# Oregon Public Employees Retirement System An Agency of the State of Oregon 

# Comprehensive Annual Financial Report 

For the Fiscal Year Ended June 30, 2009

Paul R. Cleary Executive Director

Jon E. DuFrene Chief Financial Officer

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## Introductory Section



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December 18, 2009
Public Employees Retirement Board
Oregon Public Employees Retirement System
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Tigard, Oregon 97223
We are pleased to submit the Comprehensive Annual Financial Report (CAFR) of the Oregon Public Employees Retirement System (PERS or "the System") for the fiscal year ended June 30, 2009. This report includes all funds over which the Public Employees Retirement Board (Board) exercises authority. These funds were established to provide retirement, death, and disability benefits to members; administer retiree health insurance programs; and oversee the statesponsored deferred compensation program. As of June 30, 2009, PERS provided services to more than 320,000 members, beneficiaries, and retirees and to 885 employers.

The CAFR is intended to fulfill the legal requirements of Oregon Revised Statute (ORS) 238.630(2)(e). PERS management is responsible for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures.

The Secretary of State Audits Division has audited the accompanying financial statements in accordance with generally accepted auditing standards, and their opinion is included in this report.

## Management's Discussion and Analysis

Management's Discussion and Analysis (MD\&A) provides a narrative introduction, overview, and analysis to accompany the basic financial statements. This letter of transmittal is designed to complement MD\&A and should be read in conjunction with it. We would like to direct your attention to MD\&A, which begins on page 12 .

## Economic Condition and Major Initiatives

Along with pension funds everywhere, the economic condition of PERS worsened significantly this year due to global market declines. A comparative analysis of investment rates of return is presented on page 53 of this report.

## Major Initiatives

## Information Integrity

Member contributions and service time data must be validated, corrected, and completed for accurate benefit calculations and payments. The goal is to resolve any invalid, incorrect, or incomplete data as early as possible in a member's career, and certainly before the member makes an irrevocable retirement decision. Resolving information integrity issues is also crucial for the agency to meet its Key Performance Measures on timely retirement benefit payment inceptions. Although statute allows 92 days to begin the first retirement payment, PERS is working to begin the first payment on 80 percent of new retirements within 45 days of the member's retirement date. This goal will be supported by continuing two initiatives: strengthen the data validation process at the point of data entry and resolve key data exceptions and issues by exposing data to members and employers on a regular basis.

## Customer Satisfaction Survey

Our member, retiree, and employer customer satisfaction survey conducted in fiscal year 2009 shows overall improvement from 2008, continuing the positive trend of year-to-year improvement over the four-year survey period.

## Strunk/Eugene Project

Based on the 2005 Oregon Supreme Court decision in the Strunk v. PERS case and the settlement agreement in the City of Eugene v. PERS case, PERS was required to:

- credit Tier One accounts with the assumed earnings rate, currently 8 percent, for 2003 and 2004;
- credit any withheld cost-of-living adjustments to members who retired between April 2000 and April 2004; and
- reallocate 1999 earnings to Tier One member regular accounts at 11.33 percent instead of 20 percent.

The Strunk/Eugene project completed these adjustments in fiscal year 2009 through closing out the Payment Recipient Adjustments phase.

The Payment Recipient Adjustments phase entailed recalculating benefits for payment recipients affected by the Strunk decision and Eugene settlement agreement. In some cases, PERS owes the recipient additional funds, while in other cases the recipient owes PERS funds. PERS completed these adjustments as scheduled before June 30, 2009.

## Oregon Retirement Information On-line Network (ORION)

PERS staff continued its efforts in a five-year project to replace the Retirement Information Management System (RIMS). The new line of business application (ORION) successfully implemented functionality for member account maintenance in June 2009. The conversion of benefit payment functionality from RIMS to ORION is expected to be completed by summer 2010 .

## Financial Information

The financial information contained in this document is presented in conformance with reporting requirements of the Governmental Accounting Standards Board (GASB) Statements 25 (defined benefit pension plans), 50 (pension disclosures), 43 (postemployment healthcare plans), and 32 (deferred compensation plans).

## Internal Controls

Management is responsible for establishing and maintaining a system of internal controls to protect PERS assets from loss, theft, or misuse and to ensure adequate accounting data is compiled for the preparation of financial statements in conformity with generally accepted accounting principles. This internal control system provides reasonable, but not absolute, assurance that these objectives are met.

## Funding

Member contributions are set by statute at 6.0 to 7.0 percent of covered salary. Employer contributions have been established by actuarial valuations conducted biennially in odd-numbered calendar years. PERS' funding objective is to meet long-term benefit promises through contributions that fund benefits as they accrue. An adequate contribution level, when combined with investment earnings, will result in the full funding of benefits as they come due. If the level of funding is adequate, the ratio of assets accumulated to total liabilities will increase, and more income will be available for investment. Prudent investment of assets and returns on those investments should increase the funding base and allow for a more stable employer contribution rate. As of the December 31, 2008 actuarial valuation, PERS has a funded ratio of 80.2 percent for the defined benefit plan it administers (see page 39).

## Investments

The Oregon Investment Council (OIC) has statutory authority (ORS 293.701) to establish policies for the investment and reinvestment of PERS funds. OIC's primary investment objective is to make PERS investment funds as productive as possible. At the same time, OIC acts as a prudent investor in the management of the PERS portfolio.

An integral part of investment policy is the strategic asset allocation policy. The target investment portfolio mix at fair value as of June 30,2009 , is 46 percent public equity, 16 percent private equity, 27 percent debt securities, and 11 percent real estate. In addition to approved asset classes, target asset allocation ranges, and rebalancing policies, other safeguards on investments include the use of an independent custodian, defined limits of delegated authority, and independent audits. The System's investment outlook is long-term allowing the portfolio to take advantage of the favorable risk-return characteristics of equities by placing more emphasis on this category. OIC primarily uses external portfolio managers employing both passive (indexed) and active strategies. The portfolio is broadly diversified among equities, debt securities, real estate, and private equities, with additional diversification achieved through domestic and international investing. PERS securities are held by a custodian, State Street Bank and Trust Company.

PERS' investment portfolio suffered negative returns in fiscal 2009 with a rate of return of -22.3 percent. This compares with -3.8 percent for fiscal 2008. The fund's trailing five-year return was 2.9 percent, 5.1 percent lower than the System's actuarial assumed rate of 8.0 percent.

Descriptions of specific OIC policies regarding diversification, performance objectives, fees, and asset allocation are found on pages 50 through 56.

## Awards and Acknowledgements

## Certificate of Achievement

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to PERS for its Comprehensive Annual Financial Report (CAFR) for the fiscal year ended June 30, 2008. The Certificate of Achievement is a prestigious national award that recognizes conformance with the highest standards of preparation of state and local government financial reports.

To be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized CAFR, whose contents conform to program standards. The CAFR must satisfy both generally accepted accounting

## Oregon Public Employees Retirement System

principles and applicable legal requirements.
A Certificate of Achievement is valid for one year only. PERS has received a Certificate of Achievement for the last 18 consecutive years. We believe our current report continues to conform to the Certificate of Achievement program requirements, and we are submitting it to the GFOA.

## Public Pension Standards Award

The Public Pension Coordinating Council (PPCC) awarded the 2009 Public Pension Standards Award to PERS for its plan design and administration.

The PPCC is a coalition of three associations representing public pension funds that cover the vast majority of publice employees in the United States. The associations are: the National Association of State Retirement Administrators (NASRA), the National Conference on Public Employee Retirement Systems (NCPERS), and the National Council on Teacher Retirement (NCTR). Public pension standards are intended to reflect minimum expectations for public retirement system management and administration and to serve as benchmarks by which all defined benefit public plans are masure.

This is the seventh year the PPCC has offered the award to public retirement systems and the sixth consecutive year PERS has applied for and received the award.

## Plan of the Year Finalist

Every year PLANSPONSOR magazine chooses deferred compensation plans in four different categories for a Plan of the Year award. This year the Oregon Savings Growth Plan (OSGP) was one of three finalists in the public sector category.

Editor-in-Chief Nevin E. Adams is quoted in PLANSPONSOR as saying, "With demonstrable results, each of the plan sponsors, in unique and quantifiable ways, has distinguished itself by making a consistent and thoughtful commitment to its workers and their retirement security. We are pleased once again to be able to acknowledge a true diversity of contributions and leadership at this critical time."

PLANSPONSOR magazine is the industry's leading resource for pension- and benefits-related news, so this is quite an honor for OSGP. Says OSGP Manager Gay Lynn Bath, "The staff at OSGP goes above and beyond expectations to offer great customer service to its participants, and I think that is what makes our plan outstanding in the industry."

## Acknowledgments

PERS intends to provide complete and reliable information as a basis for making management decisions, to demonstrate responsible stewardship of assets contributed by members and their employers, and to comply with legal provisions. The compilation of this report reflects the combined efforts of the PERS staff.

This report is available on the PERS website at http://oregon.gov/pers, and a link to this document will be e-mailed to all PERS employers. Summary financial information and the website link will be reported in the PERS newsletter, Perspectives, which is distributed to active and retired members.

The cooperation of PERS employers contributes significantly to PERS' success and is greatly appreciated. We would also like to express our gratitude to the PERS Board and staff, the OIC, the Office of the State Treasurer staff, the advisors and consultants, and the many other people who work so diligently to ensure the successful operation of PERS.

Respectfully submitted,


Paul R. Clary
Executive Director


Jon E. DuFrene Chief Financial Officer

## Public Employees Retirement Board

The Oregon Legislature has delegated authority to the PERS Board of Trustees to administer the System. The Board is comprised of five trustees who administer retirement (service and disability), death, and retiree health insurance benefits. PERS also administers the Oregon Savings Growth Plan, a deferred compensation program for state and local government employees.

All members of the Board are appointed by the governor and confirmed by the state Senate. The governor designates the chairperson.

One member must be a public employer manager or a local elected official, one member must be a union-represented public employee, and three members must have experience in business management, pension management, or investing.

The three Board members representing business management, pension management, or investing are James Dalton, Eva Kripalani, and Michael Pittman. Thomas Grimsley was appointed to represent public employees, and Brenda Rocklin was appointed to represent public employers. Dalton is Board chair; Grimsley is vice chair.

The current term for each member began September 1, 2003, with staggered expiration dates.

## James Dalton (chair)

James Dalton was a senior vice president of Tektronix, Inc., a leading test and measurement technology company. He retired in 2008 after Tektronix was acquired by Danaher Corporation. He was a past member of the board of directors of RadiSys Corporation and the Multnomah County Library Foundation. Dalton received his bachelor's degree in economics from the University of Massachusetts and his J.D. from Boston College Law School.

## Thomas Grimsley (vice chair)

Thomas Grimsley has taught in the Bethel School District \#52 in Eugene since 1982 and was a contract negotiator for the Bethel teachers' last five labor contracts. He has served as a member of Bethel's Joint Benefits and Insurance committee for the past 20 years and as vice president of Eugene's Education Association for the past 12 years. He taught in the Rogue River School District from 1979 to 1981 and in two high schools in San Jose, California, from 1977 to 1978. Grimsley received his bachelor's degree in music and his teaching credential in music, speech, English, and drama from California State University Chico in 1977. He completed his math endorsement at Lane Community College and the University of Oregon in 1990.

## Eva Kripalani

Eva Kripalani serves on the board of directors of the Portland State University Foundation, the board of advisors for Willamette University College of Law, and the board of directors of Metropolitan Family Service. Until August 2007, she served as the executive vice president and general counsel of Knowledge Learning Corporation and served as senior vice president, general counsel, and corporate secretary for KinderCare Learning Centers, Inc. since 1997. Prior to joining KinderCare, Kripalani was a partner in the law firm of Stoel Rives LLP in Portland, Oregon, where she had practiced since 1987, primarily in corporate and securities law, mergers, and acquisitions. She graduated from Portland State University with a bachelor's degree in finance law in 1983 and received her J.D. from Willamette University College of Law in 1986.

## Michael Pittman

Michael Pittman has approximately 20 years experience in the human resource and employee benefits field. He has served in senior corporate human resource roles, which have included responsibilities for pensions in the United States and the United Kingdom. Currently, he is providing consulting services in the general business/human resources field. Pittman received his bachelor's degree in environmental health in 1975 and his master's degree in environmental health in 1982. He earned both degrees at the University of Washington.

## Brenda Rocklin

Brenda Rocklin is the president and chief executive officer of the State Accident Insurance Fund (SAIF) Corporation. Before SAIF, she served as director of the Oregon Lottery. Rocklin was an assistant attorney general in the Oregon Department of Justice (DOJ) from 1984 to 2002, where she worked in administration, the Appellate Division, the Criminal Justice Division, and the Civil Enforcement Division. Before joining DOJ, Rocklin was a deputy district attorney in Umatilla County from 1981 to 1983. Rocklin received her bachelor's degree in journalism from Idaho State University in 1978 and her J.D. at the Willamette University College of Law in 1981.

## Oregon Public Employees Retirement System

Public Employees Retirement System Organizational Chart

Public Employees Retirement Board


## Public Employees Retirement System Consultants

## Actuary

Mercer Human Resource Consulting, LLC

## Legal Counsel

Oregon Department of Justice
Orrick Herrington \& Sutcliffe LLP
Ice Miller®

## Insurance Consultant

Butler Partners \& Associates

## Medical Advisor

F. William Miller, MD

## Technology

EDS, an HP Company
Provaliant, Inc.

## Auditor

Secretary of State Audits Division

# Certificate of Achievement for Excellence in Financial Reporting 

Presented to

# Oregon Public Employees <br> Retirement System 

For its Comprehensive Annual<br>Financial Report<br>for the Fiscal Year Ended<br>June 30, 2008

## A Certificate of Achievement for Excellence in Financial

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


Public Pension Coordinating Council

## Public Pension Standards Award For Funding and Administration 2009

Presented to

# Oregon Public Employees Retirement System 

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

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


Alan H. Winkle
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The Honorable Theodore R. Kulongoski
Governor of Oregon
Public Employees Retirement Board
Oregon Public Employees Retirement System

## INDEPENDENT AUDITOR'S REPORT

We have audited the accompanying financial statements of the Oregon Public Employees Retirement System (system) as of and for the year ended June 30, 2009, as listed in the table of contents. These financial statements are the responsibility of the system's management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

As discussed in Note 4, the financial statements of the system are intended to present the financial position, and changes in the financial position of only the system. They do not purport to, and do not, present fairly the financial position of the State of Oregon as of June 30, 2009, and the changes in its financial position for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the system as of June 30, 2009, and the changes in financial position for the year then ended in conformity with accounting principles generally accepted in the United States of America.

As explained in Note Disclosure 2D, the financial statements include investments valued at $\$ 12.4$ billion ( 26.9 percent of net assets), whose fair values have been estimated by management in the absence of readily determinable fair values. These investments consist of 100 percent of
private equity, 36 percent of opportunity, and 82 percent of real estate reported investment balances. Management's estimates are based on information provided by the fund managers or the general partners. Our opinion is not qualified with respect to this matter.

In accordance with Government Auditing Standards, we have also issued our report dated December 18, 2009 on our consideration of the system's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be considered in assessing the results of our audit.

The management's discussion and analysis and the required supplementary information as listed in the table of contents are not a required part of the basic financial statements but are supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the system's basic financial statements. The accompanying supporting schedules, and the introductory, investment, actuarial, and statistical sections are presented for purposes of additional analysis and are not a required part of the basic financial statements. The supporting schedules, as listed in the table of contents, have been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole. The introductory, investment, actuarial, and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on them.

## OREGON AUDITS DIVISION



Kate Brown
Oregon Secretary of State

December 18, 2009

## Oregon Public Employees Retirement System

## MANAGEMENT'S DISCUSSION AND ANALYSIS

This section presents management's discussion and analysis of the Oregon Public Employees Retirement System's (PERS or "the System") financial performance during the fiscal year that ended on June 30, 2009. Please read it in conjunction with the transmittal letter on pages 2 through 4 and the financial statements.

## OVERVIEW OF THE FINANCIAL STATEMENTS AND ACCOMPANYING INFORMATION

1. Basic Financial Statements

The System presents financial statements as of June 30, 2009, prepared on a full accrual basis. They are:
a. Statements of Fiduciary Net Assets for Pension and Other Postemployment Benefits
b. Statements of Changes in Fiduciary Net Assets for Pension and Other Postemployment Benefits
c. Notes to the Financial Statements
2. Required Supplementary Information

The required supplementary information consists of:
a. Schedules of Funding Progress for Pension and Other Postemployment Benefits
b. Schedules of Employer Contributions for Pension and Other Postemployment Benefits
c. Notes to the Required Supplementary Information
3. Other Supplementary Schedules

The other supplementary schedules consist of:
a. Combining schedules showing the detailed components of the Defined Benefit Pension Plan
b. Schedules that include detailed information on administrative expenses incurred by the System and a summary of investment fees, commissions, and expenses

The basic financial statements contained in this CAFR are described below:

- The Statements of Fiduciary Net Assets show a point-in-time snapshot of account balances at fiscal year-end. They report the assets available for future benefit payments and any current liabilities as of the statement date. The liabilities do not include the actuarial value of future benefits. Net Assets (Assets - Liabilities $=$ Net Assets) represent the value of assets held in trust for payment of benefits.
- The Statements of Changes in Fiduciary Net Assets show the sources and uses of funds during the fiscal year, where Additions - Deductions $=$ Net Increase (or Decrease) in Net Assets. This Net

Increase (or Decrease) in Net Assets illustrates the change in net assets as reported in the Statements of Fiduciary Net Assets from the prior year to the current year.
The financial statements are prepared based on an economic resources focus and accrual basis of accounting in accordance with Governmental Accounting Standards Board (GASB) pronouncements. The provision of objective, consistent, and comparable information about operating costs requires a measurement focus on economic resource flows. It also requires use of the accrual basis of accounting, which recognizes economic transactions and other events when they occur rather than only when the related inflows and outflows of cash or other financial resources occur. Acquired but unused goods and services are reported as assets until they are used, thus giving important information about resources already acquired that can be used to provide future services.

- The notes to the financial statements, beginning on page 24 , are an integral part of the financial statements and include additional detailed information and schedules to provide a better understanding of the financial statements. Information in the notes discloses the System's organization, benefits and contributions, how asset values are determined, and contingencies and commitments.
In addition to the financial statements explained above, this CAFR includes two additional Required Supplementary Information schedules with historical trend information.
- The Schedules of Funding Progress, page 39, contain actuarial information about the status of the plan from an ongoing, long-term perspective, showing whether there are sufficient assets to pay pension and postemployment benefits when due. Valuation Assets in excess of Actuarial Liabilities indicate that sufficient assets have been accumulated as of the valuation date to fund the future benefits of current members and retirees.
- The Schedules of Employer Contributions, page 40, contain historical trend information regarding the value of the total annual contributions employers must pay and the actual contributions made to meet this requirement.
- The Notes to the Required Supplementary Information, page 41, provide background information and explanatory detail to help understand the required supplementary schedules.
The Schedule of Plan Net Assets and Schedule of Changes in Plan Net Assets, pages 42 through 43, display the components of the defined benefit plan.
The Schedule of Administrative Expenses and Schedule of Payments to Consultants and Contractors on page 44 show the costs of managing the System. The Summary
of Investment Fees, Commissions, and Expenses on page 45 provides the detail of investment-related expenses included in the line item Investment Expense reported in the Statements of Changes in Fiduciary Net Assets.


## FINANCIAL HIGHLIGHTS

- PERS' assets exceed its liabilities at the close of fiscal year 2009, with $\$ 46,020.2$ million held in trust for pension, Oregon Public Service Retirement Plan Individual Account Program (IAP), other postemployment benefits, other benefits, and deferred compensation benefits.
- During the fiscal year financial markets as a whole declined significantly in what has been described as the second worst recession in history. PERS' investment portfolio incurred significant losses as reported in the accompanying financial statements. Fiduciary net assets decreased by $\$ 15,389.5$ million, or 25.1 percent, during the fiscal year due to declines in financial markets.
- PERS' funding objective is to meet long-term benefit obligations. As of December 31, 2008, the date of the latest actuarial valuation, the funded ratio of the defined benefit pension plan was 80.2 percent. In general, this means that for every dollar of pension benefits due, PERS has approximately $\$ 0.80$ of net assets available for payment.
- Revenues (additions to fiduciary net assets) for fiscal year 2009 fell 719.7 percent to $(\$ 12,285.0)$ million, which includes member and employer contributions of $\$ 1,367.0$ million and net losses from investment activities totaling ( $\$ 13,706.6$ ) million.
- Expenses (deductions from fiduciary net assets) were flat, increasing only slightly from $\$ 3,100.9$ million in fiscal year 2008 to $\$ 3,104.5$ million in fiscal year 2009.


## FIDUCIARY NET ASSETS

The condensed comparative summaries of Fiduciary Net Assets on pages 13 and 14 demonstrate that the pension trust funds are primarily focused on investments and net assets (reserves).

- Declining financial markets produced negative returns on PERS investments for the second consecutive year. The net assets of the defined benefit pension plan decreased approximately $\$ 15,105.5$ million, or 26.0 percent, during the year ended June 30, 2009.
- The net assets of the OPSRP IAP decreased approximately $\$ 115.2$ million, or 5.2 percent, during the year ended June 30, 2009, as investment losses far exceeded member contributions.
- The net assets of the deferred compensation plan decreased approximately $\$ 115.0$ million, or 12.5 percent, during the year ended June 30, 2009, primarily due to negative investment returns.
- The net assets of the Retirement Health Insurance Account decreased approximately $\$ 52.7$ million, or 22.2 percent, during the year ended June 30, 2009, due to decreases in investment income and increases in healthcare premium subsidies.
- The net assets of the Retiree Health Insurance Premium Account decreased approximately \$1.6 million, or 22.0 percent, during the year ended June 30, 2009, due to decreases in investment income.
- The net assets of the Standard Retiree Health Insurance Account increased approximately \$0.5 million, or 6.3 percent during the year ended June 30, 2009, due to increases in member contributions.

TABLE 1

## FIDUCIARY NET ASSETS, PENSION

 (in thousands) As of June 30:|  | Defined Benefit Pension Plan |  |  |  | Individual Account Program |  |  |  | Deferred Compensation Plan |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 |  | 2008 |  | 2009 |  | 2008 |  | 2009 |  | 2008 |  |
| Cash and Receivables | \$ | 2,054,084 | \$ | 3,856,796 | \$ | 152,248 | \$ | 200,288 | \$ | 7,147 | \$ | 5,393 |
| Investments at Fair Value |  | 42,571,031 |  | 57,795,860 |  | 2,029,498 |  | 2,154,727 |  | 801,224 |  | 918,448 |
| Securities Lending Collateral |  | 4,366,169 |  | 4,463,278 |  | 214,644 |  | 189,545 |  | 121 |  | 1,073 |
| Other |  | 22,045 |  | 13,557 |  | 997 |  | 593 |  | - |  | - |
| Total Assets |  | 49,013,329 |  | 66,129,491 |  | 2,397,387 |  | 2,545,153 |  | 808,492 |  | 924,914 |
| Investment Purchases |  | 1,541,843 |  | 3,297,470 |  | 62,939 |  | 116,077 |  | 214 |  | 298 |
| Securities Lending Payable |  | 4,366,169 |  | 4,463,278 |  | 214,644 |  | 189,545 |  | 121 |  | 1,073 |
| Other Payables |  | 200,508 |  | 358,451 |  | 10,695 |  | 15,261 |  | 551 |  | 891 |
| Total Liabilities |  | 6,108,520 |  | 8,119,199 |  | 288,278 |  | 320,883 |  | 886 |  | 2,262 |
| Total Net Assets | \$ | 42,904,809 | \$ | 58,010,292 | \$ | 2,109,109 | \$ | 2,224,270 | \$ | 807,606 | \$ | 922,652 |

## TABLE 2

## FIDUCIARY NET ASSETS, OPEB (in thousands) As of June 30:

|  | Retirement Health Insurance Account |  |  |  | Retiree Health Insurance Premium Account |  |  |  | Standard Retiree Health Insurance Account |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 |  | 2008 |  | 2009 |  | 2008 |  | 2009 |  | 2008 |  |
| Cash and Receivables | \$ | 11,535 | \$ | 18,708 | \$ | 447 | \$ | 646 | \$ | 7,936 | \$ | 7,466 |
| Investments at Fair Value |  | 179,474 |  | 232,706 |  | 5,466 |  | 7,115 |  | - |  | - |
| Securities Lending Collateral |  | 18,883 |  | 19,451 |  | 583 |  | 640 |  | 551 |  | 3,873 |
| Other |  | 49 |  | 7 |  | 1 |  | - |  | - |  | - |
| Total Assets |  | 209,941 |  | 270,872 |  | 6,497 |  | 8,401 |  | 8,487 |  | 11,339 |
| Investment Purchases |  | 5,539 |  | 12,514 |  | 169 |  | 382 |  | - |  | 21 |
| Securities Lending Payable |  | 18,883 |  | 19,451 |  | 583 |  | 640 |  | 551 |  | 3,873 |
| Other Payables |  | 473 |  | 1,174 |  | 26 |  | 44 |  | 50 |  | 28 |
| Total Liabilities |  | 24,895 |  | 33,139 |  | 778 |  | 1,066 |  | 601 |  | 3,922 |
| Total Net Assets | \$ | 185,046 | \$ | 237,733 | \$ | 5,719 | \$ | 7,335 | \$ | 7,886 | \$ | 7,417 |

## CHANGES IN FIDUCIARY NET ASSETS <br> Revenues - Additions to Fiduciary Net Assets

Additions to Fiduciary Net Assets needed to finance retirement benefits are accumulated through the collection of employer and member contributions and through investment income.

