needed, their own allocation mix of funds. Each Retirement Strategy Fund is diversified and automatically rebalances, adjusting the participant's allocation mix as the participant moves toward a retirement date. The funds in this option include:
- 2000 Retirement Strategy
- 2005 Retirement Strategy
- 2010 Retirement Strategy
- 2015 Retirement Strategy
- 2020 Retirement Strategy
- 2025 Retirement Strategy
- 2030 Retirement Strategy
- 2035 Retirement Strategy
- 2040 Retirement Strategy
- 2045 Retirement Strategy
- 2050 Retirement Strategy
- 2055 Retirement Strategy
- The Build and Monitor option requires the participant to:
- Select fund(s) from any or all of the following seven professionally managed funds:
- Emerging Market Equity Index Fund
- Global Equity Index Fund
- Savings Pool
- Socially Responsible Balanced Fund
- U.S. Large Cap Equity Index Fund
- U.S. Small Cap Value Equity Index Fund
- Washington State Bond Fund
- Monitor account activity
- Rebalance the allocation mix as necessary to maintain the desired investment objectives

DCP participants may adjust or suspend their participation in the program at any time. Upon separation from employment, DCP participants have the option of withdrawing some or all of the balance in their account or leaving their balance in place to continue to benefit from market fluctuations.

The IRS requires a DCP participant to start receiving mandatory account distributions at retirement, or by April of the year after the participant turns $701 / 2$ years old, whichever comes later.

All amounts of compensation deferred under the plan, all property and rights purchased with those amounts, and all income attributable to those amounts, are held in trust by the Washington State Investment Board (WSIB), as set forth under RCW 43.33A.030, for the exclusive benefit of the DCP participants and their beneficiaries. Neither the participant, nor the participant's beneficiary or beneficiaries, nor any other designee, has any right to commute, sell, assign, transfer, or otherwise convey the right to receive any payments under the plan. These payments and rights thereto are non-assignable and non-transferable.

## Required Supplementary Information

Schedule of Funding Progress: PERS Plan 1

|  | (dollars in millions) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
|  | $6 / 30 / 11$ | $6 / 30 / 10$ | $6 / 30 / 09$ | $6 / 30 / 08$ | $6 / 30 / 07$ | $9 / 30 / 06$ |
| Actuarial Valuation Date | $\$ 8,883$ | $\$ 9,293$ | $\$ 9,776$ | $\$ 9,853$ | $\$ 9,715$ | $\$ 9,591$ |
| Actuarial Value of Plan Assets | $\$ 12,571$ | $\$ 12,538$ | $\$ 13,984$ | $\$ 13,901$ | $\$ 13,740$ | $\$ 13,129$ |
| Actuarial Accrued Liability | $\$ 3,688$ | $\$ 3,245$ | $\$ 4,209$ | $\$ 4,048$ | $\$ 4,025$ | $\$ 3,538$ |
| Unfunded Actuarial Liability | $71 \%$ | $74 \%$ | $70 \%$ | $71 \%$ | $71 \%$ | $73 \%$ |
| Funded Ratio | $\$ 432$ | $\$ 507$ | $\$ 580$ | $\$ 638$ | $\$ 676$ | $\$ 725$ |
| Covered Payroll | $854 \%$ | $640 \%$ | $725 \%$ | $634 \%$ | $595 \%$ | $488 \%$ |
| Unfunded Actuarial Liability as a Percentage of |  |  |  |  |  |  |
| Covered Payroll |  |  |  |  |  |  |
| Source: Washington State Office of the State Actuary |  |  |  |  |  |  |

Schedule of Funding Progress: PERS Plan 2/3

|  | (dollars in millions) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
|  | $6 / 30 / 11$ | $6 / 30 / 10$ | $6 / 30 / 09$ | $6 / 30 / 08$ | $6 / 30 / 07$ | $9 / 30 / 06$ |
| Actuarial Valuation Date | $\$ 20,997$ | $\$ 19,474$ | $\$ 18,260$ | $\$ 16,693$ | $\$ 14,888$ | $\$ 13,529$ |
| Actuarial Value of Plan Assets | $\$ 21,627$ | $\$ 20,029$ | $\$ 18,398$ | $\$ 16,508$ | $\$ 14,661$ | $\$ 12,770$ |
| Actuarial Accrued Liability | $\$ 630$ | $\$ 555$ | $\$ 137$ | $\$(185)$ | $\$(227)$ | $\$(759)$ |
| Unfunded Actuarial Liability | $97 \%$ | $97 \%$ | $99 \%$ | $101 \%$ | $102 \%$ | $106 \%$ |
| Funded Ratio | $\$ 8,148$ | $\$ 8,206$ | $\$ 8,132$ | $\$ 7,869$ | $\$ 7,157$ | $\$ 6,771$ |
| Covered Payroll | $8 \%$ | $7 \%$ | $2 \%$ | $(2) \%$ | $(3) \%$ | $(11) \%$ |

Source: Washington State Office of the State Actuary
Schedule of Funding Progress: SERS Plan 2/3

|  | (dollars in millions) |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: | :---: |

Source: Washington State Office of the State Actuary

Schedule of Funding Progress: PSERS Plan 2

| (dollars in millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 |
| Actuarial Valuation Date | 6/30/11 | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 | 9/30/06 |
| Actuarial Value of Plan Assets | \$141 | \$103 | \$69 | \$39 | \$14 | * |
| Actuarial Accrued Liability | \$126 | \$94 | \$64 | \$37 | \$19 | * |
| Unfunded Actuarial Liability | \$(14) | \$(9) | \$(5) | \$(2) | \$6 | * |
| Funded Ratio | 111\% | 109\% | 108\% | 106\% | 71\% | * |
| Covered Payroll | \$233 | \$227 | \$223 | \$200 | \$134 | * |
| Unfunded Actuarial Liability as a Percentage of Covered Payroll | (6)\% | (4)\% | (2)\% | (1)\% | 4\% | * |
| *Data not available |  |  |  |  |  |  |
| Source: Washington State Office of the State Actuary |  |  |  |  |  |  |

Schedule of Funding Progress: TRS Plan 1

|  | (dollars in millions) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
|  | $6 / 30 / 11$ | $6 / 30 / 10$ | $6 / 30 / 09$ | $6 / 30 / 08$ | $6 / 30 / 07$ | $9 / 30 / 06$ |
| Actuarial Valuation Date | $\$ 7,485$ | $\$ 7,791$ | $\$ 8,146$ | $\$ 8,262$ | $\$ 8,302$ | $\$ 8,275$ |
| Actuarial Value of Plan Assets | $\$ 9,232$ | $\$ 9,201$ | $\$ 10,820$ | $\$ 10,754$ | $\$ 10,826$ | $\$ 10,359$ |
| Actuarial Accrued Liability | $\$ 1,747$ | $\$ 1,410$ | $\$ 2,674$ | $\$ 2,492$ | $\$ 2,524$ | $\$ 2,084$ |
| Unfunded Actuarial Liability | $81 \%$ | $85 \%$ | $75 \%$ | $77 \%$ | $77 \%$ | $80 \%$ |
| Funded Ratio | $\$ 284$ | $\$ 344$ | $\$ 389$ | $\$ 432$ | $\$ 426$ | $\$ 478$ |
| Covered Payroll | $615 \%$ | $410 \%$ | $688 \%$ | $576 \%$ | $592 \%$ | $436 \%$ |

Source: Washington State Office of the State Actuary

## Schedule of Funding Progress: TRS Plan 2/3

| (dollars in millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 |
| Actuarial Valuation Date | 6/30/11 | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 | 9/30/06 |
| Actuarial Value of Plan Assets | \$7,141 | \$6,593 | \$6,160 | \$5,681 | \$5,277 | \$4,835 |
| Actuarial Accrued Liability | \$7,194 | \$6,558 | \$6,048 | \$5,264 | \$4,682 | \$4,030 |
| Unfunded Actuarial Liability | \$53 | \$(36) | \$(112) | \$(417) | \$(594) | \$(806) |
| Funded Ratio | 99\% | 101\% | 102\% | 108\% | 113\% | 120\% |
| Covered Payroll | \$4,085 | \$3,966 | \$3,957 | \$3,621 | \$3,318 | \$3,225 |
| Unfunded Actuarial Liability as a Percentage of Covered Payroll | 1\% | (1)\% | (3)\% | (12)\% | (18)\% | (25)\% |

Source: Washington State Office of the State Actuary

Schedule of Funding Progress: LEOFF Plan 1

|  | (dollars in millions) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
|  | $6 / 30 / 11$ | $6 / 30 / 10$ | $6 / 30 / 09$ | $6 / 30 / 08$ | $6 / 30 / 07$ | $9 / 30 / 06$ |
| Actuarial Valuation Date | $\$ 5,565$ | $\$ 5,561$ | $\$ 5,612$ | $\$ 5,592$ | $\$ 5,298$ | $\$ 5,018$ |
| Actuarial Value of Plan Assets | $\$ 4,145$ | $\$ 4,393$ | $\$ 4,492$ | $\$ 4,368$ | $\$ 4,340$ | $\$ 4,309$ |
| Actuarial Accrued Liability | $\$(1,421)$ | $\$(1,168)$ | $\$(1,120)$ | $\$(1,225)$ | $\$(958)$ | $\$(709)$ |
| Unfunded Actuarial Liability | $134 \%$ | $127 \%$ | $125 \%$ | $128 \%$ | $122 \%$ | $116 \%$ |
| Funded Ratio | $\$ 25$ | $\$ 29$ | $\$ 33$ | $\$ 37$ | $\$ 43$ | $\$ 48$ |
| Covered Payroll | $(5,794) \%$ | $(4,012) \%$ | $(3,360) \%$ | $(3,303) \%$ | $(2,243) \%$ | $(1,475) \%$ |

## Schedule of Funding Progress: LEOFF Plan 2

| (dollars in millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 |
| Actuarial Valuation Date | 6/30/11 | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 | 9/30/06 |
| Actuarial Value of Plan Assets | \$6,621 | \$6,043 | \$5,564 | \$5,053 | \$4,360 | \$3,844 |
| Actuarial Accrued Liability | \$5,941 | \$5,164 | \$4,641 | \$3,998 | \$3,626 | \$3,486 |
| Unfunded Actuarial Liability | \$(679) | \$(879) | \$(923) | \$(1,054) | \$(734) | \$(358) |
| Funded Ratio | 111\% | 117\% | 120\% | 126\% | 120\% | 110\% |
| Covered Payroll | \$1,535 | \$1,490 | \$1,442 | \$1,345 | \$1,234 | \$1,172 |
| Unfunded Actuarial Liability as a Percentage of Covered Payroll | (44)\% | (59)\% | (64)\% | (78)\% | (59)\% | (31)\% |

Source: Washington State Office of the State Actuary
Schedule of Funding Progress: WSPRS Plan 1/2

|  | (dollars in millions) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
|  | $6 / 30 / 11$ | $6 / 30 / 10$ | $6 / 30 / 09$ | $6 / 30 / 08$ | $6 / 30 / 07$ | $9 / 30 / 06$ |
| Actuarial Valuation Date | $\$ 949$ | $\$ 920$ | $\$ 900$ | $\$ 870$ | $\$ 800$ | $\$ 743$ |
| Actuarial Value of Plan Assets | $\$ 859$ | $\$ 812$ | $\$ 790$ | $\$ 745$ | $\$ 702$ | $\$ 671$ |
| Actuarial Accrued Liability | $\$(90)$ | $\$(107)$ | $\$(110)$ | $\$(124)$ | $\$(98)$ | $\$(72)$ |
| Unfunded Actuarial Liability | $110 \%$ | $113 \%$ | $114 \%$ | $117 \%$ | $114 \%$ | $111 \%$ |
| Funded Ratio | $\$ 82$ | $\$ 83$ | $\$ 83$ | $\$ 79$ | $\$ 72$ | $\$ 69$ |
| Covered Payroll | $(111) \%$ | $(130) \%$ | $(133) \%$ | $(158) \%$ | $(136) \%$ | $(105) \%$ |

Source: Washington State Office of the State Actuary

## Schedule of Funding Progress: JRS

|  | (dollars in millions) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
|  | $6 / 30 / 11$ | $6 / 30 / 10$ | $6 / 30 / 09$ | $6 / 30 / 08$ | $6 / 30 / 07$ | $9 / 30 / 06$ |
| Actuarial Valuation Date | $\$ 5$ | $\$ 4$ | $\$ 2$ | $\$ 1$ | $\$ 1$ | $\$-$ |
| Actuarial Value of Plan Assets | $\$ 109$ | $\$ 84$ | $\$ 89$ | $\$ 92$ | $\$ 85$ | $\$ 88$ |
| Actuarial Accrued Liability | $\$ 104$ | $\$ 80$ | $\$ 87$ | $\$ 91$ | $\$ 85$ | $\$ 88$ |
| Unfunded Actuarial Liability | $5 \%$ | $5 \%$ | $2 \%$ | $1 \%$ | $1 \%$ | $0 \%$ |
| Funded Ratio | $\$ 0.5$ | $\$ 0.7$ | $\$ 0.9$ | $\$ 1.3$ | $\$ 1.3$ | $\$ 1.4$ |
| Covered Payroll | $22,574 \%$ | $11,565 \%$ | $9,216 \%$ | $7,141 \%$ | $6,374 \%$ | $6,071 \%$ |
| Unfunded Actuarial Liability as a Percentage of <br> Covered Payroll |  |  |  |  |  |  |
| Source: Washington State Office of the State Actuary |  |  |  |  |  |  |

Schedule of Funding Progress: Judges

| (dollars in millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 |
| Actuarial Valuation Date | 6/30/11 | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 | 9/30/06 |
| Actuarial Value of Plan Assets | \$2.3 | \$2.8 | \$3.3 | \$3.6 | \$4.0 | \$4.1 |
| Actuarial Accrued Liability | \$3.9 | \$3.2 | \$3.4 | \$3.5 | \$3.9 | \$4.0 |
| Unfunded Actuarial Liability | \$1.5 | \$0.4 | \$0.1 | \$(0.1) | \$(0.1) | \$(0.1) |
| Funded Ratio | 61\% | 87\% | 97\% | 104\% | 103\% | 103\% |
| Covered Payroll | \$- | \$- | \$- | \$- | \$- | \$- |
| Unfunded Actuarial Liability as a Percentage of Covered Payroll | n/a | n/a | n/a | n/a | n/a | n/a |

Source: Washington State Office of the State Actuary

Note on PERS Plan 2/3, SERS Plan 2/3, PSERS Plan 2, TRS Plan 2/3, LEOFF Plan 2, and WSPRS Plan 1/2: These plans all use the Aggregate actuarial cost method which does not identify or separately amortize unfunded actuarial accrued liabilities. For this reason, the information about funded status and funding progress shown above for these plans has been prepared using the Entry Age actuarial cost method and is intended to serve as a surrogate for the funded status and funding progress information of these plans, as required by GASB 50 .

Note for all plan schedules: Liability amounts and ratios/percentages are based on actual not rounded figures.

# Schedule of Contributions from Employers and Other Contributing Entities 

The following schedule covers the fiscal years ended 2007-2012.

|  | (dollars in millions) |  |  |  |  |  | Percentage Contributed |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual Required Contribution* |  |  |  |  |  |  |  |  |  |  |  |
|  | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 |
| PERS Plan 1 | \$508.0 | \$439.3 | \$627.8 | \$620.2 | \$453.1 | \$397.3 | 51\% | 33\% | 25\% | 52\% | 49\% | 30\% |
| PERS Plan $2 / 3$ | 407.7 | 408.6 | 383.1 | 369.7 | 363.3 | 331.3 | 94\% | 80\% | 85\% | 119\% | 88\% | 73\% |
| SERS Plan $2 / 3$ | 85.2 | 88.6 | 82.3 | 71.5 | 75.8 | 71.5 | 88\% | 70\% | 75\% | 89\% | 69\% | 64\% |
| PSERS Plan 2 | 14.7 | 14.7 | 14.8 | 14.3 | 12.4 | 7.1 | 104\% | 106\% | 103\% | 101\% | 94\% | 93\% |
| TRS Plan 1 | 254.0 | 205.9 | 406.1 | 391.0 | 294.7 | 249.8 | 44\% | 47\% | 28\% | 46\% | 38\% | 24\% |
| TRS Plan 2/3 | 232.2 | 232.3 | 221.1 | 186.9 | 208.9 | 167.7 | 92\% | 72\% | 75\% | 86\% | 52\% | 61\% |
| LEOFF Plan 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | n/a | n/a | n/a | n/a | n/a | n/a |
| LEOFF Plan 2 | 97.3 | 84.0 | 112.2 | 105.3 | 102.1 | 94.9 | 137\% | 157\% | 114\% | 122\% | 117\% | 101\% |
| WSPRS Plan 1/2 | 2.9 | 2.3 | 6.6 | 5.0 | 6.8 | 5.3 | 224\% | 228\% | 80\% | 127\% | 89\% | 62\% |
| JRS | 22.6 | 18.6 | 20.4 | 21.2 | 26.6 | 37.3 | 36\% | 59\% | 57\% | 49\% | 36\% | 26\% |
| Judges | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | n/a | n/a | n/a | n/a | n/a | n/a |

*The Annual Required Contribution (ARC) changes each year with the experience of the plans. Factors influencing the experience include changes in funding methods, assumptions, plan provisions, and economic and demographic experience gains and losses. The methods used to derive the ARC for this accounting disclosure are different from the methods used to derive the actual contributions required by law. These differences include the use of different actuarial valuations (actual contributions may be based on an earlier valuation) and different actuarial cost methods. For these reasons, the actual contributions will not match the Annual Required Contributions. Starting in 2009 , we calculated the ARC for PERS and TRS Plans 1 under the Entry Age Normal Cost method with a rolling 10-year amortization (excluding the temporary rate ceilings). Starting in 2011, the calculation of the ARC reflects the underlying actuarial cost method (excluding minimum contribution rates).

Source: Washington State Office of the State Actuary

## Supporting Schedules

## Schedule of Administrative Expenses

For the Year Ended June 30, 2012

| (expressed in thousands) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Retirement Pension Trust Funds |  | Deferred Compensation Pension Trust Fund |  | Totals |  |  |  |
|  |  |  | June 30, 2012 | June 30, 2011 |  |
| Current |  |  |  |  |  |  |  |  |
| Personnel: |  |  |  |  |  |  |  |  |  |  |
| Salaries and Wages | \$ | 11,201 | \$ | 919 | \$ | 12,120 | \$ | 12,246 |
| Employee Benefits |  | 3,803 |  | 327 |  | 4,130 |  | 4,192 |
| Personal Service Contracts |  | 1,451 |  | - |  | 1,451 |  | 1,528 |
| Total Personnel Expenses |  | 16,455 |  | 1,246 |  | 17,701 |  | 17,966 |
| Goods and Services: |  |  |  |  |  |  |  |  |
| Supplies and Materials |  | 50 |  | 8 |  | 58 |  | 61 |
| Communications |  | 564 |  | 29 |  | 593 |  | 488 |
| Utilities |  | 131 |  | 9 |  | 140 |  | 144 |
| Rental and Leases |  | 1,484 |  | 99 |  | 1,583 |  | 1,593 |
| Repairs and Alterations |  | 157 |  | 10 |  | 167 |  | 202 |
| Printing and Reproduction |  | 230 |  | 26 |  | 256 |  | 286 |
| Employee Professional Development and Training |  | 123 |  | 3 |  | 126 |  | 84 |
| Subscriptions |  | 31 |  | - |  | 31 |  | 9 |
| Facilities and Services |  | 362 |  | 17 |  | 379 |  | 394 |
| Data Processing Services |  | 1,962 |  | 29 |  | 1,991 |  | 1,551 |
| Attorney General Services |  | 45 |  | 8 |  | 53 |  | 70 |
| Personnel Services |  | 35 |  | 2 |  | 37 |  | 38 |
| Medical Consultant Services |  | 93 |  | - |  | 93 |  | 66 |
| Insurance |  | 5 |  | - |  | 5 |  | 15 |
| Other Contractual Services |  | 680 |  | 6 |  | 686 |  | 471 |
| Vehicle Maintenance |  | - |  | - |  | - |  | 2 |
| Actuary Services |  | 1,579 |  | - |  | 1,579 |  | 1,522 |
| LEOFF 2 Board Governance |  | 822 |  | - |  | 822 |  | 876 |
| Pension Funding Council Services |  | - |  | - |  | - |  | 84 |
| Audit Services |  | 83 |  | 6 |  | 89 |  | 82 |
| Archives and Records Management |  | 41 |  | 3 |  | 44 |  | 43 |
| Legal Fees |  | 1,955 |  | - |  | 1,955 |  | 1,391 |
| Bad Debts Expense |  | 74 |  | - |  | 74 |  | 208 |
| Collections |  | 115 |  | - |  | 115 |  | 79 |
| Office of Minority and Women's Business Enterprises Services |  | 1 |  | - |  | 1 |  | 1 |
| Other Goods and Services |  | 22 |  | 1 |  | 23 |  | 95 |
| Total Goods and Services |  | 10,644 |  | 256 |  | 10,900 |  | 9,855 |
| Miscellaneous Expenses: |  |  |  |  |  |  |  |  |
| Travel |  | 69 |  | 38 |  | 107 |  | 67 |
| Noncapitalized Equipment |  | 133 |  | 41 |  | 174 |  | 75 |
| Total Miscellaneous Expenses |  | 202 |  | 79 |  | 281 |  | 142 |
| Total Current Expenses |  | 27,301 |  | 1,581 |  | 28,882 |  | 27,963 |
| Capital Outlays: |  |  |  |  |  |  |  |  |
| Furnishings, Equipment and Software |  | 729 |  | 11 |  | 740 |  | 479 |
| Improvements Other than Buildings |  | 26 |  | 2 |  | 28 |  | - |
| Total Capital Outlays |  | 755 |  | 13 |  | 768 |  | 479 |
| Depreciation and Loss - Capital Assets |  | 185 |  | - |  | 185 |  | 165 |
| Total Administrative Expenses | \$ | 28,241 | \$ | 1,594 | \$ | 29,835 | \$ | 28,607 |

## Schedule of Investment Expenses

Pension Trust Funds
For the Year Ended June 30, 2012
(expressed in thousands)

| Equity Securities | Fees Paid |  | Netted Fees* |  | Total Fees and Expenses |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Public Equity - Emerging Markets | \$ | 10,912 | \$ | 7,375 |  | \$ 18,287 |
| Active Equity - Global |  | 25,025 |  | 29 |  | 25,054 |
| Passive Equity - Global |  | 854 |  | - |  | 854 |
| Alternative Investments |  |  |  |  |  |  |
| Private Equity |  | 167,489 |  | 16,279 |  | 183,768 |
| Real Estate |  | 34,200 |  | 4,972 |  | 39,172 |
| Tangible Assets |  | 7,921 |  | 1,987 |  | 9,908 |
| Cash Management |  | 3,129 |  | - |  | 3,129 |
| Securities Lending |  | $(2,961)$ |  | - |  | $(2,961)$ |
| Other Fees: |  |  |  |  |  |  |
| Consultants and Accounting |  | 1,124 |  | - |  | 1,124 |
| DCP Management Fees |  | 3,690 |  | - |  | 3,690 |
| JRA Management Fees |  | 16 |  | - |  | 16 |
| Legal Fees |  | 350 |  | - |  | 350 |
| PERS Plan 3 - SELF Management Fees |  | 775 |  | - |  | 775 |
| Research Services |  | 1,941 |  | - |  | 1,941 |
| SERS Plan 3 - Management Fees |  | 357 |  | - |  | 357 |
| TRS Plan 3 - Management Fees |  | 2,154 |  | - |  | 2,154 |
| WSIB Operating Costs |  | 9,356 |  | - |  | 9,356 |
| Miscellaneous Fees |  | 380 |  | - |  | 380 |
| Total Investment Expenses | \$ | 266,712 | \$ | 30,642 |  | \$ 297,354 |

*Netted fees are included in unrealized gains (losses) in the accompanying financial statements.

# Schedule of Payments to Consultants 

For the Year Ended June 30, 2012

| (expressed in thousands) |  |  |
| :---: | :---: | :---: |
|  | Commissions/Fees |  |
| Computer/Technology |  |  |
| Aetea Information Technology | \$ | 175 |
| Martin Analysis and Programming, Inc. |  | 290 |
| Milestone Technology |  | 37 |
| S.L. Robinson \& Associates, Inc. |  | 10 |
| Total Computer/Technology |  | 512 |
| Legal |  |  |
| Buell Realtime Reporting, LLC |  | 2 |
| Danielson Harrigan Leyh \& Tollefson, LLP |  | 483 |
| Foster Pepper, PLLC |  | 77 |
| Ice Miller, LLP |  | 42 |
| Total Legal |  | 604 |
| Management |  |  |
| Actuarial Consulting Group, Inc. |  | 46 |
| Cheiron, Inc. |  | 34 |
| CEM Benchmarking, Inc. |  | 35 |
| International Projects Consultancy Services, Inc. |  | 25 |
| Kelly Services, Inc. |  | 91 |
| Mass Ingenuity |  | 28 |
| Peterson Sullivan, LLP |  | 58 |
| Solutions@Work |  | 34 |
| Total Management |  | 351 |
| Recordkeeping |  |  |
| ICMA Retirement Corporation |  | 1,315 |
| Total Recordkeeping |  | 1,315 |
| Total Payments to Consultants | \$ | 2,782 |

For fees paid to investment professionals, refer to the Investment section of this report.

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## Investment Section



## Report on Investment Activity

## Prepared by the Washington State Investment Board

## Overview

The Washington State Investment Board (WSIB) manages retirement fund assets to maximize return at a prudent level of risk (Chapter 43.33A. 110 RCW). Investment decisions are made within the framework of a Strategic Asset Allocation Policy, and a series of written WSIB-adopted investment policies for the various asset classes in which WSIB invests.

The Retirement Funds, collectively called the Commingled Trust Fund (CTF), decreased in value by $\$ 501$ million during fiscal 2012 to $\$ 61.8$ billion. The CTF return was $1.4 \%$ for the fiscal year.

Established on July 1, 1992, the CTF is a diversified pool of investments that invests in fixed income, public equity, private equity, real estate and tangible assets. Additional general information about the CTF includes:

- Participant Concentration - The DRS Retirement Funds make up $99.8 \%$ of the CTF. Their respective concentrations are:
- PERS 1 ( $11.9 \%$ )
- PERS 2/3 DB and DC plans (35.0\%)
- SERS $2 / 3$ DB and DC plans (6.1\%)
- PSERS 2 (0.3\%)
- TRS 1 (10.0\%)
- TRS 2/3 DB and DC plans (16.4\%)
- WSPRS 1/2 (1.5\%)
- LEOFF 1 (7.9\%)
- LEOFF 2 (10.7\%)
- Judicial (0.0\%)
- External Managers - The WSIB engages approximately 140 partnerships and external managers to assist in the management of the CTF's investments.
- Risk - The various risks of the CTF porffolio include interest rate risk, credit risk, concentration risk, and foreign currency risk, as described in Note 1 of the Financial Section of this report. The WSIB has not created a total fund risk profile for the CTF.
- Leverage - The WSIB does not leverage the CTF poriffolio as a whole. Individual securities within the CTF do have leverage; however, the WSIB does not capture this information on a total basis.
- Earnings - The CTF does not distribute earnings directly to the owner funds. The Retirement Fund plans are allowed to purchase or sell units in the pool, based on the fair value of the underlying assets, on the first business day of each month. The net asset value includes interest and dividend income which is recognized on a trade date basis, and purchases and sales of investments which are recorded on a trade date basis.
- Expense - The CTF's expense ratio for the year ended March 31, 2012 was $0.5337 \%$.
- Yield - The CTF's fixed income portfolio has a yield of $3.23 \%$.
- Weighted Average Maturity - The CTF fixed income portfolio has a weighted average maturity of 6.49 years. Additional maturity information is available in Note 1 of the Financial Section of this report.


## Basis of Presentation of Investment Data

Investments are reported at fair value. Unrealized gains and losses are included as investment income.

The net assets of the Retirement Funds are valued on a monthly basis using the following sources:

Publicly Traded Securities (Corporate stock, Commingled Funds investment derivatives, and Fixed Income): Fair values are based on published market prices, quotations from national security exchanges,
and security pricing services as of each month-end closing of the New York Stock Exchange.

Limited Partnerships: The fair value of investments that are organized as limited partnerships and have no readily ascertainable fair value (such as private equity, real estate, and tangible assets) has been determined by management based on the individual investment's capital account balance, reported at fair value by the general partner, at the closest available reporting period, adjusted for subsequent contributions, distributions, management fees, and changes in value of foreign currency and published market prices for certain securities. The limited partnership's annual financial statements are audited by independent auditors.

Private Equity Limited Partnerships: The fair value of individual capital account balances is based on the valuations reported by private equity partnerships using the following methodologies to value the underlying portfolio companies:

- Valuations of publicly traded portfolio companies are based on active exchanges using quoted market prices as of the close of trading for each month-end.
- When a portfolio company investment does not have a readily available market price, but has a return that is determined by reference to an asset for which a market price is readily available, valuations are based on the closing market price of the reference asset on the valuation date, adjusted for factors that affect the fair value of the investment held.
- When the portfolio company investments are private holdings and are not traded on active security exchanges, valuation methodologies used consist primarily of income and market approaches. The income approach involves a discounted cash flow analysis based on portfolio companies' projections. The market approach involves valuing a company at a multiple of a specified financial measure (generally EBITDA) based on multiples at which comparable companies trade.

Real Estate Limited Partnerships: Real estate partnerships provide quarterly valuations, based on the most recent capital account balance, to WSIB management. Individual properties are valued by the partnerships at least annually, and are adjusted as frequently as quarterly if material market or operational changes have occurred. Properties are generally externally valued every one to five years, depending upon the partnership. Structured finance investments receive quarterly value adjustments by the partners, generally applying the assumption that all such positions will be held to maturity. Annual audits of most partnerships include a review of compliance with the partnership's valuation policies.

Interest and dividend income is recognized when earned. Capital gains and losses are recognized on a trade-date basis. Purchases and sales of investments are also recorded on a trade-date basis. The investment results reported for these asset classes in the Investment Section reflect these practices.

## Performance

The chart below shows the returns for the CTF on a total fund basis, as well as by asset class. Appropriate benchmark returns are provided for comparison purposes.

Periods Ending 6/30/2012

|  | $\mathbf{1}$ <br> Year | $\mathbf{3}$ <br> Year | $\mathbf{5}$ <br> Year |
| :--- | ---: | ---: | ---: |
| TOTAL FUND | $\mathbf{1 . 4 0 \%}$ | $\mathbf{1 1 . 6 2 \%}$ | $\mathbf{1 . 1 7 \%}$ |
| Passive benchmark | $(2.11) \%$ | $10.78 \%$ | $0.84 \%$ |
| Fixed Income | $\mathbf{5 . 5 1 \%}$ | $\mathbf{8 . 4 5 \%}$ | $\mathbf{7 . 9 4 \%}$ |
| Barclays Capital Universal Index | $7.36 \%$ | $7.55 \%$ | $6.76 \%$ |
| Tangible | $\mathbf{2 . 1 1 \%}$ | $\mathbf{6 . 2 2 \%}$ | $\mathbf{1 . 7 7 \%}$ |
| CPI (Lagged One Quarter) | $6.64 \%$ | $6.53 \%$ | $6.22 \%$ |
| + 400 bp |  |  |  |
| Real Estate | $\mathbf{8 . 5 7 \%}$ | $\mathbf{6 . 1 0 \%}$ | $\mathbf{( 0 . 4 6 ) \%}$ |
| 8\% Return Over Rolling 10 Years | $13.41 \%$ | $5.96 \%$ | $2.88 \%$ |
| NCREIF Lagged One Quarter |  |  |  |
| (for comparison purposes) | $\mathbf{5 . 7 8 ) \%}$ | $\mathbf{1 1 . 8 9 \%}$ | $\mathbf{( 2 . 5 5 ) \%}$ |
| Public Equity | $(6.64) \%$ | $11.59 \%$ | $(2.16) \%$ |
| Dow Jones Wilshire Global Index | $\mathbf{5 . 2 6 \%}$ | $\mathbf{1 7 . 5 0 \%}$ | $\mathbf{2 . 9 1 \%}$ |
| Private Equity | $10.18 \%$ | $27.26 \%$ | $5.18 \%$ |
| Russell 3000 (Lagged One Quarter) |  |  |  |
| + 300 bp | $\mathbf{9 . 7 9 ) \%}$ | $\mathbf{n} / \mathbf{a}$ | $\mathbf{n} / \mathbf{a}$ |
| Innovation | $(9.48) \%$ | $n / a$ | $n / a$ |
| Custom Benchmark | $\mathbf{0 . 1 4 \%}$ | $\mathbf{0 . 1 6 \%}$ | $\mathbf{1 . 2 1 \%}$ |
| Cash | $0.06 \%$ | $0.12 \%$ | $0.98 \%$ |
| 90 Day T-bills |  |  |  |

Performance information is compiled by the custodian, JP Morgan. Performance numbers are reported net of management fees, and are prepared using a timeweighted rate of return based on the current market value.

## Asset Allocation

Investment performance is a result of two primary factors: individual asset selection and the allocation of the portfolio among asset classes (e.g. stocks, fixed income, real estate). Studies suggest that more than $90 \%$ of investment performance can be explained by asset allocation decision.

Accordingly, the WSIB sets a specific long-term target asset mix and adopts tight ranges around those targets to control the overall risk and return of the CTF. On a daily basis, the WSIB reviews the asset allocation in relation to the established ranges. The staff shifts assets whenever the allocation range for an asset exceeds the approved range or when cash is needed elsewhere. The WSIB reviews changes to the overall asset mix every three to four years.

The chart below shows the CTF's asset allocation as of June 30, 2012, as well as the long-term target allocations.

|  | Current Asset Allocation and Long-Term <br> Target Allocations |  |
| :--- | ---: | ---: |
| Asset Type | Target Allocation | Actual Allocation |
| Fixed Income | $20.54 \%$ | $22.16 \%$ |
| Tangible Assets | $1.35 \%$ | $1.35 \%$ |
| Real Estate | $13.69 \%$ | $13.69 \%$ |
| Public Equity | $36.27 \%$ | $36.02 \%$ |
| Private Equity | $26.02 \%$ | $26.02 \%$ |
| Innovation | $0.57 \%$ | $0.57 \%$ |
| Cash | $1.56 \%$ | $0.19 \%$ |

## Public Equity

The public equity program uses a global benchmark, the Morgan Stanley All Country World with USA Gross Investable Market Index, reflecting the globalization of capital markets. In a world in which American companies like Coca-Cola get most of its revenue from overseas and many so-called foreign companies serve mainly the U.S., distinctions between "U.S. stocks"
and "international stocks" have become increasingly blurred. The WSIB believes that the future success of the program depends on investment managers finding the most attractive opportunities wherever they are in the world.

Because U.S. equity markets are generally efficient and international equity markets are increasingly efficient, most of the WSIB's public equity investments are in low-cost, broad-based passive index funds. We employ both passive U.S. equity and passive international equity in order to maintain policy weights in both areas. All the global equity mandates in which investment firms can pick the most attractive stocks wherever they are in the world (U.S. or international), and all the emerging markets equity mandates are actively managed.

| Retirement Funds' Ten Largest Public Equity Holdings <br> As of $\mathbf{6 / 3 0 / 2 0 1 2}$ |  |  |  |
| :--- | :---: | :---: | :---: |
| Apple Inc. $1.55 \%$ Pfizer Inc. $0.64 \%$ <br> Exxon Mobil Corp. $1.10 \%$ IBM Corp. $0.63 \%$ <br> Philip Morris    <br> International Inc. $0.69 \%$ Wells Fargo $0.61 \%$ <br> Johnson \& Johnson. $0.68 \%$ Novartis AG $0.61 \%$ <br> Nestle SA $0.65 \%$ Microsoft Corp. $0.58 \%$ |  |  |  |

Retirement Funds' Ten Largest Public Equity Exposures by Country As of 6/30/2012

|  |  |  |  |
| :--- | ---: | :--- | :--- |
| United States | $47.91 \%$ | Switzerland | $3.19 \%$ |
| United Kingdom | $9.09 \%$ | Germany | $2.95 \%$ |
| Japan | $7.15 \%$ | Brazil | $2.37 \%$ |
| Canada | $3.76 \%$ | Australia | $2.32 \%$ |
| France | $3.67 \%$ | China | $1.97 \%$ |

## U.S. Equity

The U.S. Equity porffolio is structured to capture the returns of the broad U.S. equity market as measured by the Dow Jones Total Stock Market Index (TSMI). The index is comprised of all U.S. domiciled common equities for which pricing information is readily available, and currently represents approximately 5,000 companies. The porffolio is managed externally using a passive management strategy that tracks the index.

## Non-U.S Equity

The non-U.S. equity porifolio is benchmarked to a broad non-U.S. equity benchmark, currently the MSCl All Country World ex U.S. Investable Market Index. Approximately $43 \%$ of the Public equity porffolio is invested in non-U.S. markets, $74 \%$ of which is invested in developed markets with the remaining portion invested in the emerging markets. Porifolios are managed by external managers employing primarily a passive approach in developed markets and solely active strategies in emerging markets.

## Global Equity

The global equity portfolio is benchmarked to a broad global equity benchmark, currently the Dow Jones Global Total Stock Market Index. Approximately 25\% of the Public equity porifolio is invested in global equity strategies, which includes U.S. and non-U.S. markets. These strategies are managed by external managers employing active strategies.

## Fixed Income

The Fixed Income porffolio is internally managed by WSIB staff with Barclays Capital Universal Index as the performance benchmark. The management strategy is primarily one of sector selection. The porffolio is structured to be over-or-under-weighted relative to the benchmark's sectors: primarily treasuries, agencies, credit, mortgage backed securities and asset backed securities. The duration of the poriffolio is slightly shorter than that of the Barclays Capital Universal Index.

Retirement Funds' Fixed Income Sector Distribution As of 6/30/2012

| Investment Type | WSIB Fixed <br> Income | Barclays Capital <br> Universal Index |
| :--- | ---: | ---: |
| Treasury Inflation Protected Securities (TIPS) | $0.00 \%$ | $0.00 \%$ |
| U.S. Treasury | $25.95 \%$ | $31.15 \%$ |
| U.S. Credit | $57.74 \%$ | $35.79 \%$ |
| U.S. Agency | $0.00 \%$ | $4.51 \%$ |
| Pass Through Mortgages | $6.77 \%$ | $26.54 \%$ |
| Commercial Mtge. Backed Securities (CMBS) | $1.85 \%$ | $1.79 \%$ |
| Collateralized Mortgage Obligations (CMO) | $5.40 \%$ | $0.00 \%$ |
| Asset Backed Securities (ABS) | $0.16 \%$ | $0.22 \%$ |
| Cash | $2.14 \%$ | $0.00 \%$ |

## Private Equity

The private equity porifolio, originated in 1981, is primarily invested in partnerships that acquire or create ongoing businesses or operating companies. The WSIB has investments in all stages of the business life cycle, from private start-up technology companies to large multinational public concerns. These are long-term investments, typically 10 to 12 years in life. They are expected to generate investment returns well in excess of public equity securities.

## Real Estate

The Real Estate porffolio is invested in a diversified group of properties including office buildings, retail facilities, apartments, warehouses and specialty properties. The majority of these investments have been made in partnerships with operating management groups. The WSIB invests in real estate both in the United States and internationally.

## Tangible Assets

The Board added Tangible Assets to its asset allocation in November 2007, and adopted an investment policy for the new assets class in January 2008. The longterm allocation target is $5 \%$, plus or minus $2 \%$, and the benchmark is the Consumer Price Index (CPI) lagged one quarter plus 400 basis points. The categories of investments in this asset class are agriculture, commodities, infrastructure, natural resource rights and timber. As this is a new asset class, the WSIB is still working towards building to its allocated target.

## Portfolio Holdings

A complete list of porffolio holdings is available by contacting:

Washington State Investment Board
2100 Evergreen Park Drive SW
PO Box 40916
Olympia WA 98504-0916
360.956.4600

## Summary of Investment Policies

The Washington State Investment Board (WSIB) has been authorized by statute as having the investment management responsibility for the pension funds. The WSIB manages retirement fund assets to maximize return at a prudent level of risk (RCW 43.33A.110).

## Retirement Fund Asset Allocation

WSIB establishes asset allocation targets that must be considered at all times when making investment decisions. The asset mix may deviate from the target. Deviations greater than predetermined acceptable levels require rebalancing back to the target. When an asset class exceeds its range, the goal of rebalancing will be to meet the target allocation within consideration of the other remaining asset classes.

Retirement funds are invested in the Commingled Trust Funds (CTF). The CTF's performance benchmark objective is to exceed the return of a policy benchmark consisting of public market indices weighted according to asset allocation targets. The asset allocation for the CTF is formally reviewed every three or four years. WSIB reviews the asset allocation in relation to the established ranges periodically.

## Public Markets Equity

The Public Markets equity program seeks to:

- Achieve the highest return possible from active management with passive as the default consistent with prudent risk management and the desire for downside protection;
- Maintain liquidity and transparency in public equity, given WSIB's allocation to illiquid markets and investment structures in other strategies and/or asset classes; and
- Provide diversification to the WSIB's overall investment program.

The public markets equity portion of the Retirement Funds invests in publicly traded equities globally, including equity securities in the U.S., developed nonU.S., and emerging markets. The program has a global benchmark, currently the MSCI All Country World Investable Market Index with U.S. Gross (MSCI ACWI IMI w/ U.S. Gross).

## Fixed Income

The WSIB's fixed income investments are actively managed with the goal of exceeding the return of the Barclays Capital Universal Index over the long term. The major permissible investments include U.S. Treasuries and government agencies, Treasury Inflation Protection Securities (TIPS), mortgage-backed securities, asset-backed securities, and credit bonds, both investment grade in quality and below investment grade.

The portfolio is constrained by policy from investing more than $1 \%$ of the portfolio's par holdings in any single issuer with a quality rating below investment grade, and from having a duration (the sensitivity of the portfolio's market value to changes in the level of interest rates) that is more than $20 \%$ different than the duration of the Universal Index. In addition, the major sector allocations are limited to the following ranges:

| U.S. Treasuries and Government Agencies | $10-45 \%$ |
| :--- | :---: |
| Credit Bonds | $10-60 \%$ |
| Asset-Backed Securities | $0-10 \%$ |
| Commercial Mortgage-Backed Securities | $0-10 \%$ |
| Mortgage-Backed Securities | $5-45 \%$ |

## Private Equity Investing

The WSIB can invest in any appropriate private equity investment opportunity which has the potential for returns superior to traditional investment opportunities and which is not prohibited by the WSIB's policies or by law. As previously indicated, these investment types are divided into venture capital investments, corporate finance (including leveraged, management and employee buyouts), distressed, international and
mezzanine investments. Private equity investments are made through limited partnership vehicles.

To meet the return and plan objectives, the private equity portfolio has diversified investments in companies in a variety of stages of growth. The portfolio also includes a broad cross-section of opportunities in different industries and geographic regions.

## Real Estate Program

The WSIB's real estate program is an externally managed pool of selected partnership investments, intended to provide alternative portfolio characteristics when compared to traditional stock and bond investments. The majority of the WSIB's partnerships invest in institutional-quality real estate assets that are leased to third parties. The combination of income generated from bond-like lease payments, coupled with the hard asset qualities of real estate, combine to generate returns that are expected to fall between the return expectations for fixed income and equities. The real estate portfolio is managed to deliver risk-adjusted returns that are consistent with the Board's long term return expectations for the asset class. The WSIB's real estate partnerships typically invest in private real estate assets that are held for long term income and appreciation. Many of the WSIB's investment partnerships do not involve co-investment with other financial entities, thereby providing the WSIB with control provisions related to liquidation, acquisition and ongoing operational decisions for annual capital expenditures.

Volatility within the real estate portfolio is minimized through a combination of factors. First, the majority of the WSIB's partners own real estate assets in a private investment form which is not subject to public market volatility. Secondly, real estate capital is diversified among a host of partners with varying investment styles. Thirdly, partnership assets are invested in numerous economic regions, including foreign markets, and in various property types. Finally, WSIB partners invest at different points within the properties' capital structure and life cycle.

The WSIB's current benchmark for real estate is an $8 \%$ return over a rolling ten years. The National Council of Real Estate Investment Fiduciaries (NCREIF) property index lagged one quarter is still used for comparison purposes but is no longer the policy benchmark.

## Tangible Assets

The WSIB can invest in any tangible asset investment opportunity demonstrating acceptable risk-adjusted returns provided such opportunities are not prohibited by Board policy or by law. The WSIB will seek to establish a prudent and disciplined approach to achieving a well-diversified portfolio of tangible asset investments targeting appropriate risk-adjusted returns for the asset class. Staff will make best efforts to obtain significant co-investment from their investment partners in order to improve alignment of interests.

Staff will prudently seek to diversify the portfolio cognizant of each partner's strategy and business plan. Investments will not be made solely to achieve product type or geographic diversification.

## Investment Professionals

For the Year Ended June 30, 2012 (page 1 of 2)
The following investment professionals provided service to the Retirement Funds during Fiscal Year 2012:

## PRIVATE EQUITY PARTNERS

| ACCEL PARTNERS | FRAZIER \& CO. |
| :---: | :---: |
| ADVENT INTERNATIONAL | GEOCAPITAL PARTNERS |
| AFFINITY EQUITY PARTNERS | GGV CAPITAL |
| ALTA COMMUNICATIONS | GILLBERT GLOBAL EQUITY PARTNERS |
| AMPERSAND VENTURES | GREAT HILL PARTNERS |
| APAX PARTNERS | GREEN MOUNTAIN PARTNERS |
| APEX INVESTMENT PARTNERS | GRYPHON INVESTORS |
| AUSTIN VENTURES | GTCR |
| AVENUE CAPITAL GROUP | H.I.G. VENTURES |
| BANC FUNDS | HARBOURVEST PARTNERS |
| BATTERY VENTURES | HEALTHCARE VENTURES |
| BC PARTNERS | HELLMAN \& FRIEDMAN |
| BLACKSTONE GROUP | INDIGO CAPITAL PARTNERS |
| BOSTON VENTURES | INSIGHT VENTURE PARTNERS |
| BRIDGEPOINT CAPITAL | INTERSOUTH PARTNERS |
| BUTLER CAPITAL PARTNERS | INTERWEST PARTNERS |
| CANAAN PARTNERS | JLL PARTNERS |
| CAPITAL RESOURCE PARTNERS | JMI EQUITY |
| CDH INVESTMENTS | KOHLBERG KRAVIS ROBERTS \& CO. |
| CHARTERHOUSE CAPITAL PARTNERS | KSL CAPITAL PARTNERS |
| CINVEN LTD. | LENARD GREEN \& PARTNERS |
| CLAYTON DUBILIER \& RICE | M/C VENTURE PARTNERS |
| CODE, HENNESSY \& SIMMONS | MADISON DEARBORN PARTNERS |
| COLLLISON, HOWE AND LENNOX | MATLIN PATTERSON GLOBAL ADVISORS |
| CYPRESS GROUP | menlo ventures |
| DENHAM CAPITAL | MOBIUS VENTURE CAPITAL |
| DOUGHTY HANSON \& CO. | MORGAN STANLEY VENTURE PARTNERS |
| EDGEWATER FUNDS | NEW ENTERPRISE ASSOCIATES |
| EL DORADO VENTURES | NORDIC CAPITAL |
| ELEVATION PARTNERS | OAK INVESTMENT PARTNERS |
| ENDEAVOUR CAPITAL | OAKTREE CAPITAL MANAGEMENT |
| ESSEX WOODLANDS | OLYMPUS PARTNERS |
| EVERCORE CAPITAL PARTNERS | OVP VENTURE PARTNERS |
| EVERGREEN PACIFIC PARTNERS | PALAMON CAPITAL PARTNERS |
| FIRST RESERVE CORP. | PERMIRA |
| FISHER LYNCH CAPITAL | POLARIS VENTURE PARTNERS |
| FLAGSHIP VENTURES | PRISM VENTURE PARTNERS |
| FORTRESS INVESTMENT GROUP | PROVIDENCE EQUITY PARTNERS |
| FOUNTAIN VEST PARTNERS | RICHLAND VENTURE PARTNERS |
| FRANCISCO PARTNERS | SILVER LAKE PARTNERS |

## Investment Professionals

For the Year Ended June 30, 2012 (page 2 of 2)

| PRIVATE EQUITY PARTNERS (CONT.) | TANGIBLE PARTNERS |
| :---: | :---: |
| SOUTHERN CROSS GROUP | ALINDA |
| SPARK MANAGEMENT PARTNERS | CAMPBELL GROUP |
| SPECTRUM EQUITY INVESTORS | HIGHSTAR |
| SPROUT GROUP | SHERIDAN |
| SWANDER PACE CAPITAL |  |
| TA ASSOCIATES | PUBLIC EQUITY FUND MANAGERS |
| TAllwInd CAPITAL PARTNERS | ABERDEEN ASSET MANAGEMENT PLC |
| TECHNOLOGY CROSSOVER VENTURES | ARROWSTREET CAPITAL, LP |
| THREE ARCH PARTNERS | BLACKROCK INSTITUTIONAL TRUST CO. |
| TPG PARTNERS | CAPITAL GUARDIAN TRUST CO . |
| TRIDENT CAPITAL PARTNERS | DE SHAW INVESTMENT MANAGEMENT |
| TRITON PARTNERS | GRANTHAM, MAYO, VAN OTTERLOO \& CO. LLC |
| U.S. VENTURE PARTNERS | JPMORGAN ASSET MANAGEMENT, INC. |
| UNION SQUARE VENTURES | LAZARD ASSET MANAGEMENT LLC |
| UNITAS CAPITAL | LONGVIEW PARTNERS |
| VANTAGE POINT VENTURE PARTNERS | MONDRIAN INVESTMENT PARTNERS LTD. |
| VARDE PARTNERS | STATE STREET GLOBAL ADVISORS |
| VESTAR CAPITAL PARTNERS | WENTWORTH, HAUSER \& VIOLICH |
| VISION CAPITAL | WILLIAM BLAIR \& CO. |
| VIVO VENTURES |  |
| WARBURG PINCUS | OVERLAY MANAGER |
| WELSH CARSON ANDERSON \& STOWE | STATE STREET GLOBAL ADVISORS |
| WORLDVIEW TECHNOLOGY PARTNERS |  |
|  | OTHER |
| REAL ESTATE PARTNERS | FCS FINANCIAL CONTROL SYSTEMS (CONSULTING AND ACCOUNTING) |
| CHEROKEE | HAMILTON LANE ADVISORS (CONSULTING) |
| CORPORATE PROPERTIES OF THE AMERICAS | J.P. MORGAN (CUSTODIAN, CASH MANAGEMENT, SECURITIES LENDING) |
| EMERGING MARKETS FUND OF FUNDS |  |
| EVERGREEN INVESTMENT ADVISORS |  |
| FILLMORE CAPITAL PARTNERS |  |
| GLOBAL CO-INVESTMENT |  |
| HEMISFERIO SUL |  |
| HOMETOWN AMERICA |  |
| HUDSON ADVISORS |  |
| MORGAN STANLEY |  |
| PACIFIC REALTY |  |
| PBSC HOLDINGS |  |
| PRINCIPAL ENTERPRISE CAPITAL |  |
| TERRAMAR RETAIL CENTERS |  |
| WARBURG PINCUS |  |
| WASHINGTON HOLDINGS |  |

## Schedule of Investment Management Fees and Commissions

For the Year Ended June 30, 2012
(expressed in thousands)

|  | Fees Paid |  | Netted Fees* |  | Total Fees |  | Assets Under Management |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Equity Securities: |  |  |  |  |  |  |  |  |
| Public Equity - Emerging Markets | \$ | 10,912 | \$ | 7,375 | \$ | 18,287 | \$ | 2,428,768 |
| Active Equity - Global |  | 25,025 |  | 29 |  | 25,054 |  | 5,970,747 |
| Passive Equity - Global |  | 854 |  | - |  | 854 |  | 13,934,337 |
| Alternative Investments: |  |  |  |  |  |  |  |  |
| Private Equity |  | 167,489 |  | 16,279 |  | 183,768 |  | 16,047,231 |
| Real Estate |  | 34,200 |  | 4,972 |  | 39,172 |  | 8,573,286 |
| Tangible Assets |  | 7,921 |  | 1,987 |  | 9,908 |  | 830,723 |
| Cash Management |  | 3,129 |  | - |  | 3,129 |  | 1,405,578 |
| Securities Lending |  | $(2,961)$ |  | - |  | $(2,961)$ |  | N/A |
| Other Fees: |  |  |  |  |  |  |  |  |
| Consultants and Accounting |  | 1,124 |  | - |  | 1,124 |  | N/A |
| DCP Management Fees |  | 3,690 |  | - |  | 3,690 |  | N/A |
| JRA Management Fees |  | 16 |  | - |  | 16 |  | N/A |
| Legal Fees |  | 350 |  | - |  | 350 |  | N/A |
| PERS Plan 3 - SELF Management Fees |  | 775 |  | - |  | 775 |  | N/A |
| Research Services |  | 1,941 |  | - |  | 1,941 |  | N/A |
| SERS Plan 3 - SELF Management Fees |  | 357 |  | - |  | 357 |  | N/A |
| TRS Plan 3 - SELF Management Fees |  | 2,154 |  | - |  | 2,154 |  | N/A |
| WSIB Operating Costs |  | 9,356 |  | - |  | 9,356 |  | N/A |
| Miscellaneous Fees |  | 380 |  | - |  | 380 |  | N/A |
| Total Investment Expenses | \$ | 266,712 | \$ | 30,642 | \$ | 297,354 | \$ | 49,190,670 |

*Netted fees are included in the unrealized gains (losses) in the accompanying financial statements.