- Member contributions to the defined benefit pension plan decreased $\$ 3.5$ million, or 29.2 percent, from fiscal year 2008 to fiscal year 2009, due to decreases in service credit purchases and contributions attributable to prior years.
- Member contributions to the IAP increased $\$ 30.4$ million, or 6.5 percent, due to employee salary increases and an increase in eligible employees during the year.
- Member contributions to the Standard Retiree Healthcare account increased 11.0 percent from $\$ 104.0$ million in fiscal year 2008 to $\$ 115.4$ million in fiscal year 2009, due to increases in healthcare costs.
- Member contributions to the deferred compensation plan declined 5.3 percent, from $\$ 70.4$ million in fiscal year 2008 to $\$ 66.7$ million in fiscal 2009. Although active membership increased slightly from 19,479 to 19,579 during the year, participants reduced voluntary contributions in the wake of the economic meltdown.
- Employer contributions to the defined benefit pension plan decreased $\$ 113.5$ million, or 14.9 percent, in fiscal year 2009 due to decreases in unfunded actuarial liability (UAL) payments. There were $\$ 159.0$ million in UAL payments in fiscal 2008 and none in fiscal 2009.
- Employer contributions to the Retirement Health Insurance Account increased $\$ 1.0$ million, or 3.7 percent, compared to fiscal year 2008 due to increases in the salaries on which contributions are based.
- Employer contributions to the Retiree Health Insurance Premium Account increased \$0.2 million, or 11.9 percent, compared to fiscal year 2008 due to increases in the salaries on which contributions are based.
- Net investment and other income in the defined benefit pension plan was ( $\$ 12,903.2$ ) million, a $\$ 10,098.5$ million decrease, or 360.1 percent, from the fiscal year 2008 loss of $(\$ 2,804.7)$ million, due to a severe decline in financial markets.
- Net investment and other income in the IAP was ( $\$ 553.1$ ) million in fiscal 2009, a 913.2 percent decrease from fiscal 2008 net investment and other income of (\$54.6) million, due to a severe decline in financial markets.
- Net investment and other income in the Retirement Health Insurance Account was ( $\$ 52.3$ ) million, a $\$ 42.0$ million decrease, or 410.2 percent, from the fiscal year 2008 loss of ( $\$ 10.2$ ) million. Weak investment returns were responsible for this significant decrease.
- Net investment and other income in the Retiree Health Insurance Premium Account was (\$1.6) million, a $\$ 1.3$ million decrease, or 404.7 percent, from the fiscal year 2008 loss of ( $\$ 0.3$ ) million. Investment losses were responsible for the decrease.
- Net investment and other income in the Standard Retiree Health Insurance Account was $\$ 0.3$ million, a $\$ 0.2$ million decrease, or 43.8 percent,
over fiscal year 2008 income of $\$ 0.5$ million, due to falling interest rates.
- Net investment and other income in the deferred compensation plan was ( $\$ 142.1$ ) million, a $\$ 68.1$ million, or 91.9 percent, decrease from the fiscal year 2008 loss of (\$74.0) million. Losses in investment market valuation caused the decrease.


## Expenses - Deductions from Fiduciary Net Assets

Benefit payments, refunds of contributions by members who terminate employment, health insurance premium subsidies, deferred compensation payments, and administrative costs comprise the System's expenses.

- Pension benefit and other payments from the defined benefit pension plan increased by $\$ 8.4$ million, or 0.3 percent. An increase in service retirements during the year combined with lower annuity payments from the variable account produced a slight net increase in benefit payments.
- IAP benefit and other payments decreased $\$ 5.4$ million, or 8.5 percent. Accounts withdrawn were lower due to negative earnings for the year.
- Deferred compensation benefit and other payments decreased from $\$ 51.2$ million in fiscal 2008 to $\$ 39.7$ million in fiscal 2009 ( 22.5 percent).

Benefit payments were lower due to investment losses.

- Retirement Health Insurance Account benefit and other payments increased $\$ 0.7$ million, or 2.4 percent, from prior year expenses due to increases in premium payments.
- Retiree Health Insurance Premium Account benefit payments were flat compared to prior year payments as the number of retirees enrolled in the program remained the same.
- Standard Retiree Health Insurance Account healthcare and other payments increased \$11.4 million, or 11.0 percent, over prior year payments due to increases in healthcare costs.

The tables below and on page 16 show condensed comparative summaries of the changes in fiduciary net assets and reflect the activities of the plans administered by the System.

TABLE 3
CHANGES IN FIDUCIARY NET ASSETS, PENSION (in thousands) For the Years Ending June 30:

|  | Defined Benefit Pension Plan |  |  |  | Individual Account Program |  |  |  | Deferred Compensation Plan |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 |  | 2008 |  | 2009 |  | 2008 |  | 2009 |  | 2008 |  |
| Additions: |  |  |  |  |  |  |  |  |  |  |  |  |
| Member Contributions | \$ | 8,452 | \$ | 11,937 | \$ | 495,934 | \$ | 465,517 | \$ | 66,728 | \$ | 70,449 |
| Employer Contributions |  | 649,707 |  | 763,165 |  | - |  | - |  | - |  | - |
| Net Investment and Other Income (Loss) |  | $(12,903,221)$ |  | (2,804,736) |  | $(553,147)$ |  | $(54,596)$ |  | $(142,100)$ |  | $(74,031)$ |
| Total Additions | \$ | (12,245,062) |  | $(2,029,634)$ |  | $(57,213)$ |  | 410,921 |  | $(75,372)$ |  | $(3,582)$ |


| Deductions: |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pension Benefits |  | 2,789,306 |  | 2,756,873 |  | 49,535 |  | 55,478 |  | 38,858 |  | 50,366 |
| Other |  | 71,115 |  | 95,144 |  | 8,413 |  | 7,871 |  | 816 |  | 801 |
| Total Deductions |  | 2,860,421 |  | 2,852,017 |  | 57,948 |  | 63,349 |  | 39,674 |  | 51,167 |
| Net Increase (Decrease) | \$ | $(15,105,483)$ | \$ | $(4,881,651)$ | \$ | $(115,161)$ | \$ | 347,572 | \$ | $(115,046)$ | \$ | $(54,749)$ |

## Oregon Public Employees Retirement System

## TABLE 4

## CHANGES IN FIDUCIARY NET ASSETS, OPEB (in thousands) For the Years Ending June 30:

| Retirement Health Insurance <br> Account | Retiree Health Insurance Premium <br> Account | Standard Retiree Health <br> Insurance Account <br> 2009 2008 | 2009 |
| :---: | :---: | :---: | :---: |

Additions:

| Member Contributions | $\$$ | - | $\$$ | - | $\$$ | - | $\$$ | - |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

Deductions:

| OPEB Benefits |  | 28,263 |  | 27,624 |  | 1,926 |  | 1,906 | 113,075 |  |  | 101,781 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other |  | 958 |  | 900 |  | 116 |  | 105 |  | ,150 |  | 2,021 |
| Total Deductions |  | 29,221 |  | 28,524 |  | 2,042 |  | 2,011 |  | ,225 |  | 103,802 |
| Net Increase (Decrease) | \$ | $(52,687)$ | \$ | $(10,987)$ | \$ | $(1,615)$ | \$ | (533) | \$ | 469 | \$ | 711 |

## PLAN MEMBERSHIP

The table below reflects the defined benefit pension plan membership as of the beginning and end of the fiscal year.

TABLE 5

## CHANGES IN PLAN MEMBERSHIP As of June 30:

|  | 2009 | 2008 | Percentage Change |
| :---: | :---: | :---: | :---: |
| Retirees and beneficiaries receiving benefits: |  |  |  |
| General | 100,060 | 98,066 | 2.0\% |
| Police and Fire | 7,876 | 7,655 | 2.9 |
| Total | 107,936 | 105,721 | 2.1 |

Current and terminated employees entitled to benefits but not yet receiving them:
Vested:


Police and Fire
Nonvested:
General
Police and Fire
Total

| 190,211 | 151,570 |
| ---: | ---: |
| 14,101 | 12,633 |
|  |  |
| 9,834 | 47,056 |
| 319 | 2,549 |
| 214,465 |  |

25.5
11.6
(79.1)
(87.5)
0.3

Service retirements declined for the first time in four years. Service retirements in fiscal year 2009 were 5,214 compared to 5,635 in fiscal year 2008, a decrease of 7.5
percent. Although the number of members eligible to retire is increasing many are delaying retirement during the severe economic downturn.

TABLE 6
SERVICE RETIREMENTS
By Fiscal Year


## FUNDING STATUS

The System's Unfunded Actuarial Liability (UAL) for pension and other postemployment benefits increased by $\$ 17,257.1$ million, going from a surplus of $\$ 6,192.4$ million in 2007 to a UAL of $\$ 11,064.7$ million as of

December 31, 2008. The System's UAL was derived using the projected unit credit method. Investment losses through December 31, 2008, led to the first UAL in four years.

TABLE 7

## SCHEDULE OF FUNDING PROGRESS

FUNDED RATIO
As of December 31


## Oregon Public Employees Retirement System

## INVESTMENT ACTIVITIES

During fiscal year 2009 the total investment portfolio declined 22.3 percent in the worst economic downturn in decades. Investment returns for all major asset classes except fixed income were negative. Domestic and international equities decreased approximately $\$ 9,403.2$ million. Investments in fixed income securities declined $\$ 4,150.0$ million as a result of sales made in accordance with the Oregon Investment Council's asset allocation policy. Although both private equity and real estate investment returns exceeded their respective benchmarks, the fair value of both asset classes decreased. Private equity investments were down approximately $\$ 1,735.4$ million for the year, and the real estate portfolio suffered losses of approximately $\$ 572.5$ million. One-year returns on asset classes and comparative benchmarks are presented in the table below.

## EFFECT OF ECONOMIC FACTORS

The financial position of the System worsened during the fiscal year due to severe financial market declines. Table 8 below shows portfolio returns and indexes, which are reflective of the market environment.

Benefit payments increased slightly in fiscal year 2009 due to an increase in the number of retirees. Retirees who elected to continue participating in the variable account after retirement experienced a decrease in benefits of approximately 48.2 percent, effective February 1, 2009. This decrease in benefits was due to investment losses experienced by the variable account for the period November 1, 2007, through October 31, 2008.

## CONTACTING THE SYSTEM'S FINANCIAL MANAGEMENT

This financial report is designed to provide plan participants, employers, citizens, taxpayers, and others with a general overview of the System's finances and to demonstrate the Board's oversight of the System. If you have questions about this report or need additional financial information, please contact the Fiscal Services Division Administrator, P.O. Box 23700, Tigard, Oregon 972813700.

## TABLE 8

## INVESTMENT RETURN

## Periods Ending June 30:

|  | $\frac{2009}{(22.3) \%}$ | $\frac{2008}{(3.8) \%}$ |
| :--- | :---: | :---: |
| Total Portfolio | $(22.2)$ | $(3.5)$ |
| Total Portfolio, Excluding Variable | $(18.8)$ | $(3.0)$ |
| Policy Benchmark | $(28.0)$ | $(12.4)$ |
| Domestic Stocks | $(26.6)$ | $(12.7)$ |
| Benchmark: Russell 3000 Index | $(29.1)$ | $(6.2)$ |
| International Stocks | $(30.5)$ | $(6.3)$ |
| Benchmark: Custom Index ${ }^{1}$ |  |  |
| Fixed Income Segment | 5.1 | 2.7 |
| Benchmark: Custom Index ${ }^{2}$ |  | 6.1 |
| Real Estate $^{3}$ | $(27.7)$ | 0.4 |
| Benchmark: NCREIF | $(14.7)$ | 13.6 |
| NAREIT Equity REIT Index | $(43.3)$ | $(13.6)$ |
| Private Equity |  |  |
| Benchmark: Russell $3000+300$ bps | $(25.8)$ | 7.6 |
|  | $(33.7)$ | $(2.8)$ |

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## Oregon Public Employees Retirement System

Statements of Fiduciary Net Assets
Pension and Other Postemployment Plans
As of June 30, 2009

|  | Defined <br> Benefit <br> Pension Plan |  | Oregon <br> Public Service <br> Retirement Plan <br> Individual <br> Account <br> Program |  | Defined Benefit OPEB Plans |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Retirement Health Insurance Account | Retiree Health Insurance Premium Account |  |
| Assets: |  |  |  |  |  |  |  |  |
| Cash and Cash Equivalents | \$ | 1,213,726,556 |  |  | \$ | 100,458,701 | \$ | 7,260,354 | \$ | 327,660 |
| Receivables: |  |  |  |  |  |  |  |  |
| Employer |  | 25,089,979 |  | - |  | 1,013,884 |  | 19,981 |
| Plan Member |  | - - |  | 14,902,220 |  | - |  | - |
| Interest and Dividends |  | 260,604,404 |  | 12,662,959 |  | 1,119,818 |  | 34,105 |
| Member Loans |  | - - |  | - |  | - |  | - |
| Investment Sales and Other Receivables |  | 553,211,340 |  | 24,210,689 |  | 2,140,729 |  | 65,198 |
| Total Receivables |  | 838,905,723 |  | 51,775,868 |  | 4,274,431 |  | 119,284 |
| Due from Other Funds |  | 1,452,087 |  | 12,637 |  | 692 |  | 51 |
| Investments: |  |  |  |  |  |  |  |  |
| Debt Securities |  | 13,230,726,302 |  | 642,886,165 |  | 56,852,071 |  | 1,731,494 |
| Public Equity |  | 16,138,492,550 |  | 745,126,041 |  | 65,893,405 |  | 2,006,858 |
| Real Estate |  | 4,552,113,279 |  | 221,190,605 |  | 19,560,452 |  | 595,735 |
| Private Equity |  | 7,738,378,505 |  | 376,013,626 |  | 33,251,848 |  | 1,012,723 |
| Opportunity Portfolio |  | 911,320,006 |  | 44,281,724 |  | 3,915,946 |  | 119,265 |
| Total Investments |  | 42,571,030,642 |  | 2,029,498,161 |  | 179,473,722 |  | 5,466,075 |
| Securities Lending Cash Collateral |  | 4,366,169,444 |  | 214,644,156 |  | 18,882,989 |  | 582,831 |
| Prepaid Expenses and Deferred Charges |  | 11,688,790 |  | 552,337 |  | 48,845 |  | 1,488 |
| Property and Equipment at Cost, Net of Accumulated Depreciation |  | 10,355,902 |  | 444,647 |  | - |  | - |
| Total Assets |  | 49,013,329,144 |  | 2,397,386,507 |  | 209,941,033 |  | 6,497,389 |
| Liabilities: |  |  |  |  |  |  |  |  |
| Investment Purchases and Accrued Expenses |  | 1,541,843,224 |  | 62,938,663 |  | 5,539,206 |  | 168,703 |
| Deposits and Other Liabilities |  | 91,132,776 |  | 4,304,381 |  | 6,033 |  | 701 |
| Due Other Funds |  | 13,380 |  | 1,314,664 |  | 18,287 |  | 12,140 |
| COPs Payable |  | 4,577,837 |  | - |  | - |  | - |
| Deferred Revenue |  | 321,749 |  | - |  | - |  | - |
| Obligations Under Reverse Repurchase Agreements |  | 104,461,590 |  | 5,075,867 |  | 448,872 |  | 13,671 |
| Securities Lending Collateral Due Borrowers |  | 4,366,169,444 |  | 214,644,156 |  | 18,882,989 |  | 582,831 |
| Total Liabilities |  | 6,108,520,000 |  | 288,277,731 |  | 24,895,387 |  | 778,046 |
| Net Assets Held in Trust for Benefits | \$ | 42,904,809,144 | \$ | 2,109,108,776 | \$ | 185,045,646 | \$ | 5,719,343 |


| Employee Benefit Plan | Deferred Compensation Plan |  | 2009 |  | 2008 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Standard Retiree Health Insurance Account |  |  |  |  |  |  |
| \$ 7,869,579 |  | 1,743,536 | \$ | 1,331,386,386 |  | S 646,573,953 |
| - |  | - |  | 26,123,844 |  | 22,661,574 |
| 66,767 |  | - |  | 14,968,987 |  | 10,601,290 |
| - |  | 264,847 |  | 274,686,133 |  | 229,780,010 |
| - |  | 5,079,857 |  | 5,079,857 |  | 3,102,639 |
| - |  | 58,408 |  | 579,686,364 |  | 3,175,316,105 |
| 66,767 |  | 5,403,112 |  | 900,545,185 |  | 3,441,461,618 |
| - |  | - |  | 1,465,467 |  | 1,259,203 |
| - |  | 309,229,994 |  | 14,241,426,026 |  | 18,391,467,504 |
| - |  | 491,994,464 |  | 17,443,513,318 |  | 26,846,674,648 |
| - |  | - |  | 4,793,460,071 |  | 5,365,989,411 |
| - |  | - |  | 8,148,656,702 |  | 9,884,036,476 |
| - |  | - |  | 959,636,941 |  | 620,687,735 |
| - |  | 801,224,458 |  | 45,586,693,058 |  | 61,108,855,774 |
| 550,307 |  | 120,970 |  | 4,600,950,697 |  | 4,677,861,509 |
| - |  | - |  | 12,291,460 |  | 2,183,785 |
| - |  | - |  | 10,800,549 |  | 11,973,720 |
| 8,486,653 |  | 808,492,076 |  | 52,444,132,802 |  | 69,890,169,562 |
| - |  | 213,474 |  | 1,610,703,270 |  | 3,426,762,445 |
| 13,511 |  | 5,093 |  | 95,462,495 |  | 75,533,920 |
| 36,561 |  | 70,435 |  | 1,465,467 |  | 1,259,203 |
| - |  | - |  | 4,577,837 |  | 7,107,566 |
| - |  | 475,990 |  | 797,739 |  | 910,786 |
| - |  | - |  | 110,000,000 |  | 291,036,000 |
| 550,307 |  | 120,970 |  | 4,600,950,697 |  | 4,677,861,509 |
| 600,379 |  | 885,962 |  | 6,423,957,505 |  | 8,480,471,429 |
| \$ 7,886,274 | \$ | 807,606,114 | \$ | 46,020,175,297 | \$ | 61,409,698,133 |

## Oregon Public Employees Retirement System

Statements of Changes in Fiduciary Net Assets
Pension and Other Postemployment Plans
For the Year Ended June 30, 2009

|  | Defined <br> Benefit <br> Pension Plan |  | Oregon <br> Public Service Retirement Plan Individual Account Program |  | Defined Benefit OPEB Plans |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Retirement <br> Health <br> Insurance <br> Account | Retiree Health Insurance Premium Account |  |
| Additions: <br> Contributions: |  |  |  |  |  |  |  |  |
| Employer | \$ | 649,706,891 |  |  | \$ | - - | \$ | 28,812,705 | \$ | 2,005,173 |
| Plan Member |  | 8,452,030 |  | 495,933,952 |  | - |  |  |
| Total Contributions |  | 658,158,921 |  | 495,933,952 |  | 28,812,705 |  | 2,005,173 |
| Investment Income: |  |  |  |  |  |  |  |  |
| Net Appreciation (Depreciation) in Fair Value of Investments |  | $(13,903,057,279)$ |  | (599,402,371) |  | $(56,308,415)$ |  | (1,702,962) |
| Interest, Dividends, and Other Investment Income |  | 1,266,202,042 |  | 58,345,921 |  | 5,163,517 |  | 158,975 |
| Total Investment Income |  | $(12,636,855,237)$ |  | (541,056,450) |  | $(51,144,898)$ |  | $(1,543,987)$ |
| Less Investment Expense <br> Net Investment Income |  | $\frac{317,723,376}{(12,954,578,613)}$ |  | $\frac{14,306,349}{(555,362,799)}$ |  | $\frac{1,347,609}{(52,492507)}$ |  | 40,876 $(1,584,863)$ |
|  |  | (12,954,578,613) |  | $(555,362,799)$ |  | $(52,492,507)$ |  | $(1,584,863)$ |
| Securities Lending Income: |  |  |  |  |  |  |  |  |
| Securities Lending Income |  | 94,836,906 |  | 4,143,180 |  | 400,341 |  | 12,167 |
| Less Securities Lending Expense |  | 44,174,403 |  | 1,934,933 |  | 186,702 |  | 5,688 |
| Net Securities Lending Income |  | 50,662,503 |  | 2,208,247 |  | 213,639 |  | 6,479 |
| Other Income |  | 695,565 |  | 7,580 |  | - |  | - |
| Total Additions |  | (12,245,061,624) |  | $(57,213,020)$ |  | $(23,466,163)$ |  | 426,789 |
| Deductions: |  |  |  |  |  |  |  |  |
| Benefits |  | 2,789,305,616 |  | 49,534,423 |  | - |  | - |
| Death Benefits |  | 912,848 |  | - |  | - |  | - |
| Refunds of Contributions |  | 36,548,963 |  | - |  | - |  | - |
| Administrative Expense |  | 33,653,536 |  | 8,413,392 |  | 958,311 |  | 115,770 |
| Healthcare Premium Subsidies |  | - |  | - |  | 28,262,580 |  | 1,926,236 |
| Retiree Healthcare Expense |  | - |  | - |  | - |  | - |
| Total Deductions |  | 2,860,420,963 |  | 57,947,815 |  | 29,220,891 |  | 2,042,006 |
| Net Increase (Decrease) |  | $(15,105,482,587)$ |  | $(115,160,835)$ |  | $(52,687,054)$ |  | $(1,615,217)$ |
| Net Assets Held in Trust for Benefits |  |  |  |  |  |  |  |  |
| Beginning of Year |  | 58,010,291,731 |  | 2,224,269,611 |  | 237,732,700 |  | 7,334,560 |
| End of Year | \$ | 42,904,809,144 | \$ | 2,109,108,776 | \$ | 185,045,646 | \$ | 5,719,343 |


| Employee Benefit Plan |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Standard Retiree Health Insurance Account | Deferred Compensation Plan |  |  | 2009 | 2008 |  |
| $\begin{array}{lr} \$ & - \\ & 115,386,399 \\ \hline & 115,386,399 \\ \hline \end{array}$ | \$ | $\frac{66,727,977}{66,727,977}$ |  | $\begin{array}{r} 680,524,769 \\ 686,500,358 \\ \hline 1,367,025,127 \\ \hline \end{array}$ | \$ | $\begin{array}{r} 792,739,095 \\ 651,870,050 \\ \hline 1,444,609,145 \\ \hline \end{array}$ |
| - |  | $(166,659,251)$ |  | (14,727,130,278) |  | (4,244, 135,312) |
| $\frac{285,714}{285,714}$ |  | $\frac{25,828,254}{(140,830,997)}$ |  | $\frac{1,355,984,423}{(13,371,145,855)}$ |  | $\frac{1,588,859,065}{(2,655,276,247)}$ |
| $\frac{-}{285,714}$ |  | $\frac{2,051,107}{(142,882,104)}$ |  | $\frac{335,469,317}{(13,706,615,172)}$ |  | $\frac{339,978,992}{(2,995,255,239)}$ |
| $\begin{array}{r} 1,839 \\ 1,839 \\ \hline- \end{array}$ |  | $\begin{array}{r} 404 \\ 404 \\ \hline- \end{array}$ |  | $\begin{array}{r} 99,394,837 \\ 46,303,969 \\ \hline 53,090,868 \end{array}$ |  | $\begin{array}{r} 276,951,193 \\ 226,427,429 \\ \hline 50,523,764 \end{array}$ |
| $\begin{array}{r} 21,843 \\ \hline 115,693,956 \\ \hline \end{array}$ |  | $\begin{array}{r} 782,145 \\ \hline(75,371,982) \end{array}$ |  | $\begin{array}{r} 1,507,133 \\ (12,284,992,044) \end{array}$ |  | $\begin{array}{r} 1,357,339 \\ (1,498,764,991) \end{array}$ |
| - |  | 38,858,335 |  | 2,877,698,374 |  | 2,862,717,498 |
| - |  | - |  | 912,848 |  | 11,432,179 |
| - |  | - |  | 36,548,963 |  | 50,660,781 |
| 2,149,795 |  | 816,033 |  | 46,106,837 |  | 44,748,419 |
| - |  | - |  | 30,188,816 |  | 29,530,792 |
| 113,074,954 |  | - |  | 113,074,954 |  | 101,781,280 |
| 115,224,749 |  | 39,674,368 |  | 3,104,530,792 |  | 3,100,870,949 |
| 469,207 |  | $(115,046,350)$ |  | $(15,389,522,836)$ |  | (4,599,635,940) |
| 7,417,067 |  | 922,652,464 |  | 61,409,698,133 |  | 66,009,334,073 |
| \$ 7,886,274 | \$ | 807,606,114 | \$ | 46,020,175,297 | \$ | 61,409,698,133 |

## Oregon Public Employees Retirement System

## Notes to the Financial Statements

June 30, 2009

## (1) Description of Plan A. Plan Membership

The Oregon Public Employees Retirement System (PERS or "the System") provides statewide defined benefit and defined contribution retirement plans for units of state government, political subdivisions, community colleges, and school districts. PERS is administered under Oregon Revised Statutes (ORS) Chapter 238, Chapter 238A, and Internal Revenue Code Section 401(a) by the Public Employees Retirement Board (Board). For state agencies, community colleges, and school districts, PERS

| TABLE 1 |  |
| :---: | :---: |
| Employee and Retiree |  |
| Members |  |
| Retirees and beneficiaries currently receiving benefits: |  |
|  |  |
|  | 6/30/2009 |
| General | 100,060 |
| Police and fire | 7,876 |
| Total | 107,936 |
| Current employees and terminated employees entitled to benefits but not yet receiving them: |  |
| Vested: |  |
| General | 190,211 |
| Police and fire | 14,101 |
| Nonvested: |  |
| General | 9,834 |
| Police and Fire | 319 |
| Total | 214,465 |

is a cost-sharing, multi-ple-employer system. PERS is an agent multi-ple-employer system for political subdivisions that have not elected to join the State and Local Government Rate Pool. Participation by state government units, school districts, and community colleges is mandatory. Participation by most political subdivisions is optional, but irrevocable if elected. Plan assets of the defined benefit, defined contribution, postemployment healthcare, and deferred compensation plans may legally be used to pay benefits only to plan members or plan beneficiaries for which the assets were accumulated.