Schedule of Broker Volume and Equity Commissions Paid
For the Year Ended June 30, 2012 (page 1 of 4)

| Dealer | Equity |  |  |  |  |  |  |  |  |  | Fixed Income |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | Long-Term Volume Transacted |  | Short-Term Volume Transacted |  |
|  | Volume Transacted |  | Buy Cost |  | Proceeds |  | Commissions |  | Commissions Per Share |  |  |  |  |  |
| ABG SECURITIES | \$ | 750,781 | \$ | 7,259,599 | \$ | - | \$ | 10,873 | \$ | 0.01 | \$ | - | \$ | - |
| ABN AMRO BANK NV |  | 566,874 |  | 1,895,064 |  | 3,273,229 |  | 6,033 |  | 0.01 |  | - |  | - |
| ADP CLEARING \& OUTSOURCING |  | 319,725 |  | 4,527,216 |  | - |  | 6,395 |  | 0.02 |  | - |  | - |
| AUERBACH GRAYSON |  | 341,223 |  | 9,480,688 |  | 2,535,073 |  | 10,237 |  | 0.03 |  | - |  | - |
| BANCO ITUA SA |  | 893,036 |  | 7,608,250 |  | 2,435,633 |  | 18,612 |  | 0.02 |  | 9,975,826 |  | - |
| BANCO PACT |  | 119,710 |  | - |  | 1,493,737 |  | 3,744 |  | 0.03 |  | - |  | - |
| BANCO SANTANDER |  | 826,141 |  | 9,151,179 |  | 6,848,883 |  | 23,844 |  | 0.03 |  | - |  | - |
| BANK OF AMERICA |  | - |  | - |  | - |  | - |  | - |  | 897,707,646 |  | - |
| BANK OF NEW YORK SECURITIES |  | 1,271,684 |  | 20,686,546 |  | 7,751,194 |  | 16,852 |  | 0.01 |  | - |  | - |
| BANQUE NATIONALE DE PARIS |  | 990,300 |  | - |  | 3,965,039 |  | 19,965 |  | 0.02 |  | - |  | - |
| BARCLAYS CAPITAL, INC |  | 31,284,806 |  | 303,888,795 |  | 384,629,222 |  | 138,458 |  | 0.00 |  | 3,665,784,953 |  | - |
| BARCLAYS TRUST \& BANKING CO |  | - |  | - |  | - |  | - |  | - |  | 662,394,864 |  | - |
| BATUCHA SECURITIES |  | 107,516 |  | 27,867 |  | 702,675 |  | 1,089 |  | 0.01 |  | - |  | - |
| BAYPOINT TRADING LLC |  | 219,123 |  | 1,496,223 |  | 4,575,333 |  | 6,574 |  | 0.03 |  | 588,605,240 |  | - |
| BEAR, STEARNS \& COMPANY |  | 25,186,817 |  | 201,996,225 |  | 206,249,276 |  | 297,025 |  | 0.01 |  | - |  | - |
| BELTONE SECURITIES |  | 1,222,832 |  | 5,814,826 |  | - |  | 11,441 |  | 0.01 |  | - |  | - |
| BMO CAPITAL MARKETS |  | 37,908 |  | 881,762 |  | - |  | 1,137 |  | 0.03 |  | - |  | - |
| BNP SECURITIES |  | 23,760,494 |  | 57,954,574 |  | 75,255,064 |  | 61,087 |  | 0.00 |  | 89,002,327 |  | - |
| BROCKHOUSE \& COOPER |  | 2,423,900 |  | 2,605,638 |  | 9,905,525 |  | 9,442 |  | 0.00 |  | - |  | - |
| BTIG, LLC |  | 24,940 |  | - |  | 272,097 |  | 748 |  | 0.03 |  | - |  | - |
| BUNTING WARBURG, INC |  | 3,301,673 |  | 82,417,235 |  | 3,749,654 |  | 36,994 |  | 0.01 |  | - |  | - |
| C.S.F.B. RESEARCH |  | 1,315,967 |  | 11,749,266 |  | 14,775,204 |  | 41,355 |  | 0.03 |  | - |  | - |
| CA CHEUVREUX NORTH AMERICA |  | 200 |  | - |  | 2,438 |  | - |  | 0.00 |  | - |  | - |
| CALYON SECURITIES |  | 1,552,111 |  | 4,255,407 |  | - |  | 2,116 |  | 0.00 |  | - |  | - |
| CANACCORD CAPITAL CORP |  | 18,609 |  | 82,468 |  | - |  | 375 |  | 0.02 |  | - |  | - |
| CANTOR FITZGERALD \& COMPANY |  | 2,358,737 |  | 14,846,429 |  | 30,427,566 |  | 57,875 |  | 0.02 |  | - |  | - |
| CAPP SECURITIES |  | 75,702,183 |  | 61,971 |  | 262,941,619 |  | - |  | 0.00 |  | 1,995,165 |  | - |
| CARNEGIE CORPORATION |  | 168,010 |  | 4,615,769 |  | 10,347,615 |  | 21,776 |  | 0.13 |  | - |  | - |
| CHASE MANHATTAN BANK |  | 750,442 |  | - |  | 20,469,676 |  | 18,761 |  | 0.03 |  | - |  | - |
| CHEVREUX DE VIRIEU |  | 402,377 |  | 9,235,856 |  | 4,224,673 |  | 7,010 |  | 0.02 |  | - |  | - |
| CHINA INTERNATIONAL |  | 15,559,296 |  | 17,007,583 |  | 6,361,182 |  | 24,401 |  | 0.00 |  | - |  | - |
| CIBC WORLD MARKETS CORP |  | 4,904,640 |  | 5,925,412 |  | 1,893,936 |  | 33,093 |  | 0.01 |  | 6,983,078 |  | - |
| CITATION GROUP |  | 1,386,674 |  | 32,716,361 |  | 59,729,466 |  | 13,867 |  | 0.01 |  | - |  | - |
| CITIBANK |  | 1,574,886 |  | 1,645,660 |  | 587,096 |  | 2,954 |  | 0.00 |  | - |  | - |
| CITIGROUP |  | 78,618,774 |  | 329,761,988 |  | 364,705,157 |  | 402,006 |  | 0.01 |  | 1,735,607,221 |  | - |
| CLSA SINGAPORE |  | 13,284,721 |  | 46,222,675 |  | 24,991,852 |  | 92,059 |  | 0.01 |  | - |  | - |
| COMPAGNIE ITALIANO |  | 199,517 |  | 987,607 |  | - |  | 1,995 |  | 0.01 |  | - |  | - |
| CONCORDIA SA |  | 45,590 |  | 621,094 |  | 111,373 |  | 659 |  | 0.01 |  | - |  | - |
| CREDIT AGRIGOLE |  | 382,580 |  | 28,501,442 |  | 5,170,949 |  | 62,230 |  | 0.16 |  | 6,983,078 |  | - |
| CREDIT lyonnais |  | 15,145,134 |  | 24,386,190 |  | 43,546,382 |  | 94,038 |  | 0.01 |  | - |  | - |

## Schedule of Broker Volume and Equity Commissions Paid

For the Year Ended June 30, 2012 (page 2 of 4)

| Dealer | Equity |  |  |  |  |  |  |  |  |  | Fixed Income |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  | Long-Term Volume Transacted | Short-Term Volume Transacted |  |
|  | VolumeTransacted |  | Buy Cost |  | Proceeds |  | Commissions |  | Commissions Per Share |  |  |  |  |  |
| CREDIT SUISSE FIRST BOSTON, LTD | \$ | 164,799,467 | \$ | 702,424,919 | \$ | 640,608,947 | \$ | 590,978 | \$ | 0.00 | \$ | 2,982,207,420 |  | - |
| CSI US INTERNATIONAL |  | 1,684,316 |  | 14,750,971 |  | 30,713,518 |  | 53,379 |  | 0.03 |  | - |  | - |
| DAI ICHI SECURITIES |  | 28,616 |  | - |  | 214,502 |  | - |  | 0.00 |  | - |  | - |
| DAIWA SECURITES GROUP |  | 7,973,830 |  | 42,420,889 |  | 54,666,583 |  | 62,196 |  | 0.01 |  | - |  | - |
| DEUTSCHE BANK SECURITIES |  | 29,048,202 |  | 118,261,247 |  | 191,778,969 |  | 190,100 |  | 0.01 |  | 12,216,759,459 |  | - |
| ENSKILDA SECURITIES |  | 121,456 |  | 4,770,059 |  | 7,631,859 |  | 18,609 |  | 0.15 |  | - |  | - |
| EXANE BNP PARIBAS |  | 792,463 |  | 19,660,223 |  | 6,048,441 |  | 35,458 |  | 0.04 |  | - |  | - |
| EXECUTION SERVIICES, INC |  | 96,192 |  | 507,478 |  | - |  | 178 |  | 0.00 |  | - |  | - |
| FATOR-DORIA \& ATHERINO |  | 827,994 |  | 8,711,109 |  | 121,626 |  | 7,940 |  | 0.01 |  | - |  | - |
| FINANCIAL BROKERAGE GROUP (FBG) |  | 3,087,452 |  | 9,193,430 |  | - |  | 36,342 |  | 0.01 |  | - |  | - |
| FRANK RUSSELL |  | - |  | - |  | - |  | - |  | - |  | 329 |  | - |
| G-TRADE SERVICES |  | 10,494,743 |  | 50,057,078 |  | 42,940,091 |  | 19,008 |  | 0.00 |  | - |  | - |
| GOLDMAN SACHS \& COMPANY |  | 169,212,416 |  | 701,881,467 |  | 592,068,427 |  | 720,244 |  | 0.00 |  | 3,132,985,051 |  | - |
| GRIFFITHS MCBURNEY |  | 1,562,913 |  | - |  | 9,055,681 |  | 47,316 |  | 0.03 |  | - |  | - |
| GUGGENHEIM CAPITAL MARKETS LLC |  | 174,128 |  | - |  | 3,140,270 |  | 5,224 |  | 0.03 |  | - |  | - |
| HANOVER NOMINEES LTD |  | 1,570,968 |  | 13,358,226 |  | 8,297,486 |  | 8,588 |  | 0.01 |  | - |  | - |
| HANWA SECURITIES CO |  | 4,832 |  | - |  | 2,708,073 |  | 2,175 |  | 0.45 |  | - |  | - |
| HSBC INVESTMENT BANK, PLC |  | 424,654 |  | 4,846,767 |  | 127,617 |  | 10,171 |  | 0.02 |  | - |  | - |
| HSBC SECURITIES, INC |  | 953,201 |  | 20,192,146 |  | 58,534 |  | 28,564 |  | 0.03 |  | 444,894,917 |  | - |
| INDIA INFOLINE LTD |  | 7,745 |  | - |  | 49,573 |  | 124 |  | 0.02 |  | - |  | - |
| INSTINET CORPORATION |  | 96,595,250 |  | 449,565,276 |  | 455,480,912 |  | 410,810 |  | 0.00 |  | - |  | - |
| INTERACCIONES CASA DE BOLSA, S.A. |  | 1,252,535 |  | 3,148,292 |  | 132,853 |  | 3,278 |  | 0.00 |  | - |  | - |
| INTERSTATE SECURITIES |  | 47,348 |  | 547,194 |  | - |  | 203 |  | 0.00 |  | - |  | - |
| INVESTEC SECURITIES |  | 2,326,961 |  | 2,805,467 |  | 3,396,549 |  | 6,189 |  | 0.00 |  | - |  | - |
| INVESTMENT TECHNOLOGY GROUP INC |  | 49,606,772 |  | 330,984,631 |  | 261,409,217 |  | 250,690 |  | 0.01 |  | - |  | - |
| ISI GROUP |  | 322,062 |  | 4,198,085 |  | 5,953,559 |  | 11,215 |  | 0.03 |  | - |  | - |
| ITG INC |  | 14,625,252 |  | 64,172,280 |  | 63,861,983 |  | 69,804 |  | 0.00 |  | - |  | - |
| J.P. MORGAN SECURITIES, INC |  | 86,395,563 |  | 367,525,838 |  | 217,317,222 |  | 350,178 |  | 0.00 |  | 16,468,536,943 |  |  |
| JANNEY MONTGOMERY SCOTT |  | 84,968 |  | - |  | 3,763,241 |  | 3,399 |  | 0.04 |  | - |  | - |
| JEFFERIES \& COMPANY |  | 1,413,825 |  | 20,863,871 |  | 22,313,116 |  | 50,764 |  | 0.04 |  | 8,978,244 |  | - |
| JESUP \& LAMONT |  | - |  | - |  | - |  | - |  | - |  | 4,987,913 |  | - |
| JONES \& ASSOCIATES |  | 2,415,597 |  | 1,499,726 |  | 45,966,208 |  | 84,925 |  | 0.04 |  | - |  |  |
| JONES TRADING INSTITUTIONAL |  | 18,954 |  | - |  | 728,095 |  | 569 |  | 0.03 |  | - |  | - |
| KALB VOORHIS \& COMPANY |  | 278 |  | - |  | - |  | - |  | 0.00 |  | - |  | - |
| KB SECURITIES, NV |  | 18,707 |  | - |  | 225,251 |  | 451 |  | 0.02 |  | - |  | - |
| KEPLER EQUITIES |  | 57,179 |  | - |  | 1,213,312 |  | 1,823 |  | 0.03 |  | - |  | - |
| KM PARTNERS, LLC |  | 2,494 |  | 121,816 |  | - |  | 50 |  | 0.02 |  | - |  | - |
| KNIGHT EQUITY MRKTS International |  | 2,178,203 |  | 60,919,991 |  | 39,001,558 |  | 56,398 |  | 0.03 |  | - |  | - |
| KNIGHT SECURITIES |  | 815,054 |  | - |  | 20,198,905 |  | 30,122 |  | 0.04 |  | - |  | - |
| KOTAK SECURITIES |  | 62,535 |  | 749,149 |  | - |  | - |  | 0.02 |  | - |  | - |

## Schedule of Broker Volume and Equity Commissions Paid

For the Year Ended June 30, 2012 (page 3 of 4)

| Dealer | Equity |  |  |  |  |  |  |  |  |  | Fixed Income |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | Long-Term Volume Transacted | Short-Term Volume Transacted |  |  |
|  | Volume Transacted |  | Buy Cost |  | Proceeds |  | Commissions |  | Commissions Per Share |  |  |  |  |  |
| LIQUIDNET | \$ | 5,671,262 | \$ | 78,255,841 | \$ | 43,911,395 | \$ | 69,007 | \$ | 0.01 | \$ | \$ |  | - |
| LOOP CAPITAL |  | 14,791,405 |  | 220,526,573 |  | 169,855,893 |  | 156,386 |  | 0.01 | - |  |  | - |
| LYNCH JONES \& RYAN |  | 2,511,572 |  | 25,798,673 |  | 51,342,351 |  | 79,151 |  | 0.03 | - |  |  | - |
| MACQUARIE EQUITIES |  | 15,905,260 |  | 28,524,409 |  | 72,162,800 |  | 118,569 |  | 0.01 | - |  |  | - |
| MAIN FIRST BANK |  | 407 |  | - |  | 13,798 |  | 14 |  | 0.03 | - |  |  | - |
| mELLON BANK |  | 149,308 |  | 27,098 |  | - |  | - |  | 0.00 | - |  |  | - |
| MERRILL LYNCH INTERNATIONAL |  | 26,143,528 |  | 234,106,150 |  | 212,376,912 |  | 303,721 |  | 0.01 | - |  |  | - |
| MITSUBISHI BANK |  | 38,806 |  | 337,523 |  | - |  | 505 |  | 0.01 | - |  |  | - |
| MITSUBISH UJF SECURITIES |  | 2,853 |  | - |  | 12,584,464 |  | 25,219 |  | 8.84 | - |  |  | - |
| MIZUHO SECURITIES |  | 274,517 |  | 3,360,217 |  | 2,991,888 |  | 6,534 |  | 0.02 | 29,927,479 |  |  | - |
| MORGAN STANLEY \& COMPANY |  | 4,859,523 |  | 10,285,898 |  | 87,614,150 |  | 131,227 |  | 0.03 | 899,477,358 |  |  |  |
| MS \& COMPANY INC |  | 40,593,416 |  | 92,728,335 |  | 79,949,417 |  | 197,989 |  | 0.00 | - |  |  | - |
| MURPHY \& DURIEM |  | 197,807 |  | 3,431,964 |  | 7,575,102 |  | 1,209 |  | 0.01 | - |  |  | - |
| NBC LEVESQUE |  | 308,745 |  | - |  | 11,645,883 |  | 6,052 |  | 0.02 | - |  |  | - |
| NESBITT BURNS |  | 169,169 |  | 12,934,844 |  | - |  | 6,828 |  | 0.04 | - |  |  | - |
| NIKKO SECURITIES |  | 19,952 |  | 60,694 |  | - |  | 30 |  | 0.00 | - |  |  | - |
| NOMURA AGENCY PLC |  | 80,027 |  | 446,112 |  | 278,354 |  | 1,390 |  | 0.02 | - |  |  | - |
| NOMURA INTERNATIONAL TRUST CO |  | 21,710,734 |  | 39,164,436 |  | 121,921,767 |  | 75,240 |  | 0.00 | - |  |  | - |
| NOMURA SECURITIES INTL |  | 1,020,981 |  | 12,099,861 |  | 18,978,439 |  | 45,973 |  | 0.05 | - |  |  | - |
| NORTHERN TRUST COMPANY |  | 274,552 |  | 3,342,016 |  | - |  | - |  | 0.00 | - |  |  | - |
| NUMIS SECURITIES |  | 1,744,811 |  | - |  | 6,906,381 |  | 10,375 |  | 0.01 | - |  |  | - |
| PARETO FUNDS \& SECURITIES, LTD |  | 11,473,476 |  | 10,580,096 |  | - |  | 8,457 |  | 0.00 | - |  |  | - |
| PATRIA FINANCE |  | 14,864 |  | - |  | 298,163 |  | 598 |  | 0.04 | - |  |  | - |
| PENSERRA SECURITIES, LLC |  | 13,566,835 |  | 161,078,282 |  | 157,817,709 |  | 127,559 |  | 0.01 | - |  |  | - |
| PENSON FINANCIAL SERVICES, INC |  | 100,884 |  | 2,236,779 |  | 503,318 |  | 6,068 |  | 0.06 | - |  |  | - |
| PERSHING \& COMPANY |  | 2,296,029 |  | 7,490,603 |  | 30,071,014 |  | 40,371 |  | 0.02 | - |  |  | - |
| PETERS \& COMPANY |  | 2,748,215 |  | 14,305,815 |  | 24,438,956 |  | 15,500 |  | 0.01 | - |  |  | - |
| PICKERING ENERGY PARTNERS, INC |  | 423,785 |  | 2,934,396 |  | 10,815,437 |  | 15,868 |  | 0.04 | - |  |  | - |
| PRINCETON SECURITIES |  | 78,824 |  | 1,613,023 |  | 724,589 |  | 552 |  | 0.01 | - |  |  | - |
| RAYMOND JAMES \& ASSOCIATES |  | 5,972,292 |  | 3,355,789 |  | 4,023,016 |  | 32,042 |  | 0.01 | - |  |  | - |
| REDBURN PARTNERS |  | 200,255 |  | 2,518,808 |  | 6,164,963 |  | 11,814 |  | 0.06 | - |  |  | - |
| RENAISSANCE LLC |  | 12,363 |  | - |  | 472,037 |  | 1,183 |  | 0.10 | - |  |  | - |
| RENCAP SECURITIES, INC |  | 2,461,800 |  | 12,179,980 |  | - |  | 19,545 |  | 0.01 | - |  |  | - |
| ROBERT W. BAIRD \& CO |  | 33,930 |  | - |  | 944,599 |  | 679 |  | 0.02 | - |  |  | - |
| ROYAL BANK OF CANADA |  | 2,462,162 |  | 26,769,750 |  | 4,424,500 |  | 46,011 |  | 0.02 | - |  |  | - |
| ROYAL BANK OF SCOTLAND |  | 428,509 |  | 871,580 |  | 2,085,726 |  | 3,437 |  | 0.01 | 10,242,180,821 |  |  | - |
| SALE OF STOCK FRACTIONS |  | 1 |  | - |  | 10 |  | - |  | 0.00 | - |  |  | - |
| SALOMON BROTHERS |  | 1,411,797 |  | 7,894,554 |  | 10,847,165 |  | 16,212 |  | 0.01 | - |  |  | - |
| SALOMON, SMITH BARNEY |  | 1,737,789 |  | - |  | 3,814,458 |  | 5,266 |  | 0.00 | - |  |  | - |
| SAMSUNG SECURITIES CO LTD |  | 19,533 |  | 17,374,712 |  | - |  | 34,680 |  | 1.78 | - |  |  | - |

Schedule of Broker Volume and Equity Commissions Paid
For the Year Ended June 30, 2012 (page 4 of 4)

| Dealer | Equity |  |  |  |  |  |  |  |  | Fixed Income |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | Long-Term Volume Transacted | Short-Term Volume Transacted |  |
|  | Volume Transacted |  | Buy Cost |  | Proceeds |  | Commissions |  | Commissions Per Share |  |  |  |  |
| SANDHURST TRUSTEES LTD | \$ | 28,741 | \$ | 188,757 | \$ | - | \$ | 75 | \$0.00 | \$ | - - | \$ | - |
| SANFORD BERNSTEIN |  | 65,684,330 |  | 441,789,876 |  | 391,111,113 |  | 365,042 | 0.01 |  | - |  | - |
| SANTANDER INVESTMENT SECURITIES |  | - |  | - |  | - |  | - | - |  | 9,975,826 |  | - |
| SCOTIA CAPITAL MARKET |  | 192,378 |  | 1,444,833 |  | 4,654,702 |  | 6,140 | 0.03 |  | - |  | - |
| SG ASIA PTE |  | 56,370 |  | 156,534 |  | 401,415 |  | 838 | 0.01 |  | - |  | - |
| SG COWEN SECURITIES CORP |  | 32,374,263 |  | 101,851,653 |  | 100,848,328 |  | 102,843 | 0.00 |  | - |  | - |
| SG SECURITIES |  | 1,636,019 |  | 5,132,038 |  | 1,376,220 |  | 3,169 | 0.00 |  | - |  | - |
| SOCIETE GENERALE SECURITIES |  | 28,292,583 |  | 91,530,836 |  | 126,603,582 |  | 99,926 | 0.00 |  | - |  | - |
| SPEAR, LEEDS \& KELLOG |  | 6,528 |  | 248,418 |  | - |  | 65 | 0.01 |  | - |  | - |
| SPROTT SECURITIES LTD |  | 1,533,200 |  | 1,838,651 |  | 6,028,485 |  | 42,408 | 0.03 |  | - |  | - |
| STATE STREET BANK \& TRUST |  | 4,314,253 |  | 6,128,522 |  | 28,885,562 |  | 6,668 | 0.00 |  | - |  | - |
| STEPHEN M. FERRETTI, INC. |  | 103,150 |  | 2,315,903 |  | 1,062,717 |  | 722 | 0.01 |  | - |  | - |
| STIFEL NICOLAUS \& COMPANY |  | 694,377 |  | 3,334,894 |  | 15,869,478 |  | 20,972 | 0.03 |  | - |  | - |
| TAYLOR, D.W. \& COMPANY |  | 15,082,268 |  | 160,385,247 |  | 168,303,424 |  | 131,478 | 0.01 |  | - |  | - |
| THINK EQUITY |  | 74,819 |  | - |  | 301,087 |  | 2,245 | 0.03 |  | - |  | - |
| TORONTO DOMIINION |  | 1,352,194 |  | 6,088,628 |  | 41,592 |  | 20,483 | 0.02 |  | - |  | - |
| TRAVELERS INSURANCE |  | 72,624 |  | 134,062 |  | - |  | - | 0.00 |  | - |  | - |
| UBS SECURITIES |  | 33,808,626 |  | 139,600,708 |  | 110,831,134 |  | 251,691 | 0.01 |  | 1,361,735,240 |  | - |
| UNPUBLISHED EUROCLEAR |  | 326,663 |  | 3,964,398 |  | - |  | 6,533 | 0.02 |  | - |  | - |
| VALCOURT |  | 141,762 |  | 2,015,437 |  | - |  | 5,671 | 0.04 |  | - |  | - |
| VALEURS MOBILIERES DESJARDINES |  | 869,393 |  | - |  | 372,854 |  | 4,384 | 0.01 |  | - |  | - |
| VONTOBEL |  | 11,236 |  | 2,068,684 |  | - |  | 3,098 | 0.28 |  | - |  | - |
| WARBURG DILLON READ, LLC |  | 829,934 |  | 2,162,192 |  | 31,050,256 |  | 31,169 | 0.04 |  | - |  | - |
| WEEDEN \& COMPANY |  | 22,831,127 |  | 255,834,207 |  | 262,963,042 |  | 207,522 | 0.01 |  | - |  | - |
| XP INVESTIMENTOS SA |  | 739,508 |  | 7,275,290 |  | 587,315 |  | 7,069 | 0.01 |  | - |  | - |
| Total |  | 351,093,380 |  | 6,540,577,069 |  | ,703,966,956 |  | 7,667,175 | \$0.01 |  | 54,879,081,158 |  | 371,478,440 |

## Summary of Investments Owned As of June 30, 2012

Pension Trust Funds (page 1 of 7)
(expressed in thousands)

| (expressed in thousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Description | Rate | Maturity | Market Value | \% of Total Market Value |
| ASSET BACKED SECURITIES |  |  |  |  |
| NISSAN MASTER OWNER TRUST RECEIVABLES | 1.391\% | 1/15/2015 | \$ 20,063 | 0.03\% |
| FNMA 95-W1 A7 | 8.200\% | 4/25/2025 | 20 | - |
| TOTAL ASSET BACKED SECURITIES |  |  | 20,083 | 0.03\% |
| RESIDENTIAL MORTGAGE BACKED SECURITIES |  |  |  |  |
| FNMA | 4.000\% | 7/25/2042 | 80,494 | 0.12\% |
| FNMA | 6.000\% | 6/25/2035 | 77,355 | 0.12\% |
| FNMA | 4.000\% | 7/25/2027 | 62,262 | 0.09\% |
| GNMA I | 4.500\% | 7/15/2042 | 61,118 | 0.09\% |
| FREDDIE MAC | 4.000\% | 12/1/2040 | 56,212 | 0.08\% |
| FHLMC | 5.500\% | 7/15/2042 | 47,596 | 0.07\% |
| FREDDIE MAC | 6.000\% | 7/15/2035 | 41,465 | 0.06\% |
| FNMA | 5.000\% | 12/1/2099 | 39,401 | 0.06\% |
| FHLMC 20063164 NE | 6.000\% | 6/15/2035 | 36,891 | 0.06\% |
| FHLMC 20063177 KD | 6.000\% | 6/15/2035 | 35,656 | 0.05\% |
| Other |  |  | 1,285,234 | 1.89\% |
| TOTAL RESIDENTIAL MORTGAGE BACKED SECURITIES |  |  | 1,823,684 | 2.69\% |
| COMMERCIAL MORTGAGE-BACKED SECURITIES |  |  |  |  |
| CITIGROUP/DEUTSCHE BANK COMMERCIAL MORTGAGE | 5.481\% | 1/15/2046 | 55,498 | 0.08\% |
| MORGAN STANLEY CAPITAL I | 5.419\% | 3/12/2016 | 44,414 | 0.07\% |
| GS MORTGAGE SECURITIES CORP | 5.553\% | 4/10/2038 | 44,100 | 0.06\% |
| BEAR STEARNS COMMERCIAL MORTGAGE | 5.540\% | 9/11/2041 | 39,165 | 0.06\% |
| CITIGROUP COMMERCIAL MORTGAGE | 5.431\% | 10/15/2049 | 34,050 | 0.05\% |
| GSMS 2010-C1 A1 | 3.679\% | 8/10/2043 | 9,591 | 0.01\% |
| WELLS FARGO COMMERCIAL MORTGAGE | 3.349\% | 10/15/2057 | 4,765 | 0.01\% |
| MISSION TOWERS | 7.500\% | 6/1/2018 | 819 | - |
| SUTTER VILLAGE | 7.500\% | 2/2/2018 | 375 | - |
| BURIEN HAUS | 7.500\% | 12/1/2017 | 214 | - |
| TOTAL COMMERCIAL MORTGAGE-BACKED SECURITIES |  |  | 232,991 | 0.34\% |
|  |  |  |  |  |
| CORPORATE BONDS - DOMESTIC DOLLAR DENOMINATED |  |  |  |  |
| ANHEUSER-BUSCH INBEV WORLDWIDE | 6.875\% | 11/15/2019 | 63,859 | 0.09\% |
| JPMORGAN CHASE \& CO | 1.217\% | 5/2/2014 | 49,835 | 0.07\% |
| CHESAPEAKE ENERGY CORP | 6.500\% | 8/15/2017 | 44,664 | 0.07\% |
| TTX CO | 4.900\% | 3/1/2015 | 42,183 | 0.06\% |
| UNION PACIFIC RR CO | 5.866\% | 7/2/2030 | 39,320 | 0.06\% |
| NEWFIELD EXPLORATION CO | 7.125\% | 5/15/2018 | 36,964 | 0.06\% |
| NORFOLK SOUTHERN CORP | 6.000\% | 3/15/2105 | 35,089 | 0.05\% |
| PUGET SOUND ENERGY INC | 6.500\% | 12/15/2020 | 32,600 | 0.05\% |
| ENTERPRISE PRODUCTS | 6.650\% | 4/15/2018 | 30,139 | 0.04\% |
| CRH AMERICA INC | 8.125\% | 7/15/2018 | 29,556 | 0.04\% |
| Other |  |  | 573,902 | 0.85\% |
| TOTAL CORPORATE BONDS - DOMESTIC DOLLAR DENOMINATED |  |  | 978,111 | 1.44\% |

## Summary of Investments Owned As of June 30, 2012

Pension Trust Funds (page 2 of 7)
(expressed in thousands)
Description
CORPORATE BONDS - DOMESTIC NON DOLLAR DENOMINATED
JP MORGAN CHASE BANK NA
ANHEUSER-BUSCH INBEV WORLDWIDE

CORPORATE BONDS - FOREIGN NON DOLLAR DENOMINATED
AMBEV INTERNATIONAL FINANCE CO
AMERICA MOVIL SA DE CV
CIA DE ELE DO E DA BAHIA
ITAU UNIBANCO HLDG SA/KY
BRASIL TELECOM S/A
EMGESA SA ESP
HKCG FINANCE LTD
EMPRESAS PUBLIC MEDELLIN

| Rate | Maturity | Market Value | \% of Total Market Value |
| :---: | :---: | :---: | :---: |
| 10.000\% | 1/3/2014 | \$ 40,169 | 0.06\% |
| 9.750\% | 11/17/2015 | 21,848 | 0.03\% |
|  |  | 62,017 | 0.09\% |
| 9.500\% | 7/24/2017 | 32,321 | 0.05\% |
| 8.460\% | 12/18/2036 | 31,077 | 0.05\% |
| 11.750\% | 4/27/2016 | 21,251 | 0.03\% |
| 10.500\% | 11/23/2015 | 21,167 | 0.03\% |
| 9.750\% | 9/15/2016 | 20,707 | 0.03\% |
| 8.750\% | 1/25/2021 | 17,305 | 0.02\% |
| 1.400\% | 4/11/2016 | 10,248 | 0.02\% |
| 8.375\% | 2/1/2021 | 6,049 | 0.01\% |
|  |  | 160,125 | 0.24\% |
| 6.000\% | 4/5/2023 | 73,549 | 0.11\% |
| 6.125\% | 11/5/2019 | 71,738 | 0.11\% |
| 7.750\% | 5/15/2019 | 62,356 | 0.09\% |
| 7.250\% | 1/28/2020 | 57,360 | 0.08\% |
| 7.500\% | 5/4/2020 | 56,784 | 0.08\% |
| 7.250\% | 10/20/2017 | 55,612 | 0.08\% |
| 5.900\% | 12/1/2017 | 54,492 | 0.08\% |
| 5.550\% | 2/11/2020 | 53,871 | 0.08\% |
| 5.000\% | 5/12/2021 | 52,950 | 0.08\% |
| 8.750\% | 3/1/2019 | 51,662 | 0.08\% |
|  |  | 3,281,404 | 4.84\% |
|  |  | 3,871,778 | 5.71\% |

## US GOVERNMENT TREASURIES

| US TREASURY N/B | $1.125 \%$ | $5 / 31 / 2019$ | 449,584 | $0.66 \%$ |
| :--- | :--- | :--- | :--- | :--- |
| US TREASURY N/B | $1.250 \%$ | $8 / 31 / 2015$ | 347,608 | $0.51 \%$ |
| US TREASURY N/B | $0.875 \%$ | $1 / 31 / 2017$ | 301,806 | $0.45 \%$ |
| US TREASURY N $/ B$ | $1.000 \%$ | $7 / 15 / 2013$ | 286,471 | $0.42 \%$ |
| US TREASURY N/B | $1.000 \%$ | $9 / 30 / 2016$ | 258,320 | $0.38 \%$ |
| US TREASURY N/B | $0.250 \%$ | $2 / 28 / 2014$ | 249,135 | $0.37 \%$ |
| US TREASURY N/B | $2.625 \%$ | $8 / 15 / 2020$ | 219,534 | $0.32 \%$ |
| US TREASURY N/B | $0.625 \%$ | $5 / 31 / 2017$ | 158,866 | $0.24 \%$ |
| US TREASURY N $/ B$ | $0.875 \%$ | $4 / 30 / 2017$ | 140,720 | $0.21 \%$ |
| US TREASURY N/B | $1.500 \%$ | $12 / 31 / 2013$ | 126,917 | $0.19 \%$ |
| Other |  |  | $\mathbf{7 3 5 , 4 4 6}$ | $1.08 \%$ |
| TOTAL US GOVERNMENT TREASURIES |  |  | $\mathbf{3 , 2 7 4 , 4 0 7}$ | $\mathbf{4}$ |

## Summary of Investments Owned As of June 30, 2012

Pension Trust Funds (page 3 of 7)
(expressed in thousands)

| Description | Rate | Maturity | Market Value | \% of Total Market Value |
| :---: | :---: | :---: | :---: | :---: |
| FOREIGN GOVERNMENT AND AGENCIES - DOLLAR DENOMINATED |  |  |  |  |
| ECOPETROL SA 7.625\% NTS | 7.625\% | 7/23/2019 | \$ 62,595 | 0.09\% |
| PETROBRAS INTERNATIONAL FINANCE CO | 5.875\% | 3/1/2018 | 55,470 | 0.08\% |
| CENT ELET BRASILEIRAS SA | 5.750\% | 10/27/2021 | 54,515 | 0.08\% |
| DUBAI PORTS WORLD | 6.850\% | 7/2/2037 | 49,004 | 0.07\% |
| PETROBRAS INTERNATIONAL FINANCE CO | 6.125\% | 10/6/2016 | 44,831 | 0.07\% |
| PERTAMINA PT | 5.250\% | 5/23/2021 | 41,497 | 0.06\% |
| BANCO DO BRASIL (CAYMAN) | 6.000\% | 1/22/2020 | 40,580 | 0.06\% |
| RAS LAFFAN LNG III | 6.332\% | 9/30/2027 | 39,992 | 0.06\% |
| CNPC HK OVERSEAS CAPITAL | 4.500\% | 4/28/2021 | 37,336 | 0.06\% |
| CODELCO INC | 3.750\% | 11/4/2020 | 36,411 | 0.05\% |
| Other |  |  | 657,848 | 0.97\% |
| total foreign government and agencies - dollar denominated |  |  | 1,120,079 | 1.65\% |
| FOREIGN GOVERNMENT AND AGENCIES - NON DOLLAR DENOMINATED |  |  |  |  |
| NEW S WALES TREASURY CORP | 5.500\% | 3/1/2017 | 111,825 | 0.16\% |
| MALAYSIAN GOVERNMENT | 4.012\% | 9/15/2017 | 68,348 | 0.10\% |
| FEDERATIVE REPUBLIC OF BRAZIL | 10.250\% | 1/10/2028 | 67,546 | 0.10\% |
| QUEENSLAND TREASURY CORP | 6.000\% | 9/14/2017 | 56,869 | 0.08\% |
| BRAZIL FEDERATIVE REPUBLIC | 8.500\% | 1/5/2024 | 38,055 | 0.06\% |
| REPUBLIC OF PHILIPPINES | 6.250\% | 1/14/2036 | 30,469 | 0.04\% |
| INDONESIA GOVERNMENT | 11.000\% | 11/15/2020 | 28,005 | 0.04\% |
| PETROLEOS MEXICANOS | 7.650\% | 11/24/2021 | 25,794 | 0.04\% |
| URUGUAY | 4.375\% | 12/15/2028 | 24,919 | 0.04\% |
| REPUBLIC OF CHILE | 5.500\% | 8/5/2020 | 24,449 | 0.04\% |
| Other |  |  | 141,234 | 0.21\% |
| TOTAL FOREIGN GOVERNMENT AND AGENCIES - NON DOLLAR DENOMINATED |  |  | 617,513 | 0.91\% |
| SUPRANATIONAL - NON DOLLAR DENOMINATED |  |  |  |  |
| INTERNATIONAL AMERICAN DEVELOPMENT BANK | 4.750\% | 1/10/2014 | 60,692 | 0.09\% |
| INTERNATIONAL BANK FOR RECONSTRUCTION \& DEVELOPMENT | 5.750\% | 10/21/2019 | 56,921 | 0.08\% |
| INTERNATIONAL BANK FOR RECONSTRUCTION \& DEVELOPMENT | 13.625\% | 5/9/2017 | 46,112 | 0.07\% |
| INTERNATIONAL AMERICAN DEVELOPMENT BANK | 6.500\% | 8/20/2019 | 35,496 | 0.05\% |
| INTERNATIONAL BANK FOR RECONSTRUCTION \& DEVELOPMENT | 6.000\% | 2/15/2017 | 28,155 | 0.04\% |
| ASIAN DEVELOPMENT BANK | 6.000\% | 1/20/2015 | 27,220 | 0.04\% |
| INTERNATIONAL BANK FOR RECONSTRUCTION \& DEVELOPMENT | 5.750\% | 2/17/2015 | 27,145 | 0.04\% |
| INTERNATIONAL FINANCE CORP | 5.750\% | 6/24/2014 | 21,420 | 0.03\% |
| INTERNATIONAL BANK FOR RECONSTRUCTION \& DEVELOPMENT | 4.250\% | 12/18/2013 | 19,759 | 0.03\% |
| INTERNATIONAL BANK FOR RECONSTRUCTION \& DEVELOPMENT | 7.500\% | 5/16/2014 | 16,714 | 0.03\% |
| Other |  |  | 39,420 | 0.06\% |
| TOTAL SUPRANATIONAL - NON DOLLAR DENOMINATED |  |  | 379,054 | 0.56\% |

## Summary of Investments Owned As of June 30, 2012

## Pension Trust Funds (page 4 of 7)

(expressed in thousands)

| Description | Market Value | \% of Total Market Value |
| :---: | :---: | :---: |
| CORPORATE STOCK - DOMESTIC DOLLAR DENOMINATED |  |  |
| PHILIP MORRIS INTERNATIONAL IN | \$ 71,186 | 0.10\% |
| JOHNSON \& JOHNSON | 50,821 | 0.07\% |
| Yum brands Inc | 50,159 | 0.07\% |
| ORACLE SYSTEMS CORP | 48,912 | 0.07\% |
| PFIZER INC | 47,775 | 0.07\% |
| APPLE COMPUTER INC | 45,633 | 0.07\% |
| WELLS FARGO \& CO NEW | 45,079 | 0.07\% |
| QUEST DIAGNOSTICS INC | 41,665 | 0.06\% |
| FIDELITY NATIONAL INFO SERVICE | 39,245 | 0.06\% |
| FISERV INC COM | 38,125 | 0.06\% |
| Other | 1,606,694 | 2.37\% |
| TOTAL CORPORATE STOCK - DOMESTIC DOLLAR DENOMINATED | 2,085,294 | 3.07\% |
| CORPORATE STOCK - DOMESTIC NON DOLLAR DENOMINATED |  |  |
| NEWS CORPORATION CDI NPV CLS 'A' | 3 | - |
| TOTAL CORPORATE STOCK - DOMESTIC NON DOLLAR DENOMINATED | 3 | - |
| CORPORATE STOCK - FOREIGN NON DOLLAR DENOMINATED |  |  |
| NESTLE SA | 143,198 | 0.21\% |
| NOVARTIS AG | 132,949 | 0.20\% |
| VODAFONE GROUP | 127,521 | 0.19\% |
| SANOFI SYNTHELABO | 115,377 | 0.17\% |
| ROCHE HOLDINGS AG | 104,879 | 0.15\% |
| BRITISH AMERICAN TOBACCO | 96,761 | 0.14\% |
| GLAXOSMITHKLINE | 93,278 | 0.14\% |
| HSBC HOLDINGS | 91,943 | 0.14\% |
| COMPASS GROUP | 89,185 | 0.13\% |
| BP AMOCO | 83,510 | 0.12\% |
| Other | 8,454,825 | 12.46\% |
| TOTAL CORPORATE STOCK - FOREIGN NON DOLLAR DENOMINATED | 9,533,426 | 14.05\% |
| CORPORATE STOCK - FOREIGN DOLLAR DENOMINATED |  |  |
| VALE SA ADR | 44,116 | 0.07\% |
| TENARIS S.A. ADR | 43,457 | 0.06\% |
| BANCO BRADESCO SA | 36,531 | 0.05\% |
| FOMENTO ECONOMICO MEXICANO | 35,483 | 0.05\% |
| TAIWAN SEMICONDUCTOR MFG CO LTD | 34,949 | 0.05\% |
| COVIDIEN PLC | 34,059 | 0.05\% |
| ACCENTURE PLC CLS 'A' | 33,975 | 0.05\% |
| AON PLC | 32,576 | 0.05\% |
| TE CONNECTIVITY LT COM | 30,794 | 0.05\% |
| COMPANHIA DE BEBIDAS DAS AMERICAS | 30,357 | 0.05\% |
| Other | 468,647 | 0.69\% |
| TOTAL CORPORATE STOCK - FOREIGN DOLLAR DENOMINATED | 824,944 | 1.22\% |

## Summary of Investments Owned As of June 30, 2012

Pension Trust Funds (page 5 of 7)
(expressed in thousands)

| Description | Market Value | \% of Total Market Value |
| :---: | :---: | :---: |
| COMMINGLED INDEX FUNDS - DOMESTIC |  |  |
| BTC US IMI FUND A4 | \$ 8,258,009 | 12.17\% |
| WSIB A US EQUITY MAY $12 \mathrm{R} / \mathrm{S}$ | 2,708 | - |
| BTC US EQUTY MARKET FUND | - | - |
| TOTAL COMMINGLED INDEX FUNDS - DOMESTIC | 8,260,717 | 12.17\% |
| COMMINGLED INDEX FUNDS - FOREIGN |  |  |
| GMO TRUST | 492,725 | 0.73\% |
| EMERGING MARKETS GROWTH FUND I | 407,277 | 0.60\% |
| LAZARD FRERES CAPITAL MANAGEMENT | 385,511 | 0.57\% |
| EMERGING MARKETS EQUITY FOCUSE | 342,846 | 0.50\% |
| GMO EMERGING MARKET ILLIQUID | 1,107 | - |
| EUROPE ALPHA TLLTS FD | 2 | - |
| TOTAL COMMINGLED INDEX FUNDS - FOREIGN | 1,629,468 | 2.40\% |
|  |  |  |
| CASH AND MONEY MARKET |  |  |
| BLACKROCK TEMPORARY CASH FUND (21) | 1,111,575 | 1.64\% |
| BLACKROCK FED FUND (30) | 272,167 | 0.40\% |
| EOD STIF | 14,932 | 0.02\% |
| US DOLLAR CASH | 5,432 | 0.01\% |
| ECU COLLATERAL | 2,507 | 0.01\% |
| BRITISH POUND CASH COLLATERAL | 2,104 | - |
| JPY CASH COLLATERAL | 1,552 | - |
| CAD CASH COLLATERAL | 1,302 | - |
| UNITED STATES DOLLAR | 1,111 | - |
| AUSTRALIAN DOLLAR COLLATERAL | 1,053 | - |
| Other | 362 | - |
| TOTAL CASH AND MONEY MARKET | 1,414,097 | 2.08\% |
|  |  |  |
| PRIVATE EQUITY |  |  |
| KKR 2006 FUND | 1,337,760 | 1.97\% |
| KKR MILLENNIUM FUND | 1,100,720 | 1.62\% |
| WARBURG PINCUS PRIVATE EQUITY IX | 722,948 | 1.06\% |
| WARBURG PINCUS X, LP | 716,349 | 1.06\% |
| TPG PARTNERS V | 452,784 | 0.67\% |
| KKR ASIA FUND, LP | 413,239 | 0.61\% |
| TPG PARTNERS VI | 413,202 | 0.61\% |
| KKR EUROPEAN FUND II, LP | 362,412 | 0.53\% |
| BLACKSTONE CAPITAL PARTNERS V | 354,020 | 0.52\% |
| KKR EUROPEAN FUND III | 302,192 | 0.45\% |
| Other | 9,871,603 | 14.55\% |
| TOTAL PRIVATE EQUITY | 16,047,229 | 23.65\% |

## Summary of Investments Owned As of June 30, 2012

Pension Trust Funds (page 6 of 7)
(expressed in thousands)

| Description | Market Value |  | \% of Total Market Value |
| :---: | :---: | :---: | :---: |
| REAL ESTATE |  |  |  |
| PRINCIPAL ENTERPRISE CAPITAL HOLDINGS | \$ | 1,525,188 | 2.25\% |
| FILLMORE STRATEGIC INVESTORS LLC |  | 1,059,761 | 1.56\% |
| EVERGREEN REAL ESTATE PARTNERS |  | 1,034,322 | 1.52\% |
| CORPORATE PROPERTIES OF AMERICAS LLC |  | 716,899 | 1.06\% |
| HOMETOWN AMERICA LLC |  | 454,796 | 0.67\% |
| TERRAMAR RETALL CENTER |  | 414,657 | 0.61\% |
| LONE STAR FUND VI, LP |  | 412,005 | 0.61\% |
| UNION SQUARE LP |  | 305,834 | 0.45\% |
| WASHINGTON HOLDINGS STRATEGIC FINANCE |  | 301,948 | 0.44\% |
| MS RE SPECIAL SIT FD III |  | 282,832 | 0.42\% |
| Other |  | 2,065,046 | 3.04\% |
| TOTAL REAL ESTATE |  | 8,573,288 | 12.63\% |
| TANGIBLE ASSETS |  |  |  |
| ALINDA INFRASTRUCTURE FUND II |  | 250,299 | 0.37\% |
| HAWTHORNE TIMBER LLC |  | 235,215 | 0.34\% |
| ALINDA INFRASTRUCTURE FUND 1 |  | 140,701 | 0.21\% |
| HIGHSTAR CAPITAL III |  | 100,922 | 0.15\% |
| SHERIDAN PRODUCTION PARTNERS I, LP |  | 91,555 | 0.13\% |
| SHERIDAN PRODUCTION PARTNERS II-B |  | 12,030 | 0.02\% |
| TOTAL TANGIBLE ASSETS |  | 830,722 | 1.22\% |
| FOREIGN CURRENCY |  |  |  |
| BRITAIN-POUND |  | 22,978 | 0.04\% |
| JAPAN-YEN |  | 19,493 | 0.03\% |
| E.M.U.-EURO |  | 19,379 | 0.03\% |
| CANADA-DOLLAR |  | 2,929 | 0.01\% |
| HONG KONG-DOLLAR |  | 2,596 | - |
| MALAYSIA-RINGGIT |  | 2,373 | - |
| SWITZERLAND-FRANC |  | 2,276 | - |
| SWEDEN-KRONA |  | 2,121 | - |
| DENMARK-KRONE |  | 1,804 | - |
| Other |  | 6,820 | 0.01\% |
| TOTAL FOREIGN CURRENCY |  | 82,769 | 0.12\% |

## Summary of Investments Owned As of June 30, 2012

Pension Trust Funds (page 7 of 7)
(expressed in thousands)

| Description | Market Value |  | \% of Total Market Value |
| :---: | :---: | :---: | :---: |
| IN PLAN 3 DEFINED CONTRIBUTION AND DEFERRED COMPENSATION PLANS: |  |  |  |
| RETIREMENT STRATEGY FUNDS (TARGET DATE FUNDS) |  |  |  |
| RETIREMENT STRATEGY 2020 | \$ | 556,545 | 0.82\% |
| RETIREMENT STRATEGY 2015 |  | 488,237 | 0.72\% |
| RETIREMENT STRATEGY 2025 |  | 450,939 | 0.67\% |
| RETIREMENT STRATEGY 2030 |  | 294,223 | 0.43\% |
| RETIREMENT STRATEGY 2010 |  | 191,926 | 0.28\% |
| RETIREMENT STRATEGY 2035 |  | 188,760 | 0.28\% |
| RETIREMENT STRATEGY 2040 |  | 88,092 | 0.13\% |
| RETIREMENT STRATEGY 2005 |  | 55,687 | 0.08\% |
| RETIREMENT STRATEGY 2000 |  | 39,384 | 0.06\% |
| Other |  | 55,901 | 0.08\% |
| TOTAL RETIREMENT STRATEGY FUNDS (TARGET DATE FUNDS) |  | 2,409,694 | 3.55\% |
| EQUITY INDEX FUNDS |  |  |  |
| US LARGE CAP INDEX |  | 698,724 | 1.03\% |
| US SMALL CAP INDEX |  | 234,453 | 0.35\% |
| GLOBAL EQUITY INDEX |  | 142,456 | 0.21\% |
| EMERGING MARKETS EQUITY INDEX |  | 105,780 | 0.16\% |
| TOTAL EQUITY INDEX FUNDS |  | 1,181,413 | 1.74\% |
| GUARANTEED INVESTMENT CONTRACTS |  |  |  |
| SAVINGS POOL |  | 1,050,527 | 1.55\% |
| TOTAL GUARANTEED INVESTMENT CONTRACTS |  | 1,050,527 | 1.55\% |
| BOND FUNDS |  |  |  |
| WASHINGTON STATE BOND FUND |  | 728,627 | 1.07\% |
| US SOCIALLY RESPONSIBLE FUND |  | 171,050 | 0.25\% |
| TOTAL BOND FUNDS |  | 899,677 | 1.32\% |
| MONEY MARKET FUNDS (IN DEFINED CONTRIBUTION PLANS) |  |  |  |
| WASHINGTON STATE MONEY MARKET FUND |  | 502,779 | 0.74\% |
| WSIB SHORT TERM INVESTMENT FUND |  | 239 | 0.00\% |
| TOTAL MONEY MARKET FUNDS (IN DEFINED CONTRIBUTION PLANS) |  | 503,018 | 0.74\% |
| LIFE ANNUITY |  |  |  |
| GE CAPITAL ASSURANCE |  | 5 | 0.00\% |
| TOTAL LIFE ANNUITY |  | 5 | 0.00\% |
| TOTAL INVESTMENTS | \$ | 67,866,133 | 100.00\% |

# Actuarial Section 



## State Actuary's Certification Letter

## Office of the State Actuary <br> "Securing tomorrow's pensions today."

September 12, 2012

Mr. Steve Hill
Director
Department of Retirement Systems
PO Box 48380
Olympia, Washington 98504-8380

## RE: ACTUARIAL CERTIFICATION LETTER

Dear Steve:
At your request, we prepared the following information for inclusion in the 2012 Comprehensive Annual Financial Report (CAFR):

* Number of Participating Members.
* Schedule of Active Member Valuation Data.
* Schedule of Changes to Retiree and Beneficiary Rolls.
* Distribution of Membership.
* Schedule of Benefit Recipients by Type of Benefit.
* Schedule of Average Benefit Payments to New Service Retirees.
* Financial Information - Funding Paragraph and Footnote.
* Note 2C: Funding Policy.
* Schedule of Funding Progress.
* Additional Information for the Defined Benefit Plans.
* Note 2D: Employer Contributions Required and Paid.
* Schedule of Contributions from Employers and Others.
* Summary of Actuarial Assumptions and Methods.
* Solvency Test.
* Analysis of Selected Experience.
* The Governmental Accounting Standards Board (GASB) 45

Requirements.

The primary purpose of this information is to satisfy the actuarial reporting requirements of GASB and the Government Finance Officers Association (GFOA). Readers should not use this information for other purposes.

We perform annual actuarial valuations on the plans included in the CAFR. We performed the most recent actuarial valuation in 2012 with a valuation date of June 30, 2011.

GASB requires the disclosure of Annual Required Contributions (ARC) versus actual contributions collected. The ARC and actual contributions collected are likely based on contribution rates determined at different times. Because of these potential timing differences the percentage of ARC contributed may not represent a true comparison of the actual contributions collected and the contributions recommended by the Office of the State Actuary.

The state's funding policy is found in Chapter 41.45 RCW - Actuarial Funding of State Retirement Systems. It includes the objectives to:

* Continue to fully fund the retirement system Plans 2 and 3, and the Washington State Patrol Retirement System (WSPRS), as provided by law.
* Amortize fully the total cost of: the Public Employees Retirement System (PERS) Plan 1 and the Teachers' Retirement System (TRS) Plan 1 over a rolling ten-year period with minimum contribution rates starting in 2015; and the Law Enforcement Officers' and Fire Fighters' (LEOFF) Plan 1 not later than June 30, 2024.

All retirement system Plans 2 and 3, WSPRS, and LEOFF Plan 1 are fully funded as of the latest actuarial valuation (used for funding but not accounting purposes). The 2009 Legislature enacted the current funding method for PERS Plan 1 and TRS Plan 1. The funding method is based upon a variation of the Entry Age Normal cost method. Provided the state and participating employers make the contributions required by the funding method, they will fully amortize the PERS Plan 1 and TRS Plan 1 unfunded actuarial accrued liability, as provided by law.

We prepared the required accounting disclosures in accordance with GASB statements 25, 27,43 , and 50 . We prepared all other items in accordance with generally accepted actuarial principles and actuarial standards of practice as of the date of this letter.

We relied on participant data provided by your department to perform the latest actuarial valuation. We checked the data for reasonableness as appropriate based on the purpose of the valuation. The Washington State Investment Board, your department, and the Office of

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MM. Steve Hill
Page 3 of 3
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the State Treasurer provided financial and asset information. The financial and asset information was audited. The participant data was not audited. I relied on all the information provided as complete and accurate. In my opinion, this information is adequate and substantially complete for purposes of this valuation. Please see the Actuarial Certification Letter in the 2011 Actuarial Valuation Report for additional information on the certification of the latest actuarial valuation results.

I certify, to the best of my knowledge, that the actuarial submissions in the 2012 CAFR meet the GFOA standards for actuarial reporting.

The undersigned, with actuarial credentials, meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

Sincerely,


Matthew M. Smith, FCA, EA, MAAA
State Actuary

## Summary of Plan Provisions (page 1 of 2):

A narrative summary of retirement plans managed by DRS is provided in Section B of Note 2 in the Financial Section of this CAFR. A tabular summary of key plan provisions as of June 30, 2012 is provided below.

| Plan | Membership Eligibility | Vesting | Retirement Eligibility | Benefit |
| :---: | :---: | :---: | :---: | :---: |
| PERS Plan 1 | State employees, elected officials, employees of local governments, legislative committees, community/ technical colleges, classified employees of school districts, district/municipal court judges, and some employees of the Supreme, Appeals and Superior Courts. (By 9/30/77) | After five years of eligible service | After 30 years of service, or at age 60 with five years of service, or at age 55 with 25 years of service | $2 \%$ of average final compensation (AFC) per year of service, capped at $60 \%$ of AFC <br> JBM Participants: <br> $3.5 \%$ of AFC per year of service, capped at $75 \%$ of AFC |
| PERS Plan 2 | Same as PERS Plan 1, except classified school district employees. (On or after 10/1/77 and new employees on or after 3/1/02 at state agencies and higher education, or on or after 9/1/02 at all other employers; who chose Plan 2) | After five years of eligible service | At age 65 with five years of service, or an actuarially reduced benefit at age 55 with 20 years of service | $2 \%$ of AFC per year of service <br> JBM Participants: <br> 3.5\% of AFC per year of service, capped at $75 \%$ of AFC |
| PERS Plan 3 | Same as PERS Plan 2. (On or after 10/1/77 and new employees on or after 3/1/02 at state agencies and higher education, or on or after 9/1/02 at all other employers; who chose Plan 3) | Varies | At age 65 if vested, or an actuarially reduced benefit at age 55 with 10 years of service (defined benefit portion) | $1 \%$ of AFC per year of service (defined benefit portion) <br> JBM Participants: <br> $1.6 \%$ of AFC per year of service, capped at $37.5 \%$ of AFC <br> The defined contribution portion depends on the member's contribution level and on investment performance. |
| SERS Plan 2 | All classified employees of school districts or educational service districts. (By 8/31/00 and employees on or after 7/1/07 with no past PERS Plan 2 service who chose Plan 2) | After five years of eligible service | At age 65 with five years of service, or an actuarially reduced benefit at age 55 with 20 years of service | $2 \%$ of AFC per year of service |
| SERS Plan 3 | All classified employees of school districts or educational service districts. (On or after 9/1/00 and employees on or after 7/1/07 with no past PERS Plan 2 service who chose Plan 3) | Varies | At age 65 if vested, or an actuarially reduced benefit at age 55 with 10 years of service (defined benefit portion) | $1 \%$ of AFC per year of service (defined benefit portion) <br> The defined contribution portion depends on the member's contribution level and on investment performance. |
| PSERS Plan 2 | All full-time public safety officers at select state agencies, counties and cities except Seattle, Spokane and Tacoma. (On or after 7/1/06) | After five years of eligible service | At age 65 with five years of service, at age 60 with 10 years of PSERS service, or at age 53 with 20 years of service reduced three percent for each year under age 60 | $2 \%$ of AFC per year of service |
| TRS Plan 1 | All certificated public school employees who work in an instructional, administrative or supervisory capacity. (By 9/30/77) | After five years of eligible service | Any age with 30 years of service, or at age 60 with five years of service, or at age 55 with 25 years of service | $2 \%$ of monthly AFC per year of service, capped at 60\% of monthly AFC <br> JBM Participants: <br> 3.5\% of monthly AFC per year of service, capped at 75\% of monthly AFC |

## Summary of Plan Provisions (page 2 of 2):

| Plan | Membership Eligibility | Vesting | Retirement Eligibility | Benefit |
| :---: | :---: | :---: | :---: | :---: |
| TRS Plan 2 | Same as TRS Plan 1. (On or after 10/1/77 and by 6/30/96, and employees on or after 7/1/07 who chose Plan 2) | After five years of eligible service | At age 65 with five years of service, or an actuarially reduced benefit at age 55 with 20 years of service | $2 \%$ of AFC per year of service |
| TRS Plan 3 | Same as TRS Plan 1. (On or after 7/1/96, and employees on or after 7/1/07 who chose Plan 3) | Varies | At age 65 if vested, or an actuarially reduced benefit at age 55 with 10 years of service (defined benefit portion) | $1 \%$ of AFC per year of service (defined benefit portion) <br> The defined contribution portion depends on the member's contribution level and on investment performance. |
| LEOFF Plan 1 | All full-time, fully compensated law enforcement officers and fire fighters. (By 9/30/77) | After five years of eligible service | At age 50 with five years of service | $20+$ years of service: $2 \%$ of final average salary (FAS) per year of service <br> 10-19 years of service: $1.5 \%$ of FAS per year of service <br> 5-9 years of service: 1\% of FAS per year of service |
| LEOFF Plan 2 | All full-time, fully compensated law enforcement officers, fire fighters and emergency medical technicians. (On or after 10/1/77) | After five years of eligible service | At age 53 with five years of service, or a benefit at age 50 with 20 years of service reduced 3\% for each year under age 53 | $2 \%$ of FAS per year of service |
| WSPRS Plan 1 | Commissioned employees of the Washington State Patrol. (On or after 8/1/47 and by 12/31/02) | No requirement for active members; after five years of eligible service for inactive members | At age 55 or after 25 years of service | $2 \%$ of average final salary (AFS) per year of service, capped at $75 \%$ of AFS. |
| WSPRS Plan 2 | Same as WSPRRS Plan 1. (On or after $1 / 1 / 03$ ) | No requirement for active members; after five years of eligible service for inactive members | At age 55 or after 25 years of service | $2 \%$ of AFS per year of service, capped at $75 \%$ of AFS. |
| JRS | Judges elected or appointed to the Supreme Court, the Court of Appeals and Superior Courts. (On or after $8 / 9 / 71$ and by $6 / 30 / 88$ - New judges on or after 7/1/88 join PERS) | After 15 years of service | At age 60 | 15 years of service: $3.5 \%$ of FAS per year of service, capped at $75 \%$ of FAS. <br> 10-14 years of service: $3 \%$ of FAS per year of service, capped at $75 \%$ of FAS |
| Judges | Judges elected or appointed to the Supreme Court, the Court of Appeals and Superior Courts. (By 8/8/71) | After 12 years of service | At age 70 with 10 years of service or any age with 18 years of service | 1/2 of the monthly salary |

DRS publishes handbooks describing the rights and benefits for each system and plan, including disability and survivor benefits. These handbooks are provided to members by their employers. They are also available from DRS and are on the DRS website at www.drs.wa.gov.

## Summary of Actuarial Assumptions and Methods

## 1. Actuarial assumptions and methods selection:

## Economic Assumptions and Methods:

Developed in accordance with Washington State law and the Pension Funding Council.

## Demographic Assumptions and Methods:

Derived by the Washington State Office of the State Actuary (OSA) and based on the 2001-2006 Experience Studies (adopted July 2008). Additional assumptions for subsequent events and law changes are current as of the 2011 actuarial valuation report.

## 2. Investment Return:

$7.9 \%$ per annum for all systems except LEOFF 2 ( $7.50 \%$ ) and JRS/Judges (4.00\%).

## 3. Mortality Tables (page 1 of 3):

Mortality rates are based on the RP-2000 Combined Healthy Table and Combined Disabled Table (except LEOFF Plan 1) published by the Society of Actuaries. OSA recognized future improvements in mortality by projecting the mortality rates using $50 \%$ of Scale AA (published by the Society of Actuaries) beginning with the 2007 valuation. JRS utilizes the PERS 1 mortality rates.

Probabilities of mortality are illustrated in the following tables.

Projected Healthy Mortality

|  | PERS |  |  |  | TRS |  |  |  | SERS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Plan 1-2018 |  | Plan 2/3-2031 |  | Plan 1-2018 |  | Plan 2/3-2036 |  | Plan 2/3-2030 |  |  |
| Offsets Age | $\begin{gathered} -1 \\ \text { Male } \end{gathered}$ | $-1$ <br> Female | $\begin{gathered} -1 \\ \text { Male } \end{gathered}$ | $-1$ | $\begin{gathered} -2 \\ \text { Male } \end{gathered}$ | $-2$ <br> Female | $\begin{gathered} -2 \\ \text { Male } \end{gathered}$ | $-2$ <br> Female | $\begin{gathered} 0 \\ \text { Male } \end{gathered}$ | $-2$ | Offsets Age |
| 20 | 0.0291\% | 0.0165\% | 0.0257\% | 0.0149\% | 0.0291\% | 0.0165\% | 0.0245\% | 0.0143\% | 0.0259\% | 0.0150\% | 20 |
| 25 | 0.0342\% | 0.0177\% | 0.0320\% | 0.0161\% | 0.0338\% | 0.0173\% | 0.0309\% | 0.0153\% | 0.0324\% | 0.0159\% | 25 |
| 30 | 0.0394\% | 0.0226\% | 0.0381\% | 0.0212\% | 0.0376\% | 0.0214\% | 0.0359\% | 0.0196\% | 0.0412\% | 0.0202\% | 30 |
| 35 | 0.0671\% | 0.0394\% | 0.0650\% | 0.0367\% | 0.0603\% | 0.0358\% | 0.0577\% | 0.0324\% | 0.0717\% | 0.0335\% | 35 |
| 40 | 0.0951\% | 0.0566\% | 0.0903\% | 0.0513\% | 0.0900\% | 0.0523\% | 0.0837\% | 0.0457\% | 0.0957\% | 0.0478\% | 40 |
| 45 | 0.1244\% | 0.0892\% | 0.1143\% | 0.0803\% | 0.1159\% | 0.0812\% | 0.1030\% | 0.0703\% | 0.1240\% | 0.0737\% | 45 |
| 50 | 0.1698\% | 0.1327\% | 0.1510\% | 0.1188\% | 0.1585\% | 0.1228\% | 0.1347\% | 0.1053\% | 0.1630\% | 0.1108\% | 50 |
| 55 | 0.2687\% | 0.2248\% | 0.2374\% | 0.2134\% | 0.2452\% | 0.2041\% | 0.2065\% | 0.1899\% | 0.2722\% | 0.1945\% | 55 |
| 60 | 0.5145\% | 0.4245\% | 0.4635\% | 0.4109\% | 0.4563\% | 0.3750\% | 0.3949\% | 0.3585\% | 0.5302\% | 0.3639\% | 60 |
| 65 | 0.9940\% | 0.8239\% | 0.9073\% | 0.7975\% | 0.8823\% | 0.7311\% | 0.7775\% | 0.6989\% | 1.0317\% | 0.7095\% | 65 |
| 70 | 1.7319\% | 1.4205\% | 1.5704\% | 1.3751\% | 1.5630\% | 1.2853\% | 1.3649\% | 1.2286\% | 1.7717\% | 1.2472\% | 70 |
| 75 | 2.9828\% | 2.3722\% | 2.7225\% | 2.2517\% | 2.6737\% | 2.1403\% | 2.3562\% | 1.9914\% | 3.0645\% | 2.0398\% | 75 |
| 80 | 5.2850\% | 3.8967\% | 4.9516\% | 3.7231\% | 4.7483\% | 3.5296\% | 4.3386\% | 3.3137\% | 5.5381\% | 3.3841\% | 80 |
| 85 | 9.3676\% | 6.5758\% | 8.9503\% | 6.3239\% | 8.4104\% | 5.9126\% | 7.8960\% | 5.6014\% | 9.9699\% | 5.7033\% | 85 |
| 90 | 16.0288\% | 11.5978\% | 15.6171\% | 11.3736\% | 14.5042\% | 10.4286\% | 13.9908\% | 10.1506\% | 17.2717\% | 10.2424\% | 90 |
| 95 | 24.5849\% | 17.9536\% | 24.2672\% | 17.7216\% | 22.9147\% | 16.7391\% | 22.5057\% | 16.4404\% | 25.9582\% | 16.5393\% | 95 |
| 100 | 32.9712\% | 23.1040\% | 32.9712\% | 23.1040\% | 31.4823\% | 22.3611\% | 31.4823\% | 22.3611\% | 34.4556\% | 22.3611\% | 100 |
| 105 | 39.2003\% | 27.9055\% | 39.2003\% | 27.9055\% | 38.3040\% | 26.6044\% | 38.3040\% | 26.6044\% | 39.7886\% | 26.6044\% | 105 |
| 110 | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 110 |

## 3. Mortality Tables (page 2 of 3):

Projected Healthy Mortality

|  | PSERSPlan 2-2038 |  | LEOFF |  |  |  | WSPRSPlan 1/2-2028 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Plan 1-2019 |  | Plan 2-2034 |  |  |  |  |
| Offsets Age | $\begin{gathered} -1 \\ \text { Male } \end{gathered}$ | $\begin{gathered} -1 \\ \text { Female } \end{gathered}$ | $\begin{gathered} -1 \\ \text { Male } \end{gathered}$ | $\begin{gathered} 1 \\ \text { Female } \end{gathered}$ | $\begin{gathered} -1 \\ \text { Male } \end{gathered}$ | $\begin{gathered} 1 \\ \text { Female } \end{gathered}$ | $\begin{gathered} -1 \\ \text { Male } \end{gathered}$ | $\begin{gathered} 1 \\ \text { Female } \end{gathered}$ | Offsets Age |
| 20 | 0.0240\% | 0.0141\% | 0.0288\% | 0.0165\% | 0.0249\% | 0.0146\% | 0.0264\% | 0.0153\% | 20 |
| 25 | 0.0309\% | 0.0154\% | 0.0340\% | 0.0188\% | 0.0316\% | 0.0169\% | 0.0325\% | 0.0176\% | 25 |
| 30 | 0.0375\% | 0.0204\% | 0.0393\% | 0.0280\% | 0.0378\% | 0.0260\% | 0.0384\% | 0.0268\% | 30 |
| 35 | 0.0638\% | 0.0353\% | 0.0669\% | 0.0462\% | 0.0645\% | 0.0425\% | 0.0654\% | 0.0440\% | 35 |
| 40 | 0.0878\% | 0.0487\% | 0.0948\% | 0.0671\% | 0.0892\% | 0.0599\% | 0.0914\% | 0.0627\% | 40 |
| 45 | 0.1092\% | 0.0759\% | 0.1236\% | 0.1048\% | 0.1121\% | 0.0929\% | 0.1166\% | 0.0975\% | 45 |
| 50 | 0.1417\% | 0.1119\% | 0.1683\% | 0.1577\% | 0.1469\% | 0.1388\% | 0.1551\% | 0.1460\% | 50 |
| 55 | 0.2220\% | 0.2075\% | 0.2662\% | 0.2872\% | 0.2307\% | 0.2704\% | 0.2443\% | 0.2770\% | 55 |
| 60 | 0.4381\% | 0.4038\% | 0.5104\% | 0.5544\% | 0.4524\% | 0.5340\% | 0.4748\% | 0.5420\% | 60 |
| 65 | 0.8637\% | 0.7837\% | 0.9871\% | 1.0445\% | 0.8883\% | 1.0060\% | 0.9266\% | 1.0213\% | 65 |
| 70 | 1.4898\% | 1.3512\% | 1.7189\% | 1.7689\% | 1.5353\% | 1.7038\% | 1.6063\% | 1.7295\% | 70 |
| 75 | 2.5919\% | 2.1894\% | 2.9620\% | 2.8695\% | 2.6657\% | 2.7021\% | 2.7805\% | 2.7679\% | 75 |
| 80 | 4.7808\% | 3.6329\% | 5.2585\% | 4.7507\% | 4.8777\% | 4.5073\% | 5.0266\% | 4.6032\% | 80 |
| 85 | 8.7333\% | 6.1923\% | 9.3349\% | 8.1706\% | 8.8566\% | 7.8106\% | 9.0449\% | 7.9526\% | 85 |
| 90 | 15.3997\% | 11.2547\% | 15.9968\% | 14.0538\% | 15.5235\% | 13.7409\% | 15.7111\% | 13.8652\% | 90 |
| 95 | 24.0979\% | 17.5980\% | 24.5603\% | 20.1512\% | 24.1945\% | 19.8510\% | 24.3402\% | 19.9705\% | 95 |
| 100 | 32.9712\% | 23.1040\% | 32.9712\% | 24.4834\% | 32.9712\% | 24.4834\% | 32.9712\% | 24.4834\% | 100 |
| 105 | 39.2003\% | 27.9055\% | 39.2003\% | 30.7811\% | 39.2003\% | 30.7811\% | 39.2003\% | 30.7811\% | 105 |
| 110 | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 110 |

## RP-2000 Mortality Rates 50\% Scale AA

Combined Healthy Table

| Age | Male | Female | Male | Female | Age |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{2 0}$ | $0.0345 \%$ | $0.0191 \%$ | $0.9500 \%$ | $0.8000 \%$ | $\mathbf{2 0}$ |
| $\mathbf{2 5}$ | $0.0376 \%$ | $0.0207 \%$ | $0.5000 \%$ | $0.7000 \%$ | $\mathbf{2 5}$ |
| $\mathbf{3 0}$ | $0.0444 \%$ | $0.0264 \%$ | $0.2500 \%$ | $0.5000 \%$ | $\mathbf{3 0}$ |
| $\mathbf{3 5}$ | $0.0773 \%$ | $0.0475 \%$ | $0.2500 \%$ | $0.5500 \%$ | $\mathbf{3 5}$ |
| $\mathbf{4 0}$ | $0.1079 \%$ | $0.0706 \%$ | $0.4000 \%$ | $0.7500 \%$ | $\mathbf{4 0}$ |
| $\mathbf{4 5}$ | $0.1508 \%$ | $0.1124 \%$ | $0.6500 \%$ | $0.8000 \%$ | $\mathbf{4 5}$ |
| $\mathbf{5 0}$ | $0.2138 \%$ | $0.1676 \%$ | $0.9000 \%$ | $0.8500 \%$ | $\mathbf{5 0}$ |
| $\mathbf{5 5}$ | $0.3624 \%$ | $0.2717 \%$ | $0.9500 \%$ | $0.4000 \%$ | $\mathbf{5 5}$ |
| $\mathbf{6 0}$ | $0.6747 \%$ | $0.5055 \%$ | $0.8000 \%$ | $0.2500 \%$ | $\mathbf{6 0}$ |
| $\mathbf{6 5}$ | $1.2737 \%$ | $0.9706 \%$ | $0.7000 \%$ | $0.2500 \%$ | $\mathbf{6 5}$ |
| $\mathbf{7 0}$ | $2.2206 \%$ | $1.6742 \%$ | $0.7500 \%$ | $0.2500 \%$ | $\mathbf{7 0}$ |
| $\mathbf{7 5}$ | $3.7834 \%$ | $2.8106 \%$ | $0.7000 \%$ | $0.4000 \%$ | $\mathbf{7 5}$ |
| $\mathbf{8 0}$ | $6.4368 \%$ | $4.5879 \%$ | $0.5000 \%$ | $0.3500 \%$ | $\mathbf{8 0}$ |
| $\mathbf{8 5}$ | $11.0757 \%$ | $7.7446 \%$ | $0.3500 \%$ | $0.3000 \%$ | $\mathbf{8 5}$ |
| $\mathbf{9 0}$ | $18.3408 \%$ | $13.1682 \%$ | $0.2000 \%$ | $0.1500 \%$ | $\mathbf{9 0}$ |
| $\mathbf{9 5}$ | $26.7491 \%$ | $19.4509 \%$ | $0.1000 \%$ | $0.1000 \%$ | $\mathbf{9 5}$ |
| $\mathbf{1 0 0}$ | $34.4556 \%$ | $23.7467 \%$ | $0.0500 \%$ | $0.0500 \%$ | $\mathbf{1 0 0}$ |
| $\mathbf{1 0 5}$ | $39.7886 \%$ | $29.3116 \%$ | $0.0000 \%$ | $0.0000 \%$ | $\mathbf{1 0 5}$ |
| $\mathbf{1 1 0}$ | $40.0000 \%$ | $36.4617 \%$ | $0.0000 \%$ | $0.0000 \%$ | $\mathbf{1 1 0}$ |

Mortality Tables (page 3 of 3):
Projected Disabled Mortality

|  | PERS |  |  |  | TRS |  |  |  | SERSPlan 2/3-2030 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Plan 1-2018 |  | Plan 2/3-2031 |  | Plan 1-2018 |  | Plan 2/3-2036 |  |  |  |  |
| Offsets Age | $\begin{gathered} 0 \\ \text { Male } \end{gathered}$ | $\begin{gathered} 0 \\ \text { Female } \end{gathered}$ | $\begin{gathered} 0 \\ \text { Male } \end{gathered}$ | $\begin{gathered} 0 \\ \text { Female } \end{gathered}$ | $\begin{gathered} 0 \\ \text { Male } \end{gathered}$ | $0$ <br> Female | $\begin{gathered} 0 \\ \text { Male } \end{gathered}$ | $\begin{gathered} 0 \\ \text { Female } \end{gathered}$ | $\begin{gathered} 0 \\ \text { Male } \end{gathered}$ | 0 <br> Female | Offsets Age |
| 20 | 1.9008\% | 0.6447\% | 1.6790\% | 0.5808\% | 1.9008\% | 0.6447\% | 1.6007\% | 0.5579\% | 1.6951\% | 0.5855\% | 20 |
| 25 | 2.0624\% | 0.6565\% | 1.9323\% | 0.5992\% | 2.0624\% | 0.6565\% | 1.8844\% | 0.5785\% | 1.9420\% | 0.6034\% | 25 |
| 30 | 2.1577\% | 0.6807\% | 2.0886\% | 0.6378\% | 2.1577\% | 0.6807\% | 2.0626\% | 0.6220\% | 2.0938\% | 0.6410\% | 30 |
| 35 | 2.1577\% | 0.6746\% | 2.0886\% | 0.6279\% | 2.1577\% | 0.6746\% | 2.0626\% | 0.6108\% | 2.0938\% | 0.6314\% | 35 |
| 40 | 2.1000\% | 0.6506\% | 1.9934\% | 0.5899\% | 2.1000\% | 0.6506\% | 1.9538\% | 0.5681\% | 2.0014\% | 0.5944\% | 40 |
| 45 | 2.0071\% | 0.6447\% | 1.8440\% | 0.5808\% | 2.0071\% | 0.6447\% | 1.7848\% | 0.5579\% | 1.8560\% | 0.5855\% | 45 |
| 50 | 2.4623\% | 0.9892\% | 2.1893\% | 0.8853\% | 2.4623\% | 0.9892\% | 2.0925\% | 0.8483\% | 2.2092\% | 0.8929\% | 50 |
| 55 | 2.9847\% | 1.5392\% | 2.6364\% | 1.4611\% | 2.9847\% | 1.5392\% | 2.5135\% | 1.4321\% | 2.6617\% | 1.4670\% | 55 |
| 60 | 3.6383\% | 2.0877\% | 3.2775\% | 2.0208\% | 3.6383\% | 2.0877\% | 3.1485\% | 1.9957\% | 3.3040\% | 2.0259\% | 60 |
| 65 | 4.4215\% | 2.6791\% | 4.0356\% | 2.5934\% | 4.4215\% | 2.6791\% | 3.8963\% | 2.5611\% | 4.0640\% | 2.5998\% | 65 |
| 70 | 5.4652\% | 3.5977\% | 4.9557\% | 3.4825\% | 5.4652\% | 3.5977\% | 4.7726\% | 3.4392\% | 4.9931\% | 3.4912\% | 70 |
| 75 | 7.2319\% | 4.8595\% | 6.6008\% | 4.6127\% | 7.2319\% | 4.8595\% | 6.3730\% | 4.5212\% | 6.6473\% | 4.6313\% | 75 |
| 80 | 9.9936\% | 6.7889\% | 9.3631\% | 6.4864\% | 9.9936\% | 6.7889\% | 9.1314\% | 6.3737\% | 9.4102\% | 6.5092\% | 80 |
| 85 | 13.2943\% | 9.4928\% | 12.7019\% | 9.1292\% | 13.2943\% | 9.4928\% | 12.4812\% | 8.9930\% | 12.7465\% | 9.1566\% | 85 |
| 90 | 17.6916\% | 13.6316\% | 17.2371\% | 13.3681\% | 17.6916\% | 13.6316\% | 17.0655\% | 13.2682\% | 17.2717\% | 13.3882\% | 90 |
| 95 | 26.2717\% | 19.1037\% | 25.9322\% | 18.8569\% | 26.2717\% | 19.1037\% | 25.8028\% | 18.7628\% | 25.9582\% | 18.8758\% | 95 |
| 100 | 34.4556\% | 23.7467\% | 34.4556\% | 23.7467\% | 34.4556\% | 23.7467\% | 34.4556\% | 23.7467\% | 34.4556\% | 23.7467\% | 100 |
| 105 | 39.7886\% | 29.3116\% | 39.7886\% | 29.3116\% | 39.7886\% | 29.3116\% | 39.7886\% | 29.3116\% | 39.7886\% | 29.3116\% | 105 |
| 110 | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 100.0000\% | 110 |



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## 4. Retirement (page 1 of 2):

Probabilities of service retirement are illustrated in the following tables.

|  | PERS |  |  |  |  |  | $\begin{gathered} \text { SERS } \\ \hline \text { Plan } 2 / 3^{*} \end{gathered}$ |  |  |  | $\begin{gathered} \text { PSERS } \\ \hline \text { Plan } 2 \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Plan 1 |  | Plan $2 / 3^{*}$ |  |  |  |  |  |  |  |  |
|  |  |  | Service Less Than 30 Years |  | Service Greater Than Or Equal To 30 Years |  | Service Less Than 30 Years |  | Service Greater Than Or Equal To 30 Years |  |  |  |  |  |  |
| Age | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Age |
| 50 | 53\% | 34\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 50 |
| 51 | 44\% | 34\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 51 |
| 52 | 44\% | 34\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 52 |
| 53 | 44\% | 30\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 3\% | 3\% | 53 |
| 54 | 44\% | 47\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 3\% | 3\% | 54 |
| 55 | 21\% | 22\% | 3\% | 3\% | 13\% | 14\% | 3\% | 3\% | 13\% | 14\% | 3\% | 3\% | 55 |
| 56 | 17\% | 17\% | 3\% | 3\% | 12\% | 12\% | 3\% | 3\% | 12\% | 12\% | 8\% | 8\% | 56 |
| 57 | 18\% | 18\% | 3\% | 3\% | 13\% | 13\% | 3\% | 3\% | 13\% | 13\% | 8\% | 8\% | 57 |
| 58 | 18\% | 17\% | 7\% | 3\% | 14\% | 13\% | 7\% | 3\% | 14\% | 13\% | 15\% | 11\% | 58 |
| 59 | 22\% | 32\% | 7\% | 3\% | 18\% | 28\% | 7\% | 3\% | 18\% | 28\% | 16\% | 12\% | 59 |
| 60 | 15\% | 17\% | 9\% | 9\% | 14\% | 15\% | 9\% | 9\% | 14\% | 15\% | 30\% | 36\% | 60 |
| 61 | 23\% | 21\% | 9\% | 12\% | 22\% | 20\% | 9\% | 12\% | 22\% | 20\% | 26\% | 26\% | 61 |
| 62 | 32\% | 29\% | 25\% | 22\% | 33\% | 29\% | 25\% | 22\% | 33\% | 29\% | 36\% | 36\% | 62 |
| 63 | 23\% | 21\% | 20\% | 20\% | 25\% | 25\% | 20\% | 20\% | 25\% | 25\% | 50\% | 50\% | 63 |
| 64 | 30\% | 26\% | 55\% | 55\% | 60\% | 60\% | 50\% | 50\% | 55\% | 55\% | 89\% | 89\% | 64 |
| 65 | 40\% | 39\% | 45\% | 45\% | 45\% | 45\% | 45\% | 45\% | 45\% | 45\% | 46\% | 31\% | 65 |
| 66 | 26\% | 22\% | 26\% | 25\% | 26\% | 25\% | 26\% | 25\% | 26\% | 25\% | 30\% | 30\% | 66 |
| 67 | 26\% | 23\% | 20\% | 22\% | 20\% | 22\% | 20\% | 22\% | 20\% | 22\% | 22\% | 26\% | 67 |
| 68 | 20\% | 22\% | 20\% | 23\% | 20\% | 23\% | 20\% | 23\% | 20\% | 23\% | 22\% | 26\% | 68 |
| 69 | 23\% | 25\% | 22\% | 21\% | 22\% | 21\% | 22\% | 21\% | 22\% | 21\% | 26\% | 22\% | 69 |
| 70 | 24\% | 20\% | 20\% | 23\% | 20\% | 23\% | 20\% | 23\% | 20\% | 23\% | 100\% | 100\% | 70 |
| 71 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 71 |
| 72 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 72 |
| 73 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 73 |
| 74 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 74 |
| 75 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 75 |
| 76 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 76 |
| 77 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 77 |
| 78 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 78 |
| 79 | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 20\% | 100\% | 100\% | 79 |
| 80 | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 80 |

*Approximately 50\% of those eligible to retire with at least 20, but less than 30 years of service in Plan 3 elect to defer their benefits.
4. Retirement (page 2 of 2 ):

|  | TRS |  |  |  |  |  |  |  |  |  | LEOFF |  |  | WSPRS <br> Plan $1 / 2$ | JRS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Plan 1 |  |  |  | Plan 2/3* |  |  |  |  |  | Plan 1 |  | Plan 2 |  |  |  |
|  | Service Not Equal To 30 Years |  | Service Equal To 30 Years |  | Service Less Than 30 Years |  | Service Equal To 30 Years |  | Service Greater Than 30 Years |  | Service Less Than 30 Years | Service Greater Than or Equal to 30 Years |  |  |  |  |
| Age | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male \& Female | Male \& Female |  <br> Female | Male \& Female | Male \& Female | Age |
| 50 | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 7\% | 14\% | 5\% | 28\% | 0\% | 50 |
| 51 | 0\% | 0\% | 0\% | 29\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 7\% | 14\% | 4\% | 23\% | 0\% | 51 |
| 52 | 0\% | 19\% | 38\% | 33\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 7\% | 14\% | 4\% | 23\% | 0\% | 52 |
| 53 | 24\% | 19\% | 38\% | 33\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 7\% | 15\% | 9\% | 23\% | 0\% | 53 |
| 54 | 24\% | 19\% | 38\% | 33\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 11\% | 19\% | 11\% | 23\% | 0\% | 54 |
| 55 | 24\% | 21\% | 38\% | 33\% | 3\% | 2\% | 24\% | 21\% | 15\% | 13\% | 12\% | 20\% | 14\% | 23\% | 0\% | 55 |
| 56 | 24\% | 21\% | 33\% | 33\% | 3\% | 3\% | 23\% | 23\% | 17\% | 15\% | 12\% | 21\% | 14\% | 23\% | 0\% | 56 |
| 57 | 24\% | 21\% | 33\% | 34\% | 3\% | 7\% | 25\% | 25\% | 18\% | 16\% | 15\% | 24\% | 14\% | 23\% | 0\% | 57 |
| 58 | 24\% | 22\% | 38\% | 34\% | 3\% | 7\% | 31\% | 27\% | 20\% | 18\% | 16\% | 25\% | 19\% | 20\% | 0\% | 58 |
| 59 | 24\% | 27\% | 43\% | 34\% | 3\% | 7\% | 38\% | 29\% | 21\% | 24\% | 16\% | 26\% | 19\% | 23\% | 0\% | 59 |
| 60 | 24\% | 22\% | 43\% | 34\% | 11\% | 9\% | 41\% | 32\% | 23\% | 21\% | 23\% | 33\% | 19\% | 23\% | 1\% | 60 |
| 61 | 24\% | 24\% | 48\% | 44\% | 11\% | 12\% | 48\% | 43\% | 24\% | 24\% | 25\% | 34\% | 24\% | 25\% | 1\% | 61 |
| 62 | 38\% | 29\% | 58\% | 58\% | 25\% | 25\% | 60\% | 60\% | 40\% | 35\% | 25\% | 33\% | 24\% | 25\% | 14\% | 62 |
| 63 | 29\% | 23\% | 50\% | 50\% | 20\% | 25\% | 50\% | 50\% | 30\% | 30\% | 25\% | 31\% | 24\% | 27\% | 14\% | 63 |
| 64 | 27\% | 25\% | 50\% | 50\% | 50\% | 45\% | 55\% | 50\% | 55\% | 50\% | 25\% | 30\% | 24\% | 33\% | 18\% | 64 |
| 65 | 40\% | 44\% | 70\% | 60\% | 50\% | 45\% | 50\% | 45\% | 50\% | 45\% | 25\% | 30\% | 24\% | 100\% | 30\% | 65 |
| 66 | 40\% | 36\% | 70\% | 60\% | 40\% | 30\% | 40\% | 30\% | 40\% | 30\% | 25\% | 29\% | 24\% | 100\% | 33\% | 66 |
| 67 | 33\% | 26\% | 70\% | 60\% | 35\% | 25\% | 35\% | 25\% | 35\% | 25\% | 25\% | 28\% | 24\% | 100\% | 18\% | 67 |
| 68 | 28\% | 30\% | 70\% | 60\% | 30\% | 25\% | 30\% | 25\% | 30\% | 25\% | 25\% | 27\% | 24\% | 100\% | 18\% | 68 |
| 69 | 28\% | 28\% | 70\% | 60\% | 30\% | 40\% | 30\% | 40\% | 30\% | 40\% | 25\% | 27\% | 24\% | 100\% | 18\% | 69 |
| 70 | 23\% | 35\% | 100\% | 45\% | 30\% | 25\% | 30\% | 25\% | 30\% | 25\% | 100\% | 100\% | 100\% | 100\% | 22\% | 70 |
| 71 | 20\% | 20\% | 100\% | 45\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 22\% | 71 |
| 72 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 22\% | 72 |
| 73 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 22\% | 73 |
| 74 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 22\% | 74 |
| 75 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 100\% | 75 |
| 76 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 100\% | 76 |
| 77 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 100\% | 77 |
| 78 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 100\% | 78 |
| 79 | 20\% | 20\% | 100\% | 100\% | 50\% | 25\% | 50\% | 25\% | 50\% | 25\% | 100\% | 100\% | 100\% | 100\% | 100\% | 79 |
| 80 | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 80 |

[^2]
## 5. Disablement:

Probabilities of disablement are illustrated in the following tables.

|  | PERS |  |  |  | SERS |  | PSERS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Plan 1* |  | Plan 2/3 |  | Plan 2/3 |  | Plan 2 |  |  |
| Age | Male | Female | Male | Female | Male | Female | Male | Female | Age |
| $\mathbf{2 0}$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $\mathbf{2 0}$ |
| $\mathbf{2 5}$ | $0.0000 \%$ | $0.0000 \%$ | $0.0052 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0052 \%$ | $0.0000 \%$ | $\mathbf{2 5}$ |
| $\mathbf{3 0}$ | $0.0000 \%$ | $0.0000 \%$ | $0.0115 \%$ | $0.0056 \%$ | $0.0000 \%$ | $0.0048 \%$ | $0.0115 \%$ | $0.0056 \%$ | $\mathbf{3 0}$ |
| $\mathbf{3 5}$ | $0.0310 \%$ | $0.0319 \%$ | $0.0156 \%$ | $0.0194 \%$ | $0.0081 \%$ | $0.0176 \%$ | $0.0156 \%$ | $0.0194 \%$ | $\mathbf{3 5}$ |
| $\mathbf{4 0}$ | $0.0762 \%$ | $0.0710 \%$ | $0.0235 \%$ | $0.0275 \%$ | $0.0258 \%$ | $0.0164 \%$ | $0.0235 \%$ | $0.0275 \%$ | $\mathbf{4 0}$ |
| $\mathbf{4 5}$ | $0.1481 \%$ | $0.1431 \%$ | $0.0476 \%$ | $0.0467 \%$ | $0.0568 \%$ | $0.0201 \%$ | $0.0476 \%$ | $0.0467 \%$ | $\mathbf{4 5}$ |
| $\mathbf{5 0}$ | $0.2542 \%$ | $0.3023 \%$ | $0.0922 \%$ | $0.1003 \%$ | $0.1102 \%$ | $0.0797 \%$ | $0.0922 \%$ | $0.1003 \%$ | $\mathbf{5 0}$ |
| $\mathbf{5 5}$ | $0.8240 \%$ | $0.6411 \%$ | $0.2630 \%$ | $0.2782 \%$ | $0.3175 \%$ | $0.2166 \%$ | $0.2630 \%$ | $0.2782 \%$ | $\mathbf{5 5}$ |
| $\mathbf{6 0}$ | $1.1701 \%$ | $0.6502 \%$ | $0.7603 \%$ | $0.7681 \%$ | $0.7200 \%$ | $0.5888 \%$ | $0.7603 \%$ | $0.7681 \%$ | $\mathbf{6 0}$ |
| $\mathbf{6 5}$ | $1.1701 \%$ | $0.5495 \%$ | $1.0244 \%$ | $1.0271 \%$ | $1.2600 \%$ | $0.4069 \%$ | $1.0244 \%$ | $1.0271 \%$ | $\mathbf{6 5}$ |
| $\mathbf{7 0}$ | $1.1701 \%$ | $0.5495 \%$ | $1.0244 \%$ | $1.0271 \%$ | $0.1260 \%$ | $0.1538 \%$ | $1.0244 \%$ | $1.0271 \%$ | $\mathbf{7 0}$ |
| $\mathbf{7 5}$ | $1.1701 \%$ | $0.5495 \%$ | $1.0244 \%$ | $1.0271 \%$ | $0.0126 \%$ | $0.0581 \%$ | $1.0244 \%$ | $1.0271 \%$ | $\mathbf{7 5}$ |
| $\mathbf{8 0}$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $0.0000 \%$ | $\mathbf{8 0}$ |

*10\% of all PERS Plans 1 disabilities are assumed to be duty related.

| Age | TRS |  |  |  | LEOFF |  | WSPRS <br> Plan $1 / 2^{\star *}$ <br>  <br> Female | JRS | Age |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Plan 1 |  | Plan 2/3 |  |  | Plan 2 <br>  <br> Female |  |  |  |
|  | Male | Female | Male | Female |  |  |  |  |  |
| 20 | 0.0013\% | 0.0014\% | 0.0003\% | 0.0003\% | 0.1000\% | 0.0124\% | 0.0256\% | *** | 20 |
| 25 | 0.0091\% | 0.0092\% | 0.0024\% | 0.0019\% | 0.1000\% | 0.0319\% | 0.0353\% | *** | 25 |
| 30 | 0.0187\% | 0.0190\% | 0.0048\% | 0.0040\% | 0.7968\% | 0.0779\% | 0.0488\% | *** | 30 |
| 35 | 0.0321\% | 0.0326\% | 0.0083\% | 0.0068\% | 1.4888\% | 0.1345\% | 0.0675\% | *** | 35 |
| 40 | 0.0428\% | 0.0434\% | 0.0111\% | 0.0091\% | 2.3471\% | 0.2266\% | 0.0933\% | $* * *$ | 40 |
| 45 | 0.0944\% | 0.0957\% | 0.0244\% | 0.0201\% | 4.0000\% | 0.2994\% | 0.1290\% | *** | 45 |
| 50 | 0.1634\% | 0.1656\% | 0.0422\% | 0.0347\% | 7.0000\% | 0.5635\% | 0.1783\% | *** | 50 |
| 55 | 0.3347\% | 0.3393\% | 0.1118\% | 0.0750\% | 9.0000\% | 0.7955\% | 0.2465\% | *** | 55 |
| 60 | 0.4686\% | 0.4750\% | 0.2500\% | 0.1875\% | 10.0000\% | 1.0041\% | 0.3408\% | $* * *$ | 60 |
| 65 | 0.7213\% | 0.7311\% | 0.2362\% | 0.1552\% | 10.0000\% | 1.1769\% | 0.0000\% | *** | 65 |
| 70 | 0.7213\% | 0.7311\% | 0.0334\% | 0.0283\% | 0.0000\% | 0.0000\% | 0.0000\% | *** | 70 |
| 75 | 0.7213\% | 0.7311\% | 0.0047\% | 0.0052\% | 0.0000\% | 0.0000\% | 0.0000\% | *** | 75 |
| 80 | 0.0000\% | 0.0000\% | 0.0000\% | 0.0000\% | 0.0000\% | 0.0000\% | 0.0000\% | *** | 80 |

[^3]
## 6. Termination:

Other Terminations of Employment: Probabilities of termination are illustrated in the following table.

|  | $\begin{gathered} \hline \text { PERS } \\ \hline \text { All Plans } \end{gathered}$ |  | $\begin{gathered} \hline \text { SERS } \\ \hline \text { All Plans } \end{gathered}$ |  | $\begin{aligned} & \hline \text { PSERS } \\ & \hline \text { Plan } 2 \end{aligned}$ |  | $\begin{gathered} \hline \text { TRS } \\ \hline \text { All Plans } \end{gathered}$ |  | LEOFF |  | WSPRS <br> All Plans | JRS | Years of Service |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Plan 1 | Plan 2 |  |  |  |  |  |  |  |
| Years of Service | Male | Female |  |  | Male | Female | Male | Female | Male | Female | Male \& Female | Male \& Female |  | Male \& Female | Male \& Female |
| 0 | 26.2397\% | 26.7698\% | 25.5974\% | 19.9030\% | 26.2397\% | 26.7698\% | 10.7968\% | 10.8867\% | 10.7153\% | 10.7033\% | 3.3365\% | 2.0000\% | 0 |
| 1 | 15.4534\% | 16.7747\% | 15.8775\% | 13.1281\% | 15.4534\% | 16.7747\% | 9.2756\% | 9.7130\% | 4.8178\% | 4.8058\% | 2.8665\% | 2.0000\% | 1 |
| 2 | 10.0683\% | 11.7007\% | 11.6915\% | 10.2908\% | 10.0683\% | 11.7007\% | 5.9747\% | 7.2137\% | 2.4604\% | 2.4484\% | 2.5639\% | 2.0000\% | 2 |
| 3 | 7.5236\% | 9.2904\% | 9.9510\% | 7.8600\% | 7.5236\% | 9.2904\% | 4.3174\% | 5.9168\% | 2.1731\% | 2.1611\% | 2.3870\% | 2.0000\% | 3 |
| 4 | 6.3052\% | 7.6024\% | 8.1055\% | 6.7558\% | 6.3052\% | 7.6024\% | 4.1379\% | 5.0333\% | 2.0554\% | 2.0434\% | 2.2614\% | 2.0000\% | 4 |
| 5 | 5.4443\% | 6.6544\% | 7.0001\% | 6.2423\% | 5.4443\% | 6.6544\% | 3.6574\% | 4.5110\% | 1.9806\% | 1.9686\% | 1.5865\% | 2.0000\% | 5 |
| 6 | 4.5887\% | 6.0712\% | 6.1045\% | 5.5595\% | 4.5887\% | 6.0712\% | 3.1921\% | 4.0204\% | 1.9379\% | 1.9259\% | 1.5069\% | 2.0000\% | 6 |
| 7 | 4.2956\% | 5.4587\% | 5.6497\% | 5.2581\% | 4.2956\% | 5.4587\% | 2.4566\% | 3.4185\% | 1.9344\% | 1.9224\% | 1.4396\% | 2.0000\% | 7 |
| 8 | 3.8441\% | 5.0026\% | 4.9878\% | 4.9707\% | 3.8441\% | 5.0026\% | 2.2431\% | 2.9563\% | 1.7982\% | 1.7862\% | 1.3813\% | 2.0000\% | 8 |
| 9 | 3.6120\% | 4.4536\% | 4.7679\% | 4.7491\% | 3.6120\% | 4.4536\% | 2.1313\% | 2.4037\% | 1.7549\% | 1.7429\% | 1.3299\% | 2.0000\% | 9 |
| 10 | 3.4062\% | 4.0754\% | 4.3892\% | 4.5725\% | 3.4062\% | 4.0754\% | 2.0225\% | 2.3050\% | 1.7151\% | 1.7031\% | 1.0034\% | 0.0000\% | 10 |
| 11 | 3.1228\% | 3.7102\% | 4.0911\% | 4.4832\% | 3.1228\% | 3.7102\% | 1.9121\% | 2.1650\% | 1.5263\% | 1.5143\% | 0.9618\% | 0.0000\% | 11 |
| 12 | 3.0279\% | 3.3673\% | 3.8637\% | 4.4156\% | 3.0279\% | 3.3673\% | 1.8631\% | 1.9982\% | 1.5122\% | 1.5002\% | 0.9238\% | 0.0000\% | 12 |
| 13 | 2.8580\% | 3.2309\% | 3.6863\% | 4.4032\% | 2.8580\% | 3.2309\% | 1.3880\% | 1.6962\% | 1.4522\% | 1.4402\% | 0.8889\% | 0.0000\% | 13 |
| 14 | 2.7921\% | 3.1248\% | 3.2877\% | 4.2560\% | 2.7921\% | 3.1248\% | 1.3353\% | 1.6596\% | 1.1562\% | 1.1442\% | 0.8566\% | 0.0000\% | 14 |
| 15 | 2.6640\% | 2.9525\% | 3.0517\% | 4.2740\% | 2.6640\% | 2.9525\% | 1.2356\% | 1.5984\% | 1.0816\% | 1.0696\% | 0.6999\% | 0.0000\% | 15 |
| 16 | 2.4254\% | 2.7411\% | 2.8186\% | 3.9160\% | 2.4254\% | 2.7411\% | 1.1763\% | 1.5336\% | 1.0571\% | 1.0451\% | 0.6718\% | 0.0000\% | 16 |
| 17 | 2.1960\% | 2.4231\% | 2.5793\% | 3.6424\% | 2.1960\% | 2.4231\% | 1.0705\% | 1.3331\% | 0.8522\% | 0.8402\% | 0.6453\% | 0.0000\% | 17 |
| 18 | 1.9650\% | 2.1981\% | 2.2867\% | 3.4565\% | 1.9650\% | 2.1981\% | 1.0276\% | 1.2106\% | 0.8696\% | 0.8576\% | 0.6204\% | 0.0000\% | 18 |
| 19 | 1.6561\% | 1.9927\% | 2.0112\% | 3.2224\% | 1.6561\% | 1.9927\% | 0.9342\% | 1.1378\% | 0.8644\% | 0.8524\% | 0.5968\% | 0.0000\% | 19 |
| 20 | 1.3551\% | 1.7270\% | 1.8112\% | 2.8822\% | 1.3551\% | 1.7270\% | 0.8641\% | 1.0689\% | 0.8773\% | 0.8653\% | 0.3269\% | 0.0000\% | 20 |
| 21 | 1.1848\% | 1.4418\% | 1.7086\% | 2.7134\% | 1.1848\% | 1.4418\% | 0.7229\% | 0.8065\% | 0.8544\% | 0.8424\% | 0.3056\% | 0.0000\% | 21 |
| 22 | 1.0082\% | 1.2500\% | 1.5797\% | 2.5300\% | 1.0082\% | 1.2500\% | 0.7090\% | 0.7507\% | 0.8178\% | 0.8058\% | 0.2853\% | 0.0000\% | 22 |
| 23 | 0.8454\% | 1.0608\% | 1.5356\% | 2.0548\% | 0.8454\% | 1.0608\% | 0.6964\% | 0.7282\% | 0.7594\% | 0.7474\% | 0.2659\% | 0.0000\% | 23 |
| 24 | 0.7544\% | 0.8007\% | 1.5275\% | 1.9208\% | 0.7544\% | 0.8007\% | 0.6974\% | 0.6871\% | 0.7248\% | 0.7128\% | 0.2473\% | 0.0000\% | 24 |
| 25 | 0.6909\% | 0.6627\% | 1.1837\% | 1.5628\% | 0.6909\% | 0.6627\% | 0.6776\% | 0.6864\% | 0.6671\% | 0.6551\% | 0.0000\% | 0.0000\% | 25 |
| 26 | 0.5537\% | 0.5548\% | 1.0103\% | 1.1826\% | 0.5537\% | 0.5548\% | 0.6634\% | 0.6591\% | 0.7674\% | 0.7554\% | 0.0000\% | 0.0000\% | 26 |
| 27 | 0.6646\% | 0.5862\% | 0.7945\% | 0.8882\% | 0.6646\% | 0.5862\% | 0.6491\% | 0.6487\% | 0.7033\% | 0.6913\% | 0.0000\% | 0.0000\% | 27 |
| 28 | 0.5876\% | 0.4781\% | 0.4945\% | 0.7339\% | 0.5876\% | 0.4781\% | 0.5385\% | 0.5369\% | 0.6222\% | 0.6102\% | 0.0000\% | 0.0000\% | 28 |
| 29 | 0.5174\% | 0.4290\% | 0.4945\% | 0.7339\% | 0.5174\% | 0.4290\% | 0.4563\% | 0.4634\% | 0.1841\% | 0.1721\% | 0.0000\% | 0.0000\% | 29 |
| 30+ | 0.4516\% | 0.3866\% | 0.4945\% | 0.7339\% | 0.4516\% | 0.3866\% | 0.3953\% | 0.3817\% | 0.1646\% | 0.1526\% | 0.0000\% | 0.0000\% | 30+ |

## 7. Future Salaries (page 1 of 2):

The following tables indicate the scale of relative salary values used to estimate future salaries for valuation purposes. In addition to increases in salary due to promotions and longevity, there is an assumed $3.75 \%$ per annum rate of increase in the general salary level of the membership. The salary ratio describes the final salary over the current salary.