The 1995 Legislature enacted Chapter 654, Section 3, Oregon Laws 1995, which has been codified into ORS 238.435. This legislation created a second tier of benefits for those who established membership on or after January 1, 1996. The second tier does not have the Tier One assumed earnings rate guarantee and has a higher normal retirement age of 60 , compared to 58 for Tier One. As of June 30, 2009, there were 57,255 active and 21,833 inactive for a total of 79,088 Tier One members and 55,716 active and 20,588 inactive for a total of 76,304 Tier Two members in the System.

The 2003 Legislature enacted HB 2020, codified as ORS 238A, which created the Oregon Public Service Retirement Plan (OPSRP). OPSRP consists of the Pension Program (defined benefit) and the Individual Account Program (defined contribution). Membership includes public employees hired on or after August 29, 2003. As of June 30, 2009, there were 58,097 active and 976 inactive members for a total of 59,073 OPSRP Pension Program members.

Beginning January 1, 2004, PERS active Tier One and Tier Two members became members of the Individual Account Program (IAP) of OPSRP. PERS members retain their existing PERS accounts, but member contributions are now deposited into the member's IAP account, not into the member's PERS account. Accounts are credited with earnings and losses net of administrative expenses. OPSRP is part of PERS and is administered by the Board. The PERS Board is directed to adopt any rules necessary to administer OPSRP, and such rules are to be considered part of the plan for IRS purposes.

## B. Plan Benefits

## a. PERS Pension (Chapter 238)

## 1. Pension Benefits

The PERS retirement allowance is payable monthly for life. It may be selected from 13 retirement benefit options. These options include survivorship benefits and lump-sum refunds. The basic benefit is based on years of service and final average salary. A percentage ( 2.0 percent for police and fire employees, 1.67 percent for general service employees) is multiplied by the number of years of service and the final average salary. Benefits may also be calculated under either a formula plus annuity (for members who were contributing before August 21, 1981) or a money match computation if a greater benefit results. Monthly payments must be a minimum of $\$ 200$ per month or the member will receive a lump-sum payment of the actuarial equivalence of benefits to which he or she is entitled.

Police and fire members may purchase increased benefits that are payable between the date of retirement and age 65 .

A member is considered vested and will be eligible at minimum retirement age for a service retirement allowance if he or she has had a contribution in each of five calendar years or has reached at least 50 years of age before ceasing employment with a participating employer (age 45 for police and fire members). General service employees may retire after reaching age 55. Police and fire members are eligible after reaching age 50 . Tier One general service employee benefits are reduced if retirement occurs prior to age 58 with fewer than 30 years of service. Police and fire member benefits are reduced if retirement occurs prior to age 55 with fewer than 25 years of service. Tier Two members are eligible for full benefits at age 60 . The ORS Chapter 238 Defined Benefit Pension Plan is closed to new members as of December 31, 2003.
A judge member who has made contributions to the PERS Fund during each of five calendar years shall receive a retirement allowance, payable monthly, for life. Before reaching age 60 , judge members must choose the calculation formula under which they will retire. The election is irrevocable after the member attains age 60. The two formulas, A and B, are described on the following page.

The Plan A retirement allowance for judge members is computed by multiplying 2.8125 percent by the final average salary for the first 16 years of service and 1.67 percent of the final average salary multiplied by the number of years of service as a judge in excess of 16 . For most judge members the maximum amount is limited to 65 percent of final average salary. The Plan B retirement allowance for judge members is computed by multiplying 3.75 percent by the final average salary for the first 16 years of service and 2.0 percent of the final average salary multiplied by the number of years of service as a judge in excess of 16 . For most judge members the maximum amount is limited to 75 percent of final average salary. Plan B requires a judge to serve up to 35 days per year for a period of five years as a pro-tem judge. There is no actuarial reduction for retirement prior to age 65 .

## 2. Death Benefits

Upon the death of a non-retired member, the beneficiary receives a lump-sum refund of the member's account balance (accumulated contributions and interest). In addition, the beneficiary will receive a lump-sum payment from employer funds equal to the account balance, provided that one or more of the following conditions are met:

- the member was employed by a PERS employer at the time of death,
- the member died within 120 days after termination of PERS-covered employment,
- the member died as a result of injury sustained while employed in a PERS-covered job, or
- the member was on an official leave of absence from a PERS-covered job at the time of death.
A member's beneficiary may choose a monthly payment for life instead of the lump-sum or a combination of lump-sum and monthly payments, if eligible. The monthly payment must be a minimum of $\$ 30$ per month for deaths that occur July 30, 2003, and earlier; $\$ 200$ per month for deaths that occur after July 30, 2003.


## 3. Disability Benefits

A member with 10 or more years of creditable service who becomes disabled from other than duty-connected causes may receive a non-duty disability benefit. A disability resulting from a job-incurred injury or illness qualifies a member (including PERS judge members) for disability benefits regardless of the length of PERS-covered service. Upon qualifying for either a non-duty or duty disability, service time is computed to age 58 ( 55 for police and fire members) when determining the monthly benefit.

Judge members of PERS who have served a minimum of six consecutive years and who become physically or mentally incapacitated are entitled to benefits as provided in ORS 238.555.

## 4. Benefit Changes After Retirement

Members may choose to continue participation in a variable equities investment account after retiring and may experience annual benefit fluctuations due to changes in the market value of equity investments.

Monthly benefits are adjusted annually through cost-of-living changes. Two percent per year is the maximum cost-of-living adjustment.

## b. OPSRP Pension Program (OPSRP DB)

## 1. Pension Benefits

This portion of OPSRP provides a life pension funded by employer contributions. Benefits are calculated with the following formula for members who attain normal retirement age:

Police and fire: 1.8 percent is multiplied by the number of years of service and the final average salary. Normal retirement age for police and fire members is age 60 or age 53 with 25 years of retirement credit. To be classified as a police and fire member, the individual must have been employed continuously as a police and fire member for at least five years immediately preceding retirement.
General service: 1.5 percent is multiplied by the number of years of service and the final average salary. Normal retirement age for general service members is age 65 , or age 58 with 30 years of retirement credit.

A member of the pension program becomes vested on the earliest of the following dates: the date the member completes 600 hours of service in each of five calendar years, the date the member reaches normal retirement age, and, if the pension program is terminated, the date on which termination becomes effective.

## 2. Death Benefits

Upon the death of a non-retired member, the spouse or other person who is constitutionally required to be treated in the same manner as the spouse, receives for life 50 percent of the pension that would otherwise have been paid to the deceased member. The surviving spouse or other person may elect to delay payment of the death benefit, but payment must commence no later than December 31 of the calendar year in which the member would have reached $70^{1 / 2}$ years.

## 3. Disability Benefits

A member who has accrued 10 or more years of retirement credits before the member becomes disabled or a member who becomes disabled due to job-related injury shall receive a disability benefit of 45 percent of the member's salary determined as of the last full month of employment before the disability occurred.

## Oregon Public Employees Retirement System

## c. OPSRP Individual Account Program (OPSRP IAP)

## 1. Pension Benefits

Upon retirement, a member of the OPSRP Individual Account Program (IAP) may receive the amounts in the member's employee account, rollover account, and employer account as a lump-sum payment or in equal installments over a 5 -, $10-, 15$-, 20 -year period or an anticipated life span option. Each distribution option has a $\$ 200$ minimum distribution limit.

An IAP member becomes vested on the date the employee account is established or on the date the rollover account was established. If the employer makes optional employer contributions for a member, the member becomes vested on the earliest of the following dates: the date the member completes 600 hours of service in each of five calendar years, the date the member reaches normal retirement age, the date the IAP is terminated, the date the active member becomes disabled, or the date the active member dies.

## 2. Death Benefits

Upon the death of a non-retired member, the beneficiary receives in a lump sum the member's account balance, rollover account balance, and employer optional contribution account balance. If a retired member dies before the installment payments are completed, the beneficiary may receive the remaining installment payments or choose a lump-sum payment.

## 3. Recordkeeping

PERS contracts with ING (Internationale Nederlanden Groep) to maintain IAP participant records.

## d. Other Postemployment Healthcare Benefits

ORS 238.410 established the Standard Retiree Health Insurance Account (SRHIA), an employee benefit plan. The Board contracts for medical and hospital insurance on behalf of retired members. Members and their dependents are eligible for PERS healthcare coverage if the member is receiving a retirement allowance or benefit under the System. A surviving spouse or dependent of a PERS retiree is eligible to participate if he or she was covered under the health plan at the time of the retiree's death.

ORS 238.420 established the Retirement Health Insurance Account (RHIA) and authorizes a payment of up to $\$ 60$ from RHIA toward the monthly cost of health insurance for eligible PERS members. RHIA is a costsharing, multiple-employer defined benefit OPEB plan for 885 participating employers. The plan was closed to new entrants January 1, 2004.
To be eligible to receive this monthly payment toward the premium cost the member must: (1) have eight years or more of qualifying service in PERS at the time of retirement or receive a disability allowance as if the member
had eight years or more of creditable service in PERS, (2) receive both Medicare Parts A and B coverage, and (3) enroll in a PERS-sponsored health plan.
A surviving spouse or dependent of a deceased PERS retiree who was eligible to receive the subsidy is eligible to receive the subsidy if he or she (1) is receiving a retirement benefit or allowance from PERS or (2) was insured at the time the member died and the member retired before May $1,1991$.
For the year ended June 30, 2009, all PERS employers contributed 0.37 percent of PERS-covered salaries to fund RHIA benefits based on the December 31, 2005 actuarial valuation. This is included in the employer contribution rates listed in Table 3. The employer contribution rate covers the normal cost payment and an amount to amortize the unfunded actuarial accrued liability over a period commencing on the actuarial valuation date and ending on December 31, 2027.

Employer contributions are advance-funded on an actuarially determined basis. There is no inflation assumption for RHIA postemployment benefits because the payment amount is set by statute and is not adjusted for increases in healthcare costs. The number of active plan RHIA participants was 38,923 for the fiscal year ended June 30, 2009. As of December 31, 2008, there were 89,840 active and 13,249 inactive members who meet the requirements to receive RHIA benefits when they retire.

ORS 238.415 established the Retiree Health Insurance Premium Account (RHIPA) and requires the Board on or before January 1 of each year to calculate the average difference between the health insurance premiums paid by retired state employees under contracts entered into by the Board and health insurance premiums paid by state employees who are not retired. ORS 238.415 authorizes payment of this average difference to qualified retired state employees. Retired state employees are qualified to receive this benefit if they had eight or more years of qualifying service in the System at the time of retirement or are receiving a disability pension calculated as if they had eight or more years of qualifying service, but are not eligible for federal Medicare coverage. RHIPA is a single-employer (the state as one employer) defined benefit OPEB plan and was closed to new entrants on January 1, 2004.
A surviving spouse or dependent of a deceased retired state employee is eligible to receive the subsidy if he or she (1) is receiving a retirement benefit or allowance from PERS or (2) was insured at the time the member died, and the member retired on or after September 29, 1991.

For the year ended June 30, 2009, state agencies contributed 0.10 percent of PERS-covered salaries to fund RHIPA benefits, based on the December 31, 2005 actuarial valuation. The number of active plan RHIPA participants was 709 for the fiscal year ended June 30, 2009. As of December 31, 2008, there were 24,314 active members who meet the requirements to receive RHIPA benefits
when they retire. Inactive members are not eligible for these benefits.

All subsidy payments from the RHIA, the RHIPA, and contributions from retired members are deposited in the SRHIA. Payments for medical and hospital insurance contracted for on behalf of retired members are made from SRHIA.

## (2) Summary of Significant Accounting Policies <br> A. Basis of Presentation

The accompanying financial statements are prepared in accordance with Governmental Accounting Standards Board Statements 25, 32, 43, and 50 as well as generally accepted accounting principles that apply to governmental accounting for fiduciary funds. Fiduciary funds are used to account for assets held by a governmental unit in a trustee capacity (trust funds).

PERS' activities are accounted for in two trust funds:

- Public Employees Retirement Fund

Defined Benefit Pension Plans
Individual Account Program
Postemployment Healthcare Plan
Retirement Healthcare Insurance Account
Retiree Healthcare Insurance Premium Account
Employee Benefit Plan
Standard Retiree Health Insurance Account

- Deferred Compensation Fund

Oregon Savings Growth Plan

## B. Basis of Accounting

The accrual basis of accounting is used for all funds. Revenues are recognized when earned. Contributions are recognized when due, pursuant to formal commitments, as well as statutory and Board requirements. Expenses are recognized when incurred. Benefits and refunds are recognized in the month they are due and payable.

## C. Budgetary Data

Only administrative expenses are subject to biennial legislative budget control. The Legislature exercises this control at the agency level. Any unobligated balance lapses at the end of each biennium.

Encumbrance accounting is allowed only during the biennium. All encumbrances lapse at the end of the biennium except capital construction, capital improvements, and disputed claims.

Budgetary accounting is not consistent with generally accepted accounting principles (GAAP) because the

TABLE 2

|  | Legislatively <br> Approved Budget | Actual | Unobligated Balance at June 30, 2009 |
| :---: | :---: | :---: | :---: |
| 2007-2009 Biennium: |  |  |  |
| Personal Services | \$ 53,615,718 | 49,615,715 | \$ 4,000,003 |
| Services and Supplies | 35,688,183 | 35,306,550 | 381,633 |
| Capital Outlay | 947,701 | 303,638 | 644,063 |
| Special Payments | 6,277,416,600 | 5,891,059,263 | 386,357,337 |
| Debt Service | 5,709,200 | 5,709,200 | - |
| Total | \$ 6,373,377,402 | \$ 5,981,994,366 | \$ 391,383,036 |
| Total Deductions July 1, 2007 - June 30, 2009 |  |  |  |
| Budgetary Basis (non-GAAP) |  |  | \$ 5,981,994,366 |
| Add: |  |  |  |
| Depreciation Expense |  |  | 1,259,294 |
| Adjustment for Net OPEB Obligation |  |  | 134,000 |
| Decrease in Prepaids |  |  | 49,461 |
| Increase in Compensated Absences |  |  | 81,414 |
| Increase in Accrued Expenses |  |  | 954,897 |
| COP Amortization |  |  | 13,756 |
| Deduct: |  |  |  |
| Fiscal Year 2008 Budgetary Expenditures |  |  | 2,847,093,881 |
| Retirement Benefits Attributable to Allocated Annuity Contracts |  |  | 22,746,873 |
| Increase in Travel Advances |  |  | 2,393 |
| Capital Outlay |  |  | 86,122 |
| Principal Payment Portion of Debt Service |  |  | 2,520,000 |
| Decrease in Accrued Benefits and Special Payments |  |  | 7,507,127 |
| Statements of Changes in Fiduciary Net Assets |  |  | \$ 3,104,530,792 |

measurement focus is on decreases in financial resources rather than net income determination.

Table 2 reconciles deductions on the budgetary basis to deductions presented in the Statements of Changes in Fiduciary Net Assets. The legislatively approved budget includes increases approved by the Legislative Emergency Board through June 30, 2009.

## D. Valuation of Investments

Investments are recognized at fair value, the amount at which financial instruments could be exchanged in a current transaction between willing parties other than in a forced or liquidation sale.

The fair value of publicly traded debt and equity securities in active markets is determined by the custodial agent using nationally recognized pricing services. The custodial agent values equity securities traded on a national or international exchange at the last reported sales price, and generally values debt securities by using evaluated bid prices. For securities that do not have an active market, such as private placements or commingled investment vehicles, a market price is calculated by either the custodial agent or

## Oregon Public Employees Retirement System

the investment manager. For example, a similar benchmark security may be used to estimate the fair value. The benchmark will typically have a coupon rate and maturity date comparable to the debt security being valued, and its market risk will be similar, considering current market conditions. The fair value of real estate investment trust (REIT) securities and 64 percent of the Opportunity Portfolio investments, which are traded in active markets, is determined by either the custodial agency or the investment manager using recognized pricing services.

Investments in private equities and 36 percent of the Opportunity Portfolio investments are valued at estimated fair value based on good faith determinations by the general partner. Valuations provided by the general partner as of March 31 are adjusted for cash activity from April 1 to June 30 to arrive at a fair value as of June 30. Investments in private equities representing publicly traded securities are stated at quoted market price. Where observable market inputs are not available, valuation models are applied. The general partner's estimate of fair value is based on the best information available and is determined by reference to information including, but not limited to, the following: projected sales, net earnings, earnings before interest, taxes, depreciation and amortization, balance sheets, public and private transactions, valuations for publicly traded comparable companies, and/or other measures, and consideration of any other pertinent information including the types of securities held and the general partner's own assumptions regarding the investment. The methods used to estimate the fair value of these investments typically include: (1) the market approach (whereby fair value is derived by reference to observable valuation measures for comparable companies or assets), (2) the income approach (e.g., the discounted cash flow method).

Investments in real estate, with the exception of REITS, for which observable market prices in active markets do not exist, are reported at fair value as determined in good faith by the general partner. Valuations provided by the general partner as of March 31 are adjusted for cash activity from April 1 to June 30 to arrive at a fair value as of June 30. Direct investments in real estate are appraised every two to three years, and between appraisals, investment managers adjust values to reflect current and projected operating performance and financial transactions. In the absence of observable market prices, general partners determine the fair value of real estate partnerships using valuation methods considered most appropriate. A number of factors is considered, including the nature of the investment, local market conditions, trading values on public exchanges for comparable investments, current and projected operating performance, and financing transactions subsequent to the acquisition of the investment.
Due to the inherent uncertainty and the degree of judgment involved in determining private equity, opportunity and real estate portfolio investment valuations, the estimated fair values reflected in the accompanying financial statements may differ significantly from values that would
have been used had a readily determinable market value for the investments existed, and the difference could be material. In addition, these investments are generally considered to be illiquid long-term investments, and the recorded estimated fair values may materially differ from the amounts that eventually may be realized from the sale or other disposition of these investments.

## E. Earnings Crediting

By law earnings are credited to member accounts on a calendar-year basis. Members in Tier One were guaranteed to receive at least the assumed earnings rate used in the most recent actuarial valuation. Members participating in the variable account, IAP members, and Tier Two members are credited actual earnings or losses, less deductions allowed by law.

## (3) Contributions and Reserves <br> A. Contributions

## a. Member Contributions

Beginning January 1, 2004, all member contributions, except for contributions by judge members, were placed in the OPSRP Individual Account Program (IAP), an IRC 401(a) defined contribution plan. Prior to that date, all member contributions were credited to the Defined Benefit Pension Plan. Member contributions are set by statute at 6.0 to 7.0 percent of salary and are remitted by participating employers, who may agree to make member contributions on the member's behalf. The contributions are either deducted from member salaries or paid by the employers. The Member Reserve, described in Note (3)C.1., represents accumulated member contributions and earnings allocations made prior to January 1, 2004, and subsequent earnings allocations less refunds and amounts transferred to reserves for retirements and disabilities. The IAP member accounts represent member contributions made on or after January 1, 2004, plus earnings allocations less disbursements for refunds, death benefits, and retirements.

## b. Employer Contributions

PERS funding policy provides for monthly employer contributions at actuarially determined rates. These contributions, expressed as a percentage of covered payroll, are intended to accumulate sufficient assets to pay benefits when due. This funding policy applies to the PERS Defined Benefit Plan and the Other Postemployment Benefit Plans.

Employer contribution rates during the period were based on the December 31, 2005 actuarial valuation, which became effective July 1, 2007. The state of Oregon and certain schools, community colleges, and political subdivisions have made UAL payments, and their rates have been reduced. (See Table 3.)

TABLE 3

| Contribution <br> Rate Summary | Defined Benefit Pension |  |  |  |  |  |  | Postemployment Healthcare |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PERS Defined Benefit Plan |  |  |  |  | OPSRP PensionProgram |  | RHIA | RHIPA |
|  | Pooled Employers |  |  | Non-Pooled Employers |  | All Employers |  | All Employers | State Only |
|  | $\begin{gathered} \text { State } \\ \text { Agencies } \end{gathered}$ | State and Local Government Rate Pool (3) | School Pool ${ }^{(3)}$ | $\begin{gathered} \text { Political } \\ \text { Subdivisions }(3,4) \\ \hline \end{gathered}$ | Judiciary | General Service | Police and Fire |  |  |
| Employee IAP | 6.00\% | 6.00\% | 6.00\% | 6.00\% | 0.00\% | 6.00\% | 6.00\% | 0.00\% | 0.00\% |
| Employee <br> Normal Cost | 0.00 | 0.00 | 0.00 | 0.00 | 7.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Employer <br> Normal Cost | 4.15 | 4.42 | 3.44 | 4.60 | 23.86 | 5.82 | 9.09 | 0.11 | 0.07 |
| Unfunded Actuarial Liability | 1.92 | 9.42 | 13.83 | 3.91 | (5.63) | 0.00 | 0.00 | 0.26 | 0.03 |
| Total Employer Contributions | 6.07 | 13.84 | 17.27 | 8.51 | 18.23 | 5.82 | 9.09 | 0.37 | 0.10 |

(1) Group average rates shown were effective as of July 1, 2007.
(2) A subcomponent of the State and Local Government Rate Pool; includes UAL payment rate offset.
(3) Does not include UAL payment rate offsets.
(4) Non-pooled Political Subdivisions are valued separately for the Defined Benefit Plan.

## 1. PERS Defined Benefit Plan and Postemployment Healthcare Plan Contributions (ORS 238)

Pension rates for the State and Local Government Rate Pool were 13.84 percent, schools 17.27 percent, and judiciary 18.23 percent of PERS-covered salaries, effective July 1, 2007. Political subdivisions that have not joined the State and Local Government Rate Pool had an average pension rate of 8.51 percent.

Oregon Laws 2001, Chapter 945, Section 13 authorized the establishment of the State and Local Government Rate Pool. Local political subdivisions were given the option to join the state of Oregon and community colleges for the actuarial purpose of calculating employer rates. Participation by local political subdivisions in this pool was effective for the actuarial valuation period beginning January 1, 2002.

Based on the actuarial valuation as of December 31, 2005, judiciary, state agencies, and certain political subdivisions had a decrease in employer contribution rates. Schools and some political subdivisions experienced an increase in their employer contribution rates. These rate changes are measured against the actual average rates paid since July 1, 2005, that contained a phase-in of one half the rate increase calculated in the December 31, 2003 valuation. The other half of the rate increase was delayed until July 1, 2007, to moderate the impact of the calculated rate increase on employer budgets. System earnings in excess of the actuarially assumed rate of return in 2006 and 2007 negated, in total or in part, the need for the second phase of the rate increase. The Board practice is to implement new employer contribution rates July 1 of each odd-numbered year based on the valuation of the previous odd-numbered year.

## 2. OPSRP Pension Program Contributions (ORS 238A)

PERS employers participating in the OPSRP Pension

Program participate in the same rate sharing pool and therefore share the same contribution rate. The OPSRP Pension Program normal-cost employer rates beginning July 1, 2007, were 5.82 percent of covered salaries for general service employees and 9.09 percent of covered salaries for police and fire employees. These rates decreased from 8.04 percent of covered salaries for general service and 11.65 percent of covered salaries for police and fire employees, which were in effect since January 1, 2004. Each of these rates includes a component related to disability benefits for general service and police and fire members.

## B. Actuarial Cost Method and Assumptions

The employer contribution rates effective July 1, 2007, through June 30, 2009, were set using the projected unit credit actuarial cost method. For the Tier One/Tier Two component of the PERS Defined Benefit Plan, this method produced an employer contribution rate consisting of (1) an amount for normal cost (the estimated amount necessary to finance benefits earned by the employees during the current service year), (2) an amount for the amortization of unfunded actuarial accrued liabilities, which have the following amortization periods: a three-year rolling amortization period for the increase in liabilities due to the change of actuarial valuation methods in 2004 from entry age to projected unit cost (PUC) with the remainder being amortized over a closed period commencing on the valuation date and ending on December 31, 2027, and (3) an actuarially determined amount for funding postemployment healthcare subsidies. For the OPSRP Pension Program component of the PERS Defined Benefit Plan, this method produced an employer contribution rate consisting of (a) an amount for normal cost (the estimated amount necessary to finance benefits earned by the employees during the current service year) and (b) an actuarially determined amount for funding a disability

## Oregon Public Employees Retirement System

benefit component. As of December 31, 2005, the OPSRP Pension Program did not have a sufficient unfunded actuarial liability to require a contribution rate component, although a rate component may be added as a result of future valuations.

The funded status of the pension plan and each postemployment healthcare plan as of the most recent actuarial valuation date is illustrated in Table 4.

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of events far into the future. Actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future. The required schedule of funding progress immediately following the notes to the financial statements presents multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

The actuarial valuation calculations are based on the benefits provided under the terms of the plan in effect at the time of each valuation and on the pattern of sharing of costs between the employer and plan members as of the December 31, 2007 valuation.
Actuarial calculations reflect a long-term perspective. Actuarial methods and assumptions include techniques designed to reduce short-term volatility in actuarial
accrued liabilities and the actuarial value of assets consistent with the long-term perspective of the calculations.

Additional information as of the latest actuarial valuation is illustrated in Table 5.

## C. Reserves and Designations

Chapter 238 Defined Benefit Plan, Other Postemployment Benefit Plans, and Employee Benefit Plan

## 1. Member Reserve

The Member Reserve of $\$ 8,145.1$ million as of June 30, 2009, represents member contributions made through December 31, 2003, and earnings allocations less refunds and amounts transferred to reserves for retirements and disabilities.

## 2. Employer Contribution Designation

The Employer Contribution Designation of $\$ 17,909.8$ million as of June 30, 2009, represents employer contributions and earnings allocations less amounts transferred to reserves for retirements and disabilities.

## 3. Benefit Reserve

The Benefit Reserve of $\$ 16,519.7$ million as of June 30,2009 , is the amount set aside to pay future benefits. It includes funds transferred from the individual member and employer accounts and earnings allocations less amounts paid for retirements and disabilities.