Step Salary Increases

|  | PERS |  | SERS |  | PSERS |  | $\begin{gathered} \hline \text { TRS } \\ \hline \text { All Plans } \\ \hline \end{gathered}$ |  | LEOFF <br> All Plans |  | WSPRS <br> All Plans |  | Years of Service |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Plans |  | All Plans |  |  |  |  |  |  |  |  |  |  |
| Years of Service | Percent Increase | Salary <br> Ratio | Percent Increase | Salary Ratio | Percent Increase | Salary Ratio | Percent Increase | Salary Ratio | Percent Increase | Salary Ratio | Percent Increase | Salary Ratio |  |
| 0 | 6.1\% | 1.370 | 6.9\% | 1.385 | 6.1\% | 1.370 | 5.8\% | 1.584 | 11.0\% | 1.840 | 7.1\% | 1.626 | 0 |
| 1 | 6.1\% | 1.291 | 6.9\% | 1.295 | 6.1\% | 1.291 | 5.8\% | 1.497 | 11.0\% | 1.657 | 7.1\% | 1.519 | 1 |
| 2 | 4.8\% | 1.217 | 3.9\% | 1.212 | 4.8\% | 1.217 | 4.3\% | 1.415 | 7.7\% | 1.493 | 5.9\% | 1.418 | 2 |
| 3 | 3.8\% | 1.161 | 2.9\% | 1.166 | 3.8\% | 1.161 | 4.1\% | 1.357 | 6.1\% | 1.386 | 5.2\% | 1.339 | 3 |
| 4 | 2.9\% | 1.119 | 2.3\% | 1.133 | 2.9\% | 1.119 | 3.5\% | 1.303 | 4.0\% | 1.307 | 5.2\% | 1.273 | 4 |
| 5 | 2.2\% | 1.087 | 2.2\% | 1.108 | 2.2\% | 1.087 | 3.1\% | 1.259 | 2.8\% | 1.256 | 5.2\% | 1.210 | 5 |
| 6 | 1.5\% | 1.064 | 1.6\% | 1.084 | 1.5\% | 1.064 | 2.8\% | 1.221 | 2.0\% | 1.222 | 4.5\% | 1.150 | 6 |
| 7 | 1.1\% | 1.048 | 1.3\% | 1.067 | 1.1\% | 1.048 | 2.6\% | 1.188 | 1.6\% | 1.198 | 0.8\% | 1.100 | 7 |
| 8 | 0.9\% | 1.037 | 1.2\% | 1.053 | 0.9\% | 1.037 | 2.4\% | 1.158 | 1.5\% | 1.179 | 0.8\% | 1.092 | 8 |
| 9 | 0.7\% | 1.027 | 0.9\% | 1.041 | 0.7\% | 1.027 | 2.2\% | 1.131 | 1.4\% | 1.162 | 0.8\% | 1.083 | 9 |
| 10 | 0.5\% | 1.020 | 0.8\% | 1.031 | 0.5\% | 1.020 | 2.0\% | 1.107 | 1.7\% | 1.146 | 0.8\% | 1.074 | 10 |
| 11 | 0.4\% | 1.015 | 0.7\% | 1.023 | 0.4\% | 1.015 | 1.9\% | 1.085 | 1.3\% | 1.127 | 0.8\% | 1.066 | 11 |
| 12 | 0.3\% | 1.011 | 0.4\% | 1.016 | 0.3\% | 1.011 | 1.7\% | 1.065 | 1.3\% | 1.112 | 0.4\% | 1.057 | 12 |
| 13 | 0.2\% | 1.008 | 0.4\% | 1.012 | 0.2\% | 1.008 | 1.5\% | 1.047 | 1.3\% | 1.098 | 0.4\% | 1.053 | 13 |
| 14 | 0.2\% | 1.006 | 0.3\% | 1.008 | 0.2\% | 1.006 | 1.0\% | 1.031 | 1.3\% | 1.084 | 0.4\% | 1.049 | 14 |
| 15 | 0.2\% | 1.004 | 0.1\% | 1.005 | 0.2\% | 1.004 | 0.8\% | 1.021 | 1.3\% | 1.070 | 0.4\% | 1.045 | 15 |
| 16 | 0.2\% | 1.002 | 0.1\% | 1.004 | 0.2\% | 1.002 | 0.4\% | 1.013 | 1.1\% | 1.056 | 0.4\% | 1.041 | 16 |
| 17 | 0.0\% | 1.000 | 0.1\% | 1.003 | 0.0\% | 1.000 | 0.1\% | 1.009 | 1.1\% | 1.045 | 0.4\% | 1.037 | 17 |
| 18 | 0.0\% | 1.000 | 0.1\% | 1.002 | 0.0\% | 1.000 | 0.1\% | 1.008 | 1.1\% | 1.033 | 0.4\% | 1.032 | 18 |
| 19 | 0.0\% | 1.000 | 0.1\% | 1.001 | 0.0\% | 1.000 | 0.1\% | 1.007 | 1.1\% | 1.022 | 0.4\% | 1.028 | 19 |
| 20 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.1\% | 1.006 | 1.1\% | 1.011 | 0.4\% | 1.024 | 20 |
| 21 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.1\% | 1.005 | 0.0\% | 1.000 | 0.4\% | 1.020 | 21 |
| 22 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.1\% | 1.004 | 0.0\% | 1.000 | 0.4\% | 1.016 | 22 |
| 23 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.1\% | 1.003 | 0.0\% | 1.000 | 0.4\% | 1.012 | 23 |
| 24 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.1\% | 1.002 | 0.0\% | 1.000 | 0.4\% | 1.008 | 24 |
| 25 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.1\% | 1.001 | 0.0\% | 1.000 | 0.4\% | 1.004 | 25 |
| 26 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 26 |
| 27 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 27 |
| 28 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 28 |
| 29 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 29 |
| 30+ | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 0.0\% | 1.000 | 30+ |

## 7. Future Salaries (page 2 of 2):

## Relative Salary Values

|  | PERS/SERS/ PSERS | TRS | LEOFF 1 | LEOFF 2 | WSPRS | JRS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Annual Percent Increase | 4.74\% | 4.58\% | 5.05\% | 5.05\% | 4.74\% | 3.75\% |
| Attributed to Growth In Active Group Size | 0.95\% | 0.80\% | 1.25\% | 1.25\% | 0.95\% | 0.00\% |
| Attributed to the Effects of Inflation on Salaries | 3.75\% | 3.75\% | 3.75\% | 3.75\% | 3.75\% | 3.75\% |

## 8. Other specific assumptions that have a material impact on valuation results:

- Members of the following plans increase their Average Final Compensation by an average stated below by cashing out sick leave or annual leave pay, or by increasing overtime: PERS Plan 1 up to $4.5 \%$, TRS Plan 1 up to $1.0 \%$, and WSPRS Plan 1 up to $7.5 \%$.
- Post-retirement cost-of-living increases are assumed to be $3.0 \%$ each year for all plans including: LEOFF Plan 1 at $3.0 \%$, and qualifying PERS Plan 1/TRS Plan 1 receive a COLA on minimum benefit levels.
- LEOFF Plan 2 members are assumed to disable or die due to duty-related injury or illness at a rate which varies with age. For more details, contact the Office of the State Actuary.
- Other assumptions include the probability of a vested terminated member not withdrawing his or her contributions from the plan, the probability of being married, military service, single life annuity refund on death, and beneficiary age. More details on these and other assumptions can be obtained from the Office of the State Actuary.


## 9. Change in Assumptions

## Assumption Changes:

We changed the long-term economic assumptions for return on investment earnings, general salary growth, inflation rate, and system growth consistent with Pension Funding Council and LEOFF 2 Retirement Board adoptions in 2011, as well as law changes during the 2012 legislative session, as follows:

- The assumed return on investment earnings decreased from $8.00 \%$ for all plans to $7.90 \%$ (7.50\% for LEOFF 2).
- The assumed general salary growth decreased from $4.00 \%$ ( $4.50 \%$ for LEOFF 2 ) to $3.75 \%$ for all plans.
- The assumed rate of inflation decreased from $3.50 \%$ to $3.00 \%$ for all plans.
- The assumed system growth decreased from $1.25 \%$ ( $0.90 \%$ for TRS) to $0.95 \%$ ( $0.80 \%$ for TRS), while LEOFF remained at $1.25 \%$.

We changed the medical inflation assumption associated with non-pension benefits payable to members and survivors in LEOFF and WSPRS. Please see the 2011 Actuarial Valuation Report for additional details.

Method Changes:
None.

## 10. Actuarial Cost Method:

Valuation assets are at market value with annual gains and losses recognized on a graded scale over an eight-year period. Additionally, the actuarial value of assets may not exceed $130 \%$, nor drop below $70 \%$, of the market value of assets. JRS and Judges use the market value of assets for valuation assets.

## PERS Plan 1, TRS Plan 1, LEOFF Plan 1, JRS and Judges:

Funding (Actual Contributions): A variation of the Entry Age Normal (EAN) Cost Method is used for PERS Plan 1 and TRS Plan 1. The contribution toward the UAAL has been developed in the valuation as a level percentage of expected future covered payrolls which will amortize the UAAL over a rolling ten-year period. PERS Plan 1 amortizes the UAAL over all PERS, SERS, and PSERS payroll, including projected system growth. TRS Plan 1 amortizes the UAAL over all TRS payroll, including projected system growth. The UAAL rates have contribution rate ceilings effective 2009-2015. After 2015, PERS Plan 1 has a minimum UAAL rate of $3.50 \%$, and TRS Plan 1 has a minimum UAAL rate of $5.75 \%$. No contributions are required when the LEOFF Plan 1 is fully funded. JRS and Judges are funded on a pay-as-you-go basis.

Disclosure (Annual Required Contributions): The funding method described in the previous paragraph for PERS Plan 1 and TRS Plan 1 is not an acceptable method for the GASB Statement Number 25 disclosures since it includes payroll outside the plan. In order to meet GASB Statement Number 25 requirements, the Entry Age cost method has been used for these plans. The UAAL is amortized as a level dollar amount over the applicable amortization period. PERS Plan 1 and TRS Plan 1 use a rolling ten-year amortization period. We report annual required contributions for JRS and Judges under the Entry Age Cost Method with a rolling five-year amortization period.

PERS Plan 2/3, SERS Plan 2/3, TRS Plan 2/3, PSERS Plan 2, LEOFF Plan 2, and WSPRS:
The Aggregate Actuarial Cost Method is used to calculate the contribution rates. Under this method the unfunded actuarial present value of fully projected benefits is amortized over the projected earnings of the active group. The entire contribution is normal cost, and no UAAL exists. All gains and losses are amortized over future salaries of current active members. PERS Plan $2 / 3$, TRS Plan $2 / 3$, SERS Plan $2 / 3$ and PSERS Plan 2 minimum contribution rates are based upon $80 \%$ of the Entry Age Normal Cost Rate (EANC). WSPRS minimum contribution rates are based upon $70 \%$ of the EANC. Similarly, LEOFF Plan 2 minimum contribution rates are based upon $90 \%$ of the EANC.

## 11. Change in Funding Policy:

None

## 12. Material Changes in Benefit Provisions and Contribution Rates:

The GASB disclosure contribution rates are based on the latest actuarial valuations as of June 30, 2011.
The following laws, enacted in 2012, had an immediate impact on the latest actuarial valuation contribution rates:

- Civil Marriages (Chapter 3, Laws of 12)
- Pension Reform (Chapter 7, Laws of 12)
- Dept. Fish \& Wildlife Service Credit Transfer (Chapter 248, Laws of 12)
- WSP Service Credit Transfer (Chapter 72, Laws of 12)


## Additional Actuarial Schedules

Schedule of Active Member Valuation Data: PERS Plan 1

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized $\%$ <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 7,733 | $\$ 431.8$ | $\$ 55,842$ | $(0.9) \%$ |
| $6 / 30 / 10$ | 9,007 | 507.3 | 56,324 | $0.5 \%$ |
| $6 / 30 / 09$ | 10,354 | 580.2 | 56,034 | $2.4 \%$ |
| $6 / 30 / 08$ | 11,663 | 638.5 | 54,743 | $5.0 \%$ |
| $6 / 30 / 07$ | 12,975 | 676.4 | 52,130 | $2.1 \%$ |
| $9 / 30 / 06$ | 14,213 | 725.5 | 51,042 | $3.6 \%$ |

Schedule of Active Member Valuation Data: PERS Plan 2

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 117,096 | $\$ 6,679.4$ | $\$ 57,042$ | $1.3 \%$ |
| $6 / 30 / 10$ | 119,826 | $6,748.3$ | 56,317 | $2.0 \%$ |
| $6 / 30 / 09$ | 121,800 | $6,723.9$ | 55,204 | $4.1 \%$ |
| $6 / 30 / 08$ | 123,285 | $6,537.5$ | 53,028 | $6.5 \%$ |
| $6 / 30 / 07$ | 120,625 | $6,004.6$ | 49,779 | $2.9 \%$ |
| $9 / 30 / 06$ | 118,341 | $5,726.6$ | 48,391 | $4.3 \%$ |

Schedule of Active Member Valuation Data: PERS Plan 3

| Valuation Date | Active <br> Members | Annual Payroll in Millions | Average Annual Pay | Annualized \% Increase in Average Pay |
| :---: | :---: | :---: | :---: | :---: |
| 6/30/11 | 27,588 | \$1,468.9 | \$53,245 | 1.1\% |
| 6/30/10 | 27,693 | 1,458.0 | 52,647 | 1.2\% |
| 6/30/09 | 27,081 | 1,408.4 | 52,006 | 4.3\% |
| 6/30/08 | 26,720 | 1,331.7 | 49,840 | 5.7\% |
| 6/30/07 | 24,422 | 1,152.0 | 47,172 | 1.5\% |
| 9/30/06 | 22,473 | 1,043.9 | 46,452 | 3.6\% |

Schedule of Active Member Valuation Data: SERS Plan 2

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 20,784 | $\$ 591.4$ | $\$ 28,453$ | $0.6 \%$ |
| $6 / 30 / 10$ | 20,358 | 576.0 | 28,293 | $0.8 \%$ |
| $6 / 30 / 09$ | 20,197 | 567.0 | 28,072 | $3.5 \%$ |
| $6 / 30 / 08$ | 19,264 | 522.4 | 27,118 | $2.2 \%$ |
| $6 / 30 / 07$ | 17,767 | 471.4 | 26,531 | $4.3 \%$ |
| $9 / 30 / 06$ | 18,464 | 469.5 | 25,426 | $3.8 \%$ |

Schedule of Active Member Valuation Data: SERS Plan 3

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 31,548 | $\$ 898.6$ | $\$ 28,483$ | $1.3 \%$ |
| $6 / 30 / 10$ | 31,981 | 899.0 | 28,110 | $0.9 \%$ |
| $6 / 30 / 09$ | 32,277 | 899.5 | 27,869 | $5.7 \%$ |
| $6 / 30 / 08$ | 32,510 | 857.1 | 26,364 | $7.4 \%$ |
| $6 / 30 / 07$ | 33,058 | 811.4 | 24,544 | $2.7 \%$ |
| $9 / 30 / 06$ | 32,354 | 773.4 | 23,905 | $1.9 \%$ |

Schedule of Active Member Valuation Data: PSERS Plan 2*

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay |
| :---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 4,187 | $\$ 232.8$ | Annualized $\%$ <br> Increase in <br> Average Pay |
| $6 / 30 / 10$ | 4,210 | 227.4 | 54,597 |
| $6 / 30 / 09$ | 4,340 | 223.4 | 31,476 |
| $6 / 30 / 08$ | 3,981 | 200.0 | 50,231 |
| $6 / 30 / 07$ | 2,755 | 134.2 | 48,710 |
| $9 / 30 / 06$ | 2,073 | 103.1 | 49,714 |

Schedule of Active Member Valuation Data: TRS Plan 1

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 3,740 | $\$ 284.2$ | $\$ 75,994$ | $1.4 \%$ |
| $6 / 30 / 10$ | 4,591 | 344.0 | 74,930 | $0.3 \%$ |
| $6 / 30 / 09$ | 5,204 | 388.8 | 74,707 | $4.7 \%$ |
| $6 / 30 / 08$ | 6,061 | 432.4 | 71,340 | $6.0 \%$ |
| $6 / 30 / 07$ | 6,331 | 426.1 | 67,310 | $3.9 \%$ |
| $9 / 30 / 06$ | 7,382 | 478.3 | 64,796 | $2.0 \%$ |

Schedule of Active Member Valuation Data: TRS Plan 2

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 10,285 | $\$ 648.2$ | $\$ 63,025$ | $(0.6) \%$ |
| $6 / 30 / 10$ | 9,442 | 598.8 | 63,423 | $(1.3) \%$ |
| $6 / 30 / 09$ | 9,174 | 589.3 | 64,239 | $1.9 \%$ |
| $6 / 30 / 08$ | 8,103 | 510.8 | 63,043 | $1.3 \%$ |
| $6 / 30 / 07$ | 6,752 | 420.1 | 62,213 | $5.2 \%$ |
| $9 / 30 / 06$ | 6,983 | 413.1 | 59,164 | $3.1 \%$ |

Schedule of Active Member Valuation Data: TRS Plan 3

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 52,178 | $\$ 3,436.7$ | $\$ 65,866$ | $2.3 \%$ |
| $6 / 30 / 10$ | 52,292 | $3,366.7$ | 64,382 | $1.3 \%$ |
| $6 / 30 / 09$ | 53,010 | $3,367.9$ | 63,534 | $6.9 \%$ |
| $6 / 30 / 08$ | 52,360 | $3,110.6$ | 59,408 | $6.3 \%$ |
| $6 / 30 / 07$ | 51,856 | $5,897.6$ | 55,879 | $6.1 \%$ |
| $9 / 30 / 06$ | 53,371 | $2,812.0$ | $2.5 \%$ |  |

Schedule of Active Member Valuation Data: LEOFF Plan 1

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 250 | $\$ 24.5$ | $\$ 98,078$ | $1.4 \%$ |
| $6 / 30 / 10$ | 301 | 29.1 | 96,686 | $3.2 \%$ |
| $6 / 30 / 09$ | 356 | 33.3 | 93,679 | $6.4 \%$ |
| $6 / 30 / 08$ | 421 | 37.1 | 88,070 | $5.8 \%$ |
| $6 / 30 / 07$ | 513 | 42.7 | 83,262 | $3.3 \%$ |
| $9 / 30 / 06$ | 596 | 48.1 | 80,630 | $4.5 \%$ |

Schedule of Active Member Valuation Data: LEOFF Plan 2

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 16,805 | $\$ 1,534.7$ | $\$ 91,322$ | $2.8 \%$ |
| $6 / 30 / 10$ | 16,775 | $1,490.1$ | 88,828 | $4.4 \%$ |
| $6 / 30 / 09$ | 16,951 | $1,442.5$ | 85,097 | $5.2 \%$ |
| $6 / 30 / 08$ | 16,626 | $1,344.9$ | 80,889 | $5.6 \%$ |
| $6 / 30 / 07$ | 16,099 | $1,233.7$ | 76,632 | $2.8 \%$ |
| $9 / 30 / 06$ | 15,718 | $1,172.0$ | 74,562 | $3.5 \%$ |

Schedule of Active Member Valuation Data: WSPRS Plan 1

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 767 | $\$ 61.3$ | $\$ 79,983$ | $(0.3) \%$ |
| $6 / 30 / 10$ | 806 | 64.6 | 80,197 | $0.1 \%$ |
| $6 / 30 / 09$ | 830 | 66.5 | 80,115 | $4.4 \%$ |
| $6 / 30 / 08$ | 851 | 65.3 | 76,751 | $6.7 \%$ |
| $6 / 30 / 07$ | 885 | 63.6 | 71,907 | $3.3 \%$ |
| $9 / 30 / 06$ | 906 | 63.1 | 69,606 | $6.7 \%$ |

Schedule of Active Member Valuation Data: WSPRS Plan 2

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 315 | $\$ 20.2$ | $\$ 64,103$ | $0.7 \%$ |
| $6 / 30 / 10$ | 281 | 17.9 | 63,660 | $1.7 \%$ |
| $6 / 30 / 09$ | 264 | 16.5 | 62,583 | $9.3 \%$ |
| $6 / 30 / 08$ | 234 | 13.4 | 57,233 | $5.7 \%$ |
| $6 / 30 / 07$ | 152 | 8.2 | 54,162 | $3.6 \%$ |
| $9 / 30 / 06$ | 116 | 6.1 | 52,278 | $8.3 \%$ |
|  |  |  |  |  |

## Schedule of Active Member Valuation Data: JRS

| Valuation <br> Date | Active <br> Members | Annual Payroll <br> in Millions | Average <br> Annual Pay | Annualized \% <br> Increase in <br> Average Pay |
| ---: | ---: | ---: | ---: | ---: |
| $6 / 30 / 11$ | 3 | $\$ 0.5$ | $\$ 153,962$ | $1.4 \%$ |
| $6 / 30 / 10$ | 5 | 0.8 | 151,908 | $0.7 \%$ |
| $6 / 30 / 09$ | 9 | 1.4 | 150,870 | $6.0 \%$ |
| $6 / 30 / 08$ | 10 | 1.4 | 142,328 | $5.9 \%$ |
| $6 / 30 / 07$ | 11 | 1.5 | 134,386 | $2.2 \%$ |
| $9 / 30 / 06$ | 11 | 1.4 | 131,436 | $3.0 \%$ |

Note: Averages are based on actual, not rounded amounts.
Source: Washington State Office of the State Actuary

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: PERS Plan 1

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | $\begin{array}{r} \text { Percentage } \\ \text { Increase in } \\ \text { Annual Allowance } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 1,829 | \$49,678,585 | 2,307 | \$31,131,283 | 53,264 | \$1,151,599,650 | \$21,621 | 3.6\% |
| 6/30/10 | 1,891 | 48,714,779 | 2,296 | 30,635,880 | 53,742 | 1,112,108,596 | 20,693 | 3.5\% |
| 6/30/09 | 1,824 | 47,679,971 | 2,258 | 28,065,463 | 54,147 | 1,073,997,138 | 19,835 | 3.7\% |
| 6/30/08 | 2,138 | 54,916,521 | 2,243 | 27,122,179 | 54,581 | 1,035,876,249 | 18,979 | 4.6\% |
| 6/30/07 | 1,555 | 41,444,329 | 1,703 | 19,287,556 | 54,686 | 989,949,533 | 18,102 | 2.5\% |
| 9/30/06 | 2,345 | 58,991,956 | 2,306 | 25,314,598 | 54,834 | 966,044,139 | 17,618 | 5.3\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: PERS Plan 2

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | Percentage Increase in Annual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual <br> Allowances | Number | Annual Allowances | Number | Annual <br> Allowances |  |  |
| 6/30/11 | 3,206 | \$59,754,016 | 538 | \$5,248,298 | 24,711 | \$320,615,736 | \$12,975 | 23.2\% |
| 6/30/10 | 2,732 | 45,416,589 | 479 | 4,302,408 | 22,043 | 260,152,502 | 11,802 | 21.8\% |
| 6/30/09 | 2,461 | 37,668,755 | 469 | 3,848,756 | 19,790 | 213,544,944 | 10,791 | 22.0\% |
| 6/30/08 | 2,215 | 27,458,079 | 376 | 2,944,525 | 17,798 | 175,102,432 | 9,838 | 19.4\% |
| 6/30/07 | 1,363 | 16,027,735 | 285 | 2,398,926 | 15,959 | 146,703,879 | 9,193 | 10.3\% |
| 9/30/06 | 1,753 | 19,273,543 | 343 | 2,418,970 | 14,881 | 132,989,872 | 8,937 | 17.9\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: PERS Plan 3

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | Percentage Increase in Annual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 289 | \$2,750,573 | 15 | \$115,610 | 1,388 | \$10,366,918 | \$7,469 | 36.8\% |
| 6/30/10 | 211 | 1,847,618 | 17 | 105,335 | 1,114 | 7,575,590 | 6,800 | 33.1\% |
| 6/30/09 | 188 | 1,431,296 | 11 | 68,324 | 920 | 5,691,504 | 6,186 | 34.6\% |
| 6/30/08 | 153 | 973,585 | 9 | 39,824 | 743 | 4,227,474 | 5,690 | 31.2\% |
| 6/30/07 | 120 | 767,458 | 7 | 36,995 | 599 | 3,222,482 | 5,380 | 29.4\% |
| 9/30/06 | 149 | 788,987 | 6 | 28,021 | 486 | 2,490,907 | 5,125 | 48.2\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: SERS Plan 2

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | Percentage Increase in Annual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 560 | \$5,481,726 | 48 | \$331,627 | 3,823 | \$32,224,861 | \$8,429 | 21.8\% |
| 6/30/10 | 482 | 4,325,732 | 41 | 339,774 | 3,311 | 26,455,961 | 7,990 | 20.9\% |
| 6/30/09 | 454 | 3,836,380 | 32 | 197,969 | 2,870 | 21,890,772 | 7,627 | 23.0\% |
| 6/30/08 | 450 | 3,526,561 | 28 | 186,696 | 2,448 | 17,799,193 | 7,271 | 26.1\% |
| 6/30/07 | 231 | 1,721,633 | 20 | 112,108 | 2,026 | 14,110,609 | 6,965 | 13.0\% |
| 9/30/06 | 410 | 2,890,809 | 21 | 120,279 | 1,815 | 12,492,085 | 6,883 | 32.2\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: SERS Plan 3

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | PercentageIncrease inAnnual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 553 | \$3,038,825 | 21 | \$73,455 | 2,605 | \$11,667,747 | \$4,479 | 37.2\% |
| 6/30/10 | 332 | 1,614,718 | 18 | 51,140 | 2,073 | 8,504,426 | 4,102 | 25.6\% |
| 6/30/09 | 346 | 1,552,969 | 12 | 36,518 | 1,759 | 6,768,866 | 3,848 | 31.9\% |
| 6/30/08 | 325 | 1,370,967 | 15 | 57,309 | 1,425 | 5,130,021 | 3,600 | 37.5\% |
| 6/30/07 | 178 | 695,857 | 6 | 14,025 | 1,115 | 3,730,124 | 3,345 | 22.7\% |
| 9/30/06 | 246 | 830,604 | 8 | 24,025 | 943 | 3,040,090 | 3,224 | 39.5\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: PSERS Plan 2*

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | PercentageIncrease inAnnual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 8 | \$25,844 | - | \$- | 15 | \$39,355 | \$2,624 | 192.3\% |
| 6/30/10 | 5 | 10,383 | - | - | 7 | 13,465 | 1,924 | 339.7\% |
| 6/30/09 | 1 | 2,409 | - | - | 2 | 3,062 | 1,531 | 368.9\% |
| 6/30/08 | 1 | 653 | - | - | 1 | 653 | 653 | 0.0\% |
| 6/30/07 | - | - | - | - | - | - | - | - |
| 9/30/06 | - | - | - | - | - | - | - | - |
| *PSERS 2 became effective July 1, 2006 |  |  |  |  |  |  |  |  |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: TRS Plan 1

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | $\begin{array}{r} \text { Percentage } \\ \text { Increase in } \\ \text { Annual Allowance } \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 1,161 | \$37,444,310 | 1,058 | \$18,622,578 | 36,118 | \$863,605,633 | \$23,911 | 4.0\% |
| 6/30/10 | 947 | 27,363,548 | 964 | 16,376,709 | 36,015 | 829,998,363 | 23,046 | 3.2\% |
| 6/30/09 | 1,193 | 33,860,034 | 1,040 | 16,463,852 | 36,032 | 804,572,786 | 22,329 | 3.9\% |
| 6/30/08 | 1,564 | 43,927,319 | 1,069 | 16,443,154 | 35,879 | 774,340,924 | 21,582 | 5.2\% |
| 6/30/07 | 370 | 6,636,490 | 731 | 11,088,213 | 35,384 | 735,750,464 | 20,793 | (0.7)\% |
| 9/30/06 | 1,522 | 41,976,669 | 1,041 | 15,570,734 | 35,745 | 740,789,520 | 20,724 | 5.1\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: TRS Plan 2

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | Percentage Increase in Annual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 362 | \$7,470,573 | 25 | \$307,667 | 2,657 | \$46,085,043 | \$17,345 | 21.3\% |
| 6/30/10 | 249 | 5,208,999 | 33 | 383,886 | 2,320 | 37,984,977 | 16,373 | 17.7\% |
| 6/30/09 | 246 | 4,939,050 | 21 | 265,215 | 2,104 | 32,273,082 | 15,339 | 20.2\% |
| 6/30/08 | 244 | 4,076,287 | 29 | 323,867 | 1,879 | 26,844,925 | 14,287 | 19.5\% |
| 6/30/07 | 105 | 1,426,931 | 15 | 141,168 | 1,664 | 22,470,949 | 13,504 | 6.2\% |
| 9/30/06 | 239 | 3,646,802 | 16 | 140,601 | 1,574 | 21,157,013 | 13,442 | 23.5\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: TRS Plan 3

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | Percentage Increase in Annual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 714 | \$8,168,048 | 15 | \$132,216 | 2,934 | \$27,425,422 | \$9,347 | 44.5\% |
| 6/30/10 | 454 | 4,632,283 | 10 | 73,282 | 2,235 | 18,983,833 | 8,494 | 34.9\% |
| 6/30/09 | 408 | 4,058,520 | 9 | 60,319 | 1,791 | 14,073,479 | 7,858 | 43.2\% |
| 6/30/08 | 360 | 3,056,652 | 11 | 78,741 | 1,392 | 9,828,264 | 7,061 | 47.1\% |
| 6/30/07 | 115 | 826,838 | 5 | 17,533 | 1,043 | 6,680,207 | 6,405 | 13.9\% |
| 9/30/06 | 233 | 1,707,380 | 6 | 34,323 | 933 | 5,863,113 | 6,284 | 44.0\% |

## Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: LEOFF Plan 1

|  | Added to Rolls |  |  | Removed from Rolls |  |  | Rolls-End of Year |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

## Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: LEOFF Plan 2

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | Percentage Increase in Annual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 389 | \$15,718,562 | 13 | \$333,059 | 2,015 | \$65,459,659 | \$32,486 | 33.8\% |
| 6/30/10 | 285 | 10,278,954 | 13 | 332,332 | 1,639 | 48,926,257 | 29,851 | 29.2\% |
| 6/30/09 | 243 | 8,478,268 | 10 | 216,179 | 1,367 | 37,876,404 | 27,708 | 31.0\% |
| 6/30/08 | 227 | 6,985,801 | 17 | 279,908 | 1,134 | 28,904,921 | 25,489 | 33.7\% |
| 6/30/07 | 153 | 4,353,299 | 8 | 144,930 | 924 | 21,611,590 | 23,389 | 24.3\% |
| 9/30/06 | 211 | 5,655,854 | 6 | 89,270 | 779 | 17,388,315 | 22,321 | 51.4\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: WSPRS Plan 1

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | $\begin{array}{r} \text { Percentage } \\ \text { Increase in } \\ \text { Annual Allowance } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | 42 | \$1,918,898 | 18 | \$476,475 | 875 | \$38,597,849 | \$44,112 | 5.1\% |
| 6/30/10 | 33 | 1,549,594 | 16 | 489,562 | 851 | 36,718,045 | 43,147 | 6.0\% |
| 6/30/09 | 15 | 710,502 | 12 | 377,080 | 834 | 34,636,899 | 41,531 | 4.0\% |
| 6/30/08 | 28 | 1,152,618 | 18 | 541,668 | 831 | 33,303,079 | 40,076 | 4.8\% |
| 6/30/07 | 22 | 801,594 | 9 | 182,796 | 821 | 31,779,147 | 38,708 | 2.1\% |
| 9/30/06 | 28 | 1,101,085 | 12 | 321,334 | 808 | 31,134,976 | 38,533 | 6.3\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: JRS

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | Percentage Increase in Annual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual <br> Allowances | Number | Annual <br> Allowances | Number | Annual <br> Allowances |  |  |
| 6/30/11 | 4 | \$285,689 | 5 | \$400,572 | 124 | \$9,745,840 | \$78,595 | 0.1\% |
| 6/30/10 | 10 | 700,776 | 9 | 626,362 | 125 | 9,733,805 | 77,870 | 3.5\% |
| 6/30/09 | 4 | 276,433 | 7 | 497,241 | 124 | 9,401,392 | 75,818 | 0.4\% |
| 6/30/08 | 4 | 267,383 | 7 | 374,274 | 127 | 9,359,660 | 73,698 | 1.7\% |
| 6/30/07 | 3 | 160,260 | 5 | 392,686 | 130 | 9,201,726 | 70,783 | (2.5)\% |
| 9/30/06 | 6 | 385,845 | 5 | 376,793 | 132 | 9,434,152 | 71,471 | 3.0\% |

Schedule of Retirees and Beneficiaries Added to and Removed From Rolls: Judges

| Year Ended | Added to Rolls |  | Removed from Rolls |  | Rolls-End of Year |  | Average Annual Allowance | PercentageIncrease inAnnual Allowance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances | Number | Annual <br> Allowances | Number | Annual Allowances |  |  |
| 6/30/11 | - | \$- | - | \$- | 13 | \$499,719 | \$38,440 | 0.0\% |
| 6/30/10 | - | - | - | - | 13 | 499,719 | 38,440 | 0.0\% |
| 6/30/09 | - | - | - | - | 13 | 499,719 | 38,440 | 0.0\% |
| 6/30/08 | - | - | 2 | - | 13 | 499,719 | 38,440 | (13.6)\% |
| 6/30/07 | - | - | - | 75,233 | 15 | 578,135 | 38,542 | 0.0\% |
| 9/30/06 | 1 | 18,033 | 2 | 75,234 | 15 | 578,135 | 38,542 | (9.0)\% |

Source: Washington State Office of the State Actuary

## Solvency Test: PERS Plan 1

(dollars in millions)

| Accrued Liabilities (Entry Age Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Date | (1) <br> Active <br> Members <br> Contributions | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability | $(1+2+3)$ <br> Total <br> Accrued Liability | Valuation Assets |  | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability |
| 6/30/11 | \$818.7 | \$10,677.5 | \$852.1 | \$12,348.4 | \$8,883.4 | 100\% | 76\% | 0\% |
| 6/30/10 | 912.6 | 10,232.0 | 1,096.0 | 12,240.7 | 9,293.0 | 100\% | 82\% | 0\% |
| 6/30/09 | 989.9 | 11,269.4 | 1,703.2 | 13,962.6 | 9,775.6 | 100\% | 78\% | 0\% |
| 6/30/08 | 1,055.8 | 10,963.4 | 1,881.7 | 13,901.0 | 9,852.9 | 100\% | 80\% | 0\% |
| 6/30/07 | 1,120.4 | 10,575.9 | 2,044.2 | 13,740.5 | 9,715.5 | 100\% | 81\% | 0\% |
| 9/30/06 | 1,186.4 | 9,473.0 | 2,470.1 | 13,129.4 | 9,591.0 | 100\% | 89\% | 0\% |

Note: Totals may not agree due to rounding and percentages are based on actual, not rounded totals. Source: Washington State Office of the State Actuary

Solvency Test: PERS Plan 2/3
(dollars in millions)

| Accrued Liabilities (Aggregate Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (1+2+3) |  | (1) | (2) | (3) |
|  | Active | Inactive | Excess | Total |  | Active | Inactive | Excess |
| Valuation | Members | Members | Accrued | Accrued | Valuation | Members | Members | Accrued |
| Date | Contributions | Liability | Liability | Liability | Assets | Contributions | Liability | Liability |
| 6/30/11 | \$3,605.7 | \$5,756.8 | \$11,634.2 | \$20,996.7 | \$20,996.7 | 100\% | 100\% | 100\% |
| 6/30/10 | 3,388.0 | 4,753.4 | 11,332.7 | 19,474.1 | 19,474.1 | 100\% | 100\% | 100\% |
| 6/30/09 | 3,132.0 | 4,038.0 | 11,090.4 | 18,260.4 | 18,260.4 | 100\% | 100\% | 100\% |
| 6/30/08 | 2,760.9 | 3,447.1 | 10,484.7 | 16,692.7 | 16,692.7 | 100\% | 100\% | 100\% |
| 6/30/07 | 2,464.6 | 2,966.5 | 9,456.7 | 14,887.9 | 14,887.9 | 100\% | 100\% | 100\% |
| 9/30/06 | 2,294.7 | 2,470.0 | 8,764.2 | 13,528.9 | 13,528.9 | 100\% | 100\% | 100\% |

Note: Totals may not agree due to rounding.
Source: Washington State Office of the State Actuary

Solvency Test: SERS Plan 2/3
(dollars in millions)

| Accrued Liabilities (Aggregate Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (1+2+3) |  | (1) | (2) | (3) |
|  | Active | Inactive | Excess | Total |  | Active | Inactive | Excess |
| Valuation | Members | Members | Accrued | Accrued | Valuation | Members | Members | Accrued |
| Date | Contributions | Liability | Liability | Liability | Assets | Contributions | Liability | Liability |
| 6/30/11 | \$279.8 | \$862.1 | \$1,730.3 | \$2,872.1 | \$2,872.1 | 100\% | 100\% | 100\% |
| 6/30/10 | 266.2 | 713.8 | 1,684.1 | 2,664.1 | 2,664.1 | 100\% | 100\% | 100\% |
| 6/30/09 | 251.5 | 613.7 | 1,637.9 | 2,503.2 | 2,503.2 | 100\% | 100\% | 100\% |
| 6/30/08 | 226.5 | 523.7 | 1,552.4 | 2,302.6 | 2,302.6 | 100\% | 100\% | 100\% |
| 6/30/07 | 207.1 | 431.4 | 1,494.9 | 2,133.4 | 2,133.4 | 100\% | 100\% | 100\% |
| 9/30/06 | 188.7 | 350.1 | 1,395.5 | 1,934.3 | 1,934.3 | 100\% | 100\% | 100\% |

Note: Totals may not agree due to rounding and percentages are based on actual, not rounded totals. Source: Washington State Office of the State Actuary

Solvency Test: PSERS Plan 2*
(dollars in millions)

| Accrued Liabilities (Aggregate Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Date | $\begin{array}{r} \text { (1) } \\ \text { Active } \\ \text { Members } \\ \text { Contributions } \end{array}$ | (2) <br> Inactive Members Liability | (3) <br> Excess <br> Accrued <br> Liability | $\begin{array}{r} (1+2+3) \\ \text { Total } \end{array}$ <br> Accrued Liability | Valuation Assets | $\begin{array}{r} \text { (1) } \\ \text { Active } \\ \text { Members } \\ \text { Contributions } \end{array}$ | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability |
| 6/30/11 | \$62.0 | \$6.1 | \$72.6 | \$140.7 | \$140.7 | 100\% | 100\% | 100\% |
| 6/30/10 | 46.9 | 4.2 | 51.7 | 102.9 | 102.9 | 100\% | 100\% | 100\% |
| 6/30/09 | 32.4 | 2.0 | 34.8 | 69.2 | 69.2 | 100\% | 100\% | 100\% |
| 6/30/08 | 18.1 | 0.9 | 19.7 | 38.7 | 38.7 | 100\% | 100\% | 100\% |
| 6/30/07 | 6.7 | 0.2 | 6.9 | 13.7 | 13.7 | 100\% | 100\% | 100\% |
| 9/30/06* | 0.6 | - | 0.5 | 1.1 | 1.1 | 100\% | 100\% | 100\% |

*PSERS Plan 2 became effective July 1, 2006.
Note: Totals may not agree due to rounding.
Source: Washington State Office of the State Actuary
Solvency Test: TRS Plan 1
(dollars in millions)

| Accrued Liabilities ( Entry Age Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Date | $\begin{array}{r} \text { (1) } \\ \text { Active } \\ \text { Members } \\ \text { Contributions } \end{array}$ | (2) <br> Inactive Members Liability | (3) <br> Excess <br> Accrued <br> Liability | $\begin{array}{r} (1+2+3) \\ \text { Total } \end{array}$ <br> Accrued <br> Liability | Valuation <br> Assets | (1) Active Members Contributions | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability |
| 6/30/11 | \$598.1 | \$7,934.2 | \$662.4 | \$9,194.7 | \$7,485.0 | 100\% | 87\% | 0\% |
| 6/30/10 | 663.6 | 7,586.5 | 870.0 | 9,120.0 | 7,791.3 | 100\% | 94\% | 0\% |
| 6/30/09 | 725.6 | 8,821.7 | 1,264.8 | 10,812.1 | 8,146.2 | 100\% | 84\% | 0\% |
| 6/30/08 | 790.2 | 8,564.6 | 1,399.1 | 10,753.9 | 8,262.3 | 100\% | 87\% | 0\% |
| 6/30/07 | 766.4 | 8,670.1 | 1,389.0 | 10,825.6 | 8,302.3 | 100\% | 87\% | 0\% |
| 9/30/06 | 839.3 | 7,831.8 | 1,687.5 | 10,358.6 | 8,275.5 | 100\% | 95\% | 0\% |

Note: Totals may not agree due to rounding.
Source: Washington State Office of the State Actuary
Solvency Test: TRS Plan 2/3
(dollars in millions)

| Accrued Liabilities (Aggregate Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (1+2+3) |  | (1) | (2) | (3) |
|  | Active | Inactive | Excess | Total |  | Active | Inactive | Excess |
| Valuation | Members | Members | Accrued | Accrued | Valuation | Members | Members | Accrued |
| Date | Contributions | Liability | Liability | Liability | Assets | Contributions | Liability | Liability |
| 6/30/11 | \$382.6 | \$1,516.3 | \$5,241.7 | \$7,140.6 | \$7,140.6 | 100\% | 100\% | 100\% |
| 6/30/10 | 366.3 | 1,224.5 | 5,002.5 | 6,593.3 | 6,593.3 | 100\% | 100\% | 100\% |
| 6/30/09 | 349.7 | 1,032.2 | 4,778.1 | 6,160.0 | 6,160.0 | 100\% | 100\% | 100\% |
| 6/30/08 | 322.2 | 883.1 | 4,475.8 | 5,681.0 | 5,681.0 | 100\% | 100\% | 100\% |
| 6/30/07 | 302.6 | 790.8 | 4,183.7 | 5,277.0 | 5,277.0 | 100\% | 100\% | 100\% |
| 9/30/06 | 285.5 | 653.4 | 3,896.4 | 4,835.3 | 4,835.3 | 100\% | 100\% | 100\% |

Note: Totals may not agree due to rounding.
Source: Washington State Office of the State Actuary

## Solvency Test: LEOFF Plan 1

(dollars in millions)

| Accrued Liabilities (Entry Age Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Date |  | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability | $(1+2+3)$ <br> Total <br> Accrued <br> Liability | Valuation Assets |  | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability |
| 6/30/11 | \$43.3 | \$3,898.6 | \$196.2 | \$4,138.0 | \$5,565.3 | 100\% | 100\% | 100\% |
| 6/30/10 | 49.5 | 4,090.6 | 245.9 | 4,386.0 | 5,560.9 | 100\% | 100\% | 100\% |
| 6/30/09 | 55.4 | 4,149.8 | 281.2 | 4,486.5 | 5,612.1 | 100\% | 100\% | 100\% |
| 6/30/08 | 62.3 | 3,997.4 | 308.0 | 4,367.7 | 5,592.5 | 100\% | 100\% | 100\% |
| 6/30/07 | 72.4 | 3,916.3 | 351.5 | 4,340.2 | 5,297.7 | 100\% | 100\% | 100\% |
| 9/30/06 | 80.7 | 3,826.1 | 402.1 | 4,309.0 | 5,017.8 | 100\% | 100\% | 100\% |

Note: Totals may not agree due to rounding and percentages are based on actual, not rounded totals.
Source: Washington State Office of the State Actuary

## Solvency Test: LEOFF Plan 2 <br> (dollars in millions)

| Accrued Liabilities (Aggregate Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (1+2+3) |  | (1) | (2) | (3) |
|  | Active | Inactive | Excess | Total |  | Active | Inactive | Excess |
| Valuation | Members | Members | Accrued | Accrued | Valuation | Members | Members | Accrued |
| Date | Contributions | Liability | Liability | Liability | Assets | Contributions | Liability | Liability |
| 6/30/11 | \$1,782.2 | \$1,166.1 | \$3,672.3 | \$6,620.7 | \$6,620.7 | 100\% | 100\% | 100\% |
| 6/30/10 | 1,615.0 | 924.7 | 3,503.0 | 6,042.7 | 6,042.7 | 100\% | 100\% | 100\% |
| 6/30/09 | 1,479.5 | 682.5 | 3,402.1 | 5,564.2 | 5,564.2 | 100\% | 100\% | 100\% |
| 6/30/08 | 1,319.7 | 547.5 | 3,185.5 | 5,052.7 | 5,052.7 | 100\% | 100\% | 100\% |
| 6/30/07 | 1,178.3 | 451.7 | 2,729.6 | 4,359.6 | 4,359.6 | 100\% | 100\% | 100\% |
| 9/30/06 | 1,087.8 | 355.6 | 2,400.3 | 3,843.8 | 3,843.8 | 100\% | 100\% | 100\% |

Note: Totals may not agree due to rounding and percentages are based on actual, not rounded totals. Source: Washington State Office of the State Actuary

Solvency Test: WSPRS Plan 1/2
(dollars in millions)

| Accrued Liabilities (Aggregate Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Date |  | (2) <br> Inactive Members Liability | (3) <br> Excess <br> Accrued <br> Liability | $(1+2+3)$ <br> Total <br> Accrued <br> Liability | Valuation Assets | $\begin{array}{r} \text { (1) } \\ \text { Active } \\ \text { Members } \\ \text { Contributions } \end{array}$ | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability |
| 6/30/11 | \$69.0 | \$541.2 | \$339.3 | \$949.5 | \$949.5 | 100\% | 100\% | 100\% |
| 6/30/10 | 66.4 | 496.5 | 356.7 | 919.6 | 919.6 | 100\% | 100\% | 100\% |
| 6/30/09 | 62.4 | 474.5 | 363.5 | 900.4 | 900.4 | 100\% | 100\% | 100\% |
| 6/30/08 | 56.0 | 460.5 | 353.2 | 869.7 | 869.7 | 100\% | 100\% | 100\% |
| 6/30/07 | 50.8 | 444.2 | 304.9 | 799.9 | 799.9 | 100\% | 100\% | 100\% |
| 9/30/06 | 48.7 | 413.3 | 281.5 | 743.5 | 743.5 | 100\% | 100\% | 100\% |

Note: Totals may not agree due to rounding.
Source: Washington State Office of the State Actuary

## Solvency Test: JRS

(dollars in millions)

| Accrued Liabilities (Entry Age Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Date |  | (2) <br> Inactive Members Liability | (3) <br> Excess <br> Accrued <br> Liability | $\begin{array}{r} (1+2+3) \\ \text { Total } \end{array}$ <br> Accrued <br> Liability | Valuation Assets | (1) <br> Active <br> Members <br> Contributions | (2) <br> Inactive Members Liability | (3) <br> Excess Accrued Liability |
| 6/30/11 | \$1.5 | \$104.3 | \$3.6 | \$109.3 | \$5.1 | 100\% | 3\% | 0\% |
| 6/30/10 | 2.2 | 78.5 | 3.1 | 83.8 | 3.8 | 100\% | 2\% | 0\% |
| 6/30/09 | 3.7 | 76.1 | 9.5 | 89.3 | 1.8 | 50\% | 0\% | 0\% |
| 6/30/08 | 3.7 | 78.2 | 9.7 | 91.5 | 1.0 | 26\% | 0\% | 0\% |
| 6/30/07 | 3.7 | 75.3 | 6.0 | 85.0 | 0.5 | 15\% | 0\% | 0\% |
| 9/30/06 | 3.5 | 78.7 | 5.8 | 88.0 | 0.3 | 7\% | 0\% | 0\% |

Note: Totals may not agree due to rounding and percentages are based on actual, not rounded totals.
This is a relatively small fund administered by DRS which is funded on a pay-as-you-go basis.
Source: Washington State Office of the State Actuary

## Solvency Test: Judges

(dollars in millions)

| Accrued Liabilities (Entry Age Cost Method) |  |  |  |  | Portion of Accrued Liabilities Covered by Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (1+2+3) |  | (1) | (2) | (3) |
|  | Active | Inactive | Excess | Total |  | Active | Inactive | Excess |
| Valuation | Members | Members | Accrued | Accrued | Valuation | Members | Members | Accrued |
| Date | Contributions | Liability | Liability | Liability | Assets | Contributions | Liability | Liability |
| 6/30/11 | \$- | \$3.9 | \$- | \$3.9 | \$2.3 | n/a | 61\% | n/a |
| 6/30/10 | - | 3.2 | - | 3.2 | 2.8 | n/a | 87\% | n/a |
| 6/30/09 | - | 3.4 | - | 3.4 | 3.3 | n/a | 97\% | n/a |
| 6/30/08 | - | 3.5 | - | 3.5 | 3.6 | n/a | 100\% | n/a |
| 6/30/07 | - | 3.9 | - | 3.9 | 4.0 | n/a | 100\% | n/a |
| 9/30/06 | - | 4.0 | - | 4.0 | 4.1 | n/a | 100\% | n/a |

Note: Percentages are based on actual, not rounded totals.
This is a relatively small fund administered by DRS which is funded on a pay-as-you-go basis. Source: Washington State Office of the State Actuary

Note on PERS Plan 2/3, SERS Plan 2/3, PSERS Plan 2, TRS Plan 2/3, LEOFF Plan 2 and WSPRS Plan 1/2: The actuarial accrued liability (AAL) presented in these charts reflects the actual actuarial valuation method (Aggregate Cost) used to calculate the annual required contributions for these plans. This Aggregate Cost method does not separately amortize unfunded actuarial liabilities and, by definition, sets the accrued liabilities equal to the assets. Therefore, the funded status is always $100 \%$. These AAL amounts differ from those presented in the schedules of funded status and funding progress included in the Notes to the Financial Statements in the Financial Section, where a different valuation method (Entry Age) was used as a surrogate.

## Analysis of Selected Experience: PERS Plan 1

Selected Gains and Losses During Years Ended 2006 to 2011
Resulting from Differences Between Assumed Experience and Actual Experience (dollars in millions)

| Type of Activity | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |
| Investment Gains* | \$ | (397.7) | \$ | (668.0) | \$ | (298.2) | \$ | 151.6 | \$ | 186.0 | \$ | 5.6 |
| Salary Gains |  | 59.9 |  | 54.2 |  | 10.9 |  | (59.2) |  | 30.7 |  | (7.6) |
| Termination of Employment |  | 0.1 |  | 1.2 |  | (0.2) |  | (0.4) |  | 7.2 |  | 6.1 |
| Return to Work from Terminated Status |  | (6.4) |  | (8.0) |  | (9.7) |  | (49.1) |  | (14.4) |  | (25.1) |
| Gain (or Loss) During Year from Selected Experience | \$ | (344.1) | \$ | (620.6) | \$ | (297.2) | \$ | 42.9 | \$ | 209.5 | \$ | (21.0) |

*Actuarial value of assets
Source: Washington State Office of the State Actuary

## Analysis of Selected Experience: PERS Plan 2/3

Selected Gains and Losses During Years Ended 2006 to 2011
Resulting from Differences Between Assumed Experience and Actual Experience (dollars in millions)

| Type of Activity | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |
| Investment Gains* | \$ | (404.3) | \$ | (619.2) | \$ | (134.3) | \$ | 273.4 | \$ | 327.6 | \$ | 97.0 |
| Salary Gains |  | 731.7 |  | 577.8 |  | 185.9 |  | (326.1) |  | 124.2 |  | 12.1 |
| Termination of Employment |  | 118.3 |  | 18.0 |  | 21.1 |  | 47.8 |  | 131.1 |  | 155.5 |
| Return to Work from Terminated Status |  | (44.1) |  | (50.2) |  | (47.8) |  | (97.1) |  | (86.8) |  | (92.6) |
| Gain (or Loss) During Year from Selected Experience | \$ | 401.6 | \$ | (73.6) | \$ | 24.9 | \$ | (102.0) | \$ | 496.1 | \$ | 172.0 |
| *Actuarial value of assets <br> Source: Washington State Office of the State Actuary |  |  |  |  |  |  |  |  |  |  |  |  |

## Analysis of Selected Experience: SERS Plan 2/3

Selected Gains and Losses During Years Ended 2006 to 2011
Resulting from Differences Between Assumed Experience and Actual Experience
(dollars in millions)

|  | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Type of Activity |  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |  |  |  |
| Investment Gains* | $\$$ | $(80.5)$ | $\$$ | $(115.1)$ | $\$$ | $(33.2)$ | $\$$ | 39.1 | $\$$ | 46.3 |

*Actuarial value of assets
Source: Washington State Office of the State Actuary

## Analysis of Selected Experience: PSERS Plan 2**

Selected Gains and Losses During Years Ended 2006 to 2011
Resulting from Differences Between Assumed Experience and Actual Experience (dollars in millions)

| Type of Activity | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  |
| Investment Gains* | \$ 0.4 | \$ | (1.2) | \$ | 0.4 | \$ | (0.3) | \$ | - |  | n/a |
| Salary Gains | 14.9 |  | 10.3 |  | 8.5 |  | (5.1) |  | 1.3 |  | n/a |
| Termination of Employment | 4.2 |  | 4.7 |  | (7.4) |  | 0.4 |  | (1.0) |  | n/a |
| Return to Work from Terminated Status | - |  | - |  | - |  | (0.9) |  | - |  | n/a |
| Gain (or Loss) During Year from Selected Experience | \$ 19.5 | \$ | 13.8 | \$ | 1.5 | \$ | (5.9) | \$ | 0.3 |  | n/a |
| *Actuarial value of assets <br> **PSERS 2 became effective July 1, 2006. <br> Source: Washington State Office of the State Actuary |  |  |  |  |  |  |  |  |  |  |  |
| Analysis of Selected Experience: TRS Plan 1 <br> Selected Gains and Losses During Years Ended 2006 to 2011 Resulting from Differences Between Assumed Experience and Actual Experience (dollars in millions) |  |  |  |  |  |  |  |  |  |  |  |
| Type of Activity | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |  |
|  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |
| Investment Gains* | \$ (247.3) | \$ | (502.1) | \$ | (287.8) | \$ | 26.1 | \$ | 24.9 | \$ | (111.7) |
| Salary Gains | 36.5 |  | 60.7 |  | (17.4) |  | (28.9) |  | 4.3 |  | 45.6 |
| Termination of Employment | 0.2 |  | 0.9 |  | 1.5 |  | 0.7 |  | (7.5) |  | 0.8 |
| Return to Work from Terminated Status | (4.4) |  | (7.3) |  | (6.0) |  | (23.6) |  | (6.8) |  | (22.9) |
| Gain (or Loss) During Year from Selected Experience | \$ (215.0) | \$ | (447.8) | \$ | (309.7) | \$ | (25.7) | \$ | 14.9 | \$ | (88.2) |
| *Actuarial value of assets <br> Source: Washington State Office of the State Actuary |  |  |  |  |  |  |  |  |  |  |  |

## Analysis of Selected Experience: TRS Plan 2/3

Selected Gains and Losses During Years Ended 2006 to 2011 Resulting from Differences Between Assumed Experience and Actual Experience

| Type of Activity | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |
| Investment Gains* | \$ (180.6) | \$ (266.8) | \$ | (120.1) | \$ | 66.8 | \$ | 88.5 | \$ | (1.7) |
| Salary Gains | 252.6 | 341.3 |  | (67.3) |  | (52.7) |  | 20.6 |  | 70.1 |
| Termination of Employment | 85.5 | 92.9 |  | 71.7 |  | 54.8 |  | 56.5 |  | 33.6 |
| Return to Work from Terminated Status | (43.7) | (37.5) |  | (63.0) |  | (85.4) |  | (139.7) |  | (43.1) |
| Gain (or Loss) During Year from Selected Experience | \$ 113.8 | \$ 129.9 | \$ | (178.7) | \$ | (16.5) | \$ | 25.9 | \$ | 58.9 |

*Actuarial value of assets
Source: Washington State Office of the State Actuary

## Analysis of Selected Experience: LEOFF Plan 1

Selected Gains and Losses During Years Ended 2006 to 2011
Resulting from Differences Between Assumed Experience and Actual Experience (dollars in millions)

| Type of Activity | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |
| Investment Gains* | \$ | (84.2) | \$ | (144.8) | \$ | (88.1) | \$ | 196.4 | \$ | 217.8 | \$ 134.2 |
| Salary Gains |  | 6.2 |  | 1.9 |  | (4.5) |  | (2.2) |  | 4.8 | 2.3 |
| Termination of Employment |  | (0.1) |  | (0.1) |  | 0.1 |  | (0.1) |  | (0.1) | (0.7) |
| Return to Work from Terminated Status |  | (0.2) |  | 0.5 |  | (4.3) |  | (2.7) |  | (1.0) | - |
| Gain (or Loss) During Year from Selected Experience | \$ | (78.3) | \$ | (142.5) | \$ | (96.8) | \$ | 191.4 | \$ | 221.5 | \$ 135.8 |
| *Actuarial value of assets <br> Source: Washington State Office of the State Actuary |  |  |  |  |  |  |  |  |  |  |  |
| Analysis of Selected Experience: LEOFF Plan 2 <br> Selected Gains and Losses During Years Ended 2006 to 2011 <br> Resulting from Differences Between Assumed Experience and Actual Experience (dollars in millions) |  |  |  |  |  |  |  |  |  |  |  |
|  | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |  |
| Type of Activity |  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 | 2006 |
| Investment Gains* | \$ |  | \$ | (68.7) | \$ | 19.4 | \$ | 135.8 | \$ | 159.7 | \$ 95.2 |
| Salary Gains |  | 164.7 |  | 91.1 |  | 6.5 |  | (29.7) |  | 61.2 | 48.3 |
| Termination of Employment |  | 2.5 |  | 25.8 |  | 11.8 |  | 2.9 |  | 4.4 | 5.2 |
| Return to Work from Terminated Status |  | (16.8) |  | (12.6) |  | (7.9) |  | (22.6) |  | (43.9) | (25.8) |
| Gain (or Loss) During Year from Selected Experience | \$ | 148.5 | \$ | 35.6 | \$ | 29.8 | \$ | 86.4 | \$ | 181.4 | \$ 122.9 |
| *Actuarial value of assets Source: Washington State Office of the State Actuary |  |  |  |  |  |  |  |  |  |  |  |

Analysis of Selected Experience: WSPRS Plan 1/2
Selected Gains and Losses During Years Ended 2006 to 2011
Resulting from Differences Between Assumed Experience and Actual Experience
(dollars in millions)

| Type of Activity | \$ Gain (or Loss) For Year |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  |
| Investment Gains* | \$ | (8.5) | \$ | (20.5) | \$ | (6.2) | \$ | 28.4 | \$ | 32.0 | \$ | 19.6 |
| Salary Gains |  | 18.8 |  | 19.0 |  | (0.7) |  | (5.9) |  | 5.5 |  | (1.9) |
| Termination of Employment |  | 0.1 |  | (1.0) |  | 1.2 |  | 1.1 |  | 0.1 |  | 1.2 |
| Return to Work from Terminated Status |  | (0.2) |  | (0.5) |  | (0.5) |  | - |  | (49.7) |  | (0.7) |
| Gain (or Loss) During Year from Selected Experience | \$ | 10.2 | \$ | (3.0) | \$ | (6.2) | \$ | 23.6 | \$ | (12.1) | \$ | 18.2 |

*Actuarial value of assets
Source: Washington State Office of the State Actuary

## Statistical Section



## Statistical Section

This part of the Department of Retirement Systems' comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about DRS' overall financial health.

## Contents

Financial Trends
These schedules contain trend information to help the reader understand how DRS' financial performance and well-being have changed over time.

## Demographic Information

These schedules contain demographic and historical information regarding membership and employer participation in the pension plans offered by DRS.

Operating Information
These schedules contain detailed payment information to enhance the reader's understanding of the benefit services provided by DRS.

## Deferred Compensation Information

These schedules contain comprehensive information to enhance the reader's understanding of this optional program.

Sources: Unless otherwise noted, the information in these schedules is derived from the comprehensive annual financial reports for the relevant year.
Schedule of Changes in Fiduciary Net Position: PERS Plan 1 (dollars in thousands)

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 257,197 | \$ | 145,585 | \$ | 154,023 | \$ 325,248 | \$ | 221,787 | \$ | 118,660 | \$ | 29,601 | \$ | 22,360 | \$ | 22,789 | \$ | 56,618 |
| Employee Contributions |  | 24,317 |  | 28,767 |  | 33,152 | 37,791 |  | 41,925 |  | 44,775 |  | 48,457 |  | 52,246 |  | 57,196 |  | 62,065 |
| Investment Income (Loss) ${ }^{1}$ |  | 86,377 |  | 1,523,415 |  | 980,360 | (2,373,373) |  | $(114,595)$ |  | 2,086,563 |  | 1,534,382 |  | 1,163,797 |  | 1,319,155 |  | 320,787 |
| Transfers |  | 97 |  | 90 |  | 1 | 1 |  | 343 |  | 519 |  | 68 |  | 242 |  | 310 |  | 487 |
| Miscellaneous ${ }^{2}$ |  | 10,269 |  | 12,705 |  | 11,566 | 10,700 |  | 13,262 |  | 9,513 |  | 7,719 |  | 10,048 |  | 10,147 |  | 10,268 |
| Total Additions |  | 378,257 |  | 1,710,562 |  | 1,179,102 | $(1,999,633)$ |  | 162,722 |  | 2,260,030 |  | 1,620,227 |  | 1,248,693 |  | 1,409,597 |  | 450,225 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 1,173,683 |  | 1,149,522 |  | 1,111,386 | 1,070,929 |  | 1,027,934 |  | 978,995 |  | 929,423 |  | 880,874 |  | 828,765 |  | 776,683 |
| Refunds |  | 4,554 |  | 3,470 |  | 4,946 | 5,071 |  | 5,573 |  | 6,215 |  | 6,553 |  | 5,143 |  | 5,628 |  | 5,678 |
| Transfers |  | 265 |  | 362 |  | 140 | 2,021 |  | 159 |  | 31 |  | 369 |  | 966 |  | 4 |  | 358 |
| Administrative Expenses |  | 3,522 |  | 3,213 |  | 3,885 | 4,401 |  | 4,739 |  | 4,763 |  | 4,754 |  | 4,903 |  | 4,917 |  | 5,596 |
| Total Deductions |  | 1,182,024 |  | 1,156,567 |  | 1,120,357 | 1,082,422 |  | 1,038,405 |  | 990,004 |  | 941,099 |  | 891,886 |  | 839,314 |  | 788,315 |
| Total Changes in Fiduciary Net Position | \$ | $(803,767)$ | \$ | 553,995 | \$ | 58,745 | \$(3,082,055) | \$ | $(875,683)$ | \$ | 1,270,026 | \$ | 679,128 | \$ | 356,807 | \$ | 570,283 |  | $(338,090)$ |

[^4]Schedule of Changes in Fiduciary Net Position: PERS Plan 2/3

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 385,253 | \$ | 328,258 | \$ | 327,460 | \$ | 439,744 | \$ | 318,740 | \$ | 242,544 | \$ | 149,579 | \$ | 74,720 | \$ | 69,377 | \$ | 38,287 |
| Employee Contributions |  | 310,160 |  | 263,885 |  | 264,231 |  | 368,127 |  | 268,573 |  | 207,144 |  | 127,800 |  | 63,806 |  | 60,953 |  | 34,498 |
| Investment Income (Loss) ${ }^{1}$ |  | 284,681 |  | 3,468,458 |  | 1,868,154 |  | $(4,058,631)$ |  | $(224,724)$ |  | 3,054,707 |  | 2,020,702 |  | 1,415,136 |  | 1,453,909 |  | 365,915 |
| Transfers |  | 270 |  | 4,036 |  | 11,611 |  | 722 |  | 316 |  | 292 |  | 239 |  | 254 |  | 251 |  | 602 |
| Miscellaneous ${ }^{2}$ |  | 24,765 |  | 26,818 |  | 15,749 |  | 14,157 |  | 17,245 |  | 11,825 |  | 10,655 |  | 9,609 |  | 9,749 |  | 8,400 |
| Total Additions |  | 1,005,129 |  | 4,091,455 |  | 2,487,205 |  | $(3,235,881)$ |  | 380,150 |  | 3,516,512 |  | 2,308,975 |  | 1,563,525 |  | 1,594,239 |  | 447,702 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 376,999 |  | 310,943 |  | 251,765 |  | 207,319 |  | 170,317 |  | 143,802 |  | 121,096 |  | 102,742 |  | 86,174 |  | 72,460 |
| Refunds |  | 35,716 |  | 33,686 |  | 31,425 |  | 26,442 |  | 26,574 |  | 26,465 |  | 26,476 |  | 24,086 |  | 27,082 |  | 30,835 |
| Transfers |  | 2,180 |  | 8,528 |  | 5,407 |  | 8,903 |  | 70,935 |  | 3,904 |  | 4,296 |  | 4,718 |  | 22,918 |  | 611,867 |
| Administrative Expenses |  | 9,082 |  | 8,325 |  | 8,643 |  | 8,277 |  | 9,889 |  | 7,344 |  | 6,599 |  | 5,960 |  | 5,779 |  | 6,054 |
| Total Deductions |  | 423,977 |  | 361,482 |  | 297,240 |  | 250,941 |  | 277,715 |  | 181,515 |  | 158,467 |  | 137,506 |  | 141,953 |  | 721,216 |
| Total Changes in Fiduciary Net Position | \$ | 581,152 | \$ | 3,729,973 | \$ | \$ 2,189,965 |  | $(3,486,822)$ | \$ | 102,435 | \$ | 3,334,997 | \$ | 2,150,508 | \$ | 1,426,019 | \$ | 1,452,286 |  | $(273,514)$ |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 20,098,636 |  | 16,368,663 |  | 14,178,698 |  | 17,665,520 |  | 17,563,085 |  | 14,228,088 |  | 12,077,580 |  | 10,651,561 |  | 9,199,275 |  | 9,472,789 |
| End of Year |  | 20,679,788 |  | 20,098,636 |  | 16,368,663 |  | 14,178,698 |  | 17,665,520 |  | 17,563,085 |  | 14,228,088 |  | 12,077,580 |  | 10,651,561 |  | 9,199,275 |
| Employer Contributions: Percent of Covered Payroll |  | 5.8\% |  | 4.0\% |  | 4.0\% |  | 5.4\% |  | 4.1\% |  | 3.5\% |  | 2.2\% |  | 1.2\% |  | 1.2\% |  | 0.7\% |

1/nvestment income reflects dividends, interest, realized capital gains and unrealized gains and losses.
${ }^{2}$ Miscellaneous additions include restorations of employee contributions.
Schedule of Changes in Fiduciary Net Position: PERS Plan 3 (dollars in thousands)

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| Employee Contributions |  | 95,172 |  | 94,129 |  | 92,665 |  | 90,808 |  | 82,707 |  | 71,712 |  | 64,776 |  | 59,029 |  | 53,208 | 32,290 |
| Investment Income (Loss) ${ }^{1}$ |  | 5,375 |  | 279,224 |  | 135,026 |  | $(277,949)$ |  | $(46,281)$ |  | 208,475 |  | 127,023 |  | 82,859 |  | 96,185 | 18,779 |
| Transfers |  | 1,432 |  | 1,546 |  | 4,926 |  | 2,095 |  | 68,408 |  | 1,572 |  | 1,213 |  | 1,337 |  | 21,143 | 609,243 |
| Miscellaneous |  | 259 |  | 246 |  | 197 |  | 199 |  | 201 |  | 231 |  | 219 |  | 500 |  | 696 | 2,027 |
| Total Additions |  | 102,238 |  | 375,145 |  | 232,814 |  | $(184,847)$ |  | 105,035 |  | 281,990 |  | 193,231 |  | 143,725 |  | 171,232 | 662,339 |

Deductions by Type:

| 89「'L9 |
| :--- |
| 892 |
| $88 \varepsilon$ |
| 9tて'99 |
| 2z8 |



) $\stackrel{\stackrel{\sim}{0}}{\stackrel{\sim}{n}} \underset{\sim}{N}$



$\underset{\sim}{\sim} \underset{\sim}{\infty} \underset{\sim}{\infty} \underset{\sim}{\infty}$ ㄷN


| 188'0t |
| :--- |
| 66 t |
| 62 t |
| 20Z'0t |
| LG |

|c|c|c
(8zL'Gzz) \$ 888'G8L \$ 086'tLE \$ GLO'GE \$


| 888'G81 \$ |
| :--- |
| $9266^{\prime} 9 t$ |

'


Total Changes in Fiduciary Net Position
Administrative Expenses Benefits
Refunds

Fiduciary Net Position: Beginning of Year

End of Year


${ }^{1}$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses.
${ }^{2}$ Employer contributions for PERS Plan 3 are reported in the PERS Plan 2/3 schedule.
Schedule of Changes in Fiduciary Net Position: SERS Plan 2/3

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 74,640 | \$ | 62,316 | \$ | 62,090 | \$ | 63,526 | \$ | 52,139 | \$ | 45,950 | \$ | 30,419 | \$ | 10,160 | \$ | 9,076 | \$ | 6,154 |
| Employee Contributions |  | 24,095 |  | 19,247 |  | 20,105 |  | 26,062 |  | 20,726 |  | 17,371 |  | 11,818 |  | 4,166 |  | 3,501 |  | 1,828 |
| Investment Income (Loss) ${ }^{1}$ |  | 38,452 |  | 473,113 |  | 255,525 |  | $(560,165)$ |  | $(29,922)$ |  | 435,696 |  | 287,224 |  | 201,723 |  | 203,668 |  | 55,417 |
| Transfers |  | 11 |  | 413 |  | 431 |  | 2,050 |  | 2,118 |  | 1,998 |  | 2,589 |  | 1,959 |  | 1,631 |  | 1,970 |
| Miscellaneous ${ }^{2}$ |  | 1,635 |  | 1,719 |  | 1,521 |  | 1,517 |  | 1,398 |  | 1,301 |  | 1,313 |  | 1,316 |  | 1,562 |  | 1,234 |
| Total Additions |  | 138,833 |  | 556,808 |  | 339,672 |  | $(467,010)$ |  | 46,459 |  | 502,316 |  | 333,363 |  | 219,324 |  | 219,438 |  | 66,603 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 53,630 |  | 43,338 |  | 34,449 |  | 28,307 |  | 22,627 |  | 17,641 |  | 13,500 |  | 10,114 |  | 6,692 |  | 4,305 |
| Refunds |  | 2,516 |  | 2,492 |  | 2,125 |  | 2,125 |  | 2,045 |  | 2,516 |  | 2,477 |  | 2,191 |  | 2,025 |  | 2,220 |
| Transfers |  | 454 |  | 423 |  | 8,141 |  | 956 |  | 89,481 |  | 275 |  | 434 |  | 568 |  | 545 |  | 355 |
| Administrative Expenses |  | 1,403 |  | 1,484 |  | 1,384 |  | 1,327 |  | 1,267 |  | 1,124 |  | 1,069 |  | 990 |  | 1,080 |  | 1,113 |
| Total Deductions |  | 58,003 |  | 47,737 |  | 46,099 |  | 32,715 |  | 115,420 |  | 21,556 |  | 17,480 |  | 13,863 |  | 10,342 |  | 7,993 |
| Total Changes in Fiduciary Net Position | \$ | 80,830 | \$ | 509,071 | \$ | 293,573 | \$ | $(499,725)$ | \$ | $(68,961)$ | \$ | 480,760 | \$ | 315,883 | \$ | 205,461 | \$ | 209,096 | \$ | 58,610 |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year* |  | 2,746,456 |  | 2,237,385 |  | 1,943,812 |  | 2,443,537 |  | 2,512,498 |  | 2,031,738 |  | 1,715,855 |  | 1,510,394 |  | 1,301,298 |  | 242,688 |
| End of Year |  | 2,827,286 |  | 2,746,456 |  | 2,237,385 |  | 1,943,812 |  | 2,443,537 |  | 2,512,498 |  | 2,031,738 |  | 1,715,855 |  | 1,510,394 |  | ,301,298 |
| Employer Contributions: Percent of Covered Payroll |  | 12.2\% |  | 3.8\% |  | 3.8\% |  | 4.0\% |  | 3.4\% |  | 3.3\% |  | 2.3\% |  | 0.8\% |  | 0.8\% |  | 0.5\% |
| ${ }^{1}$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses. ${ }^{2}$ Miscellaneous additions include restorations of employee contributions. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Schedule of Changes Fiduciary Net Position: SERS Plan 3 (dollars in thousands)

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 | 6/30/09 |  | 6/30/08 |  | 6/30/07 | 6/30/06 |  | 6/30/05 | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | - | \$ | - | \$ | \$ | \$ | \$ | \$ - | \$ | - | \$ | \$ | - | \$ - | \$ | - |
| Employee Contributions |  | 59,021 |  | 60,313 |  | 60,328 | 59,422 |  | 58,381 |  | 54,175 | 49,767 |  | 46,738 | 43,833 |  | 40,947 |
| Investment Income (Loss) ${ }^{1}$ |  | 10,372 |  | 209,367 |  | 108,480 | $(230,415)$ |  | $(27,970)$ |  | 169,969 | 105,308 |  | 69,954 | 78,458 |  | 14,139 |
| Transfers |  | 407 |  | 500 |  | 445 | 455 |  | 89,449 |  | 239 | 334 |  | 290 | 484 |  | 273 |
| Miscellaneous |  | 245 |  | 238 |  | 193 | 196 |  | 202 |  | 225 | 213 |  | 175 | 270 |  | 174 |
| Total Additions |  | 70,045 |  | 270,418 |  | 169,446 | $(170,342)$ |  | 120,062 |  | 224,608 | 155,622 |  | 117,157 | 123,045 |  | 55,533 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 302 |  | 182 |  | 91 | 62 |  | 8 |  | - | - |  | - | - |  | - |
| Refunds |  | 60,929 |  | 53,242 |  | 33,916 | 42,041 |  | 39,815 |  | 32,077 | 24,946 |  | 21,478 | 12,364 |  | 11,328 |
| Transfers |  | 163 |  | 597 |  | 416 | 520 |  | 183 |  | 289 | 121 |  | 148 | 290 |  | 66 |
| Administrative Expenses |  | 245 |  | 237 |  | 193 | 195 |  | 202 |  | 225 | 212 |  | 175 | 226 |  | 173 |
| Total Deductions |  | 61,639 |  | 54,258 |  | 34,616 | 42,818 |  | 40,208 |  | 32,591 | 25,279 |  | 21,801 | 12,880 |  | 11,567 |
| Total Changes in Fiduciary Net Position | \$ | 8,406 | \$ | 216,160 | \$ | \$ 134,830 | \$(213,160) | \$ | 79,854 | \$ | 192,017 | \$ 130,343 | \$ | 95,356 | \$ 110,165 | \$ | 43,966 |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year* |  | 1,269,442 |  | 1,053,282 |  | 918,452 | 1,131,612 |  | 1,051,758 |  | 859,741 | 729,398 |  | 634,042 | 523,877 |  | 479,911 |
| End of Year |  | 1,277,848 |  | 1,269,442 |  | \$ 1,053,282 | \$ 918,452 |  | \$ 1,131,612 |  | 1,051,758 | \$ 859,741 |  | 729,398 | \$ 634,042 |  | 523,877 |
| Employer Contributions: Percent of Covered Payroll ${ }^{2}$ |  | n/a |  | n/a |  | n/a | n/a |  | n/a |  | n/a | n/a |  | n/a | n/a |  | n/a |

${ }^{1}$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses.
Schedule of Changes in Fiduciary Net Position: PSERS Plan 2

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 | 6/30/06 | 6/30/05 | 6/30/04 | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 15,285 | \$ | 15,591 | \$ | 15,238 | \$ | 14,510 | \$ | 11,700 | \$ | 6,612 | ** | ** | ** | ** |
| Employee Contributions |  | 15,228 |  | 15,353 |  | 15,213 |  | 14,557 |  | 11,740 |  | 6,664 | ** | ** | ** | ** |
| Investment Income (Loss) ${ }^{1}$ |  | 2,778 |  | 21,255 |  | 7,358 |  | $(9,383)$ |  | (765) |  | 813 | ** | ** | ** | ** |
| Transfers |  | 8 |  | 5 |  | 32 |  | - |  | 3 |  | - | ** | ** | ** | ** |
| Miscellaneous ${ }^{2}$ |  | 141 |  | 124 |  | 45 |  | 30 |  | 14 |  | 6 | ** | ** | ** | ** |
| Total Additions |  | 33,440 |  | 52,328 |  | 37,886 |  | 19,714 |  | 22,692 |  | 14,095 | ** | ** | ** | * |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 70 |  | 35 |  | 17 |  | 5 |  | - |  | - | ** | ** | ** | ** |
| Refunds |  | 1,921 |  | 1,780 |  | 928 |  | 466 |  | 152 |  | 23 | ** | ** | ** | ** |
| Transfers |  | 6 |  | 3 |  | 2 |  | 3 |  | 2 |  | - | ** | ** | ** | ** |
| Administrative Expenses |  | 70 |  | 82 |  | 50 |  | 40 |  | 26 |  | 27 | ** | ** | ** | ** |
| Total Deductions |  | 2,067 |  | 1,900 |  | 997 |  | 514 |  | 180 |  | 50 | ** | ** | ** | ** |
| Total Changes in Fiduciary Net Position | \$ | 31,373 | \$ | 50,428 | \$ | 36,889 | \$ | 19,200 | \$ | 22,512 | \$ | 14,045 | ** | ** | ** | ** |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 143,074 |  | 92,646 |  | 55,757 |  | 36,557 |  | 14,045 |  | - | ** | ** | ** | ** |
| End of Year | \$ | 174,447 | \$ | 143,074 | \$ | 92,646 | \$ | 55,757 | \$ | 36,557 | \$ | 14,045 | ** | ** | ** | ** |
| Employer Contributions: Percent of Covered Payroll |  | 6.5\% |  | 6.7\% |  | 6.5\% |  | 6.5\% |  | 6.5\% |  | 6.5\% | ** | ** | ** | ** |

[^5]²Miscellaneous additions include restorations of employee contributions.
**SERS Plan 2 became effective July 1, 2006 .
Schedule of Changes in Fiduciary Net Position: TRS Plan 1

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 111,937 | \$ | 96,803 | \$ | 112,731 | \$ | 178,850 | \$ | 113,089 | \$ | 60,462 | \$ | 15,077 | \$ | 8,793 | \$ | 11,385 | \$ | 20,352 |
| Employee Contributions |  | 14,098 |  | 17,631 |  | 20,930 |  | 23,810 |  | 26,480 |  | 29,995 |  | 33,790 |  | 38,087 |  | 42,706 |  | 46,790 |
| Investment Income (Loss) ${ }^{1}$ |  | 73,203 |  | 1,279,513 |  | 813,504 |  | (1,979,081) |  | $(93,982)$ |  | 1,762,480 |  | 1,292,574 |  | 981,556 |  | 1,112,120 |  | 275,057 |
| Transfers |  | 38 |  | 1 |  | 5 |  | 27 |  | 5 |  | 84 |  | 78 |  | 168 |  | 147 |  | 333 |
| Miscellaneous ${ }^{2}$ |  | 6,228 |  | 10,792 |  | 6,827 |  | 7,011 |  | 7,870 |  | 8,546 |  | 8,941 |  | 8,607 |  | 7,338 |  | 6,433 |
| Total Additions |  | 205,504 |  | 1,404,740 |  | 953,997 |  | $(1,769,383)$ |  | 53,462 |  | 1,861,567 |  | 1,350,460 |  | 1,037,211 |  | 1,173,696 |  | 348,965 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 913,864 |  | 899,819 |  | 859,250 |  | 850,262 |  | 844,986 |  | 802,344 |  | 763,613 |  | 741,118 |  | 692,243 |  | 689,254 |
| Refunds |  | 1,552 |  | 1,820 |  | 1,504 |  | 1,260 |  | 1,000 |  | 1,878 |  | 1,042 |  | 1,180 |  | 1,792 |  | 1,521 |
| Transfers |  | 223 |  | 159 |  | 118 |  | 1,449 |  | 82 |  | 3 |  | 314 |  | 817 |  | - |  | 283 |
| Administrative Expenses |  | 2,699 |  | 2,686 |  | 3,125 |  | 3,266 |  | 3,646 |  | 3,752 |  | 3,790 |  | 3,894 |  | 3,926 |  | 4,555 |
| Total Deductions |  | 918,338 |  | 904,484 |  | 863,997 |  | 856,237 |  | 849,714 |  | 807,977 |  | 768,759 |  | 747,009 |  | 697,961 |  | 695,613 |
| Total Changes in Fiduciary Net Position |  | $(712,834)$ | \$ | 500,256 | \$ | 90,000 |  | $(2,625,620)$ | \$ | $(796,252)$ |  | 1,053,590 | \$ | 581,701 | \$ | 290,202 | \$ | 475,735 | \$ | $(346,648)$ |

## Fiduciary Net Position:

 Beginning of YearEnd of Year
Employer Contributions: Percent of Covered Payroll
$1 / n v e s t m e n t ~ i n c o m e ~ r e f l e c t s ~ d i v i d e n d s, ~ i n t e r e s t, ~ r e a l i z e d ~ c a p i t a l ~ g a i n s ~ a n d ~ u n r e a l i z e d ~ g a i n s ~ a n d ~ l o s s e s . ~$
${ }^{2}$ Miscellaneous additions include restorations of employee contributions.
Schedule of Changes in Fiduciary Net Position: TRS Plan 2/3

|  |  | 6/30/12 | 6/30/11 |  | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 213,852 | \$ 168,264 | \$ | 164,959 | \$ 160,793 | \$ 109,523 | \$ 102,180 | \$ | 75,353 | \$ | 33,767 | \$ | 29,921 | \$ | 18,225 |
| Employee Contributions |  | 29,829 | 21,881 |  | 21,126 | 23,277 | 14,739 | 12,227 |  | 8,990 |  | 3,549 |  | 3,108 |  | 633 |
| Investment Income (Loss) ${ }^{1}$ |  | 96,411 | 1,175,293 |  | 629,396 | $(1,383,054)$ | $(73,457)$ | 1,078,134 |  | 712,495 |  | 500,432 |  | 503,551 |  | 136,127 |
| Transfers |  | 16 | 850 |  | 724 | 547 | 339 | 201 |  | 261 |  | 500 |  | 439 |  | 429 |
| Miscellaneous ${ }^{2}$ |  | 5,476 | 5,416 |  | 4,551 | 4,429 | 4,432 | 3,951 |  | 3,385 |  | 3,827 |  | 4,154 |  | 3,461 |
| Total Additions |  | 345,584 | 1,371,704 |  | 820,756 | $(1,194,008)$ | 55,576 | 1,196,693 |  | 800,484 |  | 542,075 |  | 541,173 |  | 158,875 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 91,400 | 72,138 |  | 55,654 | 44,795 | 36,016 | 28,534 |  | 22,351 |  | 17,118 |  | 13,416 |  | 10,862 |
| Refunds |  | 2,169 | 2,281 |  | 2,868 | 2,189 | 2,190 | 2,726 |  | 2,399 |  | 3,110 |  | 2,858 |  | 3,537 |
| Transfers |  | 652 | 390 |  | 369 | 2,670 | 168,866 | 440 |  | 963 |  | 1,278 |  | 1,003 |  | 956 |
| Administrative Expenses |  | 4,020 | 4,273 |  | 3,932 | 3,824 | 3,629 | 3,067 |  | 2,781 |  | 3,027 |  | 2,940 |  | 3,093 |
| Total Deductions |  | 98,241 | 79,082 |  | 62,823 | 53,478 | 210,701 | 34,767 |  | 28,494 |  | 24,533 |  | 20,217 |  | 18,448 |
| Total Changes in Fiduciary Net Position | \$ | 247,343 | \$ 1,292,622 | \$ | 757,933 | \$(1,247,486) | \$ $(155,125)$ | \$ 1,161,926 | \$ | 771,990 | \$ | 517,542 | \$ | 520,956 | \$ | 140,427 |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 6,839,903 | 5,547,281 |  | 4,789,348 | 6,036,834 | 6,191,959 | 5,030,033 |  | 4,258,043 |  | 3,740,501 |  | 3,219,545 |  | 3,079,118 |
| End of Year |  | 7,087,246 | \$ 6,839,903 |  | 5,547,281 | \$ 4,789,348 | \$ 6,036,834 | \$ 6,191,959 |  | 5,030,033 |  | 4,258,043 |  | 3,740,501 |  | 3,219,545 |
| Employer Contributions: Percent of Covered Payroll |  | 32.0\% | 4.0\% |  | 4.1\% | 4.1\% | 3.0\% | 3.0\% |  | 2.4\% |  | 1.1\% |  | 1.1\% |  | 0.7\% |

Schedule of Changes in Fiduciary Net Position: TRS Plan 3 (dollars in thousands)

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | - | \$ | - | \$ | - | \$ | \$ - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Employee Contributions |  | 255,867 |  | 257,718 |  | 254,197 |  | 247,891 |  | 234,661 |  | 213,878 |  | 195,910 |  | 183,645 |  | 173,052 |  | 155,538 |
| Investment Income (Loss) ${ }^{1}$ |  | 34,065 |  | 866,178 |  | 424,811 |  | $(864,630)$ |  | $(177,645)$ |  | 630,495 |  | 371,615 |  | 241,093 |  | 307,012 |  | 42,026 |
| Transfers |  | 618 |  | 650 |  | 598 |  | 971 |  | 168,817 |  | 581 |  | 619 |  | 604 |  | 892 |  | 731 |
| Miscellaneous |  | 811 |  | 767 |  | 610 |  | 605 |  | 597 |  | 712 |  | 639 |  | 175 |  | 292 |  | 174 |
| Total Additions |  | 291,361 |  | 1,125,313 |  | 680,216 |  | $(615,163)$ |  | 226,430 |  | 845,666 |  | 568,783 |  | 425,517 |  | 481,248 |  | 198,469 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 1,149 |  | 542 |  | 257 |  | 128 |  | 45 |  | 18 |  | - |  | - |  | - |  | - |
| Refunds |  | 150,404 |  | 115,571 |  | 71,665 |  | 76,166 |  | 84,776 |  | 62,810 |  | 41,908 |  | 35,582 |  | 25,932 |  | 19,331 |
| Transfers |  | 520 |  | 1,368 |  | 1,084 |  | 550 |  | 512 |  | 254 |  | 296 |  | 634 |  | 380 |  | 238 |
| Administrative Expenses |  | 811 |  | 767 |  | 610 |  | 605 |  | 597 |  | 712 |  | 639 |  | 175 |  | 250 |  | 173 |
| Total Deductions |  | 152,884 |  | 118,248 |  | 73,616 |  | 77,449 |  | 85,930 |  | 63,794 |  | 42,843 |  | 36,391 |  | 26,562 |  | 19,742 |
| Total Changes in Fiduciary Net Position | \$ | 138,477 |  | 1,007,065 | \$ | 606,600 | \$ | $(692,612)$ | \$ | 140,500 | \$ | 781,872 | \$ | 525,940 | \$ | 389,126 | \$ | 454,686 | \$ | 178,727 |

Fiduciary Net Position: Beginning of Year End of Year
Employer Contributions: Percent of Covered Payroll
${ }^{1} /$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses. ${ }^{2}$ Employer contributions for TRS Plan 3 are reported in the TRS Plan 2/3 schedule.
Schedule of Changes in Fiduciary Net Position: LEOFF Plan 1

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 | 6/30/09 | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 2 | \$ | 3 | \$ | 49 | \$ 216 | \$ | \$ | \$ 56 | \$ | 70 | \$ | \$ | \$ | 1 | \$ 62 |
| Employee Contributions |  | - |  | - |  | 1 | 154 | - |  | 50 |  | 61 |  | (2) |  | - | 40 |
| State Contributions |  | - |  | - |  | - | - | - |  | - |  | - |  | - |  | - | - |
| Investment Income (Loss) ${ }^{1}$ |  | 61,152 |  | 937,507 |  | 566,844 | $(1,353,904)$ | $(68,055)$ |  | 1,152,792 |  | 818,343 |  | 604,304 |  | 665,380 | 162,220 |
| Transfers |  | - |  | - |  | 112 | 173 | - |  | - |  | 102 |  | - |  | - | 167 |
| Miscellaneous ${ }^{2}$ |  | 3,393 |  | 3,130 |  | 3,913 | 2,658 | 3,185 |  | 3,109 |  | 2,736 |  | 2,651 |  | 2,896 | 2,762 |
| Total Additions |  | 64,547 |  | 940,640 |  | 570,919 | (1,350,703) | $(64,862)$ |  | 1,156,007 |  | 821,312 |  | 606,962 |  | 668,277 | 165,251 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 343,438 |  | 338,775 |  | 338,231 | 327,033 | 313,530 |  | 300,452 |  | 288,209 |  | 279,957 |  | 272,118 | 264,618 |
| Refunds |  | 435 |  | 48 |  | 14 | 193 | 150 |  | 11 |  | 3 |  | 5 |  | 133 | 158 |
| Transfers |  | 176 |  | 331 |  | 83 | 998 | 56 |  | 2 |  | 201 |  | 526 |  | 27 | 166 |
| Administrative Expenses |  | 2,064 |  | 1,891 |  | 2,146 | 2,339 | 2,417 |  | 2,544 |  | 2,405 |  | 2,455 |  | 2,450 | 2,789 |
| Total Deductions |  | 346,113 |  | 341,045 |  | 340,474 | 330,563 | 316,153 |  | 303,009 |  | 290,818 |  | 282,943 |  | 274,728 | 267,731 |
| Total Changes in Fiduciary Net Position | \$ | $(281,566)$ | \$ | 599,595 | \$ | 230,445 | \$(1,681,266) | \$ $(381,015)$ |  | \$ 852,998 | \$ | 530,494 | \$ | \$ 324,019 | \$ | 393,549 | \$ $(102,480)$ |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 5,185,953 |  | 4,586,358 |  | 4,355,913 | 6,037,179 | 6,418,194 |  | 5,565,196 |  | 5,034,702 |  | 4,710,683 |  | 4,317,134 | 4,419,614 |
| End of Year |  | \$ 4,904,387 |  | 5,185,953 | \$ | 4,586,358 | \$ 4,355,913 | \$ 6,037,179 |  | \$ 6,418,194 |  | 5,565,196 |  | \$ 5,034,702 |  | 4,710,683 | \$ 4,317,134 |
| Employer Contributions: Percent of Covered Payroll |  | 0.0\% |  | 0.0\% |  | 0.2\% | 0.5\% | 0.0\% |  | 0.1\% |  | 0.1\% |  | 0.0\% |  | 0.0\% | 0.1\% |

${ }^{1}$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses.
Schedule of Changes in Fiduciary Net Position: LEOFF Plan 2 (dollars in thousands)

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 80,480 | \$ | 79,733 | \$ | 76,998 | \$ | 77,849 | \$ | 73,364 | \$ | 58,191 | \$ | 48,472 | \$ | 32,780 | \$ | 30,773 | \$ | 25,583 |
| Employee Contributions |  | 132,584 |  | 131,252 |  | 128,154 |  | 128,206 |  | 115,567 |  | 95,552 |  | 79,780 |  | 53,913 |  | 50,698 |  | 41,372 |
| State Contributions |  | 52,770 |  | 52,024 |  | 51,376 |  | 51,137 |  | 45,926 |  | 37,928 |  | 31,666 |  | 21,266 |  | 20,193 |  | 16,404 |
| Investment Income (Loss) ${ }^{1}$ |  | 92,867 |  | 1,084,240 |  | 568,518 |  | $(1,223,154)$ |  | $(70,257)$ |  | 892,480 |  | 576,139 |  | 393,129 |  | 391,911 |  | 98,627 |
| Transfers |  | 10 |  | 2,936 |  | 1,010 |  | 1,218 |  | 117 |  | - |  | 1 |  | 17 |  | - |  | 234 |
| Miscellaneous ${ }^{2}$ |  | 9,220 |  | 7,754 |  | 7,447 |  | 4,466 |  | 2,987 |  | 3,905 |  | 4,273 |  | 2,440 |  | 2,371 |  | 1,759 |
| Total Additions |  | 367,931 |  | 1,357,939 |  | 833,503 |  | $(960,278)$ |  | 167,704 |  | 1,088,056 |  | 740,331 |  | 503,545 |  | 495,946 |  | 183,979 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 78,153 |  | 61,876 |  | 46,158 |  | 36,615 |  | 27,505 |  | 20,813 |  | 14,433 |  | 8,978 |  | 6,043 |  | 4,059 |
| Refunds |  | 11,214 |  | 8,181 |  | 10,947 |  | 7,223 |  | 7,639 |  | 7,995 |  | 7,115 |  | 7,765 |  | 5,720 |  | 5,124 |
| Transfers |  | 282 |  | 147 |  | 205 |  | 1,146 |  | 49 |  | 32 |  | 250 |  | 331 |  | - |  | 94 |
| Administrative Expenses |  | 3,672 |  | 3,309 |  | 3,416 |  | 2,288 |  | 2,298 |  | 2,073 |  | 1,842 |  | 1,659 |  | 1,490 |  | 1,528 |
| Total Deductions |  | 93,321 |  | 73,513 |  | 60,726 |  | 47,272 |  | 37,491 |  | 30,913 |  | 23,640 |  | 18,733 |  | 13,253 |  | 10,805 |
| Total Changes in Fiduciary Net Position | \$ | 274,610 |  | 1,284,426 | \$ | 772,777 |  | $(1,007,550)$ | \$ | 130,213 |  | 1,057,143 | \$ | 716,691 | \$ | 484,812 | \$ | 482,693 | \$ | 173,174 |

[^6]Schedule of Changes in Fiduciary Net Position: WSPRS Plan 1/2

|  | 6/30/12 | 6/30/11 |  | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 | 6/30/06 | 6/30/05 | 6/30/04 | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ 6,454 | \$ 5,251 | \$ | 5,271 | \$ 6,371 | \$ 6,064 | \$ 3,278 | \$ 3,133 | \$ | \$ 1 | \$ |
| Employee Contributions | 5,376 | 4,166 |  | 4,173 | 5,501 | 5,239 | 3,278 | 3,134 | 1,316 | 1,322 | 1,314 |
| Investment Income (Loss) ${ }^{1}$ | 11,481 | 158,571 |  | 91,335 | $(210,676)$ | $(10,992)$ | 171,393 | 118,855 | 86,150 | 92,736 | 22,783 |
| Transfers | 54 | 415 |  | 10 | 331 | 89 | 163 | 8 | 98 | 121 | 144 |
| Miscellaneous ${ }^{2}$ | 2,010 | 1,385 |  | 1,399 | 500 | 478 | 385 | 409 | 381 | 452 | 377 |
| Total Additions | 25,375 | 169,788 |  | 102,188 | $(197,973)$ | 878 | 178,497 | 125,539 | 87,945 | 94,632 | 24,618 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |
| Benefits | 40,368 | 38,387 |  | 36,116 | 34,522 | 32,963 | 31,393 | 30,666 | 27,606 | 25,724 | 24,047 |
| Refunds | 262 | 315 |  | 127 | 211 | 269 | 291 | 125 | 173 | 303 | 220 |
| Transfers | 32 | 22 |  | 14 | 160 | 8 | - | 29 | 70 | - | 23 |
| Administrative Expenses | 392 | 356 |  | 364 | 354 | 391 | 381 | 408 | 358 | 347 | 378 |
| Total Deductions | 41,054 | 39,080 |  | 36,621 | 35,247 | 33,631 | 32,065 | 31,228 | 28,207 | 26,374 | 24,668 |
| Total Changes in Fiduciary Net Position | \$ $(15,679)$ | \$ 130,708 | \$ | 65,567 | \$(233,220) | \$ $(32,753)$ | \$ 146,432 | \$ 94,311 | \$ 59,738 | \$ 68,258 | \$ (50) |








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${ }^{2}$ Miscellaneous additions include restorations of employee contributions.
Schedule of Changes in Fiduciary Net Position: JRS

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | /30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 31 | \$ | 46 | \$ | 79 | \$ | 105 | \$ | 112 | \$ | 111 | \$ | 115 | \$ | 155 | \$ | 197 | \$ | 215 |
| Employee Contributions |  | 31 |  | 46 |  | 79 |  | 104 |  | 112 |  | 111 |  | 115 |  | 155 |  | 196 |  | 215 |
| State Contributions |  | 8,100 |  | 10,860 |  | 11,570 |  | 10,200 |  | 9,600 |  | 9,539 |  | 6,601 |  | 5,995 |  | 5,995 |  | 6,000 |
| Investment Income ${ }^{1}$ |  | 13 |  | 8 |  | 11 |  | 48 |  | 98 |  | 139 |  | 61 |  | 73 |  | 54 |  | 116 |
| Transfers |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Miscellaneous ${ }^{2}$ |  | 1 |  | 2 |  | 2 |  | 1 |  | 1 |  | - |  | - |  | 1 |  | 3 |  | 4 |
| Total Additions |  | 8,176 |  | 10,962 |  | 11,741 |  | 10,458 |  | 9,923 |  | 9,900 |  | 6,892 |  | 6,379 |  | 6,445 |  | 6,550 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 9,764 |  | 9,738 |  | 9,723 |  | 9,583 |  | 9,514 |  | 9,356 |  | 9,247 |  | 8,761 |  | 8,404 |  | 8,279 |
| Refunds |  | - |  | - |  | - |  | 7 |  | - |  | - |  | - |  | - |  | - |  | - |
| Transfers |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Administrative Expenses |  | 2 |  | 2 |  | 2 |  | 1 |  | - |  | - |  | - |  | 1 |  | 2 |  | 4 |
| Total Deductions |  | 9,766 |  | 9,740 |  | 9,725 |  | 9,591 |  | 9,514 |  | 9,356 |  | 9,247 |  | 8,762 |  | 8,406 |  | 8,283 |
| Total Changes in Fiduciary Net Position |  | $(1,590)$ | \$ | 1,222 | \$ | 2,016 | \$ | 867 | \$ | 409 | \$ | 544 | \$ | $(2,355)$ | \$ | $(2,383)$ | \$ | $(1,961)$ | \$ | $(1,733)$ |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 5,061 |  | 3,839 |  | 1,823 |  | 956 |  | 547 |  | 3 |  | 2,358 |  | 4,741 |  | 6,702 |  | 8,435 |
| End of Year |  | 3,471 | \$ | 5,061 |  | 3,839 | \$ | 1,823 | \$ | 956 | \$ | 547 | \$ | 3 | \$ | 2,358 | \$ | 4,741 | \$ | 6,702 |
| Employer Contributions: Percent of Covered Payroll |  | 7.5\% |  | 7.5\% |  | 7.5\% |  | 7.5\% |  | 7.5\% |  | 7.5\% |  | 7.5\% |  | 7.5\% |  | 7.5\% |  | 7.5\% |

${ }^{1}$ nvestment income reflects dividends, interest, realized capital gains and unrealized gains and losses.
Schedule of Changes in Fiduciary Net Position: JUDGES

|  | 6/30/12 | 6/30/11 | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 | 6/30/06 | 6/30/05 | 6/30/04 | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ - | \$ 6 |
| Employee Contributions | - | - | - | - | - | - | - | - | - | 6 |
| State Contributions | - | - | - | - | - | 300 | 300 | 500 | 500 | 250 |
| Investment Income ${ }^{1}$ | 19 | 11 | 48 | 141 | 179 | 184 | 139 | 86 | 20 | 109 |
| Transfers | - | - | - | - | - | - | - | - | - | - |
| Miscellaneous ${ }^{2}$ | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 3 |
| Total Additions | 20 | 12 | 49 | 143 | 180 | 486 | 441 | 588 | 523 | 374 |


| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefits |  | 482 |  | 499 |  | 500 |  | 501 |  | 545 |  | 581 |  | 624 |  | 641 |  | 685 |  | 639 |
| Refunds |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | 13 |  | - |  | - |
| Transfers |  | - |  | - |  | - |  | 1 |  | - |  | - |  | - |  | 1 |  | - |  | - |
| Administrative Expenses |  | 1 |  | 1 |  | 1 |  | 1 |  | 2 |  | 1 |  | 2 |  | 2 |  | 2 |  | 3 |
| Total Deductions |  | 483 |  | 500 |  | 501 |  | 503 |  | 547 |  | 582 |  | 626 |  | 657 |  | 687 |  | 642 |
| Total Changes in Fiduciary Net Position | \$ | (463) | \$ | (488) | \$ | (452) | \$ | (360) | \$ | (367) | \$ | (96) | \$ | (185) | \$ | (69) | \$ | (164) | \$ | (268) |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 2,335 |  | 2,823 |  | 3,275 |  | 3,635 |  | 4,002 |  | 4,098 |  | 4,283 |  | 4,352 |  | 4,516 |  | 4,784 |
| End of Year | \$ | 1,872 | \$ | 2,335 | \$ | 2,823 | \$ | 3,275 | \$ | 3,635 | \$ | 4,002 | \$ | 4,098 | \$ | 4,283 | \$ | 4,352 | \$ | 4,516 |
| Employer Contributions: Percent of Covered Payroll |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |

[^7]Schedule of Changes in Fiduciary Net Position : JRA
(dollars in thousands)

|  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer Contributions | \$ | 38 | \$ | 43 | \$ | 43 | \$ | 42 | \$ | 70 | \$ | 427 | \$ | 635 | \$ | 602 | \$ | 570 | \$ | 556 |
| Employee Contributions |  | 38 |  | 43 |  | 43 |  | 42 |  | 71 |  | 430 |  | 635 |  | 601 |  | 570 |  | 556 |
| Investment Income (Loss) ${ }^{1}$ |  | (29) |  | 1,940 |  | 985 |  | $(1,910)$ |  | (906) |  | 2,452 |  | 1,532 |  | 760 |  | 1,438 |  | 376 |
| Transfers |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Miscellaneous |  | 5 |  | 5 |  | 3 |  | 12 |  | 6 |  | 5 |  | 11 |  | 15 |  | 18 |  | 8 |
| Total Additions |  | 52 |  | 2,031 |  | 1,074 |  | $(1,814)$ |  | (759) |  | 3,314 |  | 2,813 |  | 1,978 |  | 2,596 |  | 1,496 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 810 |  | 445 |  | 389 |  | 461 |  | 6,540 |  | 110 |  | 207 |  | 411 |  | 282 |  | 168 |
| Refunds |  | - |  | - |  | 1 |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Transfers |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Administrative Expenses |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Total Deductions |  | 810 |  | 445 |  | 390 |  | 461 |  | 6,540 |  | 110 |  | 207 |  | 411 |  | 282 |  | 168 |
| Total Changes in Fiduciary Net Position | \$ | (758) | \$ | 1,586 | \$ | 684 |  | \$ 2,275 ) |  | ( 7,299 ) | \$ | 3,204 | \$ | 2,606 | \$ | 1,567 | \$ | 2,314 | \$ | 1,328 |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 13,027 |  | 11,441 |  | 10,757 |  | 13,032 |  | 20,331 |  | 17,127 |  | 14,521 |  | 12,954 |  | 10,640 |  | 9,312 |
| End of Year | \$ | 12,269 | \$ | 13,027 | \$ | 11,441 | \$ | 10,757 |  | 13,032 | \$ | 20,331 | \$ | 17,127 | \$ | 14,521 | \$ | 12,954 | \$ | 10,640 |
| Employer Contributions: Percent of Covered Payroll ${ }^{2}$ |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |

${ }^{1}$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses.
${ }^{2}$ Covered payroll figures are not available for this plan.
Schedule of Changes in Fiduciary Net Position: DCP

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Additions by Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Participant Contributions | \$ | 178,449 | \$ | 186,734 | \$ | 185,120 | \$ | 184,544 | \$ | 188,735 | \$ | 175,055 | \$ | 168,000 | \$ | 160,029 | \$ | 147,660 | \$ | 135,901 |
| Investment Income (Loss) ${ }^{1}$ |  | $(12,292)$ |  | 451,033 |  | 203,075 |  | $(344,592)$ |  | $(169,322)$ |  | 314,273 |  | 204,021 |  | 100,727 |  | 204,100 |  | 41,536 |
| Charges for Services |  | 1,677 |  | 1,610 |  | 1,780 |  | 1,405 |  | 838 |  | 689 |  | 1,079 |  | 335 |  | 206 |  | 287 |
| Transfers |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Miscellaneous |  | 794 |  | 1,461 |  | 1,145 |  | 690 |  | 833 |  | 854 |  | 1,536 |  | 2,302 |  | 2,578 |  | 1,188 |
| Total Additions |  | 168,628 |  | 640,838 |  | 391,120 |  | $(157,953)$ |  | 21,084 |  | 490,871 |  | 374,636 |  | 263,393 |  | 354,544 |  | 178,912 |
| Deductions by Type: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Refunds |  | 171,741 |  | 149,010 |  | 108,578 |  | 106,645 |  | 135,877 |  | 127,198 |  | 109,318 |  | 83,741 |  | 73,485 |  | 68,469 |
| Transfers |  | - |  | - |  | - |  | 2 |  | - |  | 3 |  | - |  | - |  | - |  | - |
| Administrative Expenses |  | 1,594 |  | 1,735 |  | 1,512 |  | 1,468 |  | 1,488 |  | 1,445 |  | 1,256 |  | 1,344 |  | 1,373 |  | 1,354 |
| Total Deductions |  | 173,335 |  | 150,745 |  | 110,090 |  | 108,115 |  | 137,365 |  | 128,646 |  | 110,574 |  | 85,085 |  | 74,858 |  | 69,823 |
| Total Changes in Fiduciary Net Position | \$ | $(4,707)$ | \$ | 490,093 | \$ | 281,030 |  | $(266,068)$ | \$ | $(116,281)$ | \$ | 362,225 | \$ | 264,062 | \$ | 178,308 | \$ | 279,686 | \$ | 109,089 |
| Fiduciary Net Position: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 2,940,439 |  | 2,450,346 |  | 2,169,316 |  | 2,435,384 |  | 2,551,665 |  | 2,189,440 |  | 1,925,378 |  | 1,747,070 |  | 1,467,384 |  | 1,358,295 |
| End of Year |  | 2,935,732 |  | 2,940,439 |  | 2,450,346 |  | 2,169,316 |  | 2,435,384 |  | 2,551,665 |  | 2,189,440 |  | 1,925,378 |  | 1,747,070 |  | 1,467,384 |
| Employer Contributions: Percent of Covered Payroll ${ }^{2}$ |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |  | n/a |
| IInvestment income reflects dividends, interest, realized capital gains and unrealized gains and losses. ${ }^{2}$ All DCP contributions are made by the participants. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Distribution of Membership

For the Years Ended June 30, 2008-2011 and September 30, 2002-2007
Active Members by System and Plan:

| Plan |  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PERS 1 | Percent | 2.64\% | 3.03\% | 3.43\% | 3.86\% | 4.41\% | 4.85\% | 5.50\% | 6.16\% | 6.89\% | 7.59\% |
|  | Individuals | 7,733 | 9,007 | 10,354 | 11,663 | 12,975 | 14,213 | 15,962 | 17,829 | 19,740 | 21,737 |
|  | Avg. Age | 61 | 60 | 59 | 59 | 58 | 57 | 57 | 56 | 55 | 55 |
| PERS 2 | Percent | 39.92\% | 40.27\% | 40.35\% | 40.81\% | 41.00\% | 40.39\% | 40.81\% | 40.97\% | 40.93\% | 40.85\% |
|  | Individuals | 117,096 | 119,826 | 121,800 | 123,285 | 120,625 | 118,341 | 118,400 | 118,572 | 117,262 | 116,939 |
|  | Avg. Age | 48 | 48 | 47 | 47 | 46 | 46 | 46 | 45 | 45 | 44 |
| PERS 3 | Percent | 9.41\% | 9.31\% | 8.97\% | 8.85\% | 8.30\% | 7.67\% | 7.31\% | 6.86\% | 6.12\% | 5.42\% |
|  | Individuals | 27,588 | 27,693 | 27,081 | 26,720 | 24,422 | 22,473 | 21,216 | 19,855 | 17,548 | 15,509 |
|  | Avg. Age | 43 | 43 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 43 |
| SERS 2 | Percent | 7.09\% | 6.84\% | 6.69\% | 6.38\% | 6.04\% | 6.30\% | 6.68\% | 7.06\% | 7.51\% | 7.99\% |
|  | Individuals | 20,784 | 20,358 | 20,197 | 19,264 | 17,767 | 18,464 | 19,387 | 20,424 | 21,504 | 22,870 |
|  | Avg. Age | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 49 | 48 | 47 |
| SERS 3 | Percent | 10.76\% | 10.75\% | 10.69\% | 10.76\% | 11.24\% | 11.04\% | 10.67\% | 10.17\% | 9.67\% | 9.40\% |
|  | Individuals | 31,548 | 31,981 | 32,277 | 32,510 | 33,058 | 32,354 | 30,963 | 29,430 | 27,710 | 26,921 |
|  | Avg. Age | 50 | 49 | 49 | 48 | 47 | 47 | 46 | 46 | 46 | 45 |
| PSERS 2 | Percent | 1.43\% | 1.42\% | 1.44\% | 1.32\% | 0.94\% | 0.71\% | - | - | - | - |
|  | Individuals | 4,187 | 4,210 | 4,340 | 3,981 | 2,755 | 2,073 | - | - | - | - |
|  | Avg. Age | 40 | 39 | 38 | 37 | 38 | 39 | - | - | - | - |
| TRS 1 | Percent | 1.27\% | 1.54\% | 1.72\% | 2.01\% | 2.15\% | 2.52\% | 2.96\% | 3.41\% | 3.90\% | 4.35\% |
|  | Individuals | 3,740 | 4,591 | 5,204 | 6,061 | 6,331 | 7,382 | 8,592 | 9,862 | 11,175 | 12,456 |
|  | Avg. Age | 62 | 61 | 60 | 59 | 58 | 58 | 57 | 56 | 55 | 55 |
| TRS 2 | Percent | 3.51\% | 3.17\% | 3.04\% | 2.68\% | 2.30\% | 2.38\% | 2.48\% | 2.58\% | 2.67\% | 2.73\% |
|  | Individuals | 10,285 | 9,442 | 9,174 | 8,103 | 6,752 | 6,983 | 7,205 | 7,470 | 7,637 | 7,809 |
|  | Avg. Age | 46 | 48 | 48 | 49 | 52 | 51 | 51 | 50 | 49 | 49 |
| TRS 3 | Percent | 17.79\% | 17.57\% | 17.56\% | 17.33\% | 17.63\% | 18.22\% | 17.74\% | 17.03\% | 16.50\% | 16.00\% |
|  | Individuals | 52,178 | 52,292 | 53,010 | 52,360 | 51,856 | 53,371 | 51,473 | 49,302 | 47,263 | 45,798 |
|  | Avg. Age | 45 | 45 | 44 | 43 | 43 | 42 | 42 | 42 | 41 | 41 |
| LEOFF 1 | Percent | 0.08\% | 0.10\% | 0.12\% | 0.14\% | 0.17\% | 0.20\% | 0.25\% | 0.29\% | 0.35\% | 0.40\% |
|  | Individuals | 250 | 301 | 356 | 421 | 513 | 596 | 723 | 848 | 991 | 1,147 |
|  | Avg. Age | 60 | 60 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 53 |
| LEOFF 2 | Percent | 5.73\% | 5.64\% | 5.62\% | 5.50\% | 5.47\% | 5.37\% | 5.23\% | 5.10\% | 5.08\% | 4.90\% |
|  | Individuals | 16,805 | 16,775 | 16,951 | 16,626 | 16,099 | 15,718 | 15,168 | 14,754 | 14,560 | 14,011 |
|  | Avg. Age | 43 | 42 | 42 | 41 | 41 | 41 | 41 | 40 | 40 | 39 |
| WSPRS 1 | Percent | 0.26\% | 0.27\% | 0.28\% | 0.28\% | 0.30\% | 0.31\% | 0.33\% | 0.34\% | 0.36\% | 0.36\% |
|  | Individuals | 767 | 806 | 830 | 851 | 885 | 906 | 941 | 997 | 1,045 | 1,035 |
|  | Avg. Age | 45 | 44 | 43 | 42 | 41 | 41 | 40 | 39 | 39 | 38 |
| WSPRS 2 | Percent | 0.11\% | 0.09\% | 0.09\% | 0.08\% | 0.05\% | 0.04\% | 0.03\% | 0.02\% | 0.01\% | - |
|  | Individuals | 315 | 281 | 264 | 234 | 152 | 116 | 81 | 60 | 34 | - |
|  | Avg. Age | 32 | 32 | 31 | 30 | 31 | 30 | 30 | 29 | 29 | - |
| JRS | Percent | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.01\% | 0.01\% | 0.01\% | 0.01\% |
|  | Individuals | 3 | 5 | 9 | 10 | 11 | 11 | 13 | 19 | 21 | 24 |
|  | Avg. Age | 69 | 69 | 69 | 67 | 66 | 66 | 65 | 63 | 63 | 61 |
| Judges | Percent | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
|  | Individuals | - | - | - | - | - | - | - | - | - | 1 |
|  | Avg. Age | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 76 |
| Totals | Percent | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
|  | Individuals | 293,279 | 297,568 | 301,847 | 302,089 | 294,201 | 293,001 | 290,124 | 289,422 | 286,490 | 286,257 |

Source: Washington State Office of the State Actuary
Figures are as of the latest valuation date for each year.