TABLE 4 (dollar amounts in millions)

| Actuarial Valuation Date | Actuarial Value of Assets <br> (a) | Actuarial Accrued Liability (AAL) <br> (b) | $\begin{aligned} & \text { Unfunded AAL } \\ & \text { (UAAL) } \\ & \text { (b-a) } \\ & \hline \end{aligned}$ | Funded Ratio (a/b) | Covered Payroll (c) | UAAL <br> as a \% of Covered Payroll ((b-a)/c) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pension |  |  |  |  |  |  |
| 12/31/2008 | \$43,520.6 | \$54,259.5 | \$ 10,738.9 | 80.2\% | \$ 8,130.1 | 132.1\% |
| RHIA |  |  |  |  |  |  |
| 12/31/2008 | 183.8 | 494.0 | 310.2 | 37.2 | 8,130.1 | 3.8 |
| RHIPA |  |  |  |  |  |  |
| 12/31/2008 | 5.7 | 21.3 | 15.6 | 26.7 | 2,217.9 | 0.7 |
| Discrepancies contained in this table are the result of rounding differences. |  |  |  |  |  |  |

TABLE 5

|  | Pension | RHIA | RHIPA |
| :---: | :---: | :---: | :---: |
| Valuation date | December 31, 2008 | December 31, 2008 | December 31, 2008 |
| Actuarial cost method | Projected Unit Credit | Projected Unit Credit | Projected Unit Credit |
| Amortization method | Amortized as a level percentage of payroll; Tier One/Tier Two UAL (20 year) and OPSRP pension UAL (16 year) amortization periods are closed | Amortized as a level percentage of payroll; UAL (10 year) amortization period is closed | Amortized as a level percentage of payroll; UAL (10 year) amortization period is closed |
| Equivalent single amortization period | 3 years | 30 years | 30 years |
| Asset valuation method | Market value of assets | Market value of assets | Market value of assets |
| Actuarial assumptions: |  |  |  |
| Inflation rate | 2.75 percent | 2.75 percent | 2.75 percent |
| Investment rate of return | 8.00 percent | 8.00 percent | 8.00 percent |
| Projected salary increases | 3.75 percent | 3.75 percent | 3.75 percent |
| Healthcare cost trend rate | N/A | None. Statute stipulates $\$ 60$ monthly payment for healthcare insurance. | Graded from 7.0 percent in 2009 to 4.5 percent in 2029. |

## 4. Tier One Rate Guarantee Reserve

The Tier One Rate Guarantee Reserve may be credited with investment earnings in excess of the required Tier One assumed earnings rate guarantee. ORS 238.255(1) requires individual accounts for Tier One members to be credited at the assumed rate of return on investments adopted by the Board for use in actuarial valuations.

The regular account for Tier One members and alternate payees of those members cannot be credited with earnings in excess of the assumed interest rate until:
(a) the reserve is fully funded with amounts determined by the Board, after consultation with the actuary employed by the Board, necessary to ensure a zero balance in the account when all Tier One members and alternate payees of those members, have retired; and
(b) the reserve account has been fully funded as described in paragraph (a) of this subsection in each of the three immediately preceding calendar years. As of June 30, 2009, the balance of this reserve was (\$978.5) million, and the Board has not adopted a funding policy.

## 5. Board Actions Affecting Reserves

As part of its December 31, 2008 earnings crediting decision, the Board decided not to make any changes to the Contingency Reserve.

## 6. Contingency Reserve

The Contingency Reserve is to be maintained and used by the Board to prevent any deficit of moneys available for the payment of retirement allowances due to interest fluctuations, changes in mortality rates, or other unforeseen contingency. As of June 30, 2009, the balance of this reserve was $\$ 628.2$ million.

## 7. Employer Contingency Reserve

The Employer Contingency Reserve was established by the Board to prevent any deficit in the fund caused by the insolvency of an employer. Only earnings on employer contributions fund this reserve. As of June 30, 2009, the reserve had a balance of $\$ 25.0$ million.

## 8. Capital Preservation Reserve

The Capital Preservation Reserve, as of June 30, 2009, had a balance of zero. In accordance with ORS 238.670, funds in this reserve may be used only to offset gains and losses of invested capital.

## 9. Unallocated Earnings Designation

The Unallocated Earnings Designation represents January through June investment earnings or losses less administrative expenses, which will be credited on a calendar year basis. Crediting takes place in March of the following year after employer annual reports have been reconciled and contributions have been posted to individual member and employer accounts. As of June 30, 2009, the gains in this designation were $\$ 342.1$ million.

## 10. OPSRP Defined Benefit Program

OPSRP Defined Benefit plan net assets balance represents the program's accumulation of employer contributions and investment earnings less benefits and administrative expenses. As of June 30, 2009, the balance of this account was $\$ 313.4$ million.

## Other Postemployment Benefits Plans

## 11. Retirement Health Insurance Account (RHIA)

The RHIA plan net assets balance represents the program's accumulation of employer contributions and investment earnings less premiums and administrative expenses. As of June 30, 2009, the balance of this account was $\$ 185.0$ million.

## 12. Retiree Health Insurance Premium Account (RHIPA)

The RHIPA plan net assets balance represents the program's accumulation of employer contributions and investment earnings less premiums and administrative expenses. As of June 30, 2009, the balance of this account was $\$ 5.7$ million.

## Employee Benefit Plan

## 13. Standard Retiree Health Insurance Account (SRHIA)

The SRHIA plan net assets balance represents the program's accumulation of retiree contributions and interest earnings less premiums and administrative expenses. As of June 30, 2009, the balance of this account was $\$ 7.9$ million.

## D. Administrative Costs

The System's administrative expenses are funded from investment earnings and administrative fees collected from members and are allocated to all plans and programs administered by the System. If investment earnings and fees are insufficient for such purpose, the remaining expenses are paid from employer contributions.

## (4) Reporting Entity

The Public Employees Retirement Board is the governing authority of the System. It consists of five people appointed by the governor and subject to confirmation by the state Senate. The Board appoints an executive director to act as the principal administrative officer of the System. The Board has independence in the operation and management of the System. The state Legislature has significant ability to influence funding, approve the System's budget, and pass laws governing the System.

PERS' financial statements are prepared on the basis of a fiscal year ended June 30. The Office of the State Treasurer has statutory responsibility for custody and investment of PERS assets. As a result of this fiduciary responsibility, PERS is included as part of the primary government in the State of Oregon Comprehensive Annual Financial Report.

## Oregon Public Employees Retirement System

## (5) Receivables and Payables

## A. Receivables

Table 6 disaggregates receivable balances reported in the Statements of Fiduciary Net Assets as Investment Sales and Other Receivables.

Accounts receivable for Strunk and Eugene Payment Adjustments resulted from recalculating benefits for recipients who received lump-sum payments. Collection of these receivables has been put on hold pending a final court decision (see note 11B) and is not expected to occur within one year.

TABLE 6

| Accounts Receivable |  |  |
| :---: | :---: | :---: |
|  | June 30, 2009 |  |
| Broker Receivable | \$ | 524,604,453 |
| Strunk Eugene Payment Adjustments |  | 51,260,798 |
| Overpaid Benefits |  | 3,606,417 |
| Other |  | 214,696 |
| Total | \$ | 579,686,364 |

## B. Payables

Table 7 disaggregates payable balances reported in the Statements of Fiduciary Net Assets as Investment Purchases and Accrued Expenses.

## TABLE 7

| Accounts Payable |  |
| :--- | ---: |
|  | June 30, 2009 |
| Broker Payable | $\$$ |
| Pension Roll | $1,331,826,438$ |
| Death Benefits | $222,464,148$ |
| Investment Fees | $26,720,905$ |
| Services and Supplies | $25,624,406$ |
| Compensated Absences | $1,724,495$ |
| Other | $1,322,277$ |
| Total | $\underline{1,020,601}$ |
|  |  |

## (6) Assets Used in Plan Operations <br> A. Building and Improvements

Capital construction of PERS' headquarters in Tigard, Oregon, was completed May 31, 1997. The land, building, and improvements are recorded at cost. The depreciation of the building and improvements is computed on the straight-line method over the estimated useful life of 40 years.

## B. Equipment and Fixtures

Equipment and fixtures are recorded at cost. These are items that are not consumed in the normal course of operations, have a useful life of more than one year, and whose value is $\$ 5,000$ or more. Depreciation is computed using the straight-line method over the assets' estimated useful lives. Useful lives range from three to 10 years. (See Table 8.)

## (7) Deposits and Investments

The state treasurer is the investment officer for the state of Oregon. Investment standards are established in ORS 293.726 and require funds to be managed as a prudent investor would do. The Oregon Investment Council (OIC) establishes policies for the investment and reinvestment of moneys in PERS' investment funds. Policies are established based on the primary investment asset class of each investment manager and do not reflect the classifications of individual holdings as presented in the financial statements. Contracts with individual investment managers provide additional guidelines that vary from manager to manager.

## A. Deposits

PERS cash and cash equivalents consist of cash on hand, deposits in the Oregon Short Term Fund (OSTF), and moneys held by external investment managers. OSTF is a cash and investment pool that operates as a demand deposit account and is required for use by all state funds. (See Table 9.)

TABLE 8

| Schedule of Fixed Assets |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Beginning of Year |  | Increases |  | Decreases |  | End of Year |  |
| Property and Equipment |  |  |  |  |  |  |  |  |
| Furniture and Equipment | \$ | 863,362 | \$ | 18,690 | \$ | - | \$ | 882,052 |
| Data Processing Software |  | 7,349,539 |  | - |  | - |  | 7,349,539 |
| Data Processing Hardware |  | 3,706,639 |  | 67,433 |  | - |  | 3,774,072 |
| Building and Building Improvements |  | 7,436,081 |  | - |  | - |  | 7,436,081 |
| Land |  | 944,463 |  | - |  | - |  | 944,463 |
| Total Property and Equipment | \$ | 20,300,084 | \$ | 86,123 | \$ | - | \$ | 20,386,207 |
| Less Accumulated Depreciation |  |  |  |  |  |  |  |  |
| Furniture and Equipment |  | $(672,707)$ |  | $(106,708)$ |  | - |  | $(779,415)$ |
| Data Processing Software |  | $(2,572,339)$ |  | $(734,954)$ |  | - |  | $(3,307,293)$ |
| Data Processing Hardware |  | $(3,053,030)$ |  | $(230,619)$ |  | - |  | $(3,283,649)$ |
| Building and Building Improvements |  | $(2,028,288)$ |  | $(187,013)$ |  | - |  | $(2,215,301)$ |
| Total Accumulated Depreciation |  | $(8,326,364)$ |  | $(1,259,294)$ | \$ | - |  | $(9,585,658)$ |
| Net Property and Equipment | \$ | 11,973,720 |  | $(1,173,171)$ | \$ | - | \$ | 10,800,549 |
| Depreciation Expense |  |  |  | Amount |  |  |  |  |
| Defined Benefit Pension Plan Depreciation |  |  |  | 1,178,449 |  |  |  |  |
| Oregon Public Service Retirement Plan |  |  |  |  |  |  |  |  |
| Individual Account Program Depreciation |  |  |  | 80,845 |  |  |  |  |
| Total Depreciation Expense |  |  |  | 1,259,294 |  |  |  |  |

TABLE 9

| Depository Account | Bank Balance |  |
| :---: | :---: | :---: |
| Insured | \$ | 117,222,699 |
| Collateralized with collateral held by the pledging bank's trust department but not in the name of the state of Oregon |  | 1,297 |
| Oregon Short Term Fund |  | 1,147,362,042 |
| Uninsured and uncollateralized |  | 71,863,585 |
| Total deposits | \$ | 1,336,449,623 |

## 1. Custodial Credit Risk

Custodial credit risk for deposits is the risk that in the event of a bank failure, PERS' deposits may not be recovered. OSTF is separately audited by the Oregon Audits Division. The audited financial statements can be viewed at http://www.ost.state.or.us/About/OSTF/Statements/ OSTF-6-30-2009.pdf. Custodial credit risk of OSTF is addressed in the notes to those financial statements.

Cash and cash equivalents in OSTF are held in demand deposit accounts and time certificates of deposit. These deposits are insured by FDIC coverage and are also collateralized to a minimum of 25 percent in accordance with ORS 295.015. Balances in excess of the FDIC insurance plus 25 percent are considered exposed to custodial credit risk. Since OSTF is a pool, PERS' share of the risk is difficult to estimate. As of June 30, 2009, the carrying amount of PERS' deposits in OSTF totaled $\$ 1,142.3$ million, and the corresponding bank balance was $\$ 1,147.4$ million.

Deposits of cash and cash equivalents from the proceeds of certificates of participation, totaling \$1,297 at June 30, 2009 are collateralized with collateral held by the pledging bank's trust department but not in the name of the state of Oregon.

Investment managers' deposits with custodian banks consist of U.S. and foreign cash deposits that represent buying reserves. As of June 30, 2009, there was $\$ 189.1$ million on deposit for the accounts of the Public Employees Retirement Fund (PERF) investment managers, of which $\$ 71.9$ million was exposed to custodial credit risk.

## 2. Foreign Currency Risk

Foreign currency risk for deposits is the risk that changes in exchange rates will adversely affect the fair value of the deposits. Foreign currency risk is controlled via contractual agreements with the investment managers. As of June 30, 2009, $\$ 71.9$ million in cash and cash equivalents was exposed to foreign currency risk. The U.S. dollar balances of these deposits, organized by currency denomination, are presented in Table 13.

## B. Investments

Table 10 presents the fair value of investments held by the state of Oregon for PERS as of June 30, 2009.

## 1. Credit Risk Debt Securities

It is OIC's policy that no more than 30 percent of the fixed income manager positions be below investment grade. Securities with a quality rating of below BBB- are considered below investment grade. Policies also require that the
minimum aggregate credit quality be $\mathrm{A}+$ as measured by the weighted average of the portfolio. There is no policy restriction on other investment managers who may hold debt securities. As of June 30, 2009, the fair value of below grade investments is $\$ 3,694.7$ million, or 25.9 percent, of total debt investments, and the weighted quality rating average is $\mathrm{A}+$.

Table 11 shows the quality ratings for debt investments as of June 30, 2009.

TABLE 10

| Investments at June 30, 2009 |  | Fair Value |
| :---: | :---: | :---: |
| Repurchase Agreements | \$ | 94,731,000 |
| U.S. Treasury Obligations |  | 650,331,270 |
| U.S. Federal Agency Mortgage Securities |  | 1,229,759,650 |
| U.S. Federal Agency Debt |  | 359,033,563 |
| U.S. Federal Agency Strips |  | 15,225,631 |
| U.S. Treasury Obligations - Strips |  | 2,760,193 |
| U.S. Treasury Obligations - TIPS |  | 100,016,427 |
| International Debt Securities |  | 1,592,164,016 |
| Corporate Bonds |  | 4,747,174,762 |
| Government Guaranteed Corporate Bonds |  | 62,065,437 |
| Municipal Bonds |  | 39,278,035 |
| Collateralized Mortgage Obligations |  | 1,372,809,028 |
| Asset-Backed Securities |  | 350,766,887 |
| Mutual Funds - Short-Term Investments |  | 1,807,411,430 |
| Mutual Funds - Domestic Fixed Income |  | 1,446,229,133 |
| Mutual Funds - International Fixed Income |  | 371,669,564 |
| Total Debt Investments |  | 14,241,426,026 |
| Futures and Options |  | 354,305,812 |
| Domestic Equity Securities |  | 4,579,132,575 |
| International Equity Securities |  | 8,252,471,013 |
| Mutual Funds - Domestic Equity |  | 1,672,451,146 |
| Mutual Funds - Global Equity |  | 828,988,953 |
| Mutual Funds - International Equity |  | 1,599,564,102 |
| Mutual Funds - Target Date |  | 156,599,717 |
| Limited Partnerships and Leveraged Buyouts |  | 8,148,656,702 |
| Real Estate and Real Estate Investment Trusts |  | 4,793,460,071 |
| Opportunity Portfolio |  | 959,636,941 |
| Total PERS Investments | \$ | 45,586,693,058 |

## TABLE 11

| Debt Investments at June 30, 2009 |  | Fair Value |
| :--- | ---: | ---: |
| Quality Rating |  |  |
| AAA |  | $4,213,993,837$ |
| AA |  | $2,835,428,387$ |
| A |  | $1,119,587,512$ |
| BBB |  | $1,463,730,568$ |
| BB |  | $677,558,065$ |
| B | $718,213,438$ |  |
| CCC | $240,689,266$ |  |
| CC | $26,581,382$ |  |
| C | $7,206,309$ |  |
| D | $10,856,413$ |  |
| Unrated |  | $2,013,561,723$ |
|  |  | $13,327,406,900$ |
| Total Credit Risk - Debt Securities | $914,019,126$ |  |
| U.S. Government and Agency Securities |  |  |
| Total Debt Investments |  | $\mathbf{1 4 , 2 4 1 , 4 2 6 , 0 2 6}$ |

## Oregon Public Employees Retirement System

## 2. Custodial Credit Risk

Custodial credit risk for investments is the risk that in the event of a failure of the counterparty, PERS will not be able to recover the value of the investments or collateral securities that are in the possession of an outside party. OIC has no formal policy regarding the holding of securities by a custodian or counterparty. As of June 30, 2009, no investments were exposed to custodial credit risk.

## 3. Concentrations of Credit Risk

OIC expects investment managers to maintain diversified portfolios. There is no limit on single issuer investments for domestic, global, and international equity fund managers. Policy states that the asset class will be diversified across their respective markets. Additionally, both passive and active investing strategies are employed, and several external managers engage in active management.

OIC provides the following limitations for fixed income manager positions:

- obligations issued or guaranteed by the U.S. government, U.S. agencies, or governmentsponsored enterprises - no restriction;
- obligations of other national governments - no more than 10 percent of the debt investment portfolio per issuer;
- private mortgage-backed and asset-backed securities, unless collateral is credit-independent of the issuer and the security's credit enhancement is generated internally - no more than 10 percent of the debt investment portfolio per issuer; 25 percent per issuer if the collateral exception is met; and
- other issuers, excluding investments in commingled vehicles - no more than 3 percent of the debt investment portfolio.

As of June 30, 2009, there were no single issuer debt investments that exceeded the above guidelines nor were there investments in any one issuer that represent 5 percent or more of total investments.

## 4. Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Policies state that the fixed income manager positions will maintain an average bond duration level of plus or minus 20 percent of the benchmark duration. There is no policy restriction for non-fixed income investment managers who may hold fixed income positions. As of June 30, 2009, the average duration of PERS' debt investment portfolio was 4.25 years. Since the debt investment portfolio may contain holdings with prepayments and variable cash flows, an analysis of interest rate risk using the segmented time distribution method is presented in the schedule below. In this schedule fixed income mutual funds of $\$ 3,625.3$ million are reported using duration instead of average maturity, and amounts are a portion of the amount shown in the financial statements. (See Table 12.)

## 5. Foreign Currency Risk

Foreign currency and security risk of loss arises from changes in currency exchange rates. Policy states that no more than 15 percent of the fixed income manager positions may be invested in non-dollar denominated securities. Policies for the non-fixed portion of PERS' portfolio are silent regarding this risk. As of June 30, 2009, approximately 3.9 percent of the debt investment portfolio was invested in non-dollar denominated securities. (See Table 13.)

TABLE 12

| Schedule of Interest Rate Risk - Segmented Time Distribution Investment Maturities at June 30, 2009 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Less than 1 year |  | 1-5 years |  | 6-10 years |  | More than 10 years |  | Total Fair Value |  |
| Repurchase Agreements | \$ | 94,731,000 | \$ | - | \$ |  | \$ |  | \$ | 94,731,000 |
| U.S. Treasury Obligations |  | - - |  | 271,393,129 |  | 301,081,580 |  | 77,856,561 |  | 650,331,270 |
| U.S. Federal Agency Mortgage Securities |  | 107,263,860 |  | 2,272,773 |  | 66,987,452 |  | 1,053,235,565 |  | 1,229,759,650 |
| U.S. Federal Agency Debt |  | 9,354,967 |  | 210,143,999 |  | 39,205,074 |  | 100,329,523 |  | 359,033,563 |
| U.S. Federal Agency Strips |  | - |  | - |  | 15,126,031 |  | 99,600 |  | 15,225,631 |
| U.S. Treasury Obligations - Strips |  | - |  | - |  | 2,760,193 |  | - |  | 2,760,193 |
| U.S. Treasury Obligations - TIPS |  | 75,749 |  | , - |  | 37,890,767 |  | 62,049,911 |  | 100,016,427 |
| International Debt Securities |  | 150,763,991 |  | 593,873,999 |  | 611,043,217 |  | 236,482,809 |  | 1,592,164,016 |
| Corporate Bonds |  | 355,736,477 |  | 1,847,349,156 |  | 2,022,932,235 |  | 521,156,894 |  | 4,747,174,762 |
| Government Guaranteed Corporate Bonds |  | - - |  | 62,065,437 |  | - |  | -18, |  | 62,065,437 |
| Municipal Bonds |  | - - |  | - |  | 1,267,591 |  | 38,010,444 |  | 39,278,035 |
| Collateralized Mortgage Obligations |  | 708,427,136 |  | 21,257,562 |  | 3,188,833 |  | 639,935,497 |  | 1,372,809,028 |
| Asset-Backed Securities |  | 188,307,395 |  | 53,081,757 |  | 39,415,905 |  | 69,961,830 |  | 350,766,887 |
| Mutual Funds - Short-Term Investments |  | 1,807,411,430 |  | - |  | - |  | - |  | 1,807,411,430 |
| Mutual Funds - Domestic Fixed Income |  | 37,120,820 |  | 1,234,582,694 |  | 174,525,619 |  | - |  | 1,446,229,133 |
| Mutual Funds - International Fixed Income |  | - |  | 46,270,080 |  | 325,399,484 |  | - |  | 371,669,564 |
| Total Debt Investments | \$ | 3,459,192,825 | \$ | 4,342,290,586 | \$ | 3,640,823,981 | \$ | 2,799,118,634 | \$ | 4,241,426,026 |

TABLE 13

| Currency Exposures by Asset Class in U.S. Dollar Equivalents as of June 30, 2009 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Currency Exposures by Asset Class in <br> Currency | Cash and Cash Equivalents |  |  | Equity |  | Debt |  | Total |  |
| Argentine peso | \$ | \$ | 87,860 | \$ | - | \$ | - | \$ | 87,860 |
| Australian dollar |  |  | 2,389,921 |  | 290,687,773 |  | 47,398,220 |  | 340,475,914 |
| Brazilian real |  |  | 1,667,957 |  | 122,729,849 |  | 44,776,694 |  | 169,174,500 |
| Canadian dollar |  |  | 2,004,198 |  | 310,697,333 |  | 21,721,505 |  | 334,423,036 |
| Chilean peso |  |  | 279,962 |  | 3,652,013 |  | - |  | 3,931,975 |
| Chinese yuan |  |  | 58,301 |  | - |  | - |  | 58,301 |
| Colombian peso |  |  | - |  | 2,346,235 |  | 1,036,798 |  | 3,383,033 |
| Czech koruna |  |  | 410,961 |  | 10,695,988 |  | - |  | 11,106,949 |
| Danish krone |  |  | 735,146 |  | 39,267,236 |  | 16,745,746 |  | 56,748,128 |
| Egyptian pound |  |  | 1,569 |  | 13,673,818 |  | - |  | 13,675,387 |
| Euro |  |  | 20,469,279 |  | 2,211,173,429 |  | 177,608,219 |  | 2,409,250,927 |
| Hong Kong dollar |  |  | 2,248,331 |  | 496,064,655 |  | - |  | 498,312,986 |
| Hungarian forint |  |  | 74,838 |  | 9,852,257 |  | - |  | 9,927,095 |
| Indonesian rupiah |  |  | 25,277 |  | 33,608,942 |  | - |  | 33,634,219 |
| Israeli shekel |  |  | 250,136 |  | 7,725,137 |  | - |  | 7,975,273 |
| Japanese yen |  |  | 13,690,663 |  | 1,657,753,276 |  | 131,200,108 |  | 1,802,644,047 |
| Jordanian dinar |  |  | 1 |  | - - |  | - |  | 1 |
| Malaysian ringgit |  |  | 274,088 |  | 18,299,155 |  | - |  | 18,573,243 |
| Mexican peso |  |  | 28,826 |  | 16,210,240 |  | 135,713 |  | 16,374,779 |
| New Taiwan dollar |  |  | 5,421,978 |  | 152,292,179 |  | - |  | 157,714,157 |
| New Zealand dollar |  |  | 259,964 |  | 9,332,052 |  | 29,020,973 |  | 38,612,989 |
| Norwegian krone |  |  | 2,466,020 |  | 49,345,458 |  | 266,608 |  | 52,078,086 |
| Pakistan rupee |  |  | 192,399 |  | 4,583,981 |  | - |  | 4,776,380 |
| Peruvian nuevo sol |  |  | 32 |  | 607,342 |  | - |  | 607,374 |
| Philippine peso |  |  | 28,618 |  | 2,221,965 |  | - - |  | 2,250,583 |
| Polish zloty |  |  | 4,604 |  | 12,748,674 |  | 1,011,050 |  | 13,764,328 |
| Pound sterling |  |  | 8,645,962 |  | 1,325,413,985 |  | 46,244,129 |  | 1,380,304,076 |
| Russian ruble |  |  | 26,947 |  | - |  | 399,077 |  | 426,024 |
| Singapore dollar |  |  | 2,402,907 |  | 127,323,763 |  | 1,605,812 |  | 131,332,482 |
| South African rand |  |  | 2,832,452 |  | 143,381,824 |  | - |  | 146,214,276 |
| South Korean won |  |  | 225,458 |  | 177,869,540 |  | - |  | 178,094,998 |
| Sri Lankan rupee |  |  | - |  | 1,766,980 |  | - |  | 1,766,980 |
| Sudanese pound |  |  | 51,502 |  | - |  | - |  | 51,502 |
| Swedish krona |  |  | 1,448,515 |  | 200,312,374 |  | 30,422,505 |  | 232,183,394 |
| Swiss franc |  |  | 1,482,053 |  | 357,676,267 |  | - |  | 359,158,320 |
| Thai baht |  |  | 224,607 |  | 29,458,165 |  | - |  | 29,682,772 |
| Turkish lira |  |  | 1,440,341 |  | 85,352,240 |  | 401,026 |  | 87,193,607 |
| Venezuelan bolivar |  |  | 12,455 |  | 8 |  | - |  | 12,463 |
| Total Subject to Foreign Currency Risk |  | \$ | 71,864,128 | \$ | 7,924,124,133 |  | \$ 549,994,183 | \$ | 8,545,982,444 |

## 6. Derivatives

Derivatives are contracts for which the value depends on, or derives from, the value of an underlying asset, reference rate, or index. In accordance with state investment policy, the Office of the State Treasurer invests either directly or through its outside investment managers on behalf of PERS in contracts that have derivative characteristics. Derivatives are used to manage the overall risk of investment portfolios.