## Distribution of Membership

For the Years Ended June 30, 2008-2011 and September 30, 2002-2007
Inactive and Retired Members by System and Plan:

| Plan |  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PERS 1 | Percent | 29.18\% | 30.63\% | 31.87\% | 33.11\% | 34.34\% | 35.47\% | 37.53\% | 39.14\% | 40.64\% | 42.00\% |
|  | Individuals | 55,053 | 55,721 | 56,272 | 56,852 | 57,342 | 57,509 | 57,628 | 57,561 | 57,514 | 57,286 |
|  | Avg. Age | 74 | 74 | 73 | 73 | 73 | 73 | 72 | 72 | 72 | 72 |
| PERS 2 | Percent | 26.06\% | 25.04\% | 24.14\% | 23.23\% | 22.34\% | 21.88\% | 20.46\% | 19.62\% | 19.08\% | 18.64\% |
|  | Individuals | 49,167 | 45,556 | 42,614 | 39,890 | 37,302 | 35,485 | 31,412 | 28,860 | 26,993 | 25,415 |
|  | Avg. Age | 62 | 61 | 60 | 60 | 59 | 59 | 59 | 59 | 58 | 57 |
| PERS 3 | Percent | 2.69\% | 2.46\% | 2.29\% | 2.12\% | 1.91\% | 1.74\% | 1.39\% | 1.02\% | 0.61\% | 0.15\% |
|  | Individuals | 5,068 | 4,482 | 4,045 | 3,647 | 3,183 | 2,817 | 2,136 | 1,506 | 856 | 207 |
|  | Avg. Age | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 46 |
| SERS 2 | Percent | 4.61\% | 4.44\% | 4.26\% | 3.99\% | 3.61\% | 3.36\% | 2.93\% | 2.40\% | 1.86\% | 1.35\% |
|  | Individuals | 8,697 | 8,069 | 7,514 | 6,845 | 6,019 | 5,442 | 4,499 | 3,525 | 2,638 | 1,834 |
|  | Avg. Age | 61 | 60 | 58 | 58 | 57 | 56 | 56 | 55 | 54 | 53 |
| SERS 3 | Percent | 4.24\% | 3.86\% | 3.57\% | 3.28\% | 2.87\% | 2.60\% | 2.08\% | 1.71\% | 1.38\% | 0.98\% |
|  | Individuals | 7,993 | 7,015 | 6,308 | 5,628 | 4,796 | 4,210 | 3,196 | 2,516 | 1,954 | 1,333 |
|  | Avg. Age | 60 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 53 | 52 |
| PSERS 2 | Percent | 0.01\% | 0.01\% | 0.00\% | 0.00\% | - | - | - | - | - | - |
|  | Individuals | 16 | 7 | 2 | 1 | - | - | - | - | - | - |
|  | Avg. Age | 59 | 58 | 63 | 66 | - | - | - | - | - | - |
| TRS 1 | Percent | 19.45\% | 20.18\% | 20.88\% | 21.45\% | 22.41\% | 22.80\% | 23.83\% | 24.54\% | 25.09\% | 25.64\% |
|  | Individuals | 36,699 | 36,716 | 36,875 | 36,839 | 37,420 | 36,969 | 36,592 | 36,099 | 35,504 | 34,970 |
|  | Avg. Age | 73 | 72 | 72 | 71 | 71 | 71 | 70 | 70 | 70 | 70 |
| TRS 2 | Percent | 2.69\% | 2.63\% | 2.59\% | 2.57\% | 2.57\% | 2.54\% | 2.53\% | 2.47\% | 2.44\% | 2.43\% |
|  | Individuals | 5,080 | 4,787 | 4,576 | 4,418 | 4,288 | 4,116 | 3,887 | 3,637 | 3,450 | 3,310 |
|  | Avg. Age | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 54 | 53 |
| TRS 3 | Percent | 4.84\% | 4.41\% | 4.04\% | 3.84\% | 3.48\% | 3.07\% | 2.52\% | 2.24\% | 1.98\% | 1.78\% |
|  | Individuals | 9,134 | 8,017 | 7,136 | 6,592 | 5,811 | 4,978 | 3,864 | 3,302 | 2,803 | 2,434 |
|  | Avg. Age | 58 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 50 | 49 |
| LEOFF 1 | Percent | 4.20\% | 4.40\% | 4.58\% | 4.74\% | 4.89\% | 5.04\% | 5.31\% | 5.52\% | 5.70\% | 5.87\% |
|  | Individuals | 7,933 | 8,009 | 8,089 | 8,135 | 8,165 | 8,177 | 8,156 | 8,117 | 8,068 | 8,009 |
|  | Avg. Age | 70 | 70 | 69 | 68 | 68 | 67 | 67 | 66 | 65 | 65 |
| LEOFF 2 | Percent | 1.42\% | 1.33\% | 1.16\% | 1.04\% | 0.93\% | 0.85\% | 0.74\% | 0.65\% | 0.53\% | 0.45\% |
|  | Individuals | 2,670 | 2,420 | 2,039 | 1,783 | 1,553 | 1,376 | 1,144 | 953 | 755 | 620 |
|  | Avg. Age | 56 | 55 | 54 | 54 | 53 | 52 | 52 | 51 | 51 | 50 |
| WSPRS 1 | Percent | 0.53\% | 0.53\% | 0.54\% | 0.55\% | 0.56\% | 0.56\% | 0.58\% | 0.59\% | 0.59\% | 0.60\% |
|  | Individuals | 992 | 970 | 956 | 947 | 933 | 918 | 894 | 862 | 828 | 813 |
|  | Avg. Age | 65 | 65 | 65 | 64 | 64 | 64 | 63 | 63 | 63 | 63 |
| WSPRS 2 | Percent | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | - | - | - | - | - |
|  | Individuals | 6 | 6 | 4 | 2 | 1 | - | - | - | - | - |
|  | Avg. Age | 37 | 35 | 33 | 32 | 29 | - | - | - | - | - |
| JRS | Percent | 0.07\% | 0.07\% | 0.07\% | 0.07\% | 0.08\% | 0.08\% | 0.09\% | 0.09\% | 0.09\% | 0.10\% |
|  | Individuals | 124 | 125 | 124 | 128 | 131 | 133 | 133 | 129 | 132 | 134 |
|  | Avg. Age | 80 | 79 | 79 | 79 | 78 | 77 | 77 | 76 | 76 | 76 |
| Judges | Percent | 0.01\% | 0.01\% | 0.01\% | 0.01\% | 0.01\% | 0.01\% | 0.01\% | 0.01\% | 0.01\% | 0.01\% |
|  | Individuals | 13 | 13 | 13 | 13 | 15 | 15 | 16 | 16 | 17 | 18 |
|  | Avg. Age | 83 | 82 | 81 | 80 | 79 | 79 | 78 | 78 | 78 | 80 |
| Totals | Percent | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
|  | Individuals | 188,645 | 181,913 | 176,567 | 171,720 | 166,959 | 162,145 | 153,557 | 147,083 | 141,512 | 136,383 |

Source: Washington State Office of the State Actuary
Figures are as of the latest valuation date for each year.

## Principal Participating Employers by Plan: PERS 1

Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| University of Washington | 491 | 1 | 7.3\% | Dept. of Social \& Health Services | 1,624 | 1 | 8.4\% |
| Dept. of Social \& Health Services | 441 | 2 | 6.6\% | University of Washington | 1,262 | 2 | 6.5\% |
| King County | 417 | 3 | 6.2\% | Dept. of Transportation | 652 | 3 | 3.4\% |
| Dept. of Transportation | 175 | 4 | 2.6\% | King County | 586 | 4 | 3.0\% |
| Dept. of Employment Security | 144 | 5 | 2.1\% | KC Metro | 522 | 5 | 2.7\% |
| Seattle SD 001 | 132 | 6 | 2.0\% | Dept. of Employment Security | 510 | 6 | 2.6\% |
| Dept. of Labor \& Industries | 122 | 7 | 1.8\% | Dept. of Labor \& Industries | 361 | 7 | 1.9\% |
| Washington State Ferries | 77 | 8 | 1.1\% | Seattle SD 001 | 297 | 8 | 1.5\% |
| Pierce County | 76 | 9 | 1.1\% | Washington State University | 278 | 9 | 1.4\% |
| Corrections Southwest Region | 69 | 10 | 1.0\% | Dept. of Fish \& Wildllife | 255 | 10 | 1.3\% |
| All other* | 4,590 |  | 68.2\% | All other | 13,037 |  | 67.3\% |
| Total (678 employers) | 6,734 |  | 100.0\% | Total (866 employers) | 19,384 |  | 100.0\% |

*In 2012, "all other" consisted of:

| Type |  | Number | Employees | **2003 calendar year statistics. |
| :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 122 | 1,567 |  |
| School Districts |  | 219 | 1,474 |  |
| Counties/Municipalities |  | 153 | 995 |  |
| Other Political Subdivisions |  | 174 | 554 |  |
|  | Total | 668 | 4,590 |  |

Principal Participating Employers by Plan: PERS 2
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| University of Washington | 11,118 | 1 | 9.4\% | University of Washington | 11,342 | 1 | 9.6\% |
| King County | 10,170 | 2 | 8.6\% | Dept. of Social \& Health Services | 8,077 | 2 | 6.9\% |
| Dept. of Social \& Health Services | 7,693 | 3 | 6.5\% | King County | 4,893 | 3 | 4.2\% |
| Dept. of Transportation | 4,312 | 4 | 3.7\% | KC Metro | 4,070 | 4 | 3.5\% |
| Dept. of Labor \& Industries | 2,179 | 5 | 1.8\% | Dept. of Transportation | 3,893 | 5 | 3.3\% |
| Pierce County | 2,119 | 6 | 1.8\% | Pierce County | 2,473 | 6 | 2.1\% |
| Snohomish County | 1,836 | 7 | 1.6\% | Snohomish County | 2,082 | 7 | 1.8\% |
| Corrections Southwest Region | 1,708 | 8 | 1.5\% | Dept. of Labor \& Industries | 1,995 | 8 | 1.7\% |
| Washington State University | 1,567 | 9 | 1.3\% | Corrections Southwest Region | 1,890 | 9 | 1.6\% |
| Dept. of Employment Security | 1,546 | 10 | 1.3\% | Washington State University | 1,826 | 10 | 1.5\% |
| All Other | 73,656 |  | 62.5\% | All other | 75,133 |  | 63.8\% |
| Total (937 employers) | 117,904 |  | 100.0\% | Total (962 employers) | 117,674 |  | 100.0\% |

*In 2012, "all other" consisted of:

| Type |  | Number | Employees | **2003 calendar year statistics. |
| :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 162 | 30,869 |  |
| School Districts |  | - | - |  |
| Counties/Municipalities |  | 271 | 23,911 |  |
| Other Political Subdivisions |  | 494 | 18,876 |  |
|  | Total | 927 | 73,656 |  |

Principal Participating Employers by Plan: PERS 3
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| University of Washington | 4,644 | 1 | 16.7\% | University of Washington | 2,109 | 1 | 12.0\% |
| King County | 1,794 | 2 | 6.5\% | Dept. of Social \& Health Services | 1,149 | 2 | 6.5\% |
| Dept. of Social \& Health Services | 1,566 | 3 | 5.6\% | Dept. of Transportation | 815 | 3 | 4.6\% |
| Dept. of Transportation | 1,000 | 4 | 3.6\% | King County | 578 | 4 | 3.3\% |
| Washington State University | 790 | 5 | 2.9\% | Washington State University | 478 | 5 | 2.7\% |
| Dept. of Ecology | 445 | 6 | 1.6\% | KC Metro | 435 | 6 | 2.5\% |
| Dept. of Fish \& Wildllife | 423 | 7 | 1.5\% | Dept. of Ecology | 356 | 7 | 2.0\% |
| Dept. of Employment Security | 417 | 8 | 1.5\% | Dept. of Natural Resources | 309 | 8 | 1.7\% |
| Pierce County | 410 | 9 | 1.5\% | Energy Northwest | 294 | 9 | 1.7\% |
| Dept. of Labor \& Industries | 373 | 10 | 1.3\% | Dept. of Employment Security | 279 | 10 | 1.6\% |
| All other* | 15,922 |  | 57.3\% | All other | 10,802 |  | 61.4\% |
| Total (663 employers) | 27,784 |  | 100.0\% | Total (524 employers) | $\underline{\underline{17,604}}$ |  | 100.0\% |

*In 2012, "all other" consisted of:

| Type |  | Number | Employees | **2003 calendar year statistics. |
| :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 149 | 7,775 |  |
| School Districts |  | - | - |  |
| Counties/Municipalities |  | 204 | 4,632 |  |
| Other Political Subdivisions |  | 300 | 3,515 |  |
|  | Total | 653 | 15,922 |  |

Principal Participating Employers by Plan: SERS 2
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| Seattle SD 001 | 992 | 1 | 4.5\% | Seattle SD 001 | 1,116 | 1 | 5.1\% |
| Tacoma SD 010 | 681 | 2 | 3.1\% | Tacoma SD 010 | 821 | 2 | 3.7\% |
| Spokane Public Schools | 490 | 3 | 2.2\% | Kent SD 415 | 608 | 3 | 2.8\% |
| Highline SD 401 | 476 | 4 | 2.2\% | Spokane Public Schools | 600 | 4 | 2.7\% |
| Kent SD 415 | 466 | 5 | 2.1\% | Vancouver SD 037 | 573 | 5 | 2.6\% |
| Vancouver SD 037 | 461 | 6 | 2.1\% | Highline SD 401 | 526 | 6 | 2.4\% |
| Evergreen SD 114 | 407 | 7 | 1.8\% | Federal Way SD 210 | 435 | 7 | 2.0\% |
| Bellevue SD 405 | 394 | 8 | 1.8\% | Edmonds SD 015 | 431 | 8 | 1.9\% |
| Federal Way SD 210 | 386 | 9 | 1.8\% | Lake Washington SD 414 | 396 | 9 | 1.8\% |
| Puyallup SD 003 | 365 | 10 | 1.7\% | Northshore SD 417 | 395 | 10 | 1.8\% |
| All other* | 16,865 |  | 76.7\% | All other | 16,092 |  | 73.2\% |
| Total (299 employers) | 21,983 |  | 100.0\% | Total (427 employers) | 21,993 |  | 100.0\% |

*In 2012, "all other" consisted of:

| Type |  | Number | Employees | **August 31, 2003 statistics. |
| :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | - | - |  |
| School Districts |  | 289 | 16,865 |  |
| Counties/Municipalities |  | - | - |  |
| Other Political Subdivisions |  | - | - |  |
|  | Total | 289 | 16,865 |  |

## Principal Participating Employers by Plan: SERS 3

Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| Seattle SD 001 | 1,040 | 1 | 3.3\% | Seattle SD 001 | 850 | 1 | 3.1\% |
| Kent SD 415 | 933 | 2 | 2.9\% | Kent SD 415 | 820 | 2 | 3.0\% |
| Spokane Public Schools | 807 | 3 | 2.5\% | Spokane Public Schools | 742 | 3 | 2.7\% |
| Evergreen SD 114 | 743 | 4 | 2.3\% | Evergreen SD 114 | 678 | 4 | 2.5\% |
| Lake Washington SD 414 | 698 | 5 | 2.2\% | Lake Washington SD 414 | 589 | 5 | 2.2\% |
| Tacoma SD 010 | 680 | 6 | 2.1\% | Tacoma SD 010 | 572 | 6 | 2.1\% |
| Vancouver SD 037 | 657 | 7 | 2.0\% | Federal Way SD 210 | 563 | 7 | 2.1\% |
| Puyallup SD 003 | 632 | 8 | 2.0\% | Edmonds SD 015 | 560 | 8 | 2.1\% |
| Edmonds SD 015 | 623 | 9 | 2.0\% | Vancouver SD 037 | 555 | 9 | 2.1\% |
| Bethel SD 403 | 620 | 10 | 2.0\% | Northshore SD 417 | 528 | 10 | 2.0\% |
| All other* | 24,406 |  | 76.7\% | All other | 20,606 |  | 76.1\% |
| Total (301 employers) | 31,839 |  | 100.0\% | Total (297 employers) | 27,063 |  | 100.0\% |

*In 2012, "all other" consisted of:

| Type | $\frac{\text { Number }}{}$ | Employees | $*$ **August 31, 2003 statistics |
| :--- | ---: | ---: | ---: |
| State Agencies | - | - |  |
| School Districts | 291 | 24,406 | - |
| Counties/Municipalities |  | - | - |
| Other Political Subdivisions |  | - | $\frac{-}{24,406}$ |

Principal Participating Employers by Plan: PSERS 2
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| Corrections Northwest Region | 776 | 1 | 18.1\% |  |  |  |  |
| Corrections Southeast Region | 630 | 2 | 14.7\% |  |  |  |  |
| Corrections Southwest Region | 460 | 3 | 10.8\% |  |  |  |  |
| King County | 331 | 4 | 7.7\% |  |  |  |  |
| Pierce County | 199 | 5 | 4.7\% |  |  |  |  |
| Snohomish County | 177 | 6 | 4.1\% |  |  |  |  |
| Corrections Northeast Region | 135 | 7 | 3.2\% |  |  |  |  |
| Parks \& Recreation Commission | 126 | 8 | 2.9\% |  |  |  |  |
| Spokane County | 112 | 9 | 2.6\% |  |  |  |  |
| Thurston County | 103 | 10 | 2.4\% |  |  |  |  |
| All other* | 1,233 |  | 28.8\% |  |  |  |  |
| Total (76 employers) | 4,282 |  | 100.0\% |  |  |  |  |

*In 2012, "all other" consisted of:

| Type |  | Number <br> 5 | $\frac{5}{\text { Employees }}$ |
| :--- | :--- | ---: | ---: |
| State Agencies |  | - | - |
| School Districts |  | 60 | 975 |
| Counties/Municipalities |  | 1 | 82 |
| Other Political Subdivisions | Total | $\underline{66}$ | $\underline{1,233}$ |
|  |  |  |  |

Principal Participating Employers by Plan: TRS 1
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| Seattle SD 001 | 176 | 1 | 5.8\% | Seattle SD 001 | 637 | 1 | 5.6\% |
| Tacoma SD 010 | 139 | 2 | 4.5\% | Tacoma SD 010 | 467 | 2 | 4.1\% |
| Northshore SD 417 | 93 | 3 | 3.0\% | Spokane Public Schools | 378 | 3 | 3.3\% |
| Lake Washington SD 414 | 78 | 4 | 2.5\% | Northshore SD 417 | 285 | 4 | 2.5\% |
| Spokane Public Schools | 64 | 5 | 2.1\% | Lake Washington SD 414 | 253 | 5 | 2.2\% |
| Evergreen SD 114 | 63 | 6 | 2.1\% | Kent SD 415 | 248 | 6 | 2.2\% |
| Everett SD 002 | 58 | 7 | 1.9\% | Vancouver SD 037 | 239 | 7 | 2.1\% |
| Puyallup SD 003 | 57 | 8 | 1.9\% | Evergreen SD 114 | 238 | 8 | 2.1\% |
| Kent SD 415 | 52 | 9 | 1.7\% | Yakima SD 007 | 210 | 9 | 1.9\% |
| Yakima SD 007 | 51 | 10 | 1.7\% | Central Valley SD 356 | 192 | 10 | 1.7\% |
| All other* | 2,227 |  | 72.8\% | All other | 8,185 |  | 72.3\% |
| Total (304 employers) | 3,058 |  | 100.0\% | Total (371 employers) | 11,332 |  | 100.0\% |

*In 2012, "all other" consisted of:

| Type |  | Number | Employees | **August 31, 2003 statistics. |
| :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 47 | 142 |  |
| School Districts |  | 247 | 2,085 |  |
| Counties/Municipalities |  | - | - |  |
| Other Political Subdivisions |  | - | - |  |
|  | Total | 294 | 2,227 |  |

Principal Participating Employers by Plan: TRS 2
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| Seattle SD 001 | 823 | 1 | 7.2\% | Seattle SD 001 | 608 | 1 | 7.7\% |
| Tacoma SD 010 | 469 | 2 | 4.1\% | Tacoma SD 010 | 406 | 2 | 5.2\% |
| Spokane Public Schools | 311 | 3 | 2.7\% | Spokane Public Schools | 309 | 3 | 3.9\% |
| Evergreen SD 114 | 304 | 4 | 2.6\% | Kent SD 415 | 179 | 4 | 2.3\% |
| Kent SD 415 | 295 | 5 | 2.6\% | Highline SD 401 | 161 | 5 | 2.1\% |
| Federal Way SD 210 | 244 | 6 | 2.1\% | Edmonds SD 015 | 156 | 6 | 2.0\% |
| Lake Washington SD 414 | 243 | 7 | 2.1\% | Lake Washington SD 414 | 155 | 7 | 2.0\% |
| Vancouver SD 037 | 233 | 8 | 2.0\% | Federal Way SD 210 | 150 | 8 | 1.9\% |
| Highline SD 401 | 231 | 9 | 2.0\% | Vancouver SD 037 | 142 | 9 | 1.8\% |
| Pasco SD 001 | 210 | 10 | 1.8\% | Bethel SD 403 | 140 | 10 | 1.8\% |
| All other* | 8,147 |  | 70.8\% | All other | 5,439 |  | 69.3\% |
| Total (319 employers) | 11,510 |  | 100.0\% | Total (307 employers) | 7,845 |  | 100.0\% |

*In 2012, "all other" consisted of:

| Type |  | $\frac{\text { Number }}{24}$ | $\frac{\text { Employees }}{66}$ | ${ }^{* *}$ August 31, 2003 statistics. |
| :--- | ---: | ---: | ---: | ---: |
| State Agencies |  | 24 | 8,081 |  |
| School Districts |  | - | - | - |
| Counties/Municipalities |  | - | $\overline{8,147}$ |  |

Principal Participating Employers by Plan: TRS 3
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| Seattle SD 001 | 2,601 | 1 | 4.8\% | Seattle SD 001 | 2,233 | 1 | 4.7\% |
| Spokane Public Schools | 1,722 | 2 | 3.2\% | Spokane Public Schools | 1,569 | 2 | 3.3\% |
| Tacoma SD 010 | 1,518 | 3 | 2.8\% | Kent SD 415 | 1,449 | 3 | 3.0\% |
| Evergreen SD 114 | 1,484 | 4 | 2.8\% | Tacoma SD 010 | 1,367 | 4 | 2.9\% |
| Kent SD 415 | 1,407 | 5 | 2.6\% | Evergreen SD 114 | 1,243 | 5 | 2.6\% |
| Lake Washington SD 414 | 1,354 | 6 | 2.5\% | Federal Way SD 210 | 1,120 | 6 | 2.4\% |
| Federal Way SD 210 | 1,226 | 7 | 2.3\% | Lake Washington SD 414 | 1,119 | 7 | 2.4\% |
| Vancouver SD 037 | 1,106 | 8 | 2.1\% | Edmonds SD 015 | 1,029 | 8 | 2.2\% |
| Bellevue SD 405 | 1,085 | 9 | 2.0\% | Vancouver SD 037 | 1,024 | 9 | 2.1\% |
| Edmonds SD 015 | 1,081 | 10 | 2.0\% | Bellevue SD 405 | 939 | 10 | 2.0\% |
| All other* | 39,199 |  | 72.9\% | All other | 34,419 |  | 72.4\% |
| Total (337 employers) | 53,783 |  | 100.0\% | Total (331 employers) | 47,511 |  | 100.0\% |

*ln 2012, "all other" consisted of:

| Type |  | Number | Employees | **August 31, 2003 statistics. |
| :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 35 | 208 |  |
| School Districts |  | 292 | 38,991 |  |
| Counties/Municipalities |  | - | - |  |
| Other Political Subdivisions |  | - | - |  |
|  | Total | 327 | 39,199 |  |

Principal Participating Employers by Plan: LEOFF 1
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| City of Seattle | 65 | 1 | 34.2\% | City of Seattle | 190 | 1 | 20.2\% |
| City of Bellevue | 9 | 2 | 4.7\% | City of Spokane | 77 | 2 | 8.2\% |
| City of Spokane | 9 | 3 | 4.7\% | City of Tacoma | 71 | 3 | 7.6\% |
| City of Tacoma | 9 | 4 | 4.7\% | City of Bellingham | 42 | 4 | 4.5\% |
| City of Everett | 7 | 5 | 3.7\% | City of Bellevue | 33 | 5 | 3.5\% |
| Pierce County FPD 03 | 6 | 6 | 3.2\% | King County | 33 | 6 | 3.5\% |
| City of Bellingham | 5 | 7 | 2.6\% | City of Everett | 25 | 7 | 2.7\% |
| City of Pasco | 4 | 8 | 2.1\% | Spokane County | 22 | 8 | 2.3\% |
| Snohomish County FPD 01 | 4 | 9 | 2.1\% | City of Renton | 18 | 9 | 1.9\% |
| City of Bremerton | 3 | 10 | 1.6\% | City of Kent | 16 | 10 | 1.7\% |
| All other* | 69 |  | 36.4\% | All other | 412 |  | 43.9\% |
| Total (54 employers) | 190 |  | 100.0\% | Total (123 employers) | 939 |  | $\underline{\underline{100.0 \%}}$ |

*In 2012, "all other" consisted of:

| Type |  | Number | Employees |
| :---: | :---: | :---: | :---: |
| State Agencies |  | - | - |
| School Districts |  | - | - |
| Counties/Municipalities |  | 34 | 55 |
| Other Political Subdivisions |  | 10 | 14 |
|  | Total | 44 | 69 |

Principal Participating Employers by Plan: LEOFF 2

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| City of Seattle | 2,234 | 1 | 13.3\% | City of Seattle | 2,038 | 1 | 13.9\% |
| City of Tacoma | 725 | 2 | 4.3\% | City of Tacoma | 686 | 2 | 4.7\% |
| King County | 700 | 3 | 4.2\% | King County | 667 | 3 | 4.6\% |
| City of Spokane | 552 | 4 | 3.3\% | City of Spokane | 537 | 4 | 3.7\% |
| City of Bellevue | 373 | 5 | 2.2\% | Pierce County | 361 | 5 | 2.5\% |
| City of Vancouver | 361 | 6 | 2.1\% | City of Bellevue | 339 | 6 | 2.3\% |
| City of Everett | 351 | 7 | 2.1\% | City of Vancouver | 334 | 7 | 2.3\% |
| Pierce County | 294 | 8 | 1.7\% | City of Everett | 333 | 8 | 2.3\% |
| Snohomish County | 271 | 9 | 1.6\% | City of Kent | 243 | 9 | 1.6\% |
| City of Renton | 260 | 10 | 1.5\% | Snohomish County | 241 | 10 | 1.6\% |
| All other | 10,728 |  | 63.7\% | All other | 8,853 |  | 60.5\% |
| Total (373 employers) | $\underline{16,849}$ |  | 100.0\% | Total (362 employers) | 14,632 |  | 100.0\% |


| Type |  | Number | Employees | **2003 calendar year statistics. |
| :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 8 | 237 |  |
| School Districts |  | - | - |  |
| Counties/Municipalities |  | 202 | 6,577 |  |
| Other Political Subdivisions |  | 153 | 3,914 |  |
|  | Total | 363 | 10,728 |  |

Principal Participating Employers by Plan: JRS
Current Year and Nine Years Prior

| 2012 |  |  |  | 2003** |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employer | Covered Employees | Rank | Percentage of Total Plan | Employer | Covered Employees | Rank | Percentage of Total Plan |
| Administrative Office of the Courts | 2 | 1 | 100\% | Administrative Office of the Courts | 14 | 1 | 66.7\% |
|  |  |  |  | Court of Appeals | 5 | 2 | 23.8\% |
|  |  |  |  | Supreme Court | 2 | 3 | 9.5\% |
| Total (1 employer) | 2 |  | 100.0\% | Total (3 employers) | 21 |  | 100.0\% |

**2003 calendar year statistics.

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 1 of 10) 

## State Agencies

Administrative Office of the Courts
Archaeology-Historic Preservation
Board for Volunteer Firefighters
Board of Industrial Insurance
Appeals
Board of Tax Appeals
Center for Childhood Deafness \&
Hearing Loss
Child Study \& Treatment Ctr.
Civil Legal Aide
Consolidated Support Services
Consolidated Technology Services
Corrections Health Services
County Road Administration Board
Court of Appeals
Dept. of Agriculture
Dept. of Commerce
Dept. of Corrections
Corrections Northeast Region
Corrections Northwest Region
Corrections Southeast Region
Corrections Southwest Region
Dept. of Early Learning
Dept. of Ecology
Dept. of Employment Security
Dept. of Enterprise Services
Dept. of Financial Institutions
Dept. of Fish \& Wildlife
Dept. of Health
Dept. of Labor \& Industries
Dept. of Licensing
Dept. of Natural Resources
Dept. of Retirement Systems
Dept. of Revenue
Dept. of Services for the Blind
Dept. of Social \& Health Services (9)
Dept. of Transportation
Dept. of Veterans' Affairs
Eastern State Hospital
Eastern WA State Historical Society
Echo Glen Children's Ctr.
Economic Development Finance Auth.
Environmental \& Land Use Hearings Office
Fircrest School

Frances H. Morgan Ctr.
Governor's Office of Indian Affairs
Green Hill School
Health Care Facilities Auth.
Higher Education Coordinating Board
House of Representatives
Innovate Washington
Joint Legislative Audit \& Review
Committee
Joint Legislative Systems Committee
Joint Transportation Committee
Lakeland Village
Law Library
LEAP Committee
LEOFF Plan 2 Retirement Board
Liquor Control Board
Military Dept.
Naselle Youth Camp
Office of Administrative Hearings
Office of Financial Mgmt.
Office of Minority \& Women's
Business Enterprises
Office of Public Defense
Office of the Attorney General
Office of the Forecast Council
Office of the Governor
Office of the Insurance Commissioner
Office of the Lieutenant Governor
Office of the Secretary of State
Office of the State Actuary
Office of the State Auditor
Office of the State Treasurer
Puget Sound Partnership
Rainier School
Recreation \& Conservation Office
Senate
Soldiers Home of WA State
Special Commitment Ctr.
State Board for Community \&
Technical Colleges
State Board of Accountancy
State of WA Caseload Forecast Council
Statute Law Committee
Superintendent of Public Instruction
Supreme Court
Transportation Improvement Board
Veterans Home - Spokane

WA Pollution Liability Insurance
Agency
WA State Bar Assn.
WA State Ferries
WA State Health Care Auth.
WA State Historical Society
WA State Investment Board
WA State Patrol
WA State School Directors' Assn.
WA State School for the Blind
WA Veterans' Home
Western State Hospital
Workforce Training \& Education
Coordinating Board
Yakima Valley School

## State Commissions

African American Affairs
Apple
Arts
Asian American Affairs
Beef
Columbia River Gorge
Conservation
Criminal Justice Training
Dairy Products
Fruit
Gambling
Grain
Hispanic Affairs
Hop
Horse Racing
Housing Finance
Human Rights
Judicial Conduct
Lottery
Parks \& Recreation
Potato
Public Disclosure
Public Employment Relations
Puget Sound Pilotage
Redistricting
Salaries for Elected Officials
Traffic Safety
Tree Fruit Research
Utilities \& Transportation
Wine

## Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 2 of 10)

| School Districts | Coupeville | Hood Canal |
| :--- | :--- | :--- |
| Aberdeen | Crescent | Hoquiam |
| Adna | Creston | Inchelium |
| Almira | Curlew | Index |
| Anacortes | Cusick | Issaquah |
| Arlington | Damman | Kahlotus |
| Asotin Anatone | Darrington | Kalama |
| Auburn | Davenport | Keller |
| Bainbridge Island | Dayton | Kelso |
| Battle Ground | Deer Park | Kennewick |
| Bellevue | Dieringer | Kent |
| Bellingham | Dixie | Kettle Falls |
| Benge | East Valley (Spokane Co.) | Kiona-Benton City |
| Bethel | East Valley (Yakima Co.) | Kittitas |
| Bickelton | Eastmont | Klickitat |
| Blaine | Easton | La Center |
| Boistfort | Eatonville | La Conner |
| Bremerton | Edmonds | LaCrosse |
| Brewster | Ellensburg | Lake Chelan |
| Bridgeport | Elma | Lake Stevens |
| Brinnon | Endicott | Lake Washington |
| Burlington-Edison | Entiat | Lakewood |
| Camas | Enumclaw | Lamont |
| Cape Flattery | Ephrata | Liberty |
| Carbonado Historical | Evaline | Lind |
| Cascade | Everett | Longview |
| Cashmere | Evergreen (Clark Co.) | Loon Lake |
| Castle Rock | Evergreen (Stevens Co.) | Lopez |
| Centerville | Federal Way | Lyle |
| Central Kitsap | Ferndale | Lynden |
| Central Valley | Fife | Mabton |
| Centralia | Finley | Mansfield |
| Chehalis | Franklin Pierce | Manson |
| Cheney | Freeman | Mary M. Knight |
| Chewelah | Garfield | Mary Walker |
| Chimacum | Glenwood | Marysville |
| Clarkston | Goldendale | MaCleary |
| Cle Elum-Roslyn | Grand Coulee Dam | Mead |
| Clover Park | Grandview | Medical Lake |
| Colfax | Granger | Mercer Island |
| College Place | Granite Falls | Meridian |
| Colton | Grapeview | Methow Valley |
| Columbia (Stevens Co.) | Great Northern | Mill A |
| Columbia (Walla Walla Co.) | Green Mountain | Monroe |
| Colville | Griffin | Montesano |
| Concrete | Harrington | Morton |
| Conway | Highland | Moses Lake |
| Cosmopolis | Highline | Mossyrock |
| Coulee Hartline | Hockinson | Mount Adams |
|  |  |  |

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 3 of 10) 

| School Districts (continued) | Prescott | Steilacoom Historical |
| :--- | :--- | :--- |
| Mount Baker | Prosser | Steptoe |
| Mount Pleasant | Pullman | Stevenson-Carson |
| Mount Vernon | Puyallup | Sultan |
| Mukilteo | Queets-Clearwater | Summit |
| Naches Valley | Quilcene | Sumner |
| Napavine | Quillayute | Sunnyside |
| Naselle-Grays River Valley | Quinault Lake | Tacoma |
| Nespelem | Quincy | Taholah |
| Newport | Rainier | Tahoma |
| Nine Mile Falls | Raymond | Tekoa |
| Nooksack Valley | Reardan-Edwall | Tenino |
| North Beach | Renton | Thorp |
| North Franklin | Republic | Toledo |
| North Kitsap | Richland | Tonasket |
| North Mason | Ridgefield | Toppenish |
| North River | Ritzville | Touchet |
| North Thurston | Riverside | Toutle Lake |
| Northport | Riverview | Trout Lake |
| Northshore | Rochester | Tukwila |
| Oak Harbor | Roosevelt | Tumwater |
| Oakesdale | Rosalia | Union Gap |
| Oakville | Royal | University Place |
| Ocean Beach | Saint John | Valley |
| Ocosta | San Juan Island | Vancouver |
| Odessa | Satsop | Vashon Island |
| Okanogan | Seatlle | Warkiakum |
| Olympia | Sedro Woolley | Wahluke |
| Omak | Selah | Waitsburg |
| Onalaska | Selkirk | Walla Walla |
| Onion Creek | Sequim | Wapato |
| Orcas Island | Shaw Island | Warden Jr. Consolidated |
| Orchard Prairie | Shelton | Washougal |
| Orient | Shoreline | Washtucna |
| Orondo | Skamania | Waterville |
| Oroville | Skykomish | Wellpinit |
| Orting | Snohomish | Wenatchee |
| Othello | Snoqualimie Valley | West Valley (Spokane Co.) |
| Palisades | Soap Lake | Wstt Vallly (Yakima Co.) |
| Palouse | South Bend | White Pass |
| Pasco | South Kitsap | White River |
| Pateros | South Whidbey | White Salmon |
| Paterson | Southside | Wilbur |
| Pe Ell | Spokane Public Schools | Willapa Valley |
| Peninsula | Sprague | Wilson Creek |
| Pioneer | Stanwood-Camano | Winlock |
| Pomeroy | Star | Wishkah Valley |
| Port Angeles | Starbuck | Wishram |
| Port Townsend | Stehekin | Woodland |
|  |  |  |

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 4 of 10) 

| School Districts (continued) | Whatcom Community College | Clarkston |
| :---: | :---: | :---: |
| Yakima | Yakima Valley College | Cle Elum |
| Yelm |  | Clyde Hill |
| Zillah | Universities | Colfax |
| Educational Service Districts | Central Washington University Eastern Washington University | College Place Colton (Town of) |
|  | Evergreen State College | Colville |
| E.S.D. 105 | University of Washington | Conconully (Town of) |
| E.S.D. 113 | Washington State University | Concrete (Town of) |
| E.S.D. 123 | Western Washington University | Connell Cosmopolis |
| E.S.D. Northwest | Cities \& Towns | Coulee City (Town of) |
| Northeast E.S.D. 101 | Aberdeen | Coulee Dam (Town of) |
| Olympic E.S.D. | Airway Heights | Creston (Town of) |
| Puget Sound E.S.D. | Algona | Cusick (Town of) |
|  | Anacortes | Darrington (Town of) |
| Community Colleges, | Arlington | Davenport |
| Technical Colleges | Asotin | Dayton |
| Bates Technical College | Auburn | Deer Park |
| Bellevue Community College | Bainbridge island | Des Moines |
| Bellingham Technical College | Battle Ground | Dupont |
| Big Bend Community College | Beaux Arts Village | Duvall |
| Cascadia Community College | Bellingham | East Wenatchee |
| Centralia College | Bellingham <br> Benton City | Eatonville (Town of) |
| Clark Community College | Bingen | Edgewood <br> Edmonds |
| Clover Park Technical College Columbia Basin Community College | Black Diamond | Electric City (Town of) |
| Edmonds Community College | Blaine | Ellensburg |
| Everett Community College | Bonney Lake | Elma |
| Grays Harbor College | Bothell | Elmer City (Town of) |
| Green River Community College | Bremerton | Entiat |
| Highline Community College | Bridgeport (Town of) | Enumclaw |
| Lake Washington Technical College | Bridgeport (lown of) Brier | Ephrata |
| Lower Columbia Community College | Buckley | Everett |
| Olympic College | Burien | Everson |
| Peninsula College | Burien | Federal Way |
| Pierce College | Camas | Ferndale |
| Renton Technical College |  | Fife |
| Seattle Community College | Carbonado (lown of) | Fircrest |
| Shoreline Community College | Cashmere | Forks |
| Skagit Valley College | Cashmere | Friday Harbor (Town of) |
| South Puget Sound Community | Castle Rock | Garfield (Town of) |
| College | Cathlamet (lown of) | George |
| Spokane Community College | Centralia | Gig Harbor |
| Tacoma Community College |  | Gold Bar |
| Walla Walla Community College | Cheney | Goldendale |
| Wenatchee Valley College | Chewelah | Grand Coulee Grandview |

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 5 of 10) 

Cities \& Towns (continued)
Granger (Town of)
Granite Falls (Town of)
Harrington (Town of)
Hoquiam
Hunts Point (Town of)
llwaco
Issaquah
Kalama
Kelso
Kenmore
Kennewick
Kent
Kettle Falls
Kirkland
Kittitas
La Center
La Conner (Town of)
Lacey
Lake Forest Park
Lake Stevens
Lakewood
Langley
Leavenworth
Liberty Lake
Lind (Town of)
Long Beach
Longview
Lynden
Lynnwood
Mabton
Mansfield (Town of)
Maple Valley
Marysville
Mattawa (Town of)
McCleary
Medical Lake
Medina
Mercer Island
Metaline Falls (Town of)
Mill Creek
Millwood (Town of)
Milton
Monroe
Montesano
Morton
Moses Lake
Mossyrock
Mount Vernon

| Mountlake Terrace | Royal City |
| :--- | :--- |
| Moxee | Ruston (Town of) |
| Mukilteo | Sammamish |
| Naches (Town of) | Seatac |
| Napavine | Seattle |
| Newcastle | Sedro Woolley |
| Newport | Selah |
| Nooksack | Sequim |
| Normandy Park | Shelton |
| North Bend | Shoreline |
| North Bonneville | Skykomish (Town of) |
| Oak Harbor | Snohomish |
| Oakesdale (Town of) | Snoqualmie |
| Oakville | Soap Lake |
| Ocean Shores | South Bend |
| Odessa (Town of) | South Cle Elum (Town of) |
| Okanogan | Spangle (Town of) |
| Olympia | Spokane |
| Omak | Spokane Valley |
| Oroville | Sprague |
| Orting | Springdale (Town of) |
| Othello | Stanwood |
| Pacific | Steilacoom (Town of) |
| Palouse | Stevenson |
| Pasco | Sultan |
| Pateros | Sumas |
| Pe Ell | Sumner |
| Port Angeles | Sunnyside |
| Port Orchard | Tacoma |
| Port Townsend | Tekoa |
| Poulsbo | Tenino |
| Prosser | Tieton |
| Pullman | Toledo |
| Puyallup | Tonasket |
| Quincy | Toppenish |
| Rainier | Tukwila |
| Raymond | Tumwater |
| Reardan (Town of) | Twisp (Town of) |
| Redmond | Union Gap |
| Renton | Uniontown (Town of) |
| Republic | University Place |
| Richland | Vancouver |
| Ridgefield | Waitsburg |
| Ritzville | Walla Walla |
| Riverside | Wapato |
| Rock Island | Warden |
| Rosalia (Town of) | Washougal |
| Roslyn | Washtucna (Town of) |
| Roy | Waterville (Town of) |
|  |  |

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 6 of 10) 

Cities \& Towns (continued)
Wenatchee
West Richland
Westport
White Salmon (Town of)
Wilbur (Town of)
Winlock
Winthrop (Town of)
Woodinville
Woodland
Woodway (Town of)
Yacolt (Town of)
Yakima
Yarrow Point (Town of)
Yelm
Zillah

Counties
Adams
Asotin
Benton
Chelan
Clallam
Clark
Columbia
Cowlitz
Douglas
Ferry
Franklin
Garfield
Grant
Grays Harbor
Island
Jefferson
King
Kitsap
Kititatas
Klickitat
Lewis
Lincoln
Mason
Okanogan
Pacific
Pend Oreille
Pierce
San Juan
Skagit

Skamania
Snohomish
Spokane
Stevens
Thurston
Wahkiakum
Walla Walla
Whatcom
Whitman
Yakima
Air Quality Authorities
Benton Clean Air Auth.
NW Clean Air Auth.
Olympic Region Clean Air Agency
Puget Sound Clean Air Agency
Spokane Regional Clean Air Auth.
SW Clean Air Agency
Yakima Regional Clean Air Auth.
Area Agencies on Aging
Aging \& Adult Care of Central WA
Aging \& Long-Term Care of Eastern
WA
Olympic Area Agency on Aging

## Conservation Districts

Cascadia
Clallam
Columbia
Cowlitz
King
Kittitas
Okanogan
Pacific
Pend Oreille
Snohomish
Spokane Co.
Stevens Co.
Thurston
Wahkiakum

## Fire Protection Districts

Adams Co. FPD 5
Asotin Co. FPD 1
Bainbridge Island Fire Dept.
Benton Co. FPDs 1, 2, 4 \& 6

Central Kitsap Fire \& Rescue
Central Whidbey Island Fire \&
Rescue
Chelan Co. FPDs 1, 3, 5, 6, 7 \& 9
Clallam Co. FPDs 2, 3 \& 5
Clark Co. Fire and Rescue
Clark Co. FPDs 3, 5, 6, 10, \& 13
Columbia Co. FPD 3
Cowlitz Co. FPDs 1-3, 5 \& 6
Cowlitz-Skamania Co. FPD 7
Douglas Co. FPD 2
Douglas-Okanogan Co. FPD 15
East County Fire \& Rescue
Franklin Co. FPD 3
Garfield Co. FPD 1
Grant Co. FPDs 3, 5, 8 \& 10
Grays Harbor Co. FPDs 2 \& 5
Island Co. FPDs 1 \& 3
Jefferson Co. FPDs $1,3 \& 4$
Kent Fire Dept. Regional Fire Auth.
King Co. FPDs 2, 10, 16, 20, 27,
$28,34,40,43-45$ \& 50
Kitsap Co. FPD 18
Kittitas Co. FPD 1 \& 2
Klickitat Co. FPD 3 \& 7
Lake Stevens Fire
Lewis Co. FPDs 2, 3, 5, 6, 10, 14
\& 15
Marysville Fire Dist. 12
Mason Co. FPDs 2-6, \& 13
North County Regional Fire Auth.
North Highline Fire Dist.
North Kitsap Fire \& Rescue
North Whidbey Fire \& Rescue
Okanogan Co. FPD 6
Pacific Co. FPD 1
Pend Oreille FPDs 2 \& 4
Pierce Co. FPDs 3, 5, 6, 10, 13, 14, 16-18, 21-23 \& 27
Prosser FPD 3
Riverside Fire Auth.
San Juan Co. FPDs 2-5
Shoreline Fire Dept.
Skagit Co. FPDs 2, 6 \& 8
Snohomish Co. FPDs 1, 3-5, 7, 15, $17,19,22,26$ \& 28
South East Thurston Fire Auth.
South King Fire \& Rescue

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 7 of 10) 

Fire Protection Districts
(continued)
South Kitsap Fire \& Rescue
South Pend Oreille Fire \& Rescue
South Whatcom Fire Auth.
Snoqualmie Pass Fire \& Rescue
Spokane Co., FPDs 3, 4, 8-10 \& 13
Spokane Valley Fire Dept.
Stevens Co. FPD 1
Thurston Co. FPDs 3, 5-9, 12, 13 \& 17
Valley Regional Fire Auth.
Vashon Island Fire \& Rescue
Walla Walla Co. FPDs 4 \& 5
West Thurston Regional Fire Auth.
Whatcom Co. FPDs 1, 7, 8, 14, 17 \& 21
Woodinville Fire and Rescue
Yakima Co. FPDs 4, 5, \& 12
Public Health
Asotin Co. Health Dist.
Benton-Franklin Health Dist.
Chelan-Douglas Health Dist.
Garfield Co. Health Dist.
Grant Co. Health Dist.
Greater Columbia Behavioral Health
Kitsap Co. Health Dist.
Kittitas Co. Public Hospital
Dist. 2
North Central WA Regional Support Nełwork
North Sound Regional Support
Network
Snohomish Health Dist.
Spokane Regional Health Dist.
Timberlands Regional Support
Network
Yakima Co. Health Dist.
Emergency Service \&
Communication Districts
Emergency Services Coordinating Agency
Franklin Co. Emergency Mgmt. Grays Harbor Communications Island Co. Emergency Services Communication Ctr.

KITTCOM
Mason Co. Emergency
Communications
Multi Agency Communications Ctr.
NE King County Public Safety
Communication Agency
North Country Emergency Medical
Service
RIVERCOM
San Juan Is. Emergency Medical
Services
Skagit 911 (SECOM)
Skagit Co. EMS Commission
Snocom Medic-7
Snohomish Co. Emergency Radio
System
South Beach Ambulance Service
Thurston 911 Communications
Valley Communication Ctr.

## Housing Authorities

Anacortes
Asotin Co.
Bellingham
Bremerton
Everett
Grant Co.
Grays Harbor Co.
Island Co.
Joint Republic Ferry Co.
Kelso
Kennewick
King Co.
Kitsap Co. Consolidated
Kittitas Co.
Longview
Othello
Pasco/Franklin Co.
Peninsula
Pierce Co.
Renton
Seattle
Skagit Co.
Snohomish Co.
Spokane
Tacoma
Thurston Co.
Vancouver
Walla Walla

Walla Walla Co.