PERS reports investments in accordance with GASB Technical Bulletin 2003-01. The standard provides disclosure requirements for governmental units holding derivatives not reported at fair value in the statements of net assets. Since all investments, including those with derivative characteristics, are reported at fair value in accordance with GASB Statements 25 and 31, no additional disclosures are required.

## 7. Reverse Repurchase Agreements

Oregon Investment Council policy permits the PERF to enter into reverse repurchase agreements. As of June 30, 2009, PERS had outstanding reverse repurchase agreements of $\$ 110.0$ million, including accrued interest (rates from 0.33 percent to 0.35 percent), the balance to be repaid on or before July 13, 2009, the maturity date of the agreements. The securities underlying the reverse repurchase agreements were federal agency mortgage pool securities with coupon rates from 5.0 percent to 5.5 percent. As of June 30, 2009, the underlying securities had a fair value of $\$ 115.8$ million, and therefore the credit exposure on that date was $\$ 5.8$ million should the dealers fail to resell the securities to the PERF or provide collateral of equal value. In reinvesting the proceeds of these agreements, the investment manager follows the contractual investment guidelines under which it operates.

## Oregon Public Employees Retirement System

## 8. Unfunded Commitments

OIC has entered into agreements that commit PERF, upon request, to make additional investment purchases up to a predetermined amount. As of June 30, 2009, the PERF had $\$ 8,455.0$ million in commitments to purchase private equity investments and $\$ 2,108.8$ million in commitments to purchase real estate investments. These amounts are unfunded and are not recorded in the Statements of Fiduciary Net Assets.

## C. Securities Lending

In accordance with state investment policies, PERF participates in securities lending transactions. Through securities lending authorization agreements, the state treasury has authorized its custodian to lend its securities pursuant to a form of loan agreement. Both PERF and the borrowers maintained the right to terminate all securities lending transactions on demand. There were no significant violations of the provisions of securities lending agreements during the period of these financial statements.

The custodian had the authority to loan short-term, fixed income, and equity securities and to receive as collateral U.S. dollar and foreign currency cash, U.S. government and agency securities, letters of credit, and foreign sovereign debt of Organization of Economic Cooperation and Development (OECD) countries. Borrowers were required to deliver collateral for each loan equal to not less than 102 percent of the market value of the loaned security or 105 percent in the case of international securities. The custodian did not have the ability to pledge or sell collateral securities absent a borrower default, and PERF did not impose any restrictions during the fiscal year on the amount of the loans the custodian made on its behalf. PERF is fully indemnified against losses due to borrower default by its current custodian. There were no losses dur-
ing the year from the failure of borrowers to return loaned securities and no recoveries of amounts from prior losses.
The maturities of investments made with cash collateral did not generally match the maturities of the securities loaned. Since the securities loaned are callable on demand by either the lender or borrower, the life of the loans at June 30, 2009, is effectively one day. On June 30, 2009, PERF had no credit risk exposure to borrowers because the amounts PERF owes borrowers exceed the amounts borrowers owe PERF. The fair value of invested cash collateral as of June 30, 2009, including accrued income, was $\$ 4,380.0$ million. For the fiscal year ended June 30, 2009, total income from securities lending activity was $\$ 99.4$ million, and total expenses for the period were $\$ 46.3$ million for net income of $\$ 53.1$ million.

The custodian, as lending agent, has created a fund to reinvest cash collateral received on behalf of PERS and other participants in the custodial bank's securities lending program. As permitted under the fund's Declaration of Trust (Declaration), participant purchases and redemptions are transacted at $\$ 1.00$ per unit ("constant value") based on the amortized cost of the fund's investments. Accordingly, the securities lending collateral held and the obligation to the lending agent are both stated at constant value on the Statement of Fiduciary Net Assets. The Declaration also provides that if a significant difference exists between the constant value and the market-based net asset value of investments made with the collateral, the agent may determine that a condition exists that would create inequitable results if redemptions were made at the constant value. In that case, the agent may direct that units be redeemed at fair value, engage in in-kind redemptions, or take other actions to avoid inequitable results for the fund participants, until the difference between the constant value and the fair value is deemed immaterial. (See Table 14.)

TABLE 14
Securities Lending as of June 30, 2009

| Investment Type | Securities on Loan <br> at Fair Value | Cash and Securities <br> Collateral Received | Investments of <br> Cash Collateral at <br> Fair Value |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| U.S. Treasury Securities | $\$ 161,790,389$ |  | $\$$ | $165,178,507$ | $\$$ |
| U.S. Agency Securities | $462,839,207$ |  | $474,179,884$ | $451,078,580,577$ |  |
| Domestic Equity Securities | $2,121,049,987$ |  | $2,186,012,733$ | $2,013,621,177$ |  |
| Domestic Debt Securities | $340,022,368$ |  | $347,132,940$ | $320,984,149$ |  |
| International Equity Securities | $1,637,143,817$ |  | $1,742,405,847$ | $1,336,174,310$ |  |
| International Debt Securities | $47,832,425$ |  | $49,070,730$ | $26,285,113$ |  |
| Allocation from Oregon Short Term Fund | $\underline{77,150,744}$ |  | $78,762,910$ | $\boxed{78,092,611}$ |  |
| Total | $\underline{\mathbf{4 , 8 4 7 , 8 2 8 , 9 3 7}}$ | $\underline{\mathbf{5 , 0 4 2 , 7 4 3 , 5 5 1}}$ | $\underline{\mathbf{4 , 3 7 9 , 9 6 6 , 5 2 3}}$ |  |  |

## (8) Leases

Operating leases are rental agreements where the payments are chargeable as rent and recorded in the services and supplies expense account. Should the legislature disallow the necessary funding for particular leases, all lease agreements contain termination clauses that provide for cancellation of the lease as of the end of a fiscal year. Lease obligations decrease each year because of various lease expirations. It is expected that ongoing leases will be replaced with leases that have higher rental rates due to inflation. Fiscal year 2009 operating lease expenses were $\$ 458,886$. Table 15 summarizes future lease payments for each fiscal year during the next five-year period and thereafter.

## TABLE 15

| Future Lease Payments | Operating Leases |  |
| :---: | :---: | :---: |
|  |  |  |
| 2010 | \$ | 472,582 |
| 2011 |  | 477,309 |
| 2012 |  | 307,775 |
| 2013 |  | 156,014 |
| 2014 |  | 8,049 |
| Thereafter |  | 0 |
| Total Future Minimum |  |  |
| Lease Payments | \$ | 1,421,729 |

## (9) Deferred Compensation Plan

Deferred compensation plans are authorized under Internal Revenue Code Section 457. The Oregon Legislature enacted Chapter 179, Oregon Laws 1997 that established the Deferred Compensation Fund. ORS 243.400 to 243.507 established and provided for PERS to administer the state deferred compensation plan, known as the Oregon Savings Growth Plan (OSGP). As of June 30, 2009, the fair value of investments was $\$ 801.2$ million.

The plan is a benefit available to all state employees. To participate, an employee executes an individual agreement with the state deferring current earnings to be paid at a future date. Participants in the plan are not required to pay federal and state income taxes on the deferred contributions and earnings until the funds are received. Participants or their beneficiaries cannot receive the funds until at least one of the following occurs: termination by reason of resignation, death, disability, or retirement; unforeseeable emergency; or by requesting a de minimis distribution from inactive accounts valued less than $\$ 5,000$. A loan program is also available for eligible participants.

PERS contracts with ING to maintain OSGP participant records. The Office of the State Treasurer, as custodian of the assets, also contracts with State Street Bank and Trust Company to provide financial services. There are 18 investment options with varying degrees of market risk. Up to five financial institutions provide investment services in mutual funds for each investment option. A participant receives a blend of these mutual funds within
the investment option. Participants direct the selection of investment options and also bear any market risk. The state has no liability for losses under the plan but does have the prudent investor responsibility of due care. Total membership as of June 30, 2009, was 19,579.

PERS may assess a charge to the participants not to exceed 2.0 percent on amounts deferred, both contributions and investment earnings, to cover costs incurred for administering the program. Actual charges to participants, including investment charges, for the year ended June 30, 2009, averaged 0.26 percent of amounts deferred.

Oregon Revised Statute 243.505 established a Deferred Compensation Advisory Committee to provide input to the PERS Board. This committee is composed of seven members who meet at least quarterly.

## (10) Long-Term Debt

In 1997 PERS completed construction on its retirement system headquarters building in Tigard, Oregon. The construction was financed by the sale of certificates of participation. The certificates of participation (COPs) were sold March 16, 1996, for $\$ 8.6$ million at a 5.45 percent interest rate. On March 1, 2002, a new COP, Series B, was issued at a 4.41 percent interest rate and was used to partially refund the original Series A COP. The remaining Series A COP was repaid May 1, 2006. The Series B COP amount outstanding is $\$ 4,550,000$ and has a final repayment due May 1, 2017.

Table 16 summarizes all future PERS building COP payments of principal and interest for each fiscal year during the next five-year period ending June 30, 2014, and the remaining period ending June 30, 2017. The current portion of the PERS building debt is $\$ 470,000$.

In 2004 Series A COPs were issued to finance the purchase of computer software and system upgrades to maintain accuracy and statutory compliance with current Oregon law. The COPs were sold June 16, 2004, for $\$ 9.9$ million at a 3.20 percent interest rate. The final Series A COP payment was made May 1, 2009.

TABLE 16
PERS Building Debt Service Requirements to Maturity

| Fiscal Year | Series "B" |  |  |  |  | Total <br> Expenses |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Principal |  | Interest |  |  |
| 2010 | \$ | 470,000 | \$ | 238,875 | \$ | 708,875 |
| 2011 |  | 500,000 |  | 214,200 |  | 714,200 |
| 2012 |  | 520,000 |  | 187,950 |  | 707,950 |
| 2013 |  | 550,000 |  | 160,650 |  | 710,650 |
| 2014 |  | 580,000 |  | 131,775 |  | 711,775 |
| 2015-2017 |  | 1,930,000 |  | 205,800 |  | 2,135,800 |
| Total | \$ | 4,550,000 |  | ,139,250 |  | 5,689,250 |

Table 17 summarizes the changes in long-term debt for the year ended June 30, 2009.

Long-Term Debt Activity

|  | Balance July 1, 2008 |  | Additions |  | Deductions |  | $\begin{gathered} \text { Balance } \\ \text { June 30, } 2009 \end{gathered}$ |  | Amounts Due Within One Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PERS Building Principal | \$ | 4,995,000 | \$ | - | \$ | 445,000 | \$ | 4,550,000 | \$ | 470,000 |
| OPSRP Computer System |  | 2,075,000 |  | - |  | 2,075,000 |  | - |  | - |
| Plus: Premium (Net) |  | 237,690 |  | - |  | 38,730 |  | 198,960 |  | 25,236 |
| Less: Deferred Gain (Net) |  | $(200,124)$ |  | - |  | $(29,001)$ |  | $(171,123)$ |  | $(29,001)$ |
| Total COPs Payable | \$ | 7,107,566 | \$ | - | \$ | 2,529,729 | \$ | 4,577,837 | \$ | 466,235 |

## 11) Litigation

Following is a summary of current PERS-related lawsuits:

## A. White, et al. v. PERB

These consolidated cases challenge the settlement of the City of Eugene case, the reallocation of 1999 earnings, the adoption of new rate orders for employers, and the allocation of 2003 earnings. Various local PERS employers intervened and also began a separate action in Marion Count Circuit Court (Canby, see below).

On June 11, 2009, Circuit Court Judge Kantor issued a decision granting summary judgment to PERB and the local PERS employer intervenors. The Court entered judgment for PERB July 9, 2009, and petitioners filed a notice of appeal July 13, 2009.

Petitioners' opening brief on appeal was due October 30, 2009. On October 15, 2009, they filed a motion for extension of time to December 4, 2009, which was later extended to December 28, 2009. PERB's response brief will be due 49 days after petitioners' opening brief (February 16, 2010). Legal counsel is unable to express an opinion as to the outcome of this case on appeal.

## B. Arken v. PERB and Robinson v. PERB

These cases are before Judge Kantor in Multnomah County Circuit Court. In Arken, filed January 30, 2006, petitioners challenge PERB's withholding of certain retirees' COLAs for 2003 through 2006 and PERB's recoupment of overpayments based on the reallocation of 1999 earnings. In Robinson, filed May 1, 2006, petitioners challenged PERB's recoupment of overpayments on different grounds.

The parties filed cross-motions for summary judgment. On June 20, 2007, Judge Kantor ruled in favor of the petitioners in both Arken and Robinson, on the grounds argued by the Robinson petitioners.

On August 16, 2007, Judge Kantor heard oral arguments on several motions in Robinson and Arken, including petitioners' motion for reconsideration in Arken. On May 24, 2008, Judge Kantor issued another opinion in the two cases, ruling in favor of PERB in Arken, but ruling in favor of petitioners in Robinson.

Judge Kantor entered the judgment dismissing Arken September 15, 2008. Petitioners have appealed to the Oregon Court of Appeals. The parties completed briefing June 30, 2009, and the case is awaiting an order from the Court of Appeals setting oral argument.

On February 3, 2009, Judge Kantor signed a stipulated order certifying Robinson as a class action and entered final judgment in favor of petitioners on March 3, 2009. On March 23, 2009, PERB filed a notice of appeal, and petitioners subsequently filed a notice of cross-appeal. On March 25, 2009, PERB moved for an order staying the judgment pending appeal. On June 3, 2009, Judge Kantor entered an order staying judgment.

PERB filed its opening brief in the Court of Appeals July 27, 2009. After obtaining two extensions of time, petitioners' response brief and brief on their cross-appeal is now due January 4, 2010. PERB's reply brief will be due 21 days after petitioners' brief is filed (January 25, 2010).

Legal counsel is unable to provide an opinion as to the outcome of these two cases on appeal.

## C. Stanton v. PERB

On May 5, 2006, in Klamath County Circuit Court, petitioners filed a lawsuit with the same claims as Arken (see above). Petitioners' counsel indicated they will await the court's decision on the summary judgment motions in Arken, and then the parties will decide how to proceed. Legal counsel is unable to provide an opinion as to the outcome.

## D. Canby Utility Board, et al. v. State of Oregon, PERB

Public employers filed a lawsuit against PERB June 14, 2004, claiming that when PERB reallocated the 1999 earnings in response to Judge Lipscomb's finding on the retroactive participation in the variable account by employers, public employers did not get an appropriate allocation. This case is stayed until the White case (see above) is resolved. Legal counsel is unable to provide an opinion as to the outcome.
> E. Consolidated 2003 Rate Order Cases (Baker County Library District v. State of Oregon, Adrian School District No. 61 v. State of Oregon, City of Albany v. State of Oregon, Baker County v. State of Oregon, League of Oregon Cities v. State of Oregon, and Canby Utility Board v. State of Oregon)

Public employers challenged PERB's employer rate orders issued in 2003. The petitions for review were consolidated December 9, 2003. This case, along with Canby (see above) is stayed until the White case is resolved. Legal counsel is unable to provide an opinion as to the outcome.

## Required Supplementary Information <br> Schedules of Funding Progress (dollar amounts in millions) ${ }^{9}$

| Actuarial Valuation Date | Actuarial Value of Assets <br> (a) | Actuarial Accrued Liability (AAL) <br> (b) | Unfunded AAL <br> (UAAL) <br> (b-a) | Funded Ratio (a/b) | Covered Payroll (c) | UAAL as a \% of Covered Payroll ((b-a)/c) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Defined Benefit Pensions-Tier One/Tier Two and OPSRP ${ }^{1}$ |  |  |  |  |  |  |
| 12/31/2000 | \$ 41,739.6 | \$ 42,783.9 | \$ 1,044.3 | 97.6\% | \$ 6,195.9 | 16.9\% |
| 12/31/2001 | 39,772.7 | 45,386.1 | 5,613.4 | 87.6 | 6,254.0 ${ }^{2}$ | 89.8 |
| 12/31/2001 ${ }^{3}$ | 39,772.7 | 37,258.3 | $(2,514.4)$ | 106.7 | 6,254.0 | (40.2) |
| 12/31/2002 ${ }^{3}$ | 35,446.9 | 38,947.0 | 3,500.1 | 91.0 | 6,383.5 | 54.8 |
| 12/31/2003 ${ }^{3}$ | 42,753.3 | 44,078.1 | 1,324.8 | 97.0 | 6,248.5 | 21.2 |
| 12/31/2004 ${ }^{4,5}$ | 45,581.1 | 47,398.6 | 1,817.5 | 96.2 | 6,772.4 ${ }^{6}$ | 26.8 |
| $12 / 31 / 2005^{6,7}$ | 51,382.6 | 49,294.0 | $(2,088.6)$ | 104.2 | 6,791.9 | (30.8) |
| 12/31/2006 | 56,616.5 | 51,252.9 | $(5,363.5)$ | 110.5 | 7,326.8 | (73.2) |
| 12/31/2007 ${ }^{8}$ | 59,327.8 | 52,871.2 | $(6,456.7)$ | 112.2 | 7,721.8 | (83.6) |
| 12/31/2008 | 43,520.6 | 54,259.5 | 10,738.9 | 80.2 | 8,130.1 | 132.1 |

Postemployment Healthcare Benefits - Retirement Health Insurance Account

| 12/31/2000 | \$ | 62.1 | \$ | 543.5 | \$ | 481.4 | 11.4\% |  | 6,195.9 | 7.8\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12/31/2001 |  | 76.6 |  | 532.1 |  | 455.5 | 14.4 |  | 6,254.0 ${ }^{2}$ | 7.3 |
| 12/31/2001 ${ }^{3}$ |  | 76.6 |  | 533.2 |  | 456.6 | 14.4 |  | 6,254.0 | 7.3 |
| 12/31/2002 ${ }^{3}$ |  | 87.4 |  | 542.3 |  | 454.9 | 16.1 |  | 6,383.5 | 7.1 |
| 12/31/2003 ${ }^{3}$ |  | 117.1 |  | 522.5 |  | 405.4 | 22.4 |  | 6,248.5 | 6.5 |
| 12/31/2004 ${ }^{5}$ |  | 148.0 |  | 556.9 |  | 408.9 | 26.6 |  | 6,772.4 ${ }^{6}$ | 6.0 |
| 12/31/2005 |  | 181.0 |  | 495.9 |  | 314.9 | 36.5 |  | 6,791.9 | 4.6 |
| 12/31/2006 |  | 221.3 |  | 511.8 |  | 290.5 | 43.2 |  | 7,326.8 | 4.0 |
| 12/31/2007 |  | 250.8 |  | 499.6 |  | 248.8 | 50.2 |  | 7,721.8 | 3.2 |
| 12/31/2008 |  | 183.8 |  | 494.0 |  | 310.2 | 37.2 |  | 8,130.1 | 3.8 |

Postemployment Healthcare Benefits - Retiree Health Insurance Premium Account

| $12 / 31 / 2000$ | $\$$ | 2.9 | $\$$ | 23.1 | $\$$ | 20.2 | $12.6 \%$ | $\$ 1,984.0$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $12 / 31 / 2001$ |  | 3.0 |  | 29.5 | 26.5 | 10.2 | $1,954.1^{2}$ | $1.0 \%$ |
| $12 / 31 / 2001^{3}$ |  | 2.9 |  | 29.6 | 26.7 | 9.8 | $1,954.1$ | 1.4 |
| $12 / 31 / 2002^{3}$ |  | 2.9 |  | 30.1 | 27.2 | 9.6 | $1,741.9$ | 1.6 |
| $12 / 31 / 2003^{3}$ |  | 4.0 |  | 25.0 | 21.0 | 16.0 | $1,711.9$ | 1.2 |
| $12 / 31 / 2004^{5}$ |  | 5.2 |  | 28.2 | 23.0 | 18.4 | $1,851.4^{6}$ | 1.2 |
| $12 / 31 / 2005$ |  | 6.1 |  | 27.0 | 20.9 | 22.7 | $1,827.0$ | 1.1 |
| $12 / 31 / 2006$ | 7.0 |  | 23.4 | 16.4 | 30.0 | $1,946.8$ | 0.8 |  |
| $12 / 31 / 2007$ | 7.8 | 23.3 | 15.5 | 33.6 | $2,080.2$ | 0.7 |  |  |
| $12 / 31 / 2008$ | 5.7 | 21.3 | 15.6 | 26.7 | $2,217.9$ | 0.7 |  |  |

## Notes:

${ }^{1}$ Includes UAAL for Multnomah Fire District (\$149 million as of December 31, 2008).
${ }^{2}$ Effective with the 2001 valuation, Annual Active Member Payroll excludes the member pick-up, if any.
${ }^{3}$ The 2001 valuation was revised to include the impact of PERS Reform Legislation enacted in 2003. Figures through December 31, 2003, do not reflect the judicial review or subsequent Board action.
${ }^{4}$ Effective with the 2004 valuation, the Oregon Supreme Court rulings in Strunk v. PERB, et al. (issued March 8, 2005) and City of Eugene v. State of Oregon, PERB, et al. (issued August 11, 2005) are reflected.
5 Effective with the 2004 valuation, the cost method was changed from Entry Age Normal to Projected Unit Credit, and the actuarial value of assets was changed from a four-year smoothed value to market value.
6 Assets and liabilities for OPSRP are first valued in the 2005 valuation. OPSRP payroll, however, was included in the amortization of the UAAL beginning with the 2004 valuation.

7 Reflects the transfer in assets and liabilities for new employers that joined the SLGRP effective January 1, 2006.
8 Reflects the transfer in assets and liabilities for new employers that joined the SLGRP effective January 1, 2008.
9 Discrepancies contained in this table are the result of rounding differences

## Oregon Public Employees Retirement System

## Required Supplementary Information <br> Schedules of Employer Contributions <br> (dollar amounts in millions)

| Actuarial Valuation Date | Annual Required Contribution ${ }^{1,2}$ | Percentage Contributed ${ }^{2,8}$ |
| :---: | :---: | :---: |
| Defined Benefit Pension Plan |  |  |
| 12/31/2008 | \$ 707.4 | 100\% ${ }^{3}$ |
| 12/31/2007 | 805.7 | 74 |
| 12/31/2006 | 938.6 | 63 |
| 12/31/2005 | 488.5 | $101{ }^{4}$ |
| 12/31/2004 | 364.8 | $100^{4}$ |
| 12/31/2003 | 537.4 | 100 |
| 12/31/2002 | 665.9 | $97^{5}$ |
| 12/31/2001 | 681.5 | $95^{5}$ |
| 12/31/2000 | 635.6 | $95^{5}$ |
| 12/31/1999 | 545.9 | $97^{5}$ |
| Postemployment Healthcare Plan - Retirement Health Insurance Account ${ }^{6}$ |  |  |
| 12/31/2008 | \$ 33.0 | 85\% |
| 12/31/2007 | 38.8 | 91 |
| 12/31/2006 | 44.3 | 89 |
| 12/31/2005 | 39.0 | 100 |
| 12/31/2004 | 35.7 | 100 |
| 12/31/2003 | 40.8 | 100 |
| 12/31/2002 | 41.0 | 100 |
| 12/31/2001 | 41.7 | 100 |
| 12/31/2000 | 41.1 | 100 |
| 12/31/1999 | 37.4 | 100 |
| Postemployment Healthcare Plan - Retiree Health Insurance Premium Account ${ }^{7}$ |  |  |
| 12/31/2008 | \$ 2.9 | 63\% |
| 12/31/2007 | 2.7 | 79 |
| 12/31/2006 | 2.5 | 90 |
| 12/31/2005 | 2.4 | 100 |
| 12/31/2004 | 2.6 | 100 |
| 12/31/2003 | 2.2 | 100 |
| 12/31/2002 | 1.6 | 100 |
| 12/31/2001 | 1.3 | 100 |
| 12/31/2000 | 1.1 | 100 |
| 12/31/1999 | 1.7 | 100 |

1 The Annual Required Contribution prior to July 1, 2007, is based on the July 1, 2005 rates developed in the December 31, 2003 Milliman valuation prior to the adjustment to phase-in the rate increase and adjusted for supplemental payments since December 31, 2003. For most employers, the actual amount contributed from July 1, 2005, to June 30, 2007, was based on the phased-in rates.
2 The Annual Required Contribution shown is an estimated amount based on system-wide contribution rates in effect for the year in question and system payroll as reported by PERS. For example, the 2008 pension benefits ARC is based on rates developed in the 12/31/2005 actuarial valuation and 2008 payroll as reported by PERS.
3 Commencing $7 / 1 / 2007$, system employers generally contribute $100 \%$ of the Annual Required Contribution, as a percent of pay. The actual dollar amount contributed in a given calendar year can vary from the estimated Annual Required Contribution based on factors such as month-to-month variations in payroll and timing of contributions.
4 OPSRP Pension Program contributions combined with Defined Benefit Pension Plan contributions.
5 Due to a significant increase in employer contribution rates based on the December 31, 1997 and December 31, 1999 actuarial valuations, the Board allowed employers to elect to defer increases to future periods.
6 The Retirement Health Insurance Account provides postemployment healthcare benefits for eligible members for all participating employers.
7 The Retiree Health Insurance Premium Account provides postemployment healthcare benefits only for eligible members who retired from state of Oregon employers.
8 Percentages were changed to whole numbers in 2009. Prior amounts are restated.