## Insurance Authorities

Enduris Washington
Transit Insurance Pool of WA
WA Cities Insurance Auth.
WA Counties Insurance Fund WA Counties Risk Pool
Water \& Sewer Insurance Pool
Irrigation, Sewer \& Water Districts
Agnew Irrigation Dist. Ahtanum Irrigation Dist.
Alderwood Water Dist.
Beacon Hill Water \& Sewer Dist.
Belfair Water Dist.
Benton Irrigation Dist.
Birch Bay Water \& Sewer Dist.
Brewster Flat Irrigation Dist.
Cascade Irrigation Dist.
Cedar River Water \& Sewer Dist.
Chinook Water Dist.
Clark Regional Wastewater Dist.
Clinton Water Dist.
Coal Creek Utility Dist.
Coalition for Clean Water
Columbia Irrigation Dist.
Columbia Valley Water Dist.
Consolidated Diking Improvement
Dist. 1 \& 2
Consolidated Irrigation Dist. 19
Covington Water Dist.
Cross Valley Water Dist.
Dallesport Water Dist.
Diamond Lake Water \& Sewer Dist.
Douglas Co. Sewer Dist. 1
East Columbia Basin Irrigation Dist.
East Spokane Water Dist. 1
East Wenatchee Water Dist.
Eastsound Sewer \& Water Dist.
Fall City Water Dist.
Franklin Co. Irrigation Dist. 1
Gardena Farms Dist. 13
Glacier Water Dist.
Grays Harbor Co. Water Dist. 1
Greater Wenatchee Irrigation Dist.
Highland Irrigation Dist.

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 8 of 10) 

## Irrigation, Sewer \& Water Districts (continued)

Highline Water Dist. Holmes Harbor Sewer Dist. Icicle Irrigation Dist. Irvin Water Dist. 6
Kennewick Irrigation Dist.
King Co. Water Dist. 19, 20, 45,
$49,54,90,111,119$ \& 125
Kiona Irrigation Dist.
Kittitas Reclamation Dist.
Lake Chelan Reclamation Dist.
Lake Forest Park Water Dist.
Lake Stevens Sewer Dist.
Lake Whatcom Water \& Sewer Dist.
Lakehaven Sewer Dist.
Lakehaven Utility Dist.
Lakewood Water Dist.
Loon Lake Sewer Dist. 4
LOTT Clean Water Alliance
Malaga Water Dist.
Manchester Water Dist. Midway Sewer Dist.
Moab Irrigation Dist. 20
Model Irrigation Dist. 18
Moses Lake Irrigation \&
Rehabilitation Dist.
Mukilteo Water \& Wastewater Dist.
Naches Selah Irrigation Dist.
NE Sammamish Sewer \& Water Dist.
North Beach Water Dist.
North Perry Ave. Water Dist.
North Spokane Irrigation Dist. 8
Northshore Utility Dist.
Okanogan Irrigation Dist.
Olympic View Water Dist.
Orchard Ave. Irrigation Dist.
Oroville-Tonasket Irrigation Dist.
Pasadena Park Irrigation Dist. 17
Point Roberts Water Dist. 4
Quincy Columbia Basin Irrigation Dist.
Ronald Wastewater Dist.
Roza Irrigation Dist.
Samish Water Dist.

Sammamish Plateau Water \& Sewer Dist.
Selah-Moxee Irrigation Dist.
Shoreline Water Dist.
Silverdale Water Dist. 16
Silverlake Water Dist.
Skyway Water \& Sewer Dist.
Snoqualmie Pass Utility Dist.
Soos Creek Water \& Sewer Dist.
South Columbia Basin Irrigation Dist.
South King Co. Regional Water
Assn.
Spokane Co. Water Dist. 3
Stemilt Irrigation Dist.
Stevens Pass Sewer Dist.
Sunland Water Dist.
Sunnyside Valley Irrigation Dist.
SW Suburban Sewer Dist.
Terrace Heights Sewer Dist.
Three Rivers Reg. Wastewater Plant
Trentwood Irrigation Dist. 3
Valley View Sewer Dist.
Valley Water Dist.
Vera Irrigation Dist. 15
Walla Walla Watershed
Management
Wenatchee Reclamation Dist.
Whitestone Reclamation Dist.
Whitworth Water Dist. 2
Willapa Valley Water Dist.
Woodinville Water Dist.
Yakima-Tieton Irrigation Dist.
Weed Control Districts
Ferry Co. Weed Board
Grant Co. Noxious Weed Board
Grant Co. Weed Dist. 1 \& 3
Pierce Co. Noxious Weed Board
Spokane Co. Noxious Weed Control
Board
Mosquito Districts
Adams Co. Mosquito Dist.
Benton Co. Mosquito Control Dist.
Columbia Mosquito Control Dist.

Franklin Co. Mosquito Control Dist.
Yakima Co. Mosquito Control
Libraries, Library Districts
Columbia County Rural Library Dist.
Fort Vancouver Regional Library
Jefferson Co. Rural Library Dist.
King Co. Law Library
King Co. Rural Library Dist.
Kitsap Regional Library
La Conner Regional Library
Lopez Island Library Dist.
Mid-Columbia Regional Library
North Central Regional Library
North Olympic Library System
Orcas Island Library Dist.
Pend Oreille Library
Pierce Co. Law Library
Pierce Co. Rural Library Dist.
San Juan Island Co. Library
Sno-Isle Regional Library
Spokane Co. Law Library
Spokane Co. Library Dist.
Stevens Co. Rural Library
Timberland Regional Library
Upper Skagit Library Dist.
Walla Walla Co. Rural Library
Whatcom Co. Public Library
Whitman Co. Rural Library
Yakima Valley Regional Library

## Ports

Allyn
Anacortes
Bellingham
Benton
Bremerton
Brownsville
Camas-Washougal
Centralia
Chelan Co.
Clarkston
Columbia
Douglas Co.
Edmonds

## Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 9 of 10)

## Ports (continued)

Everett
Friday Harbor
Grant Co. 1, 8 \& 9
Grays Harbor
Ilwaco
Kalama
Kennewick
Kingston
Klickitat
Longview
Mattawa
Moses Lake
Olympia
Orcas
Othello
Pasco
Peninsula
Port Angeles
Port Townsend
Ridgefield
Royal Slope
Seattle
Shelton
Skagit Co.
Skamania Co.
Sunnyside
Tacoma
Vancouver
Wahkiakum Co. 1
Walla Walla
Whitman Co.
Willapa Harbor
Woodland

## Public Utility Districts

Asotin Co. PUD 1
Benton Co. PUD 1
Chelan Co. PUD 1
Clallam Co. PUD 1
Clark Co. PUD
Cowlitz Co. PUD
Douglas Co. PUD 1
Energy Northwest
Ferry Co. PUD 1

Franklin Co. Public Works 1
Franklin Co. PUD 1
Grand Coulee Project Hydroelectric
Auth.
Grant Co. Public Works
Grant Co. PUD 2
Grays Harbor Co. PUD 1
Jefferson Co. PUD 1
Kitsap Co. PUD 1
Kittitas Co. PUD 1
Klickitat Co. PUD 1
Lewis Co. PUD 1
Mason Co. PUDs 1 \& 3
Okanogan Co. PUD 1
Pacific Co. PUD 2
Pend Oreille Co. PUD 1
Skagit Co. PUD 1
Skamania Co. PUD 1
Snohomish Co. PUD 1
Stevens Co. PUD
Thurston Co. PUD 1
Wahkiakum Co. PUD 1
West Sound Utility Dist.
Transit Authorities,
Transportation Districts
Ben Franklin Transit
Central Puget Sound Transit Auth.
Chelan-Douglas P.T.B.A.
Clallam Transit System
Clark Co. P.T.B.A.
Columbia County Public
Transportation
Grant Transit Auth.
Grays Harbor Transportation Auth. Intercity Transit
Island Transit
Jefferson Transit Auth.
King County Metro
Kitsap Transit
Lewis P.T.B.A.
Mason Co. Transportation Auth.
Pacific Transit System
Pierce Co. P.T.B.A.
Snohomish Co. P.T.B.A.

Spokane Regional Transportation Council
Spokane Transit Auth.
Valley Transit
Whatcom Transportation Auth.

## Associations, Unions

Inlandboatmens' Union of the Pacific
King County Assn. of Suburban
Cities
King County Directors Assn.
Public School Employees of WA
WA Assn. of County Officials
WA Federation of State Employees
WA State Council of County-City
Employees

## Airports, Airport Boards

Centralia-Chehalis Airport Board
Snohomish Co. Airport
Spokane International Airport
Walla Walla Regional Airport
Yakima Air Terminal

## Councils

Cowlitz-Wahkiakum Council of Governments
Grays Harbor Council of Governments
Lewis, Mason, Thurston Council of Governments
Northwest Regional Council
Pacific Council of Governments
Pacific Mountain Workforce Development Council
Puget Sound Regional Council Skagit Council of Governments South Central Workforce Council SW WA Council Government on Aging and Disability
Thurston Regional Planning Council
Wenatchee Valley Transportation
Council
Whatcom Council of Governments

# Employers Covered by DRS-Administered Retirement Systems As of June 30, 2012 (page 10 of 10) 

## Parks \& Recreation Districts

Bainbridge Island Metro Parks \& Recreation Dist.
Eastmont Metropolitan Park Dist. Fidalgo Pool \& Fitness Ctr. Key Peninsula Metro Park Dist. Manson Parks \& Recreation Dist. Metropolitan Park Dist. of Tacoma Peninsula Metropolitan Park Dist. San Juan Island Park \& Recreation Dist.
Si View Metropolitan Park Dist.
South Whidbey Parks \& Recreation Dist.

Development Authorities/
Districts
Bellingham Public Development Auth. Cultural Development Auth. of King Co.
Grays Harbor Public Development Auth.
Tricounty Economic Development Dist.
Walla Walla Joint Community Development Auth.

## Cemetery Districts

Cowlitz Co. Cemetery Dist. 1, 2 \& 5
Pend Oreille Cemetery Dist. 1
Skagit Co. Cemetery Dist. 2

## Road Departments

Chelan Co. Roads
Lincoln Co. Highway Dept.
Public Facility Districts
Edmonds Public Facilities Dist.
Lynnwood Public Facilities
Public Stadium Authority
Spokane Public Facility Dist.
Other Government Entities
Pierce Co. Law Enforcement Support Agency
Snohomish Co. Police Staff Auxiliary
South Correctional Entity
Tacoma-Pierce Co. Employment \&
Training Consortium
WA School Information Processing
Cooperative

# Schedule of Benefit Recipients by Type of Benefit: PERS Plan 1 

For the Twelve Months Ended June 30, 2011

|  |  | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monthly Benefit Amount | Number Retirees | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} \underset{(100 \%)}{2} \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100** | 202 | 176 | 15 | 4 | 7 | 164 | 32 | 4 | 2 |
| 101-200 | 387 | 277 | - | 34 | 76 | 269 | 80 | 36 | 2 |
| 201-300 | 1,327 | 976 | 2 | 87 | 262 | 926 | 269 | 122 | 10 |
| 301-400 | 1,622 | 1,153 | 18 | 109 | 342 | 1,086 | 367 | 162 | 7 |
| 401-500 | 1,704 | 1,203 | 2 | 86 | 413 | 1,109 | 383 | 203 | 9 |
| 501-600 | 1,892 | 1,339 | 1 | 117 | 435 | 1,236 | 386 | 252 | 18 |
| 601-700 | 2,017 | 1,487 | - | 97 | 433 | 1,334 | 383 | 275 | 25 |
| 701-800 | 2,025 | 1,447 | 1 | 86 | 491 | 1,293 | 410 | 299 | 23 |
| 801-900 | 1,989 | 1,440 | 1 | 102 | 446 | 1,257 | 391 | 315 | 26 |
| 901-1,000 | 1,943 | 1,433 | 2 | 93 | 415 | 1,254 | 374 | 291 | 24 |
| Over 1,000 | 38,156 | 35,075 | 3 | 458 | 2,620 | 25,082 | 6,293 | 5,148 | 1,633 |
| Totals | $\underline{\text { 53,264 }}$ | $\underline{\underline{46,006}}$ | 45 | $\underline{\underline{1,273}}$ | $\underline{\underline{5,940}}$ | $\underline{\underline{35,010}}$ | $\underline{\underline{9,368}}$ | $\underline{\underline{7,107}}$ | $\underline{\underline{1,779}}$ |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.
**Includes L\&I holdoffs.

## Schedule of Benefit Recipients by Type of Benefit: PERS Plan 2

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | Number of Retirees | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty <br> Disability | Nonduty Disabiity | Survivor <br> Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} 2 \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100 | 405 | 225 | - | 133 | 47 | 255 | 126 | 16 | 8 |
| 101-200 | 1,398 | 884 | - | 344 | 170 | 959 | 361 | 57 | 21 |
| 201-300 | 1,693 | 1,228 | - | 261 | 204 | 1,143 | 408 | 111 | 31 |
| 301-400 | 1,709 | 1,268 | - | 222 | 219 | 1,141 | 430 | 99 | 39 |
| 401-500 | 1,662 | 1,281 | - | 186 | 195 | 1,093 | 407 | 113 | 49 |
| 501-600 | 1,552 | 1,228 | - | 154 | 170 | 966 | 420 | 112 | 54 |
| 601-700 | 1,473 | 1,239 | - | 101 | 133 | 957 | 380 | 98 | 38 |
| 701-800 | 1,483 | 1,269 | - | 93 | 121 | 983 | 333 | 104 | 63 |
| 801-900 | 1,367 | 1,208 | - | 73 | 86 | 918 | 298 | 96 | 55 |
| 901-1,000 | 1,320 | 1,188 | - | 59 | 73 | 872 | 273 | 118 | 57 |
| Over 1,000 | 10,649 | 10,238 | - | 115 | 296 | 7,131 | 1,636 | 1,303 | 579 |
| Totals | 24,711 | 21,256 | - | 1,741 | 1,714 | 16,418 | 5,072 | 2,227 | 994 |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.

# Schedule of Benefit Recipients by Type of Benefit: PERS Plan 3 

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | $\begin{array}{r} \text { Number } \\ \text { of } \\ \text { Retirees } \end{array}$ | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty <br> Disability | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} 2 \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100 | 20 | 9 | - | 7 | 4 | 9 | 10 | 1 | - |
| 101-200 | 122 | 77 | - | 23 | 22 | 71 | 45 | 5 | 1 |
| 201-300 | 215 | 182 | - | 14 | 19 | 143 | 49 | 15 | 8 |
| 301-400 | 195 | 172 | - | 9 | 14 | 120 | 49 | 17 | 9 |
| 401-500 | 194 | 175 | - | 7 | 12 | 133 | 38 | 17 | 6 |
| 501-600 | 120 | 110 | - | 6 | 4 | 80 | 25 | 11 | 4 |
| 601-700 | 113 | 108 | - | 2 | 3 | 82 | 14 | 11 | 6 |
| 701-800 | 70 | 66 | - | - | 4 | 45 | 13 | 9 | 3 |
| 801-900 | 66 | 65 | - | - | 1 | 44 | 15 | 5 | 2 |
| 901-1,000 | 46 | 43 | - | - | 3 | 26 | 11 | 3 | 6 |
| Over 1,000 | 227 | 226 | - | - | 1 | 150 | 31 | 31 | 15 |
| Totals | 1,388 | 1,233 | - | 68 | 87 | 903 | 300 | 125 | 60 |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.

## Schedule of Benefit Recipients by Type of Benefit: SERS Plan 2

For the Twelve Months Ended June 30, 2011

|  | Number of Retirees | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} 2 \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100 | 49 | 16 | - | 25 | 8 | 23 | 22 | 3 | 1 |
| 101-200 | 334 | 248 | - | 61 | 25 | 229 | 84 | 12 | 9 |
| 201-300 | 425 | 358 | - | 37 | 30 | 306 | 91 | 17 | 11 |
| 301-400 | 460 | 397 | - | 37 | 26 | 327 | 97 | 24 | 12 |
| 401-500 | 401 | 361 | - | 22 | 18 | 298 | 68 | 24 | 11 |
| 501-600 | 385 | 355 | - | 18 | 12 | 275 | 76 | 22 | 12 |
| 601-700 | 310 | 287 | - | 10 | 13 | 230 | 50 | 23 | 7 |
| 701-800 | 230 | 223 | - | 4 | 3 | 174 | 37 | 15 | 4 |
| 801-900 | 229 | 226 | - | 1 | 2 | 177 | 26 | 22 | 4 |
| 901-1,000 | 188 | 182 | - | 1 | 5 | 142 | 26 | 16 | 4 |
| Over 1,000 | 812 | 792 | - | 4 | 16 | 600 | 98 | 81 | 33 |
| Totals | 3,823 | 3,445 | - | 220 | 158 | 2,781 | 675 | 259 | 108 |

[^8]
# Schedule of Benefit Recipients by Type of Benefit: SERS Plan 3 

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | Number Retirees | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\underset{(100 \%)}{2}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100 | 110 | 89 | - | 14 | 7 | 72 | 29 | 6 | 3 |
| 101-200 | 583 | 522 | - | 23 | 38 | 409 | 140 | 26 | 8 |
| 201-300 | 623 | 582 | - | 14 | 27 | 451 | 123 | 31 | 18 |
| 301-400 | 449 | 428 | - | 10 | 11 | 361 | 67 | 14 | 7 |
| 401-500 | 272 | 265 | - | 1 | 6 | 194 | 45 | 23 | 10 |
| 501-600 | 163 | 161 | - | 1 | 1 | 118 | 26 | 12 | 7 |
| 601-700 | 127 | 125 | - | 1 | 1 | 95 | 9 | 16 | 7 |
| 701-800 | 95 | 91 | - | 4 | - | 69 | 12 | 9 | 5 |
| 801-900 | 56 | 56 | - | - | - | 41 | 6 | 5 | 4 |
| 901-1,000 | 38 | 37 | - | - | 1 | 29 | 3 | 4 | 2 |
| Over 1,000 | 89 | 89 | - | - | - | 62 | 8 | 14 | 5 |
| Totals | 2,605 | 2,445 | - | 68 | 92 | 1,901 | 468 | 160 | 76 |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.

## Schedule of Benefit Recipients by Type of Benefit: PSERS Plan 2

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | Number Retirees | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} 2 \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \\ \hline \end{gathered}$ |
| \$0-100 | 5 | 2 | - | 2 | 1 | 3 | 2 | - | - |
| 101-200 | 4 | 3 | - | - | 1 | 2 | 1 | - | 1 |
| 201-300 | 2 | 1 | - | 1 | - | 2 | - | - | - |
| 301-400 | 2 | 2 | - | - | - | 2 | - | - | - |
| 401-500 | 1 | 1 | - | - | - | - | - | - | 1 |
| 501-600 | - | - | - | - | - | - | - | - | - |
| 601-700 | - | - | - | - | - | - | - | - | - |
| 701-800 | - | - | - | - | - | - | - | - | - |
| 801-900 | 1 | 1 | - | - | - | 1 | - | - | - |
| 901-1,000 | - | - | - | - | - | - | - | - | - |
| Over 1,000 | - | - | - | - | - | - | - | - | - |
| Totals | 15 | 10 | - | 3 | 2 | 10 | 3 | - | 2 |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.

## Schedule of Benefit Recipients by Type of Benefit: TRS Plan 1

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | Number of Retirees | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} 2 \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100 | 46 | 45 | - | - | 1 | 39 | 6 | 1 | - |
| 101-200 | 165 | 154 | - | 1 | 10 | 105 | 42 | 15 | 3 |
| 201-300 | 502 | 434 | - | 16 | 52 | 371 | 101 | 27 | 3 |
| 301-400 | 492 | 409 | - | 16 | 67 | 329 | 125 | 33 | 5 |
| 401-500 | 497 | 388 | - | 25 | 84 | 325 | 118 | 47 | 7 |
| 501-600 | 505 | 369 | - | 34 | 102 | 318 | 127 | 54 | 6 |
| 601-700 | 504 | 340 | - | 27 | 137 | 290 | 120 | 89 | 5 |
| 701-800 | 624 | 450 | - | 31 | 143 | 382 | 115 | 118 | 9 |
| 801-900 | 684 | 422 | - | 36 | 226 | 350 | 160 | 164 | 10 |
| 901-1,000 | 720 | 457 | - | 27 | 236 | 346 | 157 | 212 | 5 |
| Over 1,000 | 31,379 | 29,266 | - | 450 | 1,663 | 20,098 | 6,037 | 3,979 | 1,265 |
| Totals | 36,118 | 32,734 | - | 663 | 2,721 | 22,953 | 7,108 | 4,739 | 1,318 |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.

## Schedule of Benefit Recipients by Type of Benefit: TRS Plan 2

For the Twelve Months Ended June 30, 2011

|  | Retirement Type |  |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monthly Benefit Amount | Number of Retirees | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | 1 <br> (Life) | $\begin{gathered} 2 \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100 | 33 | 27 | - | 3 | 3 | 23 | 9 | 1 | - |
| 101-200 | 40 | 29 | - | 8 | 3 | 27 | 11 | 1 | 1 |
| 201-300 | 66 | 55 | - | 8 | 3 | 51 | 12 | 3 | - |
| 301-400 | 97 | 75 | - | 10 | 12 | 68 | 23 | 5 | 1 |
| 401-500 | 109 | 92 | - | 7 | 10 | 73 | 27 | 6 | 3 |
| 501-600 | 115 | 99 | - | 5 | 11 | 76 | 23 | 8 | 8 |
| 601-700 | 115 | 94 | - | 7 | 14 | 76 | 31 | 5 | 3 |
| 701-800 | 123 | 106 | - | 7 | 10 | 72 | 34 | 13 | 4 |
| 801-900 | 128 | 100 | - | 12 | 16 | 76 | 38 | 11 | 3 |
| 901-1,000 | 104 | 91 | - | 6 | 7 | 74 | 22 | 4 | 4 |
| Over 1,000 | 1,727 | 1,683 | - | 13 | 31 | 1,222 | 252 | 159 | 94 |
| Totals | 2,657 | 2,451 | - | 86 | 120 | 1,838 | 482 | 216 | 121 |

[^9]
## Schedule of Benefit Recipients by Type of Benefit: TRS Plan 3

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | Number Retirees | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | $\begin{array}{r} \text { Duty } \\ \text { Disability } \end{array}$ | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} 2 \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3 \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4 \\ (66 \%) \end{gathered}$ |
| \$0-100 | 37 | 18 | - | 11 | 8 | 23 | 13 | 1 | - |
| 101-200 | 153 | 103 | - | 20 | 30 | 86 | 59 | 5 | 3 |
| 201-300 | 281 | 230 | - | 17 | 34 | 172 | 87 | 16 | 6 |
| 301-400 | 302 | 266 | - | 6 | 30 | 217 | 66 | 12 | 7 |
| 401-500 | 288 | 260 | - | 8 | 20 | 213 | 57 | 9 | 9 |
| 501-600 | 256 | 239 | - | 5 | 12 | 181 | 47 | 17 | 11 |
| 601-700 | 221 | 213 | - | 1 | 7 | 165 | 35 | 11 | 10 |
| 701-800 | 194 | 181 | - | 1 | 12 | 130 | 39 | 19 | 6 |
| 801-900 | 168 | 163 | - | - | 5 | 111 | 29 | 21 | 7 |
| 901-1,000 | 158 | 154 | - | 1 | 3 | 103 | 32 | 15 | 8 |
| Over 1,000 | 876 | 860 | - | 2 | 14 | 623 | 129 | 78 | 46 |
| Totals | 2,934 | 2,687 | - | 72 | 175 | 2,024 | 593 | 204 | 113 |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.

Schedule of Benefit Recipients by Type of Benefit: LEOFF Plan 1
For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | Number Retirees | Retirement Type |  |  |  | Option Selected* |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \end{gathered}$ | $\begin{gathered} 2^{\star *} \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3^{\star \star} \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4^{* *} \\ (66 \%) \end{gathered}$ | A (Standard) |
| \$0-100 | 4 | 4 | - | - | - | - | - | - | - | 4 |
| 101-200 | 7 | 7 | - | - | - | - | - | 1 | - | 6 |
| 201-300 | 3 | 2 | - | - | 1 | - | - | - | - | 3 |
| 301-400 | 7 | 5 | - | - | 2 | - | 1 | - | - | 6 |
| 401-500 | 8 | 6 | - | - | 2 | - | - | - | - | 8 |
| 501-600 | 13 | 10 | - | - | 3 | - | - | - | - | 13 |
| 601-700 | 11 | 8 | - | - | 3 | - | 2 | - | - | 9 |
| 701-800 | 12 | 10 | - | - | 2 | - | - | - | - | 12 |
| 801-900 | 16 | 12 | - | - | 4 | 1 | 1 | 1 | - | 13 |
| 901-1,000 | 11 | 8 | - | - | 3 | - | - | - | - | 11 |
| Over 1,000 | 7,840 | 2,630 | 3,269 | 482 | 1,459 | 37 | 465 | 53 | 57 | 7,228 |
| Totals | 7,932 | 2,702 | 3,269 | 482 | 1,479 | 38 | 469 | 55 | 57 | 7,313 |

[^10]
# Schedule of Benefit Recipients by Type of Benefit: LEOFF Plan 2 

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Retirees } \end{gathered}$ | Retirement Type |  |  |  | Option Selected* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty Disability | Nonduty Disabiity | Survivor Payment | $\stackrel{1}{\text { (Life) }}$ | $\begin{gathered} 2^{\star \star} \\ (100 \%) \end{gathered}$ | $\begin{gathered} 3^{\star \star} \\ (50 \%) \end{gathered}$ | $\begin{gathered} 4^{\star *} \\ (66 \%) \end{gathered}$ |
| \$0-100 | 9 | 9 | - | - | - | 5 | 3 | 1 | - |
| 101-200 | 13 | 4 | 1 | 1 | 7 | 4 | 8 | 1 | - |
| 201-300 | 20 | 10 | 3 | 1 | 6 | 8 | 11 | 1 | - |
| 301-400 | 28 | 12 | 4 | 1 | 11 | 13 | 13 | 2 | - |
| 401-500 | 22 | 17 | 3 | - | 2 | 7 | 12 | 3 | - |
| 501-600 | 33 | 22 | 3 | 1 | 7 | 15 | 16 | 2 | - |
| 601-700 | 34 | 24 | 4 | - | 6 | 13 | 16 | 2 | 3 |
| 701-800 | 32 | 21 | 4 | 1 | 6 | 15 | 15 | 2 | - |
| 801-900 | 43 | 32 | 8 | 1 | 2 | 21 | 18 | 2 | 2 |
| 901-1,000 | 35 | 28 | 2 | 1 | 4 | 17 | 13 | 3 | 2 |
| Over 1,000 | 1,746 | 1,477 | 159 | 30 | 80 | 812 | 549 | 218 | 167 |
| Totals | 2,015 | 1,656 | 191 | 37 | 131 | 930 | 674 | 237 | 174 |

*1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
4 - Beneficiary receives two-thirds of the monthly benefit for life.
**Joint and survivor options are available for post retirement marriages.

Schedule of Benefit Recipients by Type of Benefit: WSPRS Plan 1
For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | $\begin{array}{r} \text { Number } \\ \text { of } \\ \text { Retirees } \end{array}$ | Retirement Type |  |  |  | Option Selected* |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | Duty Disability | Nonduty Disabiity | Survivor <br> Payment | A | B** |
| \$0-100 | - | - | - | - | - | - | - |
| 101-200 | 2 | 2 | - | - | - | 2 | - |
| 201-300 | - | - | - | - | - | - | - |
| 301-400 | - | - | - | - | - | - | - |
| 401-500 | 1 | 1 | - | - | - | 1 | - |
| 501-600 | - | - | - | - | - | - | - |
| 601-700 | 4 | 1 | - | - | 3 | 3 | 1 |
| 701-800 | 6 | 1 | - | - | 5 | 5 | 1 |
| 801-900 | 6 | 1 | - | - | 5 | 6 | - |
| 901-1,000 | 7 | 1 | - | - | 6 | 7 | - |
| Over 1,000 | 849 | 737 | - | - | 112 | 449 | 400 |
| Totals | 875 | 744 | - | - | 131 | 473 | 402 |

[^11]
## Schedule of Benefit Recipients by Type of Benefit: JRS

For the Twelve Months Ended June 30, 2011

| Monthly Benefit Amount | $\begin{aligned} & \text { Number } \begin{array}{c} \text { of } \\ \text { Retirees } \end{array} \end{aligned}$ | Retirement Type |  |  |  | Option Selected* |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Service | $\begin{array}{r} \text { Duty } \\ \text { Disability } \\ \hline \end{array}$ | Nonduty Disabiity | Survivor Payment | $\begin{gathered} 1 \\ \text { (Life) } \\ \hline \end{gathered}$ | $\begin{gathered} 2^{* *} \\ (100 \%) \\ \hline \end{gathered}$ | $\begin{array}{r} 3^{+*} \\ (50 \%) \\ \hline \end{array}$ | $\begin{gathered} 4^{* *} \\ (66 \%) \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{A} \\ \text { Standard } \end{gathered}$ |
| \$0-100 | - | - | - | - | - | - | - | - | - | - |
| 101-200 | - | - | - | - | - | - | - | - | - | - |
| 201-300 | - | - | - | - | - | - | - | - | - | - |
| 301-400 | - | - | - | - | - | - | - | - | - | - |
| 401-500 | - | - | - | - | - | - | - | - | - | - |
| 501-600 | - | - | - | - | - | - | - | - | - | - |
| 601-700 | - | - | - | - | - | - | - | - | - | - |
| 701-800 | - | - | - | - | - | - | - | - | - | - |
| 801-900 | - | - | - | - | - | - | - | - | - | - |
| 901-1,000 | - | - | - | - | - | - | - | - | - | - |
| Over 1,000 | 124 | 81 | - | - | 43 | - | 8 | - | 1 | 115 |
| Totals | 124 | 81 | - | - | 43 | - | 8 | - | 1 | 115 |

* 1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,

4 - Beneficiary receives two-thirds of the monthly benefit for life. "A" is the standard option, $50 \%$ joint and survivor, for eligible spouses.
** Joint and survivor options are available for post-retirement marriages.

Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: PERS Plan 1

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$437.37 | \$1,018.91 | \$1,636.44 | \$2,316.51 | \$3,120.62 | \$3,438.97 |
| Average Final Salary (Moonthly** | \$3,781.19 | \$3,960.69 | \$4,554.22 | \$5,012.80 | \$5,735.43 | \$5,673.74 |
| Number of Active Retirees | 162 | 111 | 143 | 188 | 261 | 585 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$456.42 | \$1,100.41 | \$1,426.42 | \$2,003.96 | \$2,931.01 | \$3,388.27 |
| Average Final Salary (Moonthly* | \$3,755.10 | \$4,211.26 | \$4,053.07 | \$4,439.81 | \$5,328.15 | \$5,679.56 |
| Number of Active Retirees | 158 | 126 | 169 | 215 | 228 | 596 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$496.59 | \$943.47 | \$1,430.86 | \$2,171.94 | \$2,965.90 | \$3,381.04 |
| Average Final Salary (Moonthly* | \$3,983.17 | \$3,711.90 | \$4,081.31 | \$4,766.33 | \$5,372.21 | \$5,660.85 |
| Number of Active Retirees | 143 | 122 | 160 | 182 | 263 | 590 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$429.94 | \$909.29 | \$1,433.77 | \$1,964.39 | \$2,841.80 | \$3,106.71 |
| Average Final Salary (Monthly** | \$3,765.12 | \$3,592.11 | \$4,037.55 | \$4,346.86 | \$5,062.40 | \$5,346.47 |
| Number of Active Retirees | 153 | 123 | 169 | 200 | 459 | 653 |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$440.05 | \$826.24 | \$1,377.09 | \$2,026.97 | \$2,968.26 | \$3,044.75 |
| Average Final Salary (Monthly** | \$3,734.14 | \$3,282.95 | \$3,951.49 | \$4,478.61 | \$5,257.35 | \$5,270.50 |
| Number of Active Retirees | 73 | 78 | 105 | 122 | 456 | 420 |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$393.64 | \$855.83 | \$1,297.98 | \$1,792.25 | \$2,753.99 | \$2,916.86 |
| Average Final Salary (Monthly)* | \$3,495.56 | \$3,576.91 | \$3,776.29 | \$4,016.80 | \$4,933.84 | \$5,003.15 |
| Number of Active Retirees | 150 | 104 | 171 | 173 | 770 | 587 |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$409.58 | \$855.17 | \$1,203.75 | \$1,726.20 | \$2,692.95 | \$2,810.89 |
| Average Final Salary (Monthly* | \$3,688.81 | \$3,350.51 | \$3,557.55 | \$3,814.38 | \$4,836.00 | \$4,832.86 |
| Number of Active Retirees | 142 | 122 | 144 | 193 | 834 | 586 |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$347.11 | \$793.25 | \$1,190.84 | \$1,893.20 | \$2,638.10 | \$2,890.47 |
| Average Final Salary (Monthly* | \$3,282.37 | \$3,212.42 | \$3,449.66 | \$4,190.20 | \$4,724.51 | \$5,001.17 |
| Number of Active Retirees | 136 | 108 | 166 | 215 | 891 | 543 |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$352.67 | \$745.84 | \$1,216.41 | \$1,696.38 | \$2,672.02 | \$2,902.88 |
| Average Final Salary (Monthly* | \$3,143.11 | \$3,052.16 | \$3,572.79 | \$3,686.95 | \$4,815.61 | \$4,995.48 |
| Number of Active Retirees | 138 | 118 | 157 | 243 | 988 | 504 |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$307.42 | \$725.55 | \$1,095.01 | \$1,718.64 | \$2,489.82 | \$2,707.39 |
| Average Final Salary (Moothly)* | \$3,341.89 | \$2,928.81 | \$3,286.45 | \$3,704.50 | \$4,498.05 | \$4,728.35 |
| Number of Active Retirees | 117 | 110 | 155 | 361 | 1,010 | 511 |
| Retirees with missing or invalid data elements were excluded. *At retirement (may not be audited) |  |  |  |  |  |  |
| Source: Washington State Office |  |  |  |  |  |  |

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: PERS Plan 2

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$462.97 | \$957.39 | \$1,570.18 | \$1,779.72 | \$2,645.09 | \$3,149.46 |
| Average Final Salary (Monthly)* | \$3,651.50 | \$3,916.39 | \$4,754.82 | \$4,662.49 | \$5,270.42 | \$5,560.87 |
| Number of Active Retirees | 606 | 420 | 478 | 545 | 523 | 305 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$476.80 | \$891.24 | \$1,407.69 | \$1,646.55 | \$2,529.93 | \$3,002.36 |
| Average Final Salary (Monthly)* | \$3,592.08 | \$3,644.54 | \$4,246.31 | \$4,405.77 | \$5,011.27 | \$5,291.83 |
| Number of Active Retirees | 461 | 403 | 489 | 430 | 435 | 157 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$424.97 | \$952.70 | \$1,323.26 | \$1,620.48 | \$2,440.27 | \$2,885.16 |
| Average Final Salary (Monthly)* | \$3,322.80 | \$3,831.80 | \$4,055.40 | \$4,246.60 | \$4,820.87 | \$5,267.21 |
| Number of Active Retirees | 510 | 331 | 408 | 414 | 409 | 73 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$428.50 | \$867.23 | \$1,264.67 | \$1,531.82 | \$2,071.13 | \$2,835.47 |
| Average Final Salary (Monthly)* | \$3,337.39 | \$3,555.64 | \$3,875.64 | \$4,225.02 | \$4,490.65 | \$6,197.09 |
| Number of Active Retirees | 538 | 347 | 432 | 362 | 235 | 1 |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$429.68 | \$817.10 | \$1,261.88 | \$1,561.89 | \$1,850.45 | \$- |
| Average Final Salary (Monthly)* | \$3,251.50 | \$3,407.38 | \$3,902.20 | \$4,152.54 | \$4,176.21 | \$- |
| Number of Active Retirees | 303 | 225 | 239 | 223 | 131 | - |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$381.31 | \$840.64 | \$1,153.19 | \$1,443.59 | \$1,861.25 | \$- |
| Average Final Salary (Monthly)* | \$3,096.35 | \$3,495.45 | \$3,599.48 | \$4,014.82 | \$4,159.12 | \$- |
| Number of Active Retirees | 397 | 289 | 318 | 308 | 130 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$371.37 | \$815.79 | \$1,182.15 | \$1,441.42 | \$1,778.30 | \$2,157.26 |
| Average Final Salary (Monthly)* | \$3,005.28 | \$3,321.68 | \$3,659.92 | \$3,939.40 | \$4,158.20 | \$5,347.53 |
| Number of Active Retirees | 352 | 346 | 317 | 262 | 81 | 1 |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$357.19 | \$796.20 | \$1,105.47 | \$1,413.09 | \$1,641.65 | \$3,148.28 |
| Average Final Salary (Monthly)* | \$2,790.65 | \$3,311.56 | \$3,463.09 | \$3,809.36 | \$3,766.28 | \$5,874.68 |
| Number of Active Retirees | 309 | 316 | 289 | 243 | 32 | 2 |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$339.47 | \$743.37 | \$1,081.58 | \$1,281.20 | \$1,301.54 | \$2,733.22 |
| Average Final Salary (Monthly)* | \$2,553.67 | \$3,028.09 | \$3,360.33 | \$3,497.56 | \$2,957.96 | \$4,853.02 |
| Number of Active Retirees | 298 | 319 | 297 | 201 | 10 | 1 |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$330.72 | \$683.82 | \$1,029.00 | \$1,201.49 | \$- | \$- |
| Average Final Salary (Monthly)* | \$2,394.70 | \$2,829.33 | \$3,212.41 | \$3,521.90 | \$- | \$- |
| Number of Active Retirees | 313 | 300 | 267 | 182 | - | - |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: PERS Plan 3

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$241.09 | \$404.62 | \$682.89 | \$935.99 | \$1,393.48 | \$1,664.84 |
| Average Final Salary (Monthly)* | \$4,045.67 | \$3,928.43 | \$4,681.79 | \$4,828.04 | \$5,589.99 | \$6,199.43 |
| Number of Active Retirees | 30 | 45 | 64 | 56 | 49 | 18 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$206.96 | \$372.48 | \$650.80 | \$898.92 | \$1,237.32 | \$1,399.82 |
| Average Final Salary (Monthly)* | \$3,977.34 | \$3,840.32 | \$4,624.96 | \$4,778.36 | \$5,284.05 | \$5,238.95 |
| Number of Active Retirees | 14 | 41 | 50 | 40 | 30 | 17 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$203.00 | \$370.16 | \$590.03 | \$868.92 | \$1,140.46 | \$959.19 |
| Average Final Salary (Monthly)* | \$3,144.81 | \$3,813.15 | \$4,340.40 | \$5,186.33 | \$5,312.97 | \$3,803.49 |
| Number of Active Retirees | 22 | 39 | 40 | 38 | 32 | 1 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$221.06 | \$345.57 | \$542.98 | \$800.74 | \$1,220.33 | \$- |
| Average Final Salary (Monthly)* | \$3,288.42 | \$4,204.58 | \$4,249.64 | \$4,623.07 | \$5,530.27 | \$- |
| Number of Active Retirees | 23 | 32 | 44 | 22 | 15 | - |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$248.25 | \$355.02 | \$492.07 | \$825.20 | \$1,066.43 | \$- |
| Average Final Salary (Monthly)* | \$3,227.02 | \$4,094.89 | \$3,994.40 | \$4,749.23 | \$5,518.33 | \$- |
| Number of Active Retirees | 9 | 24 | 34 | 25 | 11 | - |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$250.54 | \$330.93 | \$430.38 | \$781.75 | \$848.25 | \$- |
| Average Final Salary (Monthly)* | \$4,241.98 | \$3,707.32 | \$4,000.23 | \$4,518.98 | \$4,933.97 | \$- |
| Number of Active Retirees | 12 | 34 | 51 | 21 | 10 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$285.06 | \$297.72 | \$483.21 | \$675.71 | \$1,070.36 | \$- |
| Average Final Salary (Monthly)* | \$3,613.75 | \$3,779.45 | \$4,041.78 | \$4,262.63 | \$5,475.22 | \$- |
| Number of Active Retirees | 14 | 35 | 36 | 18 | 2 | - |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$251.18 | \$275.34 | \$466.69 | \$604.86 | \$601.39 | \$1,078.98 |
| Average Final Salary (Monthly)* | \$3,795.68 | \$3,559.40 | \$3,829.15 | \$4,127.26 | \$3,584.08 | \$4,515.84 |
| Number of Active Retirees | 4 | 46 | 38 | 24 | 1 | 1 |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$196.52 | \$274.26 | \$487.31 | \$600.85 | \$- | \$- |
| Average Final Salary (Monthly)* | \$3,629.00 | \$3,898.30 | \$3,868.59 | \$4,409.49 | \$- | \$- |
| Number of Active Retirees | 2 | 24 | 30 | 14 | - | - |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$297.95 | \$367.83 | \$673.48 | \$- | \$- |
| Average Final Salary (Monthly** | \$- | \$4,619.45 | \$3,071.63 | \$3,766.71 | \$- | \$- |
| Number of Active Retirees | - | 4 | 3 | 2 | - | - |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: SERS Plan 2

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$325.48 | \$534.80 | \$792.65 | \$980.32 | \$1,455.60 | \$2,150.54 |
| Average Final Salary (Monthly)* | \$2,239.23 | \$2,126.03 | \$2,341.99 | \$2,488.89 | \$2,963.79 | \$3,471.57 |
| Number of Active Retirees | 83 | 105 | 135 | 95 | 75 | 22 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$329.64 | \$499.38 | \$697.76 | \$959.01 | \$1,466.33 | \$1,877.92 |
| Average Final Salary (Monthly)* | \$2,325.81 | \$2,018.06 | \$2,147.60 | \$2,636.97 | \$2,910.30 | \$3,246.34 |
| Number of Active Retirees | 76 | 102 | 94 | 86 | 56 | 18 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$306.14 | \$490.36 | \$717.17 | \$982.85 | \$1,597.73 | \$2,427.76 |
| Average Final Salary (Monthly)* | \$1,974.14 | \$2,020.86 | \$2,133.43 | \$2,542.47 | \$3,044.62 | \$3,936.89 |
| Number of Active Retirees | 97 | 91 | 86 | 89 | 47 | 1 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$264.20 | \$507.62 | \$746.45 | \$894.39 | \$1,357.45 | \$- |
| Average Final Salary (Monthly)* | \$1,758.78 | \$2,124.83 | \$2,279.37 | \$2,301.53 | \$2,921.83 | \$- |
| Number of Active Retirees | 93 | 86 | 98 | 99 | 39 | - |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$235.84 | \$463.48 | \$688.93 | \$1,068.36 | \$1,199.69 | \$- |
| Average Final Salary (Monthly)* | \$1,673.42 | \$1,807.94 | \$2,101.47 | \$2,811.31 | \$2,836.34 | \$- |
| Number of Active Retirees | 43 | 52 | 43 | 43 | 18 | - |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$227.30 | \$481.10 | \$700.31 | \$807.10 | \$1,220.00 | \$- |
| Average Final Salary (Monthly)* | \$1,624.78 | \$1,907.18 | \$2,240.95 | \$2,255.18 | \$3,008.47 | \$- |
| Number of Active Retirees | 84 | 84 | 93 | 81 | 32 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$231.01 | \$446.11 | \$677.70 | \$808.30 | \$1,134.52 | \$- |
| Average Final Salary (Monthly)* | \$1,747.89 | \$1,799.64 | \$2,082.32 | \$2,173.51 | \$2,455.74 | \$- |
| Number of Active Retirees | 62 | 67 | 58 | 91 | 23 | - |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$236.39 | \$417.64 | \$830.21 | \$789.63 | \$1,092.79 | \$- |
| Average Final Salary (Monthly)* | \$1,576.56 | \$1,693.92 | \$2,522.60 | \$2,095.77 | \$2,611.95 | \$- |
| Number of Active Retirees | 86 | 69 | 60 | 97 | 11 | - |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$211.05 | \$452.92 | \$669.60 | \$798.53 | \$1,215.34 | \$- |
| Average Final Salary (Monthly)* | \$1,396.53 | \$1,818.45 | \$2,039.61 | \$2,148.25 | \$2,652.12 | \$- |
| Number of Active Retirees | 63 | 61 | 64 | 81 | 4 | - |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$240.96 | \$415.32 | \$730.68 | \$829.12 | \$- | \$- |
| Average Final Salary (Monthly)* | \$1,534.65 | \$1,697.54 | \$2,185.84 | \$2,177.96 | \$- | \$- |
| Number of Active Retirees | 45 | 54 | 60 | 49 | - | - |

[^12]
## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: SERS Plan 3

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$199.62 | \$265.46 | \$347.98 | \$527.52 | \$801.12 | \$970.47 |
| Average Final Salary (Monthly)* | \$2,644.80 | \$2,303.44 | \$2,351.06 | \$2,730.05 | \$3,289.12 | \$3,223.70 |
| Number of Active Retirees | 76 | 81 | 133 | 131 | 86 | 28 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$179.29 | \$250.79 | \$345.57 | \$504.72 | \$737.83 | \$1,141.89 |
| Average Final Salary (Monthly)* | \$2,441.66 | \$2,254.72 | \$2,330.69 | \$2,659.54 | \$2,888.18 | \$4,035.92 |
| Number of Active Retirees | 41 | 46 | 77 | 92 | 39 | 5 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$142.97 | \$253.20 | \$325.52 | \$458.37 | \$660.37 | \$851.43 |
| Average Final Salary (Monthly)* | \$2,070.97 | \$2,338.58 | \$2,190.72 | \$2,412.90 | \$2,879.59 | \$2,972.85 |
| Number of Active Retirees | 43 | 50 | 106 | 88 | 47 | 3 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$179.78 | \$222.28 | \$309.46 | \$448.52 | \$688.02 | \$- |
| Average Final Salary (Monthly)* | \$2,549.16 | \$2,011.46 | \$2,321.32 | \$2,566.71 | \$3,084.89 | \$- |
| Number of Active Retirees | 25 | 62 | 100 | 80 | 35 | - |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$120.59 | \$215.61 | \$327.88 | \$370.12 | \$803.06 | \$- |
| Average Final Salary (Monthly)* | \$2,141.06 | \$2,086.67 | \$2,413.29 | \$2,203.55 | \$3,744.44 | \$- |
| Number of Active Retirees | 12 | 37 | 56 | 42 | 15 | - |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$158.83 | \$209.91 | \$294.67 | \$345.13 | \$533.98 | \$- |
| Average Final Salary (Monthly)* | \$2,050.86 | \$2,042.36 | \$2,119.57 | \$2,091.65 | \$2,833.81 | \$- |
| Number of Active Retirees | 18 | 56 | 74 | 57 | 16 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$170.25 | \$223.05 | \$255.66 | \$372.45 | \$411.51 | \$- |
| Average Final Salary (Monthly)* | \$2,422.04 | \$2,030.62 | \$1,944.44 | \$2,217.29 | \$2,113.99 | \$- |
| Number of Active Retirees | 11 | 52 | 88 | 46 | 10 | - |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$164.16 | \$178.43 | \$260.42 | \$418.11 | \$455.03 | \$- |
| Average Final Salary (Monthly)* | \$2,235.27 | \$1,796.28 | \$1,911.45 | \$2,453.85 | \$2,722.73 | \$- |
| Number of Active Retirees | 12 | 44 | 66 | 40 | 3 | - |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$163.96 | \$203.20 | \$280.10 | \$363.17 | \$586.34 | \$- |
| Average Final Salary (Monthly)* | \$2,396.04 | \$2,116.34 | \$2,046.41 | \$2,213.72 | \$2,291.93 | \$- |
| Number of Active Retirees | 17 | 34 | 40 | 23 | 1 | - |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$107.15 | \$170.83 | \$255.17 | \$397.87 | \$- | \$- |
| Average Final Salary (Monthly)* | \$1,460.85 | \$1,916.83 | \$1,919.31 | \$2,326.24 | \$- | \$- |
| Number of Active Retirees | 13 | 41 | 31 | 12 | - | - |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited).
Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: PSERS Plan 2*

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit** | \$324.12 | \$- | \$- | \$- | \$- | \$- |
| Average Final Salary (Monthly** | \$4,822.01 | \$- | \$- | \$- | \$- | \$- |
| Number of Active Retirees | 6 | - | - | - | - | - |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit** | \$271.60 | \$- | \$- | \$- | \$- | \$- |
| Average Final Salary (Monthly)** | \$5,230.39 | \$- | \$- | \$- | \$- | \$- |
| Number of Active Retirees | 3 | - | - | - | - | - |

Retirees with missing or invalid data elements were excluded

* PSERS Plan 2 became effective July 1, 2006.
**At retirement (may not be audited)
Source: Washington State Office of the State Actuary


## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: TRS Plan 1

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$438.41 | \$977.55 | \$1,754.50 | \$2,556.44 | \$3,356.41 | \$3,665.13 |
| Average Final Salary (Monthly)* | \$2,703.33 | \$3,893.89 | \$5,064.15 | \$5,972.05 | \$6,503.81 | \$6,557.94 |
| Number of Active Retirees | 63 | 63 | 82 | 143 | 165 | 475 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$438.54 | \$989.00 | \$1,631.06 | \$2,361.44 | \$3,124.49 | \$3,493.23 |
| Average Final Salary (Monthly)* | \$3,228.12 | \$3,923.42 | \$4,939.54 | \$5,582.54 | \$6,092.38 | \$6,401.14 |
| Number of Active Retirees | 74 | 56 | 72 | 128 | 132 | 330 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$453.06 | \$1,006.59 | \$1,618.97 | \$2,354.28 | \$2,904.77 | \$3,314.77 |
| Average Final Salary (Monthly** | \$3,243.52 | \$4,073.33 | \$5,030.12 | \$5,709.31 | \$5,870.41 | \$6,261.55 |
| Number of Active Retirees | 66 | 69 | 90 | 164 | 176 | 443 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$418.90 | \$1,013.91 | \$1,591.61 | \$2,227.52 | \$2,928.20 | \$2,893.41 |
| Average Final Salary (Monthly** | \$2,808.31 | \$4,134.13 | \$4,821.23 | \$5,317.30 | \$5,904.30 | \$5,809.84 |
| Number of Active Retirees | 66 | 57 | 114 | 192 | 408 | 531 |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$348.74 | \$839.10 | \$1,321.85 | \$1,820.11 | \$2,848.13 | \$2,588.78 |
| Average Final Salary (Monthly** | \$2,641.07 | \$3,364.49 | \$4,122.54 | \$4,444.75 | \$5,736.18 | \$5,917.60 |
| Number of Active Retirees | 39 | 35 | 45 | 40 | 55 | 24 |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$367.34 | \$1,011.54 | \$1,519.99 | \$2,017.00 | \$2,817.52 | \$2,880.89 |
| Average Final Salary (Monthly** | \$2,936.42 | \$4,174.56 | \$4,765.76 | \$5,018.16 | \$5,632.88 | \$5,640.67 |
| Number of Active Retirees | 61 | 58 | 100 | 157 | 486 | 465 |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$389.23 | \$870.30 | \$1,416.79 | \$2,105.47 | \$2,726.57 | \$2,727.08 |
| Average Final Salary (Monthly)* | \$3,167.27 | \$3,608.64 | \$4,393.83 | \$4,973.52 | \$5,501.61 | \$5,466.36 |
| Number of Active Retirees | 62 | 72 | 117 | 153 | 551 | 484 |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$356.95 | \$875.67 | \$1,363.14 | \$1,925.47 | \$2,657.77 | \$2,777.56 |
| Average Final Salary (Monthly** | \$2,662.53 | \$3,897.99 | \$4,303.80 | \$4,830.72 | \$5,458.75 | \$5,633.93 |
| Number of Active Retirees | 55 | 86 | 127 | 176 | 632 | 441 |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$328.49 | \$866.35 | \$1,289.24 | \$1,843.72 | \$2,623.39 | \$2,662.54 |
| Average Final Salary (Monthly** | \$2,814.56 | \$3,588.64 | \$4,100.72 | \$4,601.64 | \$5,352.38 | \$5,360.55 |
| Number of Active Retirees | 92 | 93 | 95 | 156 | 665 | 358 |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$254.31 | \$803.93 | \$1,157.14 | \$1,861.65 | \$2,396.72 | \$2,473.71 |
| Average Final Salary (Monthly)* | \$2,597.54 | \$3,432.41 | \$4,037.84 | \$4,841.25 | \$5,162.29 | \$5,246.20 |
| Number of Active Retirees | 79 | 66 | 83 | 229 | 770 | 483 |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: TRS Plan 2