## Notes to Required Supplementary Information

Valuation Date

Actuarial Cost Method

Amortization Method

December 31, 2008

Projected Unit Credit

The UAL is amortized as a level percentage of payroll. The Tier One/Tier Two regular UAL and Retiree Healthcare regular UAL as of December 31, 2007, are amortized over a closed period. For the Tier One/Tier Two UAL, this period is 20 years; for Retiree Healthcare it is 10 years. Gains and losses between subsequent odd-year valuations are amortized as a level percentage of combined valuation payroll over 20 years ( 10 years for Retiree Healthcare) from the odd-year valuation in which they are first recognized. Contribution rates effective July 1, 2007, through June 30, 2011, reflect an accelerated amortization of the change in UAL due to the change from Entry Age Normal to Projected Unit Credit on December 31, 2004.

Gains and losses for OPSRP benefits are amortized over a closed 16 years from the odd-year valuation in which they are first recognized.

Equivalent Single Amortization Period

| Pension | 3 years |
| :--- | ---: |
| RHIA | 30 years |
| RHIPA | 30 years |

The Equivalent Single Amortization Period calculation is performed with the ARC-selling valuation. This was calculated most recently in the December 31, 2007 actuarial valuation.

Actuarial Assumptions:

Investment Rate of Return
Payroll Growth
Consumer Price Inflation
Health Cost Inflation
Cost-of-living Adjustments
Method Used to Value Assets
8.00 percent
3.75 percent
2.75 percent

Graded from 7.0 percent in 2009 to 4.5 percent in 2029.
2.00 percent

The actuarial value of assets is equal to the fair market value of assets, reduced by the Contingency, Capital Preservation, and Rate Guarantee Reserves.

## Oregon Public Employees Retirement System

## Schedule of Plan Net Assets

Defined Benefit Pension Plan

## As of June 30, 2009



## Schedule of Changes in Plan Net Assets <br> Defined Benefit Pension Plan <br> For the Year Ended June 30, 2009

|  |  Oregon Public <br>  Service Retirement <br> Plan  <br> Regular Pension <br> Account Program |  |  | Variable Account |  | Totals |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 2009 | 2008 |  |
| Additions: |  |  |  |  |  |  |  |  |  |
| Contributions: |  |  |  |  |  |  |  |  |  |
| Employer | \$ 559,133,180 | \$ | 90,573,711 |  |  | \$ | - | \$ | 649,706,891 | \$ | 763,164,823 |
| Plan Member | 6,986,526 |  | - |  | 1,465,504 |  | 8,452,030 |  | 11,937,362 |
| Total Contributions | 566,119,706 |  | 90,573,711 |  | 1,465,504 |  | 658,158,921 |  | 775,102,185 |
| Investment Income: |  |  |  |  |  |  |  |  |  |
| Net Appreciation (Depreciation) in Fair Value of Investments | (13,425,472,328) |  | $(91,178,187)$ |  | (386,406,764) |  | (13,903,057,279) |  | $(3,963,465,171)$ |
| Interest, Dividends, and Other Investment Income | 1,256,957,070 |  | 8,717,136 |  | 527,836 |  | 1,266,202,042 |  | 1,434,011,357 |
| Total Investment Income | $(12,168,515,258)$ |  | $(82,461,051)$ |  | $(385,878,928)$ |  | $(12,636,855,237)$ |  | $(2,529,453,814)$ |
| Less Investment Expense | 315,273,182 |  | 2,071,753 |  | 378,441 |  | 317,723,376 |  | 324,360,832 |
| Net Investment Income | $(12,483,788,440)$ |  | $(84,532,804)$ |  | $(386,257,369)$ |  | $(12,954,578,613)$ |  | (2,853,814,646) |
| Securities Lending Income: |  |  |  |  |  |  |  |  |  |
| Securities Lending Income | 94,235,340 |  | 600,287 |  | 1,279 |  | 94,836,906 |  | 265,759,945 |
| Less Securities Lending Expense | 43,892,497 |  | 280,979 |  | 927 |  | 44,174,403 |  | 217,120,829 |
| Net Securities Lending Income | 50,342,843 |  | 319,308 |  | 352 |  | 50,662,503 |  | 48,639,116 |
| Other Income | 694,627 |  | 938 |  | - |  | 695,565 |  | 439,501 |
| Total Additions | (11,866,631,264) |  | 6,361,153 |  | $(384,791,513)$ |  | (12,245,061,624) |  | (2,029,633,844) |
| Deductions: |  |  |  |  |  |  |  |  |  |
| Benefits | 2,746,519,076 |  | 551,908 |  | 42,234,632 |  | 2,789,305,616 |  | 2,756,873,121 |
| Death Benefits | 912,848 |  | - |  | - |  | 912,848 |  | 11,432,179 |
| Refunds of Contributions | 36,373,938 |  | - |  | 175,025 |  | 36,548,963 |  | 50,660,781 |
| Administrative Expense | 25,146,745 |  | 7,043,078 |  | 1,463,713 |  | 33,653,536 |  | 33,050,622 |
| Interaccount Transfers | $(78,524,862)$ |  | - |  | 78,524,862 |  | - |  | - - |
| Total Deductions | 2,730,427,745 |  | 7,594,986 |  | 122,398,232 |  | 2,860,420,963 |  | 2,852,016,703 |
| Net Increase (Decrease) | $(14,597,059,009)$ |  | $(1,233,833)$ |  | (507,189,745) |  | (15,105,482,587) |  | $(4,881,650,547)$ |
| Net Assets Held in Trust for Pension Benefits |  |  |  |  |  |  |  |  |  |
| Beginning of Year | 56,380,834,762 |  | 314,652,622 |  | 1,314,804,347 |  | 58,010,291,731 |  | 62,891,942,278 |
| End of Year | \$41,783,775,753 | \$ | 313,418,789 |  | \$ 807,614,602 | \$ | 42,904,809,144 | \$ | 58,010,291,731 |

## Oregon Public Employees Retirement System

Schedule of Administrative Expenses
For the Years Ended June 30, 2009 and 2008

|  | 2009 |  | 2008 |  |
| :---: | :---: | :---: | :---: | :---: |
| Personal Services: |  |  |  |  |
| Staff Salaries | \$ | 16,325,265 | \$ | 16,457,809 |
| Social Security |  | 1,259,100 |  | 1,243,445 |
| Retirement |  | 3,067,845 |  | 2,955,490 |
| Insurance |  | 4,331,247 |  | 4,241,229 |
| Assessments |  | 114,412 |  | 113,733 |
| Total Personal Services |  | 25,097,869 |  | 25,011,706 |
| Professional Services: |  |  |  |  |
| Actuarial |  | 460,445 |  | 549,323 |
| Data Processing |  | 628,284 |  | 522,548 |
| Audit |  | 261,990 |  | 192,398 |
| Legal Counsel |  | 745,561 |  | 813,313 |
| Medical Consultants |  | 83,455 |  | 84,327 |
| Training and Recruitment |  | 192,499 |  | 288,349 |
| Contract Services |  | 9,617,865 |  | 8,841,777 |
| Healthcare Fees |  | 2,728,712 |  | 2,580,803 |
| Total Professional Services |  | 14,718,811 |  | 13,872,838 |
| Communications: |  |  |  |  |
| Printing |  | 1,800 |  | 239,220 |
| Telephone |  | 209,355 |  | 236,372 |
| Postage |  | 722,436 |  | 442,006 |
| Travel |  | 96,355 |  | 114,835 |
| Total Communications |  | 1,029,946 |  | 1,032,433 |
| Rentals: |  |  |  |  |
| Office Space |  | 498,698 |  | 422,702 |
| Equipment |  | 165,864 |  | 143,870 |
| Total Rentals |  | 664,562 |  | 566,572 |
| Miscellaneous: |  |  |  |  |
| Central Government Charges |  | 694,993 |  | 746,730 |
| Supplies |  | 971,600 |  | 666,452 |
| Maintenance |  | 968,734 |  | 892,940 |
| Non-Capitalized Equipment |  | 363,012 |  | 137,167 |
| Depreciation |  | 1,259,294 |  | 1,401,814 |
| COP Amortization |  | 338,016 |  | 419,767 |
| Total Miscellaneous |  | 4,595,649 |  | 4,264,870 |
| Total Administrative Expenses | \$ | 46,106,837 | \$ | 44,748,419 |

## Schedule of Payments to Consultants and Contractors For the Years Ended June 30, 2009 and 2008

|  | Commission / Fees |  |  |
| :--- | ---: | ---: | :--- |
| Individual or Firm | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ | Nature of Service |
|  |  |  |  |
| Orrick, Herrington \& Sutcliffe LLP | $\$ 349,633$ | $\$ 238,718$ | Legal |
| Ice Miller® | 14,101 | 10,228 | Legal |
| Bullivant Houser Bailey PC | 18,951 | 163,458 | Legal |
| Oregon Department of Justice | 323,834 | 314,341 | Legal |
| EDS, an HP Company | $5,157,860$ | $3,740,552$ | Technology |
| Provaliant, Inc. | 837,000 | $1,145,760$ | Technology |
| nextSource Inc | $1,792,644$ | 796,711 | Technology |
| QA Partners LLC | 186,575 | 319,800 | Technology |
| CEM Benchmarking Inc. | 35,000 | 35,000 | Benchmarking |
| Mercer Human Resources Consulting LLC | 460,445 | 469,990 | Actuarial |
| Oregon Audits Division | 261,990 | 207,527 | Audit |
| Benefit Partners \& Associates LLP | 76,236 | 75,820 | Health Insurance |
| Lawrence Duckler, MD | 7,219 | 8,475 | Medical |
| Ronald N. Turco MD | 8,985 | - | Medical |
| Oregon Medical Evaluations | 9,800 | 6,300 | Medical |
| ING | $2,062,019$ | $2,300,654$ | IAP Administration |
| MVM Consulting | 12,485 | - | Training |

## Summary of Investment Fees, Commissions, and Expenses For the Years Ended June 30, 2009 and 2008

|  | 2009 |  | 2008 |
| :---: | :---: | :---: | :---: |
| International Equity Fund Managers |  |  |  |
| Acadian Asset Management, Inc. | \$ 2,397,413 | \$ | 3,754,305 |
| AllianceBernstein International | 4,928,489 |  | 9,828,560 |
| AQR Capital Management | 2,573,076 |  | 4,029,814 |
| Arrowstreet Capital, LP | 3,471,853 |  | 5,257,381 |
| Barclays Global Investors | 2,105,301 |  | 4,610,293 |
| Brandes Investment Partners LLC | 2,926,295 |  | 4,244,227 |
| Genesis Investment Management, Ltd. | 2,439,994 |  | 3,328,165 |
| Goldman Sachs | 3,426,570 |  | 7,357,643 |
| Lazard Asset Management | 1,067,146 |  | 1,462,801 |
| Pictet Asset Management Limited | 1,923,926 |  | 3,355,822 |
| Pyramis Global Investors | 1,714,261 |  | 2,822,063 |
| TT International Co., Ltd. | 2,053,972 |  | 3,286,943 |
| Walter Scott \& Partners Limited | 2,548,550 |  | 3,926,374 |
| Other International Equity Fund Managers | 3,132,498 |  | 863,339 |
| Domestic Equity Fund Managers |  |  |  |
| Alethia Asset Management | 1,056,910 |  | 1,213,145 |
| AQR Capital Management | 894,851 |  | 1,815,923 |
| Barclays Global Investors | 548,269 |  | 2,013,740 |
| The Boston Company Asset Management, LLC | 1,031,077 |  | 2,072,208 |
| Delaware Capital Management | 1,197,114 |  | 533,303 |
| Franklin Asset Management | 698,973 |  | 1,928,639 |
| Mazama Capital Management | 596,958 |  | 1,676,026 |
| MFS Institutional Advisors, Inc. | 1,991,990 |  | 3,000,690 |
| Northern Trust Company | 1,035,887 |  | 1,235,244 |
| PIMCO | 808,322 |  | 4,554,205 |
| Wanger Asset Management, LP | 1,758,934 |  | 3,901,563 |
| Wellington Management Company, LLP | 1,497,852 |  | 2,446,532 |
| Wells Capital Management | 1,595,598 |  | 2,562,219 |
| Other Domestic Equity Fund Managers | 4,586,955 |  | 4,766,188 |
| Debt Securities Managers |  |  |  |
| Alliance Capital Management | 2,528,553 |  | 3,122,614 |
| BlackRock Asset Management | 2,521,905 |  | 2,984,182 |
| Fidelity Management Trust Co. | 3,114,681 |  | 3,942,643 |
| KKR Financial Credit Portfolio | 7,511,046 |  |  |
| Wellington Management Company, LLP | 1,858,643 |  | 2,240,631 |
| Western Asset Management Company | 1,763,973 |  | 2,154,115 |
| Other Debt Securities Managers | 6,173 |  | 69,687 |
| Opportunity Portfolio Managers | 4,903,073 |  | 1,002,646 |
| Custodian |  |  |  |
| State Street Bank | 294,926 |  | 174,100 |
| Private Equity Managers |  |  |  |
| Affinity Equity Partners | 2,000,000 |  | 2,000,000 |
| Apollo Management | 3,945,362 |  | 2,750,097 |
| Aquiline Capital Partners | 4,837,034 |  | 1,434,066 |
| Black Diamond Capital Management | 2,132,347 |  | 1,995,094 |
| CCMP Asia Opportunity | 3,292,012 |  | 2,691,964 |
| CVC Capital Partners | 7,087,888 |  | 1,603,985 |
| Centerbridge Partners | 1,055,965 |  | 1,732,650 |
| Coller Capital | 1,001,366 |  | 1,781,559 |
| Endeavor Capital Partners | 2,047,280 |  | 2,334,375 |
| First Reserve | 4,178,602 |  |  |
| Fisher Lynch Capital | 2,325,000 |  | 1,787,294 |
| Grove Street Advisors, LLC | 5,892,768 |  | 5,042,067 |
| Kohlberg Kravis Roberts \& Co. | 23,738,366 |  | 6,578,187 |
| Lion Capital | 3,033,292 |  | 4,272,253 |
| New Mountain Capital | 1,922,427 |  | 2,596,875 |
| Oak Hill Capital Partners | 4,317,270 |  | 3,741,567 |
| Palamon European Equity | 1,992,499 |  | 3,330,799 |
| Parthenon Capital | 3,069,104 |  | 3,427,858 |
| Pathway Private Equity | 3,761,123 |  | 1,687,500 |
| Providence Equity Partners | 6,180,340 |  | 3,815,788 |
| Tailwind Capital Partners | 5,272,978 |  |  |
| TPG Partners | 9,598,755 |  | 4,294,330 |
| Terra Firma Investments | 2,338,254 |  | 1,333,116 |
| Other Private Equity Fund Managers | 34,880,988 |  | 21,108,184 |
| Real Estate Fees and Expenses | 41,872,771 |  | 34,209,501 |
| State Treasury Fees | 5,197,663 |  | 4,233,032 |
| Brokerage Commissions | 28,277,402 |  | 36,456,968 |
| Other Investment Fees and Expenses | 37,657,347 |  | 73,767,636 |
| Deferred Compensation Investment Fees and Expenses | 2,051,107 |  | 2,434,274 |
| Total Investment Fees, Commissions, and Expenses | \$ 335,469,317 | \$ | 339,978,992 |

The Honorable Theodore R. Kulongoski Governor of Oregon

Public Employees Retirement Board Oregon Public Employees Retirement System

## REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

We have audited the basic financial statements of the Oregon Public Employees Retirement System (system) as of and for the year ended June 30, 2009, and have issued our report thereon dated December 18, 2009. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States.

## Internal Control Over Financial Reporting

In planning and performing our audit, we considered the system's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the system's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the system's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the entity's financial statements that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the entity's internal control.

Our consideration of the internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

## Compliance and Other Matters

As part of obtaining reasonable assurance about whether the system's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

This report is intended solely for the information and use of the Public Employees' Retirement Board, the system's management, the governor of the State of Oregon, others within the entity, and the Oregon Legislative Assembly and is not intended to be and should not be used by anyone other than these specified parties.

## OREGON AUDITS DIVISION



Kate Brown<br>Oregon Secretary of State

December 18, 2009

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## Investment Section

Investment Officer's Report
RONALD D. SCHMITZ DIRECTOR INVESTMENT DIVISION

STATE OF OREGON<br>OFFICE OF THE STATE TREASURER<br>350 WINTER STREET NE, SUITE 100<br>SALEM, OREGON 97301-3896

October 6, 2009

## Dear PERS Members:

I hope readers will forgive me starting this year's letter out with an analogy-in this case, linked to a popular movie from a few years ago: Like a ship that is sailing for a distant port, Oregon's investments are mapped out and the course is set far into the future. We know where we are trying to go-but we don't necessarily know which way the wind will be blowing at any given time, or when/where we'll run into heavy seas. But we expect there will be smooth, fast sailing in some parts of our journey - and also some foul weather to cope with. The late 2007 through early 2009 period has been the perfect storm.

Investing is a long-term proposition, and in Oregon we look at the long-term goals that have been established for the OIC by statute. Sometimes, it can be hard to think beyond the horizon when there are storm clouds building, but history has shown that the best investment returns come with discipline and commitment to long-term strategies. Going forward, we remain on the course of prudent, long-term growth. We are headed in the right direction to meet the long term, actuarially assumed 8 percent earnings rate.
Still, in the short term, it's hard not to take note of the financial travails of the past year.
As was well documented during 2008 and into early 2009, we were in an environment that will go down as one of the most far reaching global economic downturns in history. No matter the asset class, it has been exceedingly painful. Domestic equity stocks declined over 50 percent before the rally in the second quarter of 2009 (as measured by the S\&P 500 Index) and international markets performed even worse (as measured by the MSCI All Country World Index Ex US).
While market declines are certainly nothing new, the consistency of the decline across all asset classes and the global nature of the deterioration, made this bear market undeniably historic. As the chart below demonstrates, we have indeed experienced something remarkable. Only the market associated with the Great Depression has fallen as fast or as far.


The credit markets were no safe haven either, with the failure of Lehman Brothers "leading" the way. While most domestic fixed income indices were able to eke out small gains, most active managers underweighted US Treasury securities and suffered accordingly. While a diversified portfolio includes other asset classes beyond stocks and bonds, real estate values (which arguably were the key catalyst for the global financial crisis) tumbled in stunning fashion as well.

As the year 2009 began, the economy and the markets continued the dirge-like march downward until -at last-a rally began in March. After a 30+ percent increase in stock prices, we are still on track as the second worse market in the past one hundred or so years. But with the credit markets improving and the economic data halting its free fall, we can hope that the next fiscal year will not only be better but will usher in a continuing rally in the markets.

Given the above-described environment, OPERF had a tough year-losing 22.2 percent of its value during the fiscal year ended June 30, 2009. All asset classes except for fixed income suffered a similar fate-losses of between 25 percent and 30 percent. Fixed income did generate small gains but it was like spitting in the wind. Contrast this bear market with that from the 2000-2002 period. Back then, while the stock market plunged downward - more slowly than it did this past fiscal year -other asset classes such as fixed income, real estate and private equity generated positive returns. The expected diversification benefits of multiple asset classes were not to be found in 2008.

We are often asked why OPERF invests so much in riskier assets such as stocks, real estate and private equity. (Of course this question rarely comes during the bull market -only in the depths of a bear market.) The answer is simple. These assets outperform bonds over long periods of time and provide better inflation hedging.

Consider that the difference between the average age of plan participants and retirement is twenty years and that the typical 65 year old lives another fifteen years. This provides a $20-30$ year investment horizon. With stocks being the best returning long-term asset class, you can see why equity exposure is so high in the typical pension fund.

We are also frequently asked why OPERF did not see the train wreck coming in 2008, and why we did not "get out" of the markets. The reality is that the ability to get in and out of the market at the "right time" does not exist with any consistency. In fact, very few pension funds engage in active market timing.

There is an old joke that goes something like this: Economists have predicted eleven out of the last seven bear markets. Therein lies the problem. For market timing to work, one must be right a high percentage of the time as the transaction costs from moving tens of billions of dollars is quite high. Conversely, the cost of being wrong and missing the market on the way up is quite high as bull markets tend to come in short, unpredictable spurts.

Of course, there are those who claim that they saw this coming. Notably, few of these after-the-fact prognosticators expressed these views before the market decline. (Hindsight is always 20-20. And there always seems to be a rash of people saying "I told you so" after the fact.) But there are indeed a few that made the call a couple of years ago. The problem is that the group of folks that also made the call correctly in 1999 or 2000 was nowhere to be found this time around. Academic literature simply does not support market timing as a viable strategy. However, individual investors, with a high degree of desire to avoid regret, often do attempt to time the markets. This makes sense for them but not for long term institutional investors investing for a large number of people on a commingled basis.

So, what does the future hold? Obviously we do not know. But the federal bank rescue packages and fiscal stimulus, despite the likely inefficient implementation, seems to have forestalled a Depression scenario. Will the result be increased inflation, or is deflation still a risk? Both possibilities have strong arguments in their favor. Will the economy bounce back as vibrant as before? Again, we do not have the answer. There is still a lot of debt in the system that needs to work itself out into sustainable levels. This may well dampen economic activity. But we do expect gains in GDP to begin to show up in the numbers -perhaps at modest rather than robust levels. That is good news. The storm seems to have passed.

The prudent thing to do is to maintain a well-diversified portfolio. That, we can assure you, is the case. Oregon is still considered a thought leader in the investment world. And OPERS remains the best funded state-wide pension plan in the country. Let's all hope that the news next year is much more upbeat, and that calmer seas have returned.
Could $0 \cdot \sin$ it
Ron Schmitz
Chief Investment Officer

## Oregon Public Employees Retirement System

## Description of Investment Policies

Oregon Revised Statute (ORS) 293.706 established the Oregon Investment Council (OIC), which consists of five voting members. Four members of the council, who are qualified by training and experience in the field of investment or finance, are appointed by the governor subject to state Senate confirmation. The state treasurer serves as the council's remaining voting member. In addition, the director of the Public Employees Retirement System serves as a non-voting OIC member.

ORS 293.701 defines the investment funds over which OIC has responsibility. Included are the Public Employees Retirement Fund (PERF) and the Deferred Compensation Fund. OIC establishes policies for the investment and reinvestment of moneys in the investment funds as well as the acquisition, retention, management, and disposition of investments in the investment funds. OIC is also responsible for providing an examination of the effectiveness of the investment program.

OIC ensures moneys in the investment funds are invested and reinvested to achieve the investment objective of making the moneys as productive as possible. Furthermore, the investments of those funds are managed as a prudent investor would do under the prevailing circumstances and in light of the purposes, terms, distribution requirements, and laws governing each investment fund. This standard requires the exercise of reasonable care, skill, and caution and is applied to investments not in isolation, but in the context of each fund's portfolio as part of an overall investment strategy. The strategy should incorporate risk and return objectives reasonably suitable to the particular investment fund.

When implementing investment decisions, OIC has a duty to diversify the investments of the investment funds unless, under the circumstances, it is not prudent to do so. In addition, OIC must act with prudence when selecting agents and delegating authority.

OIC has approved the following asset classes for the PERF: Short-Term Investing, Fixed Income, Real Estate, and Public and Private Equities. OIC must approve, in advance, the purchase of investments in a new asset class not described above.

OIC maintains an open-door policy wherein investment officers employed by the Office of the State Treasurer will hear and consider investment proposals and solicitations from any person, firm, or partnership that submits a proposal or solicitation in good faith. However, under no circumstance does this policy require that the Office of the State Treasurer purchase the proposed investment.
OIC also maintains an equal opportunity policy. When awarding contracts or agreements, OIC does not discriminate because of age, race, color, sex, religion, national origin, marital status, sexual orientation, or disability. Furthermore, OIC encourages firms doing or seeking to do business with OIC to have equal opportunity programs. OIC requires that all written contracts or agreements with OIC incorporate reference that affirms compliance with applicable nondiscrimination, equal opportunity, and contract compliance laws.

OIC meets monthly and in compliance with ORS 192.630-660 holds its meeting in a public forum. Public notice, including a meeting agenda, is provided to interested persons and news media that have requested notice. Written minutes and recordings are taken at all meetings.

OIC also regularly reviews various aspects of investment policy, performance of investment managers and accounts, asset allocation, and a large number of investment proposals and recommendations. OIC's statement of Investment Objectives and Policy Framework is available on the State Treasurer's website at http://www.ost.state. or.us/About/OIC/Governance.Documents.asp

## Investment Results

|  | Periods Ending June 30, 2009 |  |  |
| :---: | :---: | :---: | :---: |
|  | 1-Year | Annualized |  |
|  |  | 3-Year | 5-Year |
| Total Portfolio | (22.3)\% | (3.9)\% | 2.9\% |
| Total Portfolio, Excluding Variable | (22.2) | (3.8) | 3.0 |
| Policy Benchmark | (18.8) | (2.6) | 2.8 |
| Domestic Stocks | (28.0) | (9.0) | (2.0) |
| Benchmark: Russell 3000 Index | (26.6) | (8.4) | (1.8) |
| International Stocks | (29.1) | (4.7) | 5.7 |
| Benchmark: Custom Index ${ }^{1}$ | (30.5) | (5.4) | 5.0 |
| Fixed Income Segment | 2.1 | 3.9 | 4.2 |
| Benchmark: Custom Index ${ }^{2}$ | 5.3 | 5.9 | 5.0 |
| Real Estate ${ }^{3}$ | (27.7) | (4.5) | 8.6 |
| Benchmarks: NCREIF Index | (14.7) | 4.2 | 9.4 |
| NCREIF Equity REIT Index | (43.3) | (18.0) | (2.7) |
| Private Equity ${ }^{4}$ | (25.8) | 0.2 | 11.8 |
| Benchmark: Russell $3000+300 \mathrm{bps}$ | (33.7) | (9.7) | (0.6) |

Calculations were prepared using a time-weighted rate of return based on the market rate in accordance with the Global Investment Performance standards performance presentation standards.