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$417.71 | \$1,147.78 | \$1,783.60 | \$2,052.93 | \$3,094.93 | \$3,559.00 |
| Average Final Salary (Monthly)* | \$3,507.78 | \$4,578.42 | \$5,406.28 | \$5,582.93 | \$6,034.27 | \$6,283.35 |
| Number of Active Retirees | 59 | 66 | 92 | 54 | 52 | 19 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$511.71 | \$1,228.38 | \$1,902.99 | \$2,012.05 | \$3,025.53 | \$3,167.60 |
| Average Final Salary (Monthly)* | \$3,830.95 | \$4,964.28 | \$5,759.54 | \$5,413.19 | \$5,762.55 | \$5,520.72 |
| Number of Active Retirees | 42 | 47 | 47 | 42 | 41 | 13 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit ${ }^{*}$ | \$520.28 | \$1,146.03 | \$1,602.18 | \$2,141.67 | \$2,938.41 | \$3,665.93 |
| Average Final Salary (Monthly)* | \$3,516.21 | \$4,585.47 | \$5,136.98 | \$5,467.87 | \$5,809.95 | \$6,295.83 |
| Number of Active Retirees | 35 | 44 | 62 | 46 | 43 | 2 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$537.82 | \$1,086.65 | \$1,606.56 | \$1,966.69 | \$2,706.92 | \$- |
| Average Final Salary (Monthly)* | \$3,638.09 | \$4,523.98 | \$5,073.16 | \$5,226.25 | \$5,376.41 | \$- |
| Number of Active Retirees | 37 | 52 | 67 | 42 | 20 | - |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$375.95 | \$970.16 | \$1,585.44 | \$1,911.48 | \$2,622.91 | \$- |
| Average Final Salary (Monthly)* | \$3,634.96 | \$4,054.58 | \$4,891.30 | \$5,337.42 | \$5,601.05 | \$- |
| Number of Active Retirees | 24 | 28 | 20 | 16 | 5 | - |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$515.76 | \$1,042.26 | \$1,516.39 | \$1,875.65 | \$2,282.00 | \$- |
| Average Final Salary (Monthly)* | \$3,562.09 | \$4,270.10 | \$4,672.24 | \$4,924.09 | \$4,870.42 | \$- |
| Number of Active Retirees | 47 | 49 | 48 | 53 | 18 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$512.93 | \$1,041.49 | \$1,465.30 | \$1,971.26 | \$2,102.62 | \$- |
| Average Final Salary (Monthly)* | \$3,572.31 | \$4,406.34 | \$4,563.44 | \$5,059.40 | \$4,870.05 | \$- |
| Number of Active Retirees | 51 | 49 | 57 | 47 | 15 | - |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$415.43 | \$952.94 | \$1,417.11 | \$1,996.13 | \$1,917.24 | \$- |
| Average Final Salary (Monthly)* | \$3,309.83 | \$3,949.77 | \$4,525.46 | \$4,927.74 | \$4,654.53 | \$- |
| Number of Active Retirees | 39 | 43 | 37 | 34 | 8 | - |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$440.63 | \$927.24 | \$1,316.90 | \$1,744.68 | \$- | \$- |
| Average Final Salary (Monthly)* | \$3,377.29 | \$4,076.97 | \$4,256.03 | \$4,673.16 | \$- | \$- |
| Number of Active Retirees | 38 | 40 | 33 | 25 | - | - |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$498.47 | \$920.61 | \$1,350.13 | \$1,710.86 | \$- | \$- |
| Average Final Salary (Monthly)* | \$3,408.04 | \$3,873.98 | \$4,265.37 | \$4,362.12 | \$- | \$- |
| Number of Active Retirees | 33 | 25 | 21 | 30 | - | - |

[^13]
## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: TRS Plan 3

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$336.03 | \$545.30 | \$831.33 | \$1,125.89 | \$1,568.81 | \$1,686.38 |
| Average Final Salary (Monthly)* | \$4,553.15 | \$4,830.15 | \$5,435.01 | \$5,780.35 | \$6,160.69 | \$6,065.22 |
| Number of Active Retirees | 106 | 113 | 122 | 136 | 120 | 68 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$319.39 | \$545.45 | \$786.31 | \$1,078.33 | \$1,453.56 | \$1,699.32 |
| Average Final Salary (Monthly** | \$4,468.37 | \$4,766.92 | \$5,254.99 | \$5,634.96 | \$5,839.55 | \$5,992.94 |
| Number of Active Retirees | 79 | 73 | 91 | 75 | 79 | 22 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$303.61 | \$547.01 | \$796.81 | \$993.91 | \$1,500.99 | \$1,419.21 |
| Average Final Salary (Monthly** | \$4,534.11 | \$5,211.68 | \$5,389.18 | \$5,394.30 | \$5,833.52 | \$5,397.36 |
| Number of Active Retirees | 76 | 53 | 84 | 77 | 83 | 5 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$267.19 | \$514.88 | \$753.87 | \$923.79 | \$1,207.54 | \$- |
| Average Final Salary (Monthly** | \$3,949.74 | \$4,680.85 | \$5,313.06 | \$5,444.54 | \$5,366.59 | \$- |
| Number of Active Retirees | 62 | 60 | 89 | 78 | 48 | - |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$254.63 | \$452.49 | \$712.80 | \$1,061.00 | \$1,243.51 | \$- |
| Average Final Salary (Monthly)* | \$4,146.59 | \$4,575.87 | \$4,909.18 | \$5,447.02 | \$5,750.52 | \$- |
| Number of Active Retirees | 19 | 22 | 24 | 22 | 4 | - |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$297.95 | \$448.22 | \$666.82 | \$869.07 | \$1,101.94 | \$- |
| Average Final Salary (Monthly)* | \$4,392.04 | \$4,659.35 | \$4,950.00 | \$5,187.16 | \$5,239.94 | \$- |
| Number of Active Retirees | 32 | 45 | 73 | 41 | 20 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$234.33 | \$447.08 | \$690.49 | \$959.64 | \$985.06 | \$- |
| Average Final Salary (Monthly** | \$3,873.88 | \$4,905.43 | \$4,783.98 | \$5,249.36 | \$4,894.49 | \$- |
| Number of Active Retirees | 31 | 42 | 31 | 44 | 5 | - |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$226.49 | \$370.52 | \$577.81 | \$880.22 | \$932.39 | \$- |
| Average Final Salary (Monthly)* | \$3,739.73 | \$4,166.11 | \$4,685.49 | \$4,953.13 | \$4,994.64 | \$- |
| Number of Active Retirees | 27 | 34 | 43 | 27 | 7 | - |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit ${ }^{*}$ | \$215.81 | \$376.46 | \$545.68 | \$730.52 | \$- | \$- |
| Average Final Salary (Monthly** | \$3,948.35 | \$4,622.77 | \$4,386.17 | \$4,580.21 | \$- | \$- |
| Number of Active Retirees | 17 | 25 | 31 | 21 | - | - |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$220.32 | \$343.01 | \$485.97 | \$558.34 | \$- | \$- |
| Average Final Salary (Monthly** | \$3,727.15 | \$4,114.94 | \$4,282.65 | \$4,355.04 | \$- | \$- |
| Number of Active Retirees | 9 | 27 | 16 | 16 | - | - |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: LEOFF Plan 1

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$2,608.42 | \$- | \$- | \$3,770.38 | \$6,799.27 |
| Average Final Salary (Monthly** | \$- | \$12,347.54 | \$- | \$- | \$6,693.02 | \$9,117.73 |
| Number of Active Retirees | - | 1 | - | - | 1 | 49 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$- | \$5,846.14 | \$6,727.58 |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$- | \$9,964.96 | \$9,156.08 |
| Number of Active Retirees | - | - | - | - | 1 | 56 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$- | \$8,876.88 | \$5,773.59 |
| Average Final Salary (Monthly** | \$- | \$- | \$- | \$- | \$13,656.74 | \$8,293.04 |
| Number of Active Retirees | - | - | - | - | 1 | 67 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$737.71 | \$- | \$4,083.42 | \$3,717.62 | \$5,275.22 |
| Average Final Salary (Monthly)* | \$- | \$2,147.00 | \$- | \$8,695.24 | \$6,687.05 | \$7,715.25 |
| Number of Active Retirees | - | 1 | - | 2 | 9 | 85 |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$1,086.32 | \$- | \$- | \$3,785.27 | \$5,086.57 |
| Average Final Salary (Monthly)* | \$- | \$5,203.92 | \$- | \$- | \$6,727.37 | \$7,548.05 |
| Number of Active Retirees | - | 1 | - | - | 20 | 63 |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$3,627.67 | \$- | \$- | \$3,307.40 | \$3,999.96 | \$4,870.88 |
| Average Final Salary (Monthly)* | \$6,595.75 | \$- | \$- | \$6,549.30 | \$7,140.56 | \$7,484.82 |
| Number of Active Retirees | 1 | - | - | 1 | 47 | 80 |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$770.99 | \$3,204.91 | \$2,402.75 | \$3,702.10 | \$4,478.06 |
| Average Final Salary (Monthly)* | \$- | \$2,796.81 | \$6,409.82 | \$5,085.81 | \$6,565.39 | \$6,917.86 |
| Number of Active Retirees | - | 1 | 1 | 2 | 45 | 76 |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$2,572.50 | \$1,219.55 | \$1,648.30 | \$2,950.79 | \$3,428.97 | \$4,325.06 |
| Average Final Salary (Monthly)* | \$5,145.00 | \$3,222.11 | \$4,381.50 | \$5,839.05 | \$6,314.70 | \$6,624.47 |
| Number of Active Retirees | 1 | 2 | 2 | 6 | 71 | 66 |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$2,025.18 | \$2,222.50 | \$790.85 | \$2,759.90 | \$3,608.96 | \$3,963.91 |
| Average Final Salary (Monthly** | \$4,050.36 | \$4,445.00 | \$2,747.33 | \$5,517.10 | \$6,558.24 | \$6,465.99 |
| Number of Active Retirees | 2 | 1 | 1 | 10 | 89 | 60 |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$2,331.10 | \$2,988.91 | \$3,274.02 | \$3,885.10 |
| Average Final Salary (Monthly)* | \$- | \$- | \$5,080.50 | \$6,074.97 | \$6,046.00 | \$6,405.84 |
| Number of Active Retirees | - | - | 2 | 20 | 95 | 56 |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: LEOFF Plan 2

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$786.80 | \$1,346.38 | \$2,628.43 | \$3,229.83 | \$4,442.23 | \$5,010.17 |
| Average Final Salary (Monthly)* | \$6,436.60 | \$5,505.96 | \$7,191.87 | \$7,200.29 | \$8,131.03 | \$8,349.92 |
| Number of Active Retirees | 21 | 17 | 31 | 71 | 104 | 73 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$802.80 | \$1,430.37 | \$2,176.26 | \$2,935.73 | \$4,107.79 | \$4,329.19 |
| Average Final Salary (Monthly ${ }^{*}$ | \$5,885.87 | \$5,662.91 | \$6,203.07 | \$6,911.64 | \$7,594.47 | \$7,264.63 |
| Number of Active Retirees | 24 | 17 | 21 | 43 | 99 | 33 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$826.57 | \$1,481.13 | \$2,064.59 | \$2,981.51 | \$3,846.34 | \$4,459.60 |
| Average Final Salary (Monthly)* | \$6,372.71 | \$5,884.19 | \$5,940.37 | \$6,704.73 | \$7,298.28 | \$7,742.83 |
| Number of Active Retirees | 15 | 17 | 29 | 42 | 83 | 13 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$782.60 | \$1,146.25 | \$2,063.68 | \$2,806.54 | \$3,455.45 | \$- |
| Average Final Salary (Monthly)* | \$5,913.15 | \$5,141.47 | \$6,100.96 | \$6,573.92 | \$6,853.86 | \$- |
| Number of Active Retirees | 16 | 18 | 26 | 47 | 81 | - |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$730.74 | \$1,419.11 | \$2,036.97 | \$2,944.90 | \$3,301.90 | \$3,326.98 |
| Average Final Salary (Monthly)* | \$5,214.92 | \$5,723.21 | \$6,063.32 | \$6,574.48 | \$6,490.35 | \$6,032.87 |
| Number of Active Retirees | 10 | 15 | 24 | 37 | 37 | 1 |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$603.71 | \$1,133.58 | \$1,965.38 | \$2,733.20 | \$3,186.75 | \$- |
| Average Final Salary (Monthly)* | \$4,482.80 | \$4,740.11 | \$5,532.82 | \$6,249.84 | \$6,319.38 | \$- |
| Number of Active Retirees | 16 | 19 | 24 | 65 | 41 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$691.80 | \$1,256.62 | \$1,922.51 | \$2,575.48 | \$2,965.91 | \$- |
| Average Final Salary (Monthly)* | \$4,885.48 | \$5,170.23 | \$5,657.35 | \$5,805.46 | \$6,128.98 | \$- |
| Number of Active Retirees | 15 | 12 | 18 | 45 | 30 | - |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$801.24 | \$1,298.02 | \$1,819.42 | \$2,342.40 | \$3,069.32 | \$- |
| Average Final Salary (Monthly)* | \$5,595.05 | \$5,158.93 | \$5,350.85 | \$5,471.12 | \$6,524.11 | \$- |
| Number of Active Retirees | 18 | 12 | 31 | 36 | 7 | - |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$669.51 | \$988.59 | \$1,809.39 | \$2,396.28 | \$1,704.94 | \$- |
| Average Final Salary (Monthly)* | \$4,892.20 | \$4,219.61 | \$5,132.09 | \$5,531.87 | \$3,602.73 | \$- |
| Number of Active Retirees | 12 | 9 | 18 | 26 | 1 | - |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$634.41 | \$1,202.59 | \$1,637.57 | \$2,313.58 | \$- | \$- |
| Average Final Salary (Monthly)* | \$3,952.56 | \$4,737.99 | \$4,821.85 | \$5,533.30 | \$- | \$- |
| Number of Active Retirees | 8 | 9 | 14 | 14 | - | - |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary

Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: WSPRS Plan 1

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$1,300.91 | \$3,981.43 | \$4,307.44 | \$3,807.43 |
| Average Final Salary (Monthly)* | \$- | \$- | \$5,279.73 | \$7,767.77 | \$7,696.70 | \$6,534.53 |
| Number of Active Retirees | - | - | 1 | 14 | 20 | 1 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$3,603.10 | \$5,653.44 | \$5,437.71 |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$7,241.18 | \$9,302.30 | \$8,000.30 |
| Number of Active Retirees | - | - | - | 9 | 10 | 3 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$3,205.87 | \$3,984.48 | \$5,748.34 |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$6,495.52 | \$7,139.94 | \$8,014.31 |
| Number of Active Retirees | - | - | - | 2 | 7 | 3 |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$395.27 | \$- | \$- | \$3,166.53 | \$4,129.05 | \$4,313.40 |
| Average Final Salary (Monthly)* | \$5,784.65 | \$- | \$- | \$6,685.85 | \$7,573.82 | \$6,621.25 |
| Number of Active Retirees | 1 | - | - | 5 | 6 | 6 |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$1,385.52 | \$2,000.54 | \$- | \$3,887.12 | \$4,422.67 |
| Average Final Salary (Monthly)* | \$- | \$5,980.57 | \$5,755.62 | \$- | \$7,254.30 | \$6,698.61 |
| Number of Active Retirees | - | 1 | 1 | - | 5 | 6 |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$- | \$3,488.08 | \$3,996.14 |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$- | \$6,559.78 | \$6,112.68 |
| Number of Active Retirees | - | - | - | - | 15 | 7 |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$3,235.65 | \$3,459.02 | \$3,777.55 |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$6,646.16 | \$6,515.54 | \$5,821.81 |
| Number of Active Retirees | - | - | - | 11 | 17 | 9 |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$928.66 | \$1,025.81 | \$1,499.18 | \$3,407.73 | \$3,868.03 | \$4,105.68 |
| Average Final Salary (Monthly)* | \$7,410.04 | \$3,907.07 | \$3,871.44 | \$6,922.32 | \$6,944.49 | \$6,321.05 |
| Number of Active Retirees | 1 | 2 | 1 | 7 | 9 | 10 |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$1,100.95 | \$3,502.58 | \$3,708.64 | \$4,234.55 |
| Average Final Salary (Monthly)* | \$- | \$- | \$2,861.31 | \$7,149.96 | \$6,584.12 | \$6,437.39 |
| Number of Active Retirees | - | - | 1 | 3 | 10 | 11 |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$562.42 | \$2,534.99 | \$3,475.76 | \$3,691.11 | \$3,722.77 |
| Average Final Salary (Monthly** | \$- | \$2,502.73 | \$6,208.20 | \$7,149.99 | \$6,784.48 | \$5,449.78 |
| Number of Active Retirees | - | 1 | 1 | 7 | 9 | 7 |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary

## Schedule of Average Benefit Payments to Service Retirees in Year of Retirement: JRS

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ |
| Period 7/1/10 to 6/30/11 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$- | \$7,376.49 | \$9,302.01 |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$- | \$12,402.68 | \$12,402.68 |
| Number of Active Retirees | - | - | - | - | 1 | 1 |
| Period 7/1/09 to 6/30/10 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$7,904.34 | \$8,292.69 | \$9,770.51 |
| Average Final Salary (Monthly** | \$- | \$- | \$- | \$13,027.34 | \$12,402.60 | \$13,027.34 |
| Number of Active Retirees | - | - | - | 1 | 2 | 1 |
| Period 7/1/08 to 6/30/09 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$5,286.59 | \$9,301.95 | \$- | \$- |
| Average Final Salary (Monthly** | \$- | \$- | \$10,367.60 | \$12,402.60 | \$- | \$- |
| Number of Active Retirees | - | - | 1 | 1 | - | - |
| Period 7/1/07 to 6/30/08 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$- | \$- | \$9,255.00 |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$- | \$- | \$12,340.00 |
| Number of Active Retirees | - | - | - | - | - | 1 |
| Period 10/1/06 to 6/30/07 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$- | \$- | \$- |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$- | \$- | \$- |
| Number of Active Retirees | - | - | - | - | - | - |
| Period 10/1/05 to 9/30/06 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$6,242.30 | \$- | \$8,412.38 | \$- |
| Average Final Salary (Monthly)* | \$- | \$- | \$9,987.16 | \$- | \$11,216.50 | \$- |
| Number of Active Retirees | - | - | 2 | - | 1 | - |
| Period 10/1/04 to 9/30/05 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$6,599.62 | \$7,561.62 | \$- | \$- |
| Average Final Salary (Monthly** | \$- | \$- | \$9,920.07 | \$10,724.95 | \$- | \$- |
| Number of Active Retirees | - | - | 3 | 3 | - | - |
| Period 10/1/03 to 9/30/04 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$- | \$7,696.44 | \$- | \$- |
| Average Final Salary (Monthly)* | \$- | \$- | \$- | \$10,334.99 | \$- | \$- |
| Number of Active Retirees | - | - | - | 3 | - | - |
| Period 10/1/02 to 9/30/03 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$3,917.72 | \$7,623.24 | \$- | \$- |
| Average Final Salary (Monthly** | \$- | \$- | \$6,708.32 | \$10,164.32 | \$- | \$- |
| Number of Active Retirees | - | - | 1 | 2 | - | - |
| Period 10/1/01 to 9/30/02 |  |  |  |  |  |  |
| Average Monthly Benefit* | \$- | \$- | \$6,209.62 | \$7,447.71 | \$- | \$- |
| Average Final Salary (Monthly** | \$- | \$- | \$10,436.34 | \$9,935.84 | \$- | \$- |
| Number of Active Retirees | - | - | 1 | 1 | - | - |

Retirees with missing or invalid data elements were excluded.
*At retirement (may not be audited)
Source: Washington State Office of the State Actuary
Schedule of Benefit Expenses and Refunds by Type: PERS Plan 1 Years Ended 2003-2012
(expressed in thousands)

|  | 6/30/12 | 6/30/11 | 6/30/10 | 6/30/09 | 6/30/08 | 6/30/07 | 6/30/06 | 6/30/05 |  | 6/30/04 | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |
| Service | \$1,082,344 | \$ 1,059,536 | \$1,024,555 | \$ 987,383 | \$ 947,353 | \$ 901,730 | \$ 854,882 | \$ 809,658 | \$ | 760,454 | \$ 710,565 |
| Disability | 13,810 | 14,431 | 14,718 | 14,871 | 15,121 | 14,950 | 15,171 | 15,159 |  | 14,970 | 15,210 |
| Survivor | 77,529 | 75,555 | 72,113 | 68,675 | 65,460 | 62,315 | 59,370 | 56,057 |  | 53,341 | 50,908 |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |
| Separations | 3,667 | 2,930 | 3,997 | 3,612 | 4,011 | 4,194 | 4,796 | 4,093 |  | 4,309 | 4,224 |
| Death | 887 | 540 | 949 | 1,459 | 1,562 | 2,021 | 1,757 | 1,050 |  | 1,319 | 1,453 |
| Total | \$1,178,237 | \$1,152,992 | \$1,116,332 | \$1,076,000 | \$1,033,507 | \$ 985,210 | \$ 935,976 | \$ 886,017 | \$ | 834,393 | \$ 782,360 |

\footnotetext{
Schedule of Benefit Expenses and Refunds by Type: PERS Plan 2/3

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 | 6/30/07 | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service | \$ | 350,550 | \$ | 287,560 | \$ | 230,776 | \$ | 188,971 | \$ | 154,388 | \$ 129,890 | \$ 109,007 | \$ | 92,401 | \$ | 77,193 | \$ | 64,733 |
| Disabaility |  | 10,901 |  | 10,140 |  | 9,795 |  | 9,014 |  | 8,294 | 7,669 | 6,871 |  | 5,969 |  | 5,456 |  | 4,920 |
| Surivor |  | 15,548 |  | 13,243 |  | 11,194 |  | 9,334 |  | 7,635 | 6,243 | 5,218 |  | 4,372 |  | 3,525 |  | 2,807 |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations |  | 30,148 |  | 27,956 |  | 25,005 |  | 22,798 |  | 24,498 | 21,866 | 22,378 |  | 20,515 |  | 23,729 |  | 27,645 |
| Death |  | 5,568 |  | 5,730 |  | 6,420 |  | 3,644 |  | 2,076 | 4,599 | 4,098 |  | 3,571 |  | 3,353 |  | 3,190 |
| Total | \$ | 412,715 | \$ | 344,629 | \$ | 283,190 | \$ | 233,761 | \$ | 196,891 | \$ 170,267 | \$ 147,572 | \$ | 126,828 | \$ | 113,256 |  | \$ 103,295 |

Schedule of Benefit Expenses and Refunds by Type: PERS Plan 3

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service | \$ | 322 | \$ | 164 | \$ | 80 | \$ | 51 | \$ | 23 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Disability |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Survivor |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations |  | 66,095 |  | 56,974 |  | 40,215 |  | 38,856 |  | 35,702 |  | 33,724 |  | 34,854 |  | 24,563 |  | 25,601 |  | 5,515 |
| Death |  | 150 |  | 2,169 |  | 1,508 |  | 1,346 |  | 2,589 |  | 1,530 |  | 685 |  | 970 |  | 980 |  | 222 |
| Total | \$ | 66,567 | \$ | 59,307 | \$ | 41,803 | \$ | 40,253 | \$ | 38,314 | \$ | 35,254 | \$ | 35,539 | \$ | 25,533 | \$ | 26,581 | \$ | 5,737 |

[^14]For Years Ended 2003-2012
(expressed in thousands)

Schedule of Benefit Expenses and Refunds by Type: SERS Plan 3 For Years Ended 2003-2012

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service | \$ | 302 | \$ | 182 | \$ | 91 | \$ | 62 | \$ | 8 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Disability |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Survivor |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations |  | 60,929 |  | 51,431 |  | 31,383 |  | 40,501 |  | 39,438 |  | 30,539 |  | 24,104 |  | 20,777 |  | 11,731 |  | 10,528 |
| Death |  | - |  | 1,811 |  | 2,533 |  | 1,540 |  | 377 |  | 1,538 |  | 842 |  | 701 |  | 633 |  | 800 |
| Total | \$ | 61,231 | \$ | 53,424 | \$ | 34,007 | \$ | 42,103 | \$ | 39,823 |  | 32,077 | \$ | 24,946 | \$ | 21,478 | \$ | 12,364 | \$ | 11,328 |

[^15]Schedule of Benefit Expenses and Refunds by Type: TRS Plan 1

|  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 | 6/30/07 | 6/30/06 | 6/30/05 | 6/30/04 | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service ${ }^{1}$ | \$ 860,848 | \$ | 847,353 | \$ | 809,214 | \$ | 801,974 | \$ | 798,668 | \$ 757,896 | \$ 720,921 | \$ 700,288 | \$ 653,560 | \$ 652,419 |
| Disability | 10,618 |  | 11,111 |  | 10,905 |  | 11,068 |  | 11,186 | 11,301 | 11,379 | 11,325 | 11,129 | 10,916 |
| Survivor | 42,398 |  | 41,355 |  | 39,131 |  | 37,220 |  | 35,132 | 33,147 | 31,313 | 29,505 | 27,554 | 25,919 |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations | 1,120 |  | 1,389 |  | 574 |  | 930 |  | 827 | 841 | 714 | 878 | 1,792 | 1,521 |
| Death | 432 |  | 431 |  | 930 |  | 330 |  | 173 | 1,037 | 328 | 302 | - | - |
| Total | \$ 915,416 | \$ | 901,639 | \$ | 860,754 | \$ | 851,522 | \$ | 845,986 | \$ 804,222 | \$ 764,655 | \$ 742,298 | \$ 694,035 | \$ 690,775 |

Schedule of Benefit Expenses and Refunds by Type: TRS Plan 2/3

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service | \$ | 87,707 | \$ | 68,782 | \$ | 52,921 | \$ | 42,587 | \$ | 33,984 | \$ | 26,770 | \$ | 20,716 | \$ | 15,953 | \$ | 12,389 | \$ | 9,988 |
| Disability |  | 1,071 |  | 1,118 |  | 921 |  | 838 |  | 882 |  | 732 |  | 796 |  | 616 |  | 521 |  | 406 |
| Survivor |  | 2,622 |  | 2,238 |  | 1,812 |  | 1,370 |  | 1,150 |  | 1,032 |  | 839 |  | 549 |  | 506 |  | 467 |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations |  | 1,652 |  | 1,584 |  | 2,092 |  | 1,423 |  | 1,712 |  | 2,884 |  | 2,023 |  | 2,611 |  | 2,432 |  | 3,082 |
| Death |  | 517 |  | 697 |  | 776 |  | 766 |  | 478 |  | 442 |  | 376 |  | 499 |  | 426 |  | 456 |
| Total | \$ | 93,569 | \$ | 74,419 | \$ | 58,522 | \$ | 46,984 | \$ | 38,206 | \$ | 31,260 | \$ | 24,750 | \$ | 20,228 | \$ | 16,274 | \$ | 14,399 |


| Schedule of Benefit Expenses and Refunds by Type: TRS Plan 3 <br> For Years Ended 2003-2012 <br> (expressed in thousands) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service | \$ | 1,149 | \$ | 542 | \$ | 257 | \$ | 128 | \$ | 45 | \$ | 18 | \$ | - | \$ | - | \$ | - | \$ | - |
| Disability |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Survivor |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations |  | 150,404 |  | 110,425 |  | 67,158 |  | 74,586 |  | 82,756 |  | 59,658 |  | 40,397 |  | 33,660 |  | 23,911 |  | 18,611 |
| Death |  | - |  | 5,146 |  | 4,507 |  | 1,580 |  | 2,020 |  | 3,152 |  | 1,511 |  | 1,922 |  | 2,021 |  | 720 |
| Total | \$ | 151,553 | \$ | 116,113 | \$ | 71,922 | \$ | 76,294 | \$ | 84,821 | \$ | 62,828 | \$ | 41,908 | \$ | 35,582 | \$ | 25,932 | \$ | 19,331 |

Schedule of Benefit Expenses and Refunds by Type: LEOFF Plan 1

|  |  | 6/30/12 |  | 6/30/11 |  | 6/30/10 |  | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service | \$ | 138,884 | \$ | 134,321 | \$ | 132,450 | \$ | 126,562 | \$ | 119,464 | \$ | 112,073 | \$ | 105,527 | \$ | 100,529 | \$ | 95,318 | \$ | 89,457 |
| Disability |  | 146,207 |  | 147,653 |  | 150,521 |  | 148,846 |  | 145,795 |  | 143,468 |  | 140,552 |  | 139,928 |  | 139,544 |  | 139,236 |
| Survivor |  | 58,347 |  | 56,801 |  | 55,260 |  | 51,625 |  | 48,271 |  | 44,911 |  | 42,130 |  | 39,500 |  | 37,256 |  | 35,925 |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations |  | 4 |  | 48 |  | 11 |  | 43 |  | - |  | 1 |  | 3 |  | 5 |  | 4 |  | 153 |
| Death |  | 431 |  | - |  | 3 |  | 150 |  | 150 |  | 10 |  | - |  | - |  | 129 |  | 5 |
| Total | \$ | 343,873 | \$ | 338,823 | \$ | 338,245 | \$ | 327,226 | \$ | 313,680 |  | 300,463 | \$ | 288,212 |  | 279,962 | \$ | 272,251 |  | 264,776 |

Schedule of Benefit Expenses and Refunds by Type：LEOFF Plan 2
For Years Ended 2003－2012
（expressed in thousands）

|  |  | 6／30／12 |  | 6／30／11 |  | 6／30／10 |  | 6／30／09 |  | 6／30／08 |  | 6／30／07 |  | 6／30／06 |  | 6／30／05 |  | ／30／04 |  | 30／03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service | \＄ | 67，331 | \＄ | 52，547 | \＄ | 39，100 | \＄ | 30，694 | \＄ | 23，096 | \＄ | 16，889 | \＄ | 11，801 | \＄ | 7，672 | \＄ | 5，338 | \＄ | 3，596 |
| Disability |  | 7，318 |  | 6，710 |  | 5，356 |  | 4，632 |  | 3，480 |  | 3，204 |  | 2，139 |  | 967 |  | 498 |  | 319 |
| Survivor |  | 3，504 |  | 2，619 |  | 1，702 |  | 1，289 |  | 929 |  | 720 |  | 493 |  | 339 |  | 207 |  | 144 |
| Refunds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Separations |  | 9，774 |  | 7，155 |  | 6，739 |  | 6，112 |  | 6，350 |  | 7，557 |  | 6，238 |  | 7，117 |  | 5，367 |  | 4，810 |
| Death |  | 1，440 |  | 1，026 |  | 4，208 |  | 1，111 |  | 1，289 |  | 438 |  | 877 |  | 648 |  | 353 |  | 314 |
| Total | \＄ | 89，367 |  | 70，057 |  | 57，105 |  | 43，838 | \＄ | 35，144 |  | 28，808 | \＄ | 21，548 |  | 16，743 | \＄ | 11，763 | \＄ | 9，183 |

\footnotetext{
Schedule of Benefit Expenses and Refunds by Type：WSPRS 1

| $\begin{aligned} & \text { ల్లे } \\ & \text { 饣్ల్ర } \end{aligned}$ | $\stackrel{\sim}{0}$ <br>  <br> $\infty$ | $\stackrel{\overline{5}}{\Gamma}$ | ㅊ | $1\left\|\begin{array}{c}\stackrel{\sim}{\circ} \\ \underset{\sim}{\sim} \\ \sim \\ \sim \\ \sim\end{array}\right\|$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { 䓂 } \\ & \text { O్ల } \end{aligned}$ | $\underset{\substack{\underset{\sim}{\sim} \\ \underset{\sim}{c}}}{\square}$ | $\stackrel{m}{6}$ | ® |  |
| $\begin{aligned} & \text { セ్రి } \\ & \text { ¢్ల్ర } \end{aligned}$ | $$ | $\stackrel{\circ}{\circ} \stackrel{\circ}{\text { ¢ }}$ | $\stackrel{\text { ² }}{\sim}$ |  |
| $\begin{aligned} & \text { O} \\ & \text { on } \\ & \text { N} \end{aligned}$ | $\stackrel{\circ}{0}$ $\stackrel{\circ}{\circ}$ $\infty$ |  | $\stackrel{\text { N }}{\sim}$ |  |
| 气 | $\begin{aligned} & \stackrel{\circ}{\underset{O}{+}} \\ & \stackrel{\sim}{\sim} \\ & \infty \end{aligned}$ | $\stackrel{\substack{\mathrm{N} \\ \underset{\sim}{2} \\ \hline}}{ }$ | N |  |
| $\begin{aligned} & \infty \\ & \stackrel{\infty}{2} \\ & \text { O} \end{aligned}$ | ® $\stackrel{-}{-}$ $\infty$ $\infty$ | $\begin{aligned} & \stackrel{0}{0} \\ & \stackrel{y}{i} \end{aligned}$ | $\stackrel{\circ}{\circ}$ | ｜$\left\|\begin{array}{c}\sim \\ \sim \\ \sim\end{array}\right\|$ |
| $\begin{aligned} & \text { or } \\ & \stackrel{\rightharpoonup}{\mathrm{M}} \\ & \text { On } \end{aligned}$ | $\begin{aligned} & \text { Mo } \\ & \stackrel{G}{-} \\ & \stackrel{y}{*} \end{aligned}$ | $\begin{aligned} & \text { os } \\ & \stackrel{0}{\sim} \end{aligned}$ | $\bigcirc$ | $\stackrel{\sim}{\stackrel{\sim}{r}}\left\|\begin{array}{c}\infty \\ \stackrel{\sim}{\sim} \\ \underset{\sim}{\sim} \\ \infty\end{array}\right\|$ |
| $\begin{aligned} & \text { 울 } \\ & \text { pen } \end{aligned}$ | $\begin{aligned} & \stackrel{\infty}{0} \\ & \stackrel{0}{0} \\ & \infty \\ & \infty \end{aligned}$ | $\frac{\bar{\sigma}}{5}$ | ¢ |  |


Schedule of Benefit Expenses and Refunds by Type: WSPRS Plan 2*


[^16]Deferred Compensation Program Status Report
(dollars in thousands)

|  | June 30, 2012 |  |  | June 30, 2011 |  |  | June 30, 2010 |  |  | June 30, 2009 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Plan <br> Balance | $\%$ |  | Plan Balance | \% |  | Plan <br> Balance | \% |  | Plan <br> Balance | \% |
| Funding Media |  |  |  |  |  |  |  |  |  |  |  |  |
| Active U.S. Core Stock Fund ${ }^{1}$ | \$ | \$ - | - | \$ | 238,087 | 8.11 | \$ | 192,558 | 7.87 | \$ | 180,558 | 8.34 |
| Active U.S. Value Stock Fund ${ }^{1}$ |  | - | - |  | 299,662 | 10.20 |  | 245,272 | 10.03 |  | 213,669 | 9.87 |
| Calvert Social Investment Fund - Balanced Portfolio |  | - | - |  | - | - |  | - | - |  | - | - |
| Emerging Market Equity Index² |  | 52,542 | 1.79 |  | - | - |  | - | - |  | - | - |
| Fidelity Equity - Income Fund |  | - | - |  | - | - |  | - | - |  | - | - |
| Fidelity Growth Company Fund ${ }^{1}$ |  | - | - |  | 366,490 | 12.48 |  | 268,855 | 10.99 |  | 224,090 | 10.35 |
| Fidelity Independence Fund ${ }^{3}$ |  | - | - |  | - | - |  | - | - |  | - | - |
| Fidelity Overseas Fund |  | - | - |  | - | - |  | - | - |  | - | - |
| Global Equity Index ${ }^{2}$ |  | 65,500 | 2.23 |  | - | - |  | - | - |  | - | - |
| International Stock Fund ${ }^{1}$ |  | - | - |  | 123,184 | 4.20 |  | 97,897 | 4.00 |  | 89,981 | 4.16 |
| Savings Pool |  | 1,045,569 | 35.66 |  | 1,013,313 | 34.51 |  | 959,255 | 39.21 |  | 954,969 | 44.10 |
| U.S. Large Cap Equity Index ${ }^{2}$ |  | 178,250 | 6.08 |  | - | - |  | - | - |  | - | - |
| U.S. Small Cap Equity Index² |  | 109,915 | 3.75 |  | - | - |  | - | - |  | - | - |
| U.S. Small Stock Index Fund ${ }^{1}$ |  | - | - |  | 116,776 | 3.98 |  | 77,248 | 3.16 |  | 52,854 | 2.44 |
| U.S. Stock Market Index Fund ${ }^{1}$ |  | - | - |  | 163,011 | 5.55 |  | 124,866 | 5.10 |  | 102,935 | 4.75 |
| Washington State Bond Fund ${ }^{3}$ |  | 267,316 | 9.12 |  | 179,032 | 6.10 |  | 178,187 | 7.28 |  | 134,101 | 6.19 |
| Washington State Long-Horizon Fund |  | - | - |  | - | - |  | - | - |  | - | - |
| Washington State Mid-Horizon Fund |  | - | - |  | - | - |  | - | - |  | - | - |
| Washington State Short-Horizon Fund |  | - | - |  | - | - |  | - | - |  | - | - |
| Washington State Socially Responsible Balanced Fund ${ }^{4}$ |  | 101,014 | 3.45 |  | 73,021 | 2.49 |  | 58,828 | 2.41 |  | 49,115 | 2.27 |
| 2000 Retirement Strategy ${ }^{5}$ |  | 24,435 | 0.83 |  | 6,312 | 0.21 |  | 3,973 | 0.16 |  | 3,458 | 0.16 |
| 2005 Retirement Strategy ${ }^{5}$ |  | 35,891 | 1.22 |  | 11,313 | 0.39 |  | 9,269 | 0.38 |  | 6,919 | 0.32 |
| 2010 Retirement Strategy ${ }^{5}$ |  | 115,133 | 3.93 |  | 48,294 | 1.64 |  | 38,435 | 1.57 |  | 29,057 | 1.34 |
| 2015 Retirement Strategy ${ }^{5}$ |  | 253,859 | 8.66 |  | 100,846 | 3.43 |  | 69,852 | 2.86 |  | 44,406 | 2.05 |
| 2020 Retirement Strategy ${ }^{5}$ |  | 256,143 | 8.74 |  | 81,120 | 2.76 |  | 51,674 | 2.11 |  | 34,220 | 1.58 |
| 2025 Retirement Strategy ${ }^{5}$ |  | 179,951 | 6.14 |  | 50,278 | 1.71 |  | 30,265 | 1.24 |  | 19,402 | 0.90 |
| 2030 Retirement Strategy ${ }^{5}$ |  | 114,916 | 3.92 |  | 29,300 | 1.00 |  | 17,133 | 0.70 |  | 10,986 | 0.51 |
| 2035 Retirement Strategy ${ }^{5}$ |  | 73,173 | 2.50 |  | 17,332 | 0.59 |  | 10,869 | 0.44 |  | 7,444 | 0.34 |
| 2040 Retirement Strategy ${ }^{5}$ |  | 35,038 | 1.19 |  | 10,251 | 0.35 |  | 6,417 | 0.26 |  | 4,163 | 0.19 |
| 2045 Retirement Strategy ${ }^{5}$ |  | 14,996 | 0.51 |  | 5,554 | 0.19 |  | 3,301 | 0.14 |  | 2,215 | 0.10 |
| 2050 Retirement Strategy ${ }^{5}$ |  | 4,355 | 0.15 |  | 2,228 | 0.08 |  | 1,491 | 0.06 |  | 882 | 0.04 |
| 2055 Retirement Strategy ${ }^{6}$ |  | 3,868 | 0.13 |  | 1,023 | 0.03 |  | 769 | 0.03 |  | - | - |
| TOTAL |  | 2,931,864 | $\underline{\underline{100.00}}$ |  | 2,936,427 | $\underline{\underline{100.00}}$ |  | 2,446,414 | $\underline{\underline{100.00}}$ | \$ | 2,165,424 | $\underline{\underline{100.00}}$ |

Chart continued on page 203
${ }^{1}$ This investment option was discontinued in October 2011.
${ }^{2}$ This investment option was added in October 2011.
${ }^{3}$ This fund replaced the Fidelity Intermediate Bond Fund as of September 1, 2000.
${ }^{4}$ This fund replaced the Calvert Social Investment Fund-Balanced Portfolio as of July 1, 2003.
${ }^{5}$ This investment option was added in October 2008.
${ }^{6}$ This investment option was added in January 2010.


## Deferred Compensation Program

Performance - Periods Ending June 30, 2012

| Fund Name Benchmark | Quarter Ending 6/30/12 | Performance History ${ }^{1}$ Average Annual Total Returns |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 Year | 3 Year | 5 Year | 10 Year/Since Inception |
| Emerging Market Equity Index Fund MSCI Emerging Markets Investable Market Index | $\begin{aligned} & (8.18) \% \\ & (8.79) \% \end{aligned}$ | ** | ** | ** | $\begin{aligned} & \text { 12.20\% } \\ & 12.02 \% \end{aligned}$ |
| Global Equity Index Fund MSCI ACWI Investable Market Index | $\begin{aligned} & (5.39) \% \\ & (5.68) \% \end{aligned}$ | ** | ** | ** | $\begin{aligned} & \text { 14.10\% } \\ & \text { 13.41\% } \end{aligned}$ |
| Savings Pool | 0.53\% | 2.36\% | 3.24\% | 3.81\% | 4.40\% |
| U.S. Large Cap Equity Index Fund S\&P 500 Index | $\begin{aligned} & (2.75) \% \\ & (2.75) \% \end{aligned}$ | $\begin{aligned} & 5.51 \% \\ & 5.45 \% \end{aligned}$ | $\begin{aligned} & \text { 16.54\% } \\ & 16.40 \% \end{aligned}$ | $\begin{gathered} 0.39 \% \\ 0.22 \% \end{gathered}$ | $\begin{aligned} & 5.45 \% \\ & 5.33 \% \end{aligned}$ |
| U.S. Small Cap Equity Index Fund Russell 2000 Value Index | $\begin{gathered} (2.96) \% \\ (3.01) \% \end{gathered}$ | $\begin{gathered} (2.38) \% \\ (1.44) \% \end{gathered}$ | $\begin{aligned} & \text { 17.10\% } \\ & \text { 17.43\% } \end{aligned}$ | $\begin{gathered} (1.14) \% \\ (1.05) \% \end{gathered}$ | $\begin{aligned} & 6.40 \% \\ & 6.50 \% \end{aligned}$ |
| Washington State Bond Fund Barclays Capital Intermediate Credit Index | $\begin{aligned} & 1.52 \% \\ & 1.53 \% \end{aligned}$ | $\begin{aligned} & 6.79 \% \\ & 6.23 \% \end{aligned}$ | $\begin{aligned} & 8.61 \% \\ & 8.40 \% \end{aligned}$ | $\begin{aligned} & 8.07 \% \\ & 6.79 \% \end{aligned}$ | $\begin{aligned} & 6.40 \% \\ & 5.90 \% \end{aligned}$ |
| Washington State Socially Responsible Balanced Fund Custom Benchmark ${ }^{2}$ | $\begin{gathered} (2.57) \% \\ (0.53) \% \end{gathered}$ | $\begin{aligned} & 3.84 \% \\ & 6.81 \% \end{aligned}$ | $\begin{aligned} & 11.72 \% \\ & 12.44 \% \end{aligned}$ | $\begin{aligned} & \text { 4.97\% } \\ & 3.61 \% \end{aligned}$ | $\begin{aligned} & 6.34 \% \\ & 5.87 \% \end{aligned}$ |
| 2000 Retirement Strategy 2000 Composite Benchmark² | $\begin{aligned} & (0.91) \% \\ & (0.36) \% \end{aligned}$ | $\begin{aligned} & \text { 1.55\% } \\ & \text { 2.22\% } \end{aligned}$ | $\begin{aligned} & \text { 10.03\% } \\ & 10.07 \% \end{aligned}$ | ** | $\begin{aligned} & 7.53 \% \\ & 6.74 \% \end{aligned}$ |
| 2005 Retirement Strategy 2005 Composite Benchmark² | $\begin{gathered} (1.56) \% \\ (0.89) \% \end{gathered}$ | $\begin{gathered} \mathbf{( 0 . 6 1 ) \%} \\ (1.56) \% \end{gathered}$ | $\begin{aligned} & \text { 10.87\% } \\ & 11.21 \% \end{aligned}$ | ** | $\begin{aligned} & 7.84 \% \\ & 7.11 \% \end{aligned}$ |
| 2010 Retirement Strategy 2010 Composite Benchmark² | $\begin{gathered} (\mathbf{2 . 2 1 ) \%} \\ (1.45) \% \end{gathered}$ | $\begin{gathered} (0.45) \% \\ (0.79) \% \end{gathered}$ | $\begin{aligned} & \text { 11.66\% } \\ & \text { 12.26\% } \end{aligned}$ | ** | $\begin{aligned} & 7.88 \% \\ & 7.44 \% \end{aligned}$ |
| 2015 Retirement Strategy 2015 Composite Benchmark² | $\begin{aligned} & (2.95) \% \\ & (2.02) \% \end{aligned}$ | $\begin{gathered} (1.79) \% \\ (0.21) \% \end{gathered}$ | $\begin{aligned} & \text { 11.67\% } \\ & \text { 12.50\% } \end{aligned}$ | ** | $\begin{aligned} & 7.62 \% \\ & 7.24 \% \end{aligned}$ |
| 2020 Retirement Strategy 2020 Composite Benchmark ${ }^{2}$ | $\begin{gathered} (3.57) \% \\ (2.59) \% \end{gathered}$ | $\begin{gathered} (3.07) \% \\ (1.37) \% \end{gathered}$ | $\begin{aligned} & \mathbf{1 1 . 5 5 \%} \\ & 12.60 \% \end{aligned}$ | ** | $\begin{aligned} & 7.16 \% \\ & 6.90 \% \end{aligned}$ |
| 2025 Retirement Strategy 2025 Composite Benchmark² | $\begin{aligned} & (4.14) \% \\ & (3.15) \% \end{aligned}$ | $\begin{gathered} (4.35) \% \\ (2.48) \% \end{gathered}$ | $\begin{aligned} & \text { 11.42\% } \\ & \text { 12.63\% } \end{aligned}$ | ** | $\begin{aligned} & 6.69 \% \\ & 6.56 \% \end{aligned}$ |
| 2030 Retirement Strategy 2030 Composite Benchmark² | $\begin{gathered} (4.74) \% \\ (3.67) \% \end{gathered}$ | $\begin{gathered} (5.24) \% \\ (3.30) \% \end{gathered}$ | $\begin{aligned} & \text { 10.95\% } \\ & \text { 12.33\% } \end{aligned}$ | ** | $\begin{aligned} & 6.08 \% \\ & 6.09 \% \end{aligned}$ |
| 2035 Retirement Strategy 2035 Composite Benchmark ${ }^{2}$ | $\begin{aligned} & (5.30) \% \\ & (4.16) \% \end{aligned}$ | $\begin{gathered} (6.17) \% \\ (4.09) \% \end{gathered}$ | $\begin{aligned} & \text { 10.39\% } \\ & 11.92 \% \end{aligned}$ | ** | $\begin{aligned} & \text { 5.37\% } \\ & 5.52 \% \end{aligned}$ |
| 2040 Retirement Strategy 2040 Composite Benchmark² | $\begin{gathered} (5.53) \% \\ (4.38) \% \end{gathered}$ | $\begin{aligned} & (6.40) \% \\ & (4.37) \% \end{aligned}$ | $\begin{aligned} & \text { 10.26\% } \\ & \text { 11.83\% } \end{aligned}$ | *** | $\begin{aligned} & 5.35 \% \\ & 5.45 \% \end{aligned}$ |
| 2045 Retirement Strategy 2045 Composite Benchmark² | $\begin{gathered} (5.59) \% \\ (4.38) \% \end{gathered}$ | $\begin{gathered} (6.47) \% \\ (4.37) \% \end{gathered}$ | $\begin{aligned} & \text { 10.24\% } \\ & 11.83 \% \end{aligned}$ | ** | $\begin{aligned} & 5.35 \% \\ & 5.45 \% \end{aligned}$ |
| 2050 Retirement Strategy 2050 Composite Benchmark² | $\begin{gathered} (5.51) \% \\ (4.38) \% \end{gathered}$ | $\begin{gathered} (6.38) \% \\ (4.37) \% \end{gathered}$ | $\begin{aligned} & \text { 10.30\% } \\ & \text { 11.83\% } \end{aligned}$ | ** | $\begin{aligned} & 5.39 \% \\ & 5.45 \% \end{aligned}$ |
| 2055 Retirement Strategy 2055 Composite Benchmark² | $\begin{gathered} (5.49) \% \\ (4.38) \% \end{gathered}$ | $\begin{gathered} (6.32) \% \\ (4.37) \% \end{gathered}$ | *** | ${ }_{* *}^{* *}$ | $\begin{aligned} & \text { 2.68\% } \\ & 4.81 \% \end{aligned}$ |
| ${ }^{* *}$ Data not available. These funds have not been in existence long enough to have performance history for these periods. <br> ${ }^{1}$ Current performance may be lower or higher than performance data shown. Performance data quoted represents past performance and is not a guarantee or prediction of future results. For performance data current to the most recent month-end, please visit www.drs.wa.gov/dcp. The investment return and principal value of an investment will fluctuate so that, when redeemed, shares/units may be worth more or less than their original cost. All returns are calculated in U.S. dollars. ${ }^{2}$ Estimated returns the portfolio would have earned using the return data from the various components. |  |  |  |  |  |

## Deferred Compensation Program

Net Investment Asset Growth
For the Years Ended June 30, 2003-2012



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[^0]:    The accompanying notes are an integral part of this statement.

[^1]:    The Schedules of Funding Progress, presented as Required Supplementary information (RSI) following the Notes to the Financial Statements, present multi-year trend information about whether the actuarial values of plan assets are increasing or decreasing over time relative to the AALs for benefits.

    Additional information as of the latest actuarial valuation follows:

[^2]:    *Approximately $50 \%$ of those eligible to retire with at least 20, but less than 30 years of service in Plan 3 elect to defer their benefits.

[^3]:    **LEOFF Plan 1 and WSPRS disability retirements are assumed to continue after service retirement eligibility, except for LEOFF Plan 1 members with more that 30 years.
    *** JRS assumes a $1 \%$ rate of disability at all ages after ten years of service.

[^4]:    $8,987,325$
    $\$ 8,649,235$
    $\stackrel{\circ}{\circ}$
    $\square$

    $$
    \begin{aligned}
    & \stackrel{\stackrel{\circ}{\mathrm{N}}}{\stackrel{-}{2}} \\
    & \text { ~웅 }
    \end{aligned}
    $$

[^5]:    ${ }^{1}$ ²Mvestment income reflects dividends, interest, realized capital gains and unrealized gains and losses.

[^6]:    
    
    
    $\stackrel{\stackrel{\circ}{\lambda}}{\stackrel{1}{~}}$
    $\leftrightarrow$
    
    
    $\stackrel{\circ}{\circ}$
    
    $\stackrel{\stackrel{\circ}{\circ}}{\stackrel{\circ}{+}}$
    
    
    
    
    $\frac{6,366,083}{\$ 6,640,693}$
    $5.1 \%$
    $1 /$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses.
    ${ }^{2}$ Miscellaneous additions include restorations of employee contributions.
    Fiduciary Net Position:
    Beginning of Year
    End of Year
    Employer Contributions: Pe
    

[^7]:    ${ }^{1}$ Investment income reflects dividends, interest, realized capital gains and unrealized gains and losses.

[^8]:    *1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
    4 - Beneficiary receives two-thirds of the monthly benefit for life.

[^9]:    *1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
    4 - Beneficiary receives two-thirds of the monthly benefit for life.

[^10]:    *1 - Retiree's lifetime, 2 - Beneficiary receives same monthly benefit for life, 3 - Beneficiary receives half of the monthly benefit for life,
    4 - Beneficiary receives two-thirds of the monthly benefit for life. "A" is the standard option, $100 \%$ joint and survivor, with additional benefits to eligible children.
    ** Joint and survivor options are available for post-retirement marriages.

[^11]:    *A - Standard option "A", $100 \%$ joint and survivor, with initial pension equal to the lesser of $50 \%$ AFC and $100 \%$ member's accrued benefit,
    B - Option " $B$ ", $100 \%$ joint and survivor, with initial pension being the actuarial equivalent of the single life annuity.
    **This option is available for post retirement marriages.

[^12]:    Retirees with missing or invalid data elements were excluded.
    *At retirement (may not be audited)
    Source: Washington State Office of the State Actuary

[^13]:    Retirees with missing or invalid data elements were excluded.
    *At retirement (may not be audited)
    Source: Washington State Office of the State Actuary

[^14]:    Schedule of Benefit Expenses and Refunds by Type: SERS Plan 2/3
    
    
    
    
    
    
    (expressed in thousands)

[^15]:    Schedule of Benefit Expenses and Refunds by Type: PSERS Plan 2*

    | 6/30/10 | 6/30/09 |  | 6/30/08 |  | 6/30/07 |  | 6/30/06 |  | 6/30/05 |  | 6/30/04 |  | 6/30/03 |  |
    | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
    | 14 | \$ | 1 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
    | 3 |  | 4 |  | - |  | - |  | - |  | - |  | - |  | - |
    | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
    | 895 |  | 450 |  | 151 |  | 22 |  | - |  | - |  | - |  | - |
    | 33 |  | 16 |  | 1 |  | 1 |  | - |  | - |  | - |  | - |
    | 945 | \$ | 471 | \$ | 152 | \$ | 23 | \$ | - | \$ | - | \$ | - | \$ | - |

    
    *PSERS Plan 2 became effective July $1,2006$.

[^16]:    