[^1]
## OIC Target and Actual Investment Allocations as of June 30, 2009



|  | $\begin{gathered} \text { Low } \\ \text { Range } \end{gathered}$ | High <br> Range | OIC Target <br> Allocation |  | Actual Allocation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash | 0.0\% | 3.0\% | 0.0\% | Cash | 2.8\% |
| Debt Investments | 22.0 | 32.0 | 27.0 | Debt Investments | 30.4 |
| Real Estate | 8.0 | 14.0 | 11.0 | Real Estate | 10.2 |
| Public Equity | 41.0 | 51.0 | 46.0 | Public Equity | 37.2 |
| Private Equity | 12.0 | 20.0 | 16.0 | Private Equity | 17.4 |
| Opportunity Portfolio | 0.0 | 0.0 | 0.0 | Opportunity Portfolio | 2.0 |
|  | 83.0\% | 120.0\% | 100.0\% |  | 100.0\% |

## Oregon Public Employees Retirement System

## List of Largest Assets Held

## Largest Stock Holdings (by Fair Value)

June 30, 2009

| Shares | Description |
| ---: | :--- |
| $1,929,224$ | sanofi-aventis |
| $2,002,152$ | AstraZeneca |
| $1,236,758$ | Exxon Mobil Corp. |
| $2,077,331$ | Nestlé SA |
| $7,691,271$ | Ericsson L M Tel |
| $3,280,115$ | Telefonica SA |
| $4,189,136$ | GlaxoSmithKline |
| 465,734 | Apple Inc. |
| $3,854,059$ | BG Group |
| $2,683,556$ | Microsoft Corporation |

Total

## Fair Value

\$ 113,301,347
88,052,879
86,461,752
78,161,358
75,147,198
74,165,779
73,714,499
66,334,494
64,613,024
63,788,126
\$ 783,740,456

## Largest Bond Holdings (by Fair Value)

June 30, 2009

| Par Value | Description | Fair Value |  |
| :---: | :---: | :---: | :---: |
| 149,500,000 | U.S. Treasury Notes 4.5\% | \$ | 162,178,303 |
|  | Due 2-15-2016 |  |  |
| 120,400,000 | U.S. Treasury Notes 4.375\% | 130,314,194 |  |
|  | Due 8-15-2012 |  |  |
| 141,570,000 | First Data Corp Sr Notes 144A 9.875\% | 100,514,700 |  |
|  | Due 9-24-2015 |  |  |
| 88,712,664 | Nielson Finance VNU Term Loan B 0.375\% | 80,897,966 |  |
|  | Due 8-9-2013 |  |  |
| 52,855,000 | Netherlands Government 4\% | 75,857,070 |  |
|  | Due 7-15-2018 |  |  |
| 75,915,000 | Federal National Mortgage Association 2.75\% | 75,817,880 |  |
|  | Due 3-13-2014 |  |  |
| 79,661,411 | Calpine Corporation First Priority Term Loans 5.685\% | 70,905,825 |  |
|  | Due 3-29-2014 |  |  |
| 66,880,000 | U.S. Treasury Notes 3.75\% | 68,029,663 |  |
|  | Due 11-15-2018 |  |  |
| 68,510,000 | U.S. Treasury Notes 2.25\% | 67,592,653 |  |
|  | Due 5-31-2014 |  |  |
| 64,800,000 | J.P. Morgan Repurchase Agreement 0.09\% |  | 64,800,000 |
|  | Due 7-1-2009 |  |  |
|  | Total | \$ | 896,908,254 |

A complete list of portfolio holdings may be requested from the Office of the State Treasurer, 350 Winter Street NE, Suite 100, Salem, OR 97301-3896.

## Schedule of Fees and Commissions <br> For the Fiscal Year Ended June 30, 2009

|  | Assets Under <br> Management | Fees | Basis <br> Points |
| :--- | ---: | ---: | ---: | ---: |
| Investment Managers' Fees: |  |  |  |
| $\quad$ Debt Securities Managers | $\$ 14,241,426,026$ | $\$ 19,304,974$ | 0.135555 |
| Public Equity Managers | $17,443,513,318$ | $56,363,453$ | 0.323120 |
| Real Estate Managers | $4,79,460,071$ | $41,872,771$ | 0.873540 |
| Private Equity Managers (Limited Partnerships) | $8,14,656,702$ | $139,901,020$ | 1.716860 |
| $\quad$ Opportunity Portfolio Managers | $\underline{959,636,941}$ | $4,903,073$ | 0.510930 |
| Total Assets Under Management | $\underline{\$ 45,586,693,058}$ |  |  |

Other Investment Service Fees:

Investment Consultants
Commissions and Other Fees
Total Investment Service and Managers' Fees

2,226,772
70,897,254
\$335,469,317

## Schedule of Broker Commissions

For the Fiscal Year Ended June 30, 2009

| Broker's Name | Commission | Shares / Par | Commission <br> per Share |
| :--- | ---: | ---: | :---: |
| Goldman, Sachs \& Co. | $4,548,263$ | $\$$ | $216,300,354$ |
| Credit Suisse First Boston Corporation | $1,952,343$ | $445,236,283$ | 0.02103 |
| Merrill Lynch, Pierce, Fenner \& Smith, Inc. | $1,890,639$ | $192,793,897$ | 0.00438 |
| J.P. Morgan | $1,774,678$ | $217,696,314$ | 0.00981 |
| Morgan Stanley \& Co., Incorporated | $1,361,498$ | $278,957,415$ | 0.00815 |
| Citigroup Global Markets Inc. | $1,341,984$ | $244,611,755$ | 0.00488 |
| UBS Securities Inc. | $1,265,222$ | $226,878,821$ | 0.00549 |
| Deutsche Bank | 992,123 | $181,232,459$ | 0.00558 |
| Instinet Corporation | 807,214 | $181,065,240$ | 0.00447 |
| State Street Bank and Trust Company | 710,949 | $173,081,849$ | 0.00411 |
| Investment Technology Group Inc. | 486,659 | $96,364,698$ | 0.00505 |
| Liquidnet, Inc. | 463,730 | $29,830,448$ | 0.01555 |
| Citation Group | 447,037 | $16,307,053$ | 0.02741 |
| Frank Russell Company | 436,790 | $15,210,762$ | 0.02872 |
| Nomura Securities International, Inc. | 364,390 | $39,475,201$ | 0.00923 |
| Jefferies \& Company | 354,045 | $14,064,003$ | 0.02517 |
| MacQuarie Securities | 327,716 | $69,621,226$ | 0.00471 |
| Barclays Capital | 282,009 | $14,568,171$ | 0.01936 |
| ABN AMRO Bank N.V. | 270,201 | $67,056,978$ | 0.00403 |
| Société Générale | 267,570 | $58,470,981$ | 0.00458 |

Brokerage commissions on purchases and sales are too numerous to list; therefore, only the top 20 brokers by amount of commission paid are shown.

## Oregon Public Employees Retirement System

## Investment Summary

| Type of Investment | Fair Value at June 30, 2009 | Percent of Total Fair Value |
| :---: | :---: | :---: |
| Debt Securities |  |  |
| U.S. Government Securities | \$ 753,107,890 | 1.65\% |
| U.S. Agency Securities | 1,604,018,844 | 3.52 |
| Corporate Bonds | 4,943,249,234 | 10.84 |
| Asset-Backed Securities | 1,723,575,915 | 3.78 |
| International Debt Securities | 1,592,164,016 | 3.49 |
| Mutual Funds - Short-Term Investments | 1,807,411,430 | 3.96 |
| Mutual Funds - Domestic Fixed Income | 1,446,229,133 | 3.17 |
| Mutual Funds - International Fixed Income | 371,669,564 | 0.82 |
| Total Debt Securities | 14,241,426,026 | 31.23 |
| Public Equity |  |  |
| Domestic Equity Securities | 4,933,438,387 | 10.82 |
| International Equity Securities | 8,252,471,013 | 18.10 |
| Mutual Funds - Domestic Equity | 1,672,451,146 | 3.67 |
| Mutual Funds - Global Equity | 828,988,953 | 1.82 |
| Mutual Funds - International Equity | 1,599,564,102 | 3.51 |
| Mutual Funds - Target Date | 156,599,717 | 0.34 |
| Total Public Equity | 17,443,513,318 | 38.26 |
| Real Estate | 4,793,460,071 | 10.52 |
| Private Equity | 8,148,656,702 | 17.88 |
| Opportunity Portfolio | 959,636,941 | 2.11 |
| Total Fair Value | $\underline{\text { \$ 45,586,693,058 }}$ | $\underline{\underline{100.00 \%}}$ |

Actuarial Section

## MERCER

MARSH MERCER KROLL
GUY CARPENTER OLIVER WYMAN

October 17, 2009

Retirement Board
Oregon Public Employees Retirement System
Dear Members of the Board:
We have prepared an actuarial valuation of the Oregon Public Employees Retirement System as of December 31, 2008, including both the Chapter 238 and Chapter 238A programs. Actuarial valuations are performed annually, but only valuations performed as of the end of each odd-numbered year are used to determine annual required contributions. Interim valuations performed as of the end of each evennumbered year are advisory only.

The valuation is based on financial and membership data furnished by the System. The System's actuary would not customarily verify this data. We have reviewed the information for internal consistency and reasonableness and have no reason to doubt its substantial accuracy.

All costs, liabilities and other factors were determined in accordance with generally accepted actuarial principles and procedures, and in accordance with our understanding of the provisions of current State statutes and regulations issued thereunder.

The Retirement Board has sole authority to determine the actuarial assumptions and methods used for the valuation. The actuarial assumptions and methods used in the 2008 actuarial valuation were adopted by the Board based upon our recommendations and the results of our experience study as of December 31, 2008. We believe the actuarial methods and assumptions to be reasonable. The assumptions and methods used for funding do not always meet the parameters set for disclosures by Governmental Accounting Standards Board Statement Nos. 25 and 43. Where the funding amount does not meet GASB parameters, the Annual Required Contribution has been adjusted to satisfy the GASB parameters.

Mercer prepared the following information that is presented in the Actuarial Section of the 2009
Comprehensive Annual Financial Report (CAFR) based on the December 31, 2008 actuarial valuation:

- Schedule of Active Member Valuation Data
- Schedule of Retirees and Beneficiaries Added to and Removed from Rolls
- Schedules of Funding Progress by Rate Pool
- Solvency Test
- Analysis of Financial Experience
- Schedules of Funding Progress
- Schedules of Employer Contributions
- Notes to Required Supplementary Schedules

We understand the Acturial Section of the CAFR will also include summaries of the actuarial methods, actuarial assumptions, and plan provisions valued. These summaries are contained in our forthcoming December 31, 2008 actuarial valuation report.

## MERCER

MARSH MERCER KROLL
GUY CARPENTER OLIVER WYMAN

Amounts shown for the December 31, 2003 actuarial valuation and earlier are the amounts reported by the prior actuary for those valuations. Amounts shown for the December 31, 2005 and later actuarial valuations include both Chapter 238 and Chapter 238A assets and liabilities.

All members hired prior to August 29, 2003 are covered under Chapter 238. These benefits are administered using some cost-sharing pools and some independent employer valuations. All school districts share costs through the school district pool. Some local governments have joined the State and Local Government Rate Pool to share costs. There are also 138 independent employers who do not share costs with the other employers except through the Benefits in Force Reserve that pools the experience of those in pay status across all employers and all other pooling arrangements.

All members hired after August 28, 2003 are covered under Chapter 238A, except for those members who previously established membership under Chapter 238 and meet the requirements to reinstate those benefits. Costs for Chapter 238A members are shared across all employers regardless of their status under the Chapter 238 arrangements. Chapter 238 benefits and Chapter 238A benefits are parts of a single plan.

Finally, some employers have made lump sum deposits in addition to their regularly scheduled contributions. These deposits are placed in a side account within the pension trust and used to offset future contribution requirements of that employer. For financial reporting purposes, lump sum deposits are not considered as contributions toward meeting the Annual Required Contribution (ARC) or the contractually required contribution for employers in a cost-sharing pool. However, side accounts are included as assets in the development of the ARC or contractually required contributions. The Schedule of Funding Progress and Solvency Test also include side accounts as part of the Plan's assets.

The exhibits reflect our current understanding of the Strunk and Eugene rulings. That understanding includes Tier 1 member earnings crediting of $11.33 \%$ for 1999 (and $8.00 \%$ for later years) and retroactive granting of cost of living adjustments (COLAs) to retirees who had previously had their COLA frozen. This understanding is consistent with our prior year valuation. Finally, please note that we have made no adjustment to reflect any interpretation of Judge Kantor's June 20, 2007 ruling in the Arken and Robinson cases.

We are available to answer any questions on the material contained in the report, or to provide explanations or further details as may be appropriate. The undersigned credentialed actuaries meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained in this report.

Sincerely,


Matt Larrabee, FSA, EA, MAAA
Principal


Scott D. Preppernau, FSA, EA, MAAA Senior Associate

MRL/SDP/mrl:gjw
The information contained in this document (including any attachments) is not intended by Mercer to be used, and it cannot be used, for the purpose of avoiding penalties under the Internal Revenue Code that may be imposed on the taxpayer.

## Oregon Public Employees Retirement System

## Actuarial Assumptions and Methods

## Tier One/Tier Two

## Actuarial Methods and Valuation Procedures

The Board adopted the following actuarial methods and valuation procedures for the December 31, 2008 and 2009 actuarial valuations of PERS Tier One/Tier Two benefits. The actuarial methods and procedures were first adopted effective December 31, 2004.

## Actuarial cost method Projected Unit Credit. Under the Projected Unit Credit cost method, the

 objective is to fund each member's benefit under the plan as it accrues, taking into consideration expected future compensation increases. Thus, the total pension to which each member is expected to become entitled at retirement is broken down into units, each associated with a year of past or future credited service. Typically, when this method is introduced, there will be an initial liability for benefits credited for service prior to that date, and to the extent that the liability is not covered by assets of the plan, there is an unfunded liability to be funded over a stipulated period in accordance with an amortization schedule.A detailed description of the calculation follows:

- An individual member's accrued benefit for valuation purposes related to a particular separation date is the accrued benefit described under the plan, determined using the projected compensation and service that would be used in the calculation of the benefit on the expected separation date, multiplied by the ratio of credited service as of the valuation date over credited service as of the expected separation date. In no event can this be less than the accrued benefit described under the plan, determined using the compensation and service as of the valuation date.
- The benefit deemed to accrue for an individual member during a plan year is the excess of the accrued benefit for valuation purposes at the end of the plan year over the accrued benefit for valuation purposes at the beginning of the plan year. Both accrued benefits are calculated from the same projections to the various anticipated separation dates as described above.
- An individual member's accrued liability is the present value of the accrued benefit for valuation purposes at the beginning of the plan year, and an individual member's normal cost is the present value of the benefit deemed to accrue in the plan year. The accrued liability and the normal cost for an individual member are the sum of the component accrued liabilities and normal costs associated with the various anticipated separation dates. Such accrued liabilities and normal costs reflect the accrued benefits as modified to obtain the benefits payable on those dates and the probability of the member separating on those dates.
- The plan's normal cost is the sum of the individual member normal costs, and the plan's accrued liability is the sum of the accrued liabilities for all members under the plan.


## Amortization of change in UAL due to change in actuarial cost method (PUC change UAL)

Contribution rates effective July 1, 2007, through June 30, 2011, reflect an accelerated amortization of the change in UAL that occurred when the PUC cost method was first adopted for the December 31, 2004 valuation. By the time the current contribution rates are changed on July 1, 2011, four years of contributions will have been collected toward the three-year amortization base. Consequently, the PUC change amortization was eliminated from the valuation so it will not be included in contribution rates that become effective July 1, 2011.

The Tier One/Tier Two regular UAL and Retiree Healthcare regular UAL as of December 31, 2007, are amortized as a level percentage of combined valuation payroll over a closed period. For the Tier One/Tier Two UAL, this period is 20 years; for Retiree Healthcare, it is 10 years. Gains and losses between subsequent odd-year valuations are amortized as a level percentage of combined valuation payroll over 20 (10 for Retiree Healthcare) years from the odd-year valuations in which they are first recognized.

| Asset valuation method | The actuarial value of assets equals the market value of assets, excluding the <br> Contingency, Capital Preservation, and Rate Guarantee Reserves. The value of <br> assets used to determine employer contribution rates has historically excluded any <br> assets in the Tier One Rate Guarantee Reserve (RGR). Due to investment results in |
| :--- | :--- |
|  | 2008 the RGR is a deficit situation as of December 31, 2008. As part of the Bard's |
| July 16, 2009 motion approving actuarial assumptions and methods, the Board |  |
| approved continued exclusion of the RGR from calculation of valuation assets. As |  |
| a result, valuation assets exceed the fair value of assets as of December 31, 2008. It |  |
| is our understanding that if an RGR deficit persists for five years, employers may |  |
| be required to restore the RGR. |  |
| Market values are reported to Mercer by PERS. It is our understanding that select |  |
| real estate and private equity investments are reported on a three-month lag |  |
| basis. For those investments, the change in value between September 30, 2008, |  |
| and December 31, 2008, due to the market downturn could be significant. This |  |
| valuation report does not attempt to quantify any such effect. |  |

## Oregon Public Employees Retirement System

## Economic Assumptions

The Board adopted the following economic assumptions for the December 31, 2008 and 2009 actuarial valuations. The investment return assumption was first adopted in 1989, and the interest crediting assumptions were adopted in 2003. The healthcare cost inflation assumption was adopted December 31, 2008. All other economic assumptions were first adopted in 2005.

| Investment return | 8.0 percent compounded annually |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Interest crediting | 8.0 percent compounded annually on members' regular account balances 8.5 percent compounded annually on members' variable account balances |  |  |  |
| Inflation | 2.75 percent compounded annually |  |  |  |
| Payroll growth | 3.75 percent compounded annually. This assumption represents the sum of the inflation assumption and a real wage growth assumption of 100 basis points. |  |  |  |
| Healthcare cost inflation | Health cost trend rates are used to predict increases in the RHIPA Maximum Subsidy. |  |  |  |
|  | Year ${ }^{1}$ | Rate | Year | Rate |
|  | 2009 | 7.0\% | 2020 | 6.2 |
|  | 2010 | 7.0 | 2021 | 6.0 |
|  | 2011 | 7.0 | 2022 | 5.8 |
|  | 2012 | 6.9 | 2023 | 5.6 |
|  | 2013 | 6.9 | 2024 | 5.4 |
|  | 2014 | 6.9 | 2025 | 5.2 |
|  | 2015 | 6.9 | 2026 | 5.0 |
|  | 2016 | 6.8 | 2027 | 4.9 |
|  | 2017 | 6.8 | 2028 | 4.7 |
|  | 2018 | 6.6 | 2029+ | 4.5 |
|  | 2019 | 6.4 |  |  |

## Demographic Assumptions

The Board adopted the following demographic assumptions for the December 31, 2008 and 2009 actuarial valuations.

## Mortality

The following mortality tables were first adopted in the December 31, 2008 valuation.

## Healthy Retired Members

| Basic Table | RP 2000, Generational Combined Active/Healthy Annuitant, |
| :--- | :---: |
| Sex Distinct |  |, | School District male | White collar, set back 12 months |
| :--- | :---: |
| Other General Service male (including <br> male beneficiary) | White collar, no set back |
| Police and Fire male | Blended 33 percent blue collar, no set back |
| School District female | White collar, set back 18 months |
| Other female <br> (including female beneficiary) | Blended 33 percent blue collar, no set back |

The following disabled retiree mortality rates were first adopted for the December 31, 2008 actuarial valuation.

## Disabled Retired Members

| Basic Table | RP 2000, Static, Combined Active/Healthy Annuitant, |
| :--- | :---: |
| No Collar, Sex Distinct |  |$|$| Male | Set Forward 60 months, min of 2.25 percent |
| :--- | :---: |
| Female | Set Forward 48 months, min of 2.25 percent |

## Oregon Public Employees Retirement System

The following mortality rates were first adopted for non-annuitant members for the December 31, 2008 actuarial valuation.
Non-Annuitant Members

| Basic Table | Percent of Healthy Retired Mortality Tables |
| :--- | :---: |
| School District male | $75 \%$ |
| Other General Service male | 75 |
| Police \& Fire male | 70 |
| School District female | 50 |
| Other female | 50 |

## Retirement Assumptions

The retirement assumptions used in the actuarial valuation include the following:

- Retirement from active status/dormant status
- Probability a member will elect a lump-sum option at retirement
- Percentage of members who elect to purchase credited service at retirement.


## Rates of Retirement from Active Status

The following retirement rate assumptions were first adopted in the December 31, 2008 valuation.
Judge members are assumed to retire at age 63 .

Police and Fire

| Age | Police and Fire |  |  | General Service/School Districts |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | < 13 yrs | 13-24 | 25+ Years | General Service |  | School Districts |  | 30+ yrs |
|  |  |  |  | $<15 \mathrm{yrs}$ | 15-29 Years | $<15 \mathrm{yr}$ | 15-29 Years |  |
| 50 | 1.0\% | 3.0\% | 35.0\% |  |  |  |  | 27.0\% |
| 51 | 1.0 | 3.0 | 20.0 |  |  |  |  | 27.0 |
| 52 | 1.0 | 3.0 | 20.0 |  |  |  |  | 40.0 |
| 53 | 1.0 | 3.0 | 20.0 |  |  |  |  | 40.0 |
| 54 | 1.0 | 3.0 | 20.0 |  |  |  |  | 35.0 |
| 55 | 3.0 | 12.0 | 20.0 | 1.0\% | 5.0\% | 1.0\% | 8.0\% | 30.0 |
| 56 | 3.0 | 8.5 | 20.0 | 1.0 | 4.0 | 1.0 | 6.0 | 25.0 |
| 57 | 3.0 | 8.5 | 20.0 | 1.5 | 3.0 | 1.0 | 5.0 | 25.0 |
| 58 | 3.0 | 8.5 | 20.0 | 1.5 | 9.0 | 2.0 | 13.0 | 25.0 |
| 59 | 5.0 | 8.5 | 20.0 | 2.5 | 9.0 | 2.0 | 13.0 | 25.0 |
| 60 | 5.0 | 8.5 | 20.0 | 4.0 | 9.0 | 3.0 | 13.0 | 20.0 |
| 61 | 5.0 | 8.5 | 20.0 | 4.0 | 9.0 | 5.0 | 13.0 | 20.0 |
| 62 | 10.0 | 30.0 | 40.0 | 10.0 | 16.0 | 10.0 | 20.0 | 30.0 |
| 63 | 10.0 | 20.0 | 40.0 | 7.5 | 14.0 | 9.0 | 16.0 | 20.0 |
| 64 | 10.0 | 10.0 | 40.0 | 7.5 | 14.0 | 9.0 | 16.0 | 20.0 |
| 65 | 100.0 | 100.0 | 100.0 | 11.0 | 24.0 | 14.0 | 27.0 | 28.0 |
| 66 |  |  |  | 18.0 | 33.0 | 16.0 | 32.0 | 20.0 |
| 67 |  |  |  | 15.0 | 22.0 | 10.0 | 29.0 | 20.0 |
| 68 |  |  |  | 12.0 | 17.0 | 7.5 | 20.0 | 20.0 |
| 69 |  |  |  | 12.0 | 17.0 | 7.5 | 20.0 | 20.0 |
| 70 |  |  |  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## Oregon Public Employees Retirement System

## Retirement from Dormant Status

Dormant members are assumed to retire at Normal Retirement Age (age 58 for Tier One, age 60 for Tier Two, age 60 for judges, and age 55 for Police and Fire) or at the first unreduced retirement age ( 30 years of service, or age 50 with 25 years of service for Police and Fire).

## Lump-Sum Option at Retirement

Members retiring may elect to receive a full or partial lump sum at retirement. The probability that a retiring member will elect a lump sum at retirement is summarized in the table below. These rates were first adopted effective December 31, 2008.

| Partial Lump Sum: | $6 \%$ for all years |
| :--- | :---: |
| Total Lump Sum: | $6 \%$ for 2009, declining by $0.5 \%$ per year until reaching $0.0 \%$ |
| No Lump Sum: | $88 \%$ in 2009, increasing by $0.5 \%$ until reaching $94.0 \%$ |

## Purchase of Credited Service at Retirement

The following percentages of members are assumed to purchase credit for the six-month waiting period at retirement. These rates were first adopted effective December 31, 2008.

| Money Match Retirements: | $0 \%$ |
| :--- | ---: |
| Non-Money Match Retirements: | $55 \%$ |

## Judge Member Plan Election

All judge members are assumed to elect to retire under the provisions of Plan B.

## Disability Assumptions

There are two disability assumptions used in the valuation-duty disability and ordinary disability. Duty disability rates are separated between police and fire and general service, while ordinary disability is the same for all members. The rates for ordinary disability were first adopted effective December 31, 2008. The rates for duty disability were first adopted effective December 31, 2008.

| Type | Percentage of the 1985 <br> Disability Class 1 Rates |
| :--- | :---: |
| Duty Disability Police and Fire | $15 \%$ |
| Duty Disability General Service | $1.5 \%$ |
| Ordinary Disability | $50 \%$ with $0.2 \%$ cap |

## Termination Assumptions

The termination assumptions used in the actuarial valuation include the following assumptions:

- Termination from active status prior to retirement eligibility
- Probability that a member will not take a lump-sum distribution prior to retirement.

All of the termination assumptions were first adopted effective December 31, 2008.

## Termination Rates

Sample termination rates are shown for each group below:

| Age | School District | SLGRP |  | Independent Employers |  | Police and Fire |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | General Service Male | General Service Female | General Service Male | General Service Female |  |
| 30 | 4.32\% | 8.08\% | 9.58\% | 6.11\% | 9.10\% | 3.45\% |
| 40 | 2.63 | 4.63 | 5.36 | 3.84 | 5.70 | 2.17 |
| 50 | 1.90 | 2.74 | 3.19 | 2.47 | 3.58 | 1.24 |

## Probability of Refund Before Retirement

The following table shows the probability that vested terminated members will elect to withdraw accumulated member contributions instead of receiving a deferred benefit for sample ages.

| Age | General <br> Service | Police \& Fire |
| :---: | :---: | :---: |
| 30 | $17.50 \%$ | $30.00 \%$ |
| 40 | 17.50 | 27.00 |
| 50 | 7.78 | 0.00 |

## Salary Increase Assumptions

The salary increase assumptions reflected in the actuarial valuation include:

- Merit scale increases in addition to the payroll growth increase
- Unused Sick Leave adjustments
- Vacation pay adjustments


## Merit Increases

Merit increases are based on duration of service for the following groups. The rates were first adopted effective December 31, 2008. For plan years 2009 and 2010, the merit increase is assumed to be 0 percent.

| Duration | School District | Other General <br> Service | Police \& Fire |
| :---: | :---: | :---: | :---: |
| 5 | $2.07 \%$ | $2.17 \%$ | $2.55 \%$ |
| 10 | 1.18 | 1.13 | 1.20 |
| 15 | 0.53 | 0.63 | 0.67 |
| 20 | 0.13 | 0.45 | 0.59 |

## Unused Sick Leave

Members covered by the provision allowing unused sick leave to be used to increase final average salary are assumed to receive increases in their final average salary in accordance with the table below. This adjustment is not applied to disability benefits. The rates for State general service female, School District and local general service male, and police and fire members were first adopted December 31, 2008. The rates for local general service females were adopted effective December 31, 2001, and all other rates were adopted effective December 31, 2005.

| Actives | Rates |
| :--- | :--- |
| State GS Male | $5.75 \%$ |
| State GS Female | 4.25 |
| School District Male | 7.50 |
| School District Female | 6.75 |
| Local GS Male | 4.25 |
| Local GS Female | 3.00 |
| State Police and Fire | 7.25 |
| Local Police and Fire | 8.25 |
| Dormants |  |
| All members | $3.50 \%$ |

## Vacation Pay

Members eligible to receive a lump-sum payment of unused vacation pay are assumed to receive increases in their final average salary in accordance with the table below. This adjustment is not applied to disability benefits.

|  | Rates |
| :--- | :--- |
| Tier One Non-School District/Judges | $2.8 \%$ |
| Tier One School District | 1.4 |
| Tier Two | 0.0 |

## Retiree Healthcare Participation

The following percentages of eligible retiring members are assumed to elect RHIPA and RHIA coverage.

| RHIPA | $9 \%$ |
| :--- | :--- |
| RHIA |  |
| - Healthy Retired | $42.5 \%$ |
| - Disabled Retired | 20 |

These rates were first adopted effective December 31, 2008.

## Actuarial Methods and Assumptions - OPSRP

Most of the methods and assumptions adopted for the OPSRP valuation are the same as those used for Tier One/Tier Two. A summary of the methods and assumptions that differ for OPSRP are summarized below. These assumptions are used for the December 31, 2008 and December 31, 2009 actuarial valuations.

## Actuarial Methods and Valuation Procedures

## OPSRP UAL amortization

Gains and losses between odd-year valuations are amortized as a level percentage of combined valuation payroll (Tier One/Tier Two plus OPSRP payroll) over 16 years from the valuation in which they are first recognized.

## Economic Assumptions

Administrative expenses: $\$ 6.6$ million per year is added to the normal cost.

## Demographic Assumptions

## Retirement Assumptions

Retirement from Active Status

| Police and Fire |  |  |  | General Service |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | $<13$ years | 13-24 years | $25+$ years | $<15$ years | 15-29 years | $30+$ years |
| 50 | 1.0\% | 2.0\% | 7.5\% |  |  |  |
| 51 | 1.0 | 2.0 | 7.5 |  |  |  |
| 52 | 1.0 | 2.0 | 7.5 |  |  |  |
| 53 | 1.0 | 2.0 | 35.0 |  |  |  |
| 54 | 1.0 | 2.0 | 20.0 |  |  |  |
| 55 | 3.0 | 5.0 | 20.0 | 1.0\% | 5.0\% | 5.0\% |
| 56 | 3.0 | 5.0 | 20.0 | 1.0 | 4.0 | 5.0 |
| 57 | 3.0 | 5.0 | 20.0 | 1.5 | 3.0 | 7.5 |
| 58 | 3.0 | 5.0 | 20.0 | 1.5 | 3.0 | 35.0 |
| 59 | 5.0 | 5.0 | 20.0 | 2.5 | 3.0 | 25.0 |
| 60 | 5.0 | 15.0 | 20.0 | 4.0 | 3.75 | 20.0 |
| 61 | 5.0 | 8.5 | 20.0 | 4.0 | 5.0 | 20.0 |
| 62 | 10.0 | 30.0 | 40.0 | 7.0 | 12.0 | 30.0 |
| 63 | 10.0 | 20.0 | 40.0 | 6.0 | 10.0 | 20.0 |
| 64 | 10.0 | 10.0 | 40.0 | 6.0 | 10.0 | 20.0 |
| 65 | 100.0 | 100.0 | 100.0 | 12.0 | 40.0 | 20.0 |
| 66 |  |  |  | 18.0 | 33.0 | 20.0 |
| 67 |  |  |  | 12.0 | 22.0 | 30.0 |
| 68 |  |  |  | 10.0 | 17.0 | 20.0 |
| 69 |  |  |  | 10.0 | 17.0 | 20.0 |
| 70 |  |  |  | 100.0 | 100.0 | 100.0 |

## Retirement from Dormant Status

Dormant members are assumed to retire at Normal Retirement Age.

## Termination Assumptions

The termination rates are based on three-year select and ultimate rates, with the ultimate rates being the same as the Tier One/Tier Two termination rates.

| Age | School District |  |  |  | Police and Fire |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1st Select <br> Period | 2nd Select <br> Period | 3rd Select <br> Period | Ultimate | 1st Select | 2nd Select | 3rd Select |  |
| Period | Period | Period | Ultimate |  |  |  |  |  |
| 25 | $8.70 \%$ | $6.97 \%$ | $6.58 \%$ | $5.84 \%$ | $14.05 \%$ | $7.56 \%$ | $5.44 \%$ | $5.09 \%$ |
| 35 | 5.85 | 4.27 | 3.95 | 3.29 | 12.10 | 6.17 | 4.33 | 2.61 |
| 45 | 4.83 | 3.22 | 2.89 | 2.21 | 13.04 | 6.35 | 4.12 | 1.78 |


| Age | Independent Employers General Service Male |  |  |  | Independent Employers General Service Female |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1st Select <br> Period | 2nd Select <br> Period | 3rd Select <br> Period | Ultimate | 1st Select | 2nd Select | 3rd Select |  |
|  | $20.00 \%$ | $12.53 \%$ | $10.55 \%$ | $7.96 \%$ | $19.71 \%$ | $14.26 \%$ | $12.99 \%$ | $10.71 \%$ |
| 25 | 15.89 | 8.89 | 7.14 | 4.79 | 13.09 | 9.27 | 8.81 | 7.35 |
| 35 | 15.72 | 8.23 | 5.98 | 3.12 | 12.86 | 7.93 | 6.65 | 4.37 |
| 45 | 15.72 | Period | Period | Ultimate |  |  |  |  |

Age SLGRP General Service Male
SLGRP General Service Female

|  | 1st Select <br> Period | 2nd Select <br> Period | 3rd Select <br> Period | Ultimate | 1st Select <br> Period | 2nd Select <br> Period | 3rd Select <br> Period | Ultimate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25 | $18.28 \%$ | $14.94 \%$ | $12.97 \%$ | $10.20 \%$ | $18.23 \%$ | $14.88 \%$ | $14.21 \%$ | $12.13 \%$ |
| 35 | 13.44 | 10.52 | 8.76 | 6.20 | 14.90 | 10.79 | 9.74 | 7.28 |
| 45 | 10.01 | 7.43 | 5.84 | 3.45 | 12.26 | 7.81 | 6.59 | 3.96 |

## Actuarial Methods and Assumptions - Tier One/Tier Two and OPSRP

A summary of key changes implemented since the December 31, 2007 valuation is provided below. Additional detail and a comprehensive list of changes in methods and assumptions can be found in the 2008 experience study report.

## Changes in Actuarial Methods and Allocation Procedures

## Amortization of Changes in UAL due to actuarial cost method change

Contribution rates effective July 1, 2007 through June 30, 2011, reflect an accelerated amortization of the change in UAL that occurred when the PUC cost method was first adopted for the December 31, 2004 valuation. By the time the current contribution rates are changed on July 1, 2011, four years of contributions will have been collected toward the three-year amortization base. Consequently, the PUC change amortization was eliminated from the valuation so it will not be included in contribution rates that become effective July 1, 2011.

## RHIA / RHIPA Amortization Period

The RHIA and RHIPA amortization period has been reduced to 10 years.

## Money Match Weighting

For purposes of allocating a Tier One/Tier Two member's actuarial accrued liability among multiple employers, the valuation uses a weighted average of the Money Match methodology and the Full Formula methodology used by PERS when the member retires. The weights are determined based on the prevalence of each formula among the current Tier One/Tier Two population. For the December 31, 2006 and December 31, 2007 valuations, the Money Match method was weighted 65 percent for General Service members and 25 percent for Police \& Fire members. This weighting has been adjusted to 50 percent for General Service members and 15 percent for Police \& Fire members.

## Changes in Economic Assumptions

## RHIA / RHIPA Assumptions

Healthcare cost trend rates were updated to reflect a longer grade down period and a lower ultimate trend rate. The participation rate assumption for RHIA and RHIPA was lowered.

## OPSRP Administrative Expenses

The administrative expenses assumption has been lowered to reflect the completion of the initial IT setup.

## Changes in Demographic Assumptions

## Mortality

The healthy mortality assumption has been changed from RP2000 static mortality tables to RP2000 generational mortality tables with group-specific class and set back adjustments. In addition, the disabled mortality assumption has been adjusted.

## Retirement Assumptions

A third service band was added to the retirement rate structure. The probability that a member will elect a partial or total lump sum at retirement has been lowered, and the percentage of members who purchase credited service was increased to 55 percent for non-Money Match retirements.

## Disability Assumptions

The probability of becoming disabled has been lowered and is now reflected as a percentage of the standard 1985 Disability Class 1 table.

## Termination Assumptions

The rates for School Districts and SLGRP employers have been updated. In addition, the probability a member will withdraw his or her account balance before retirement has been lowered.

## Salary Assumptions

Merit increase assumptions have been consolidated for SLGRP and independent employers. The merit increase is assumed to be 0 percent for all groups during 2009 and 2010. In addition, minor adjustments have been made to the Unused Sick Leave assumption.

## Actuarial Schedules

Schedule of Active Member Valuation Data

| Valuation Date | Count | Annual Payroll in Thousands | Average <br> Annual Pay | \% Increase in <br> Average Pay | Number of Participating Employers ${ }^{1}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12/31/1993 | 137,513 | \$ 4,466,797 | \$ 32,483 | 4.9\% | N/A |  |
| 12/31/1995 | 141,471 | 4,848,058 | 34,269 | 2.7 | N/A |  |
| 12/31/1997 | 143,194 | 5,161,562 | 36,045 | 2.6 | N/A |  |
| 12/31/1999 | 151,262 | 5,676,606 | 37,528 | 2.0 | N/A |  |
| 12/31/2000 | 156,869 | 6,195,862 | 39,497 | 5.2 | N/A |  |
| 12/31/2001 | 160,477 | 6,520,225 | 40,630 | 2.9 | N/A | Old Basis |
| 12/31/2001 | 160,477 | 6,253,965 | 38,971 | - | N/A | New Basis ${ }^{2}$ |
| 12/31/2002 | 159,287 | 6,383,475 | 40,075 | 2.8 | N/A |  |
| 12/31/2003 | 153,723 | 6,248,550 | 40,648 | 1.4 | N/A |  |
| 12/31/2004 | 142,635 | 6,306,447 | 44,214 | 8.8 | 806 |  |
| 12/31/2005 ${ }^{3}$ | 156,501 | 6,791,891 | 43,398 | (1.8) | 810 |  |
| 12/31/2006 | 163,261 | 7,326,798 | 44,878 | 3.4 | 758 |  |
| 12/31/2007 | 167,023 | 7,721,819 | 46,232 | 3.0 | 760 |  |
| 12/31/2008 | 170,569 | 8,130,136 | 47,665 | 3.1 | 766 |  |

${ }^{1}$ Effective in 2006, participating employers are defined for this purpose as any employer with covered payroll during the prior year. In prior years, employers with liabilities but without covered payroll were included as well.
${ }^{2}$ Effective in 2001, the annual payroll excludes the member pick-up, if any.
${ }^{3}$ Effective with the 12/31/2005 valuation, OPSRP members and payroll are included.

## Schedule of Retirees and Beneficiaries Added to and Removed From Rolls

(dollar amounts in thousands) ${ }^{4}$

| Valuation Date | Added to Rolls |  | Removed from Rolls |  | Rolls - End of Year |  | \% Increase <br> in Annual <br> Allowances ${ }^{1}$ | Average <br> Annual <br> Allowances |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Count | Annual Allowances | Count | Annual Allowances | Count | Annual <br> Allowances |  |  |
| 12/31/1993 |  |  |  |  | 60,841 | \$ 564,341 | 27.6\% | \$ 9,276 |
| 12/31/1995 |  |  |  |  | 64,796 | 700,171 | 24.1 | 10,806 |
| 12/31/1997 |  |  |  |  | 69,624 | 919,038 | 31.3 | 13,200 |
| 12/31/1999 |  |  |  |  | 82,819 | 1,299,380 | 41.4 | 15,689 |
| 12/31/2000 |  |  |  |  | 82,458 | 1,385,556 | 6.6 | 16,803 |
| 12/31/2001 |  |  |  |  | 85,216 | 1,514,491 | 9.3 | 17,772 |
| 12/31/2002 |  |  |  |  | 89,482 | 1,722,865 | 13.8 | 19,254 |
| 12/31/2003 |  |  |  |  | 97,777 | 2,040,533 | 18.4 | 20,869 |
| 12/31/2004 ${ }^{2}$ | 6,754 | \$ 149,474 | 2,863 | \$ 35,151 | 101,668 | 2,154,856 | 5.6 | 21,195 |
| 12/31/2005 ${ }^{2}$ | 4,472 | 149,127 | 3,217 | 36,784 | 102,923 | 2,267,198 | 5.2 | 22,028 |
| 12/31/2006 2,3 | 5,060 | 151,240 | 3,263 | 39,735 | 104,720 | 2,378,704 | 4.9 | 22,715 |
| 12/31/2007 ${ }^{2,3}$ | 5,385 | 183,232 | 3,304 | 40,590 | 106,801 | 2,521,345 | 6.0 | 23,608 |
| 12/31/2008 2,3 | 5,963 | 171,484 | 3,626 | 47,062 | 109,138 | 2,645,767 | 4.9 | 24,242 |

[^2][^3]
## Oregon Public Employees Retirement System

Schedules of Funding Progress by Rate Pool
(dollar amounts in millions)

| Actuarial <br> Valuation Date | Actuarial Value of Assets ${ }^{1,2}$ <br> (a) | Actuarial <br> Accrued <br> Liability (AAL) ${ }^{2}$ <br> (b) | Unfunded AAL <br> (UAAL) (b-a) | Funded Ratio (a/b) | Covered Payroll ${ }^{3}$ (c) | UAAL as a $\%$ of Covered Payroll ((b-a)/c) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tier One/Tier Two State and Local Government Rate Pool |  |  |  |  |  |  |
| 12/31/2004 | \$ 22,768.1 | \$ 23,407.2 | \$ 639.1 | 97.3\% | \$ 3,171.0 | 20.2\% |
| 12/31/2005 ${ }^{4}$ | 25,556.3 | 24,450.3 | $(1,106.0)$ | 104.5 | 3,089.8 | (35.8) |
| 12/31/2006 | 28,177.2 | 25,390.0 | $(2,787.3)$ | 111.0 | 3,174.6 | (87.8) |
| 12/31/20075 | 30,314.8 | 26,883.1 | $(3,431.7)$ | 112.8 | 3,448.1 | (99.5) |
| 12/31/2008 | 22,301.2 | 27,551.8 | 5,250.6 | 80.9 | 3,452.7 | 152.1 |
| Tier One/Tier Two School District Rate Pool |  |  |  |  |  |  |
| 12/31/2004 | 18,679.3 | 19,483.0 | 803.7 | 95.9 | 2,173.6 | 37.0 |
| 12/31/2005 | 21,095.0 | 20,151.8 | (943.2) | 104.7 | 2,126.5 | (44.4) |
| 12/31/2006 | 23,033.4 | 20,825.0 | $(2,208.4)$ | 110.6 | 2,233.7 | (98.9) |
| 12/31/2007 | 24,053.6 | 21,299.3 | $(2,754.3)$ | 112.9 | 2,185.0 | (126.1) |
| 12/31/2008 | 17,458.5 | 21,742.7 | 4,284.2 | 80.3 | 2,153.7 | 198.9 |
| Tier One/Tier Two Independent Employers and Judiciary |  |  |  |  |  |  |
| 12/31/2004 | 4,195.1 | 4,444.4 | 249.3 | 94.4 | 961.9 | 25.9 |
| 12/31/2005 ${ }^{4}$ | 4,742.9 | 4,575.0 | (167.9) | 103.7 | 894.9 | (18.8) |
| 12/31/2006 | 5,330.5 | 4,860.1 | (470.4) | 109.7 | 928.1 | (50.7) |
| 12/31/20075 | 4,765.5 | 4,423.2 | (342.3) | 107.7 | 628.8 | (54.4) |
| 12/31/2008 | 3,576.7 | 4,566.0 | 989.3 | 78.3 | 619.4 | 159.7 |
| OPSRP Rate Pool |  |  |  |  |  |  |
| 12/31/2005 | 55.0 | 53.8 | (1.2) | 102.2 | 680.7 | (0.2) |
| 12/31/2006 | 151.4 | 115.0 | (36.4) | 131.6 | 990.4 | (3.7) |
| 12/31/2007 | 275.1 | 203.0 | (72.1) | 135.5 | 1,459.9 | (4.9) |
| 12/31/2008 | 270.5 | 336.8 | 66.3 | 80.3 | 1,904.3 | 3.5 |
| Postemployment Healthcare Benefits - Retirement Health Insurance Account |  |  |  |  |  |  |
| 12/31/2004 | 148.0 | 556.9 | 408.9 | 26.6 | 6,306.4 | 6.5 |
| 12/31/2005 | 181.0 | 495.9 | 314.9 | 36.5 | 6,111.2 | 5.2 |
| 12/31/2006 | 221.3 | 511.8 | 290.5 | 43.2 | 6,336.4 | 4.6 |
| 12/31/2007 | 250.8 | 499.6 | 248.8 | 50.2 | 6,261.9 | 4.0 |
| 12/31/2008 | 183.8 | 494.0 | 310.2 | 37.2 | 6,225.8 | 5.0 |
| Postemployment Healthcare Benefits - Retiree Health Insurance Premium Account |  |  |  |  |  |  |
| 12/31/2004 | 5.2 | 28.2 | 23.0 | 18.4 | 1,701.0 | 1.4 |
| 12/31/2005 | 6.1 | 27.0 | 20.9 | 22.7 | 1,621.2 | 1.3 |
| 12/31/2006 | 7.0 | 23.4 | 16.4 | 30.0 | 1,665.7 | 1.0 |
| 12/31/2007 | 7.8 | 23.3 | 15.5 | 33.6 | 1,692.1 | 0.9 |
| 12/31/2008 | 5.7 | 21.3 | 15.6 | 26.7 | 1,708.5 | 0.9 |

Notes:

[^4]
## Actuarial Schedules

## Analysis of Financial Experience

Gains and Losses in Accrued Liabilities During Year Ended December 31 Resulting from Differences Between Assumed Experience and Actual Experience (dollar amounts in millions) ${ }^{1}$

| Type of Activity |  | \$ Gain (or Loss) for Year |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2008 |  | 2007 |
| Retirements from Active Status | \$ | (109.7) | \$ | (96.2) |
| Active Mortality and Withdrawal |  | 19.6 |  | 64.3 |
| Pay Increases |  | (93.3) |  | (68.6) |
| Contributions |  | 119.3 |  | 65.4 |
| Interest Crediting Experience |  | 701.2 |  | 72.5 |
| Investment Income |  | $(15,861.8)$ |  | 327.2 |
| Retirement, Mortality, and Lump Sums from Dormant Status |  | 137.7 |  | 124.5 |
| Retiree and Beneficiary Mortality |  | (69.7) |  | (82.9) |
| Data Corrections |  | - |  | 54.7 |
| Other |  | 119.2 |  | 84.3 |
| Gain (or Loss) During Year From Financial Experience | \$ | $(15,037.5)$ | \$ | 545.3 |
| Non-Recurring Items |  |  |  |  |
| Assumption Changes |  | (263.7) |  | - |
| Composite Gain (or Loss) During Year | \$ | (15,301.2) | \$ | 545.3 |

[^5]
## Oregon Public Employees Retirement System

## Solvency Test

## Defined Benefit Pension and Retiree Healthcare Plans

(dollar amounts in millions) ${ }^{10}$

| Actuarial Accrued Liability ${ }^{1}$ |  |  |  | Valuation Assets 1,3 | Portion of Actuarial Accrued Liabilities Covered by Assets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Valuation } \\ \text { Date }^{2} \end{gathered}$ | Active Member Contributions | Retired <br> Members and Beneficiaries | Other <br> Members |  |  |  |  |
|  | (1) | (2) | (3) |  | (1) | (2) | (3) |
| 12/31/1995 | \$ 5,753.0 | \$ 7,492.8 | \$ 10,002.8 | \$ 20,957.6 | 100\% | 100\% | 77\% |
| 12/31/1997 | 8,135.4 | 9,994.9 | 13,534.6 | 29,108.2 | 100 | 100 | 81 |
| 12/31/1999 | 8,238.1 | 14,333.7 | 18,336.1 | 39,964.8 | 100 | 100 | 95 |
| 12/31/2000 | 10,142.5 | 15,664.1 | 17,543.9 | 41,804.6 | 100 | 100 | 91 |
| 12/31/2001 | 10,252.8 | 17,465.9 | 18,229.0 | 39,852.2 | 100 | 100 | 67 |
| 12/31/2001 4 | 10,252.8 | 17,340.0 | 10,228.8 | 39,852.2 | 100 | 100 | 120 |
| 12/31/2002 ${ }^{4}$ | 9,940.7 | 19,339.0 | 10,240.8 | 36,316.8 | 100 | 100 | 69 |
| 12/31/2003 ${ }^{4}$ | 9,005.8 | 23,625.9 | 11,993.9 | 42,874.4 | 100 | 100 | 85 |
| 12/31/2004 5,6 | 9,073.0 | 25,363.0 | 13,547.6 | 45,735.3 | 100 | 100 | 83 |
| 12/31/2005 7,8 | 9,169.7 | 26,602.4 | 14,044.7 | 51,569.6 | 100 | 100 | 112 |
| 12/31/2006 | 9,410.8 | 27,711.3 | 14,666.2 | 56,844.8 | 100 | 100 | 134 |
| 12/31/2007 ${ }^{9}$ | 9,225.0 | 29,157.3 | 15,011.8 | 59,586.4 | 100 | 100 | 141 |
| 12/31/2008 | 8,341.5 | 30,537.7 | 15,895.7 | 43,710.2 | 100 | 100 | 30 |

${ }^{1}$ Includes effect of Multnomah Fire District (net UAAL of $\$ 149$ million as of $12 / 31 / 2008$ ).
${ }^{2}$ An extensive revision of the actuarial assumptions occurs prior to each odd-year valuation; therefore, the figures are not directly comparable. Effective with the December 31, 2006 valuation, revisions to actuarial assumptions occur prior to each even-year valuation.
${ }^{3}$ Effective with the December 31, 2002 valuation, includes the value of UAL Lump Sum Side Accounts.
${ }^{4}$ The 2001 valuation was revised to include the impact of PERS Reform Legislation enacted in 2003. Figures for December 31, 2003, do not reflect the judicial review or subsequent Board action.
${ }^{5}$ Effective with the 2004 valuation, the Oregon Supreme Court rulings in Strunk v. PERB, et al.(issued March 8, 2005) and City of Eugene v. State of Oregon, PERB, et al. (issued August 11, 2005) are reflected.
${ }^{6}$ Effective with the 2004 valuation, the cost method was changed from Entry Age Normal to Projected Unit Credit, and the actuarial value of assets was changed from a four-year smoothed value to market value.
${ }^{7}$ Assets and liabilities for OPSRP are first valued in the 2005 valuation.
${ }^{8}$ Reflects the transfer in assets and liabilities for new employers that joined the SLGRP effective January 1, 2006.
${ }^{9}$ Reflects the transfer in assets and liabilities for new employers that joined the SLGRP effective January 1, 2008.
${ }^{10}$ Discrepancies contained in this table are the result of rounding differences.

## Plan Summary

## Summary of Plan Provisions

The following section summarizes the plan provisions considered in the actuarial valuation. A more detailed description of plan provisions is available from the PERS administrative office.

| Membership | All employees of public employers participating in this System who are in qualifying positions become members of the System after completing six months of service except those who are eligible for and have elected to participate in an optional retirement plan. Different benefit provisions of the plan apply based on date of hire. |  |
| :---: | :---: | :---: |
|  | Tier One Hired prior to 1996 |  |
|  | Tier Two Hired a | 995 and before August 29, 2003 |
|  | OPSRPHired <br> membe | ugust 28, 2003, not a judge, and not a former Tier One/Tier Two ible to reestablish Tier One/Tier Two membership. |
|  | Judges Membe | the state Judiciary |
| Employee | Judges 7 perce | salary |
|  | All others None |  |
| Employer <br> Contributions | Actuarially determined |  |
| Summary of Chapter 238 Provisions - Tier One/ Tier Two and Judges |  |  |
| Normal <br> Retirement Date | Police and Fire | Age 55 |
|  | Judges | Age 65 |
|  | Tier One General Service | Age 58 |
|  | Tier Two General Service | Age 60 |
| Normal Retirement Allowance | For members who are not judges, the greatest of the Full Formula benefit, the Money Match benefit, or the Formula Plus Annuity benefit (only available to members who made contributions before August 21, 1981). |  |

Full Formula The percentage multiplier from the table below multiplied by final average pay and years of credited service plus a prior service pension, if applicable.

|  | Percentage Multiplier | Membership Classification |
| :---: | :---: | :---: |
|  | 2.00 percent | Police and Fire; Legislators |
|  | 1.67 percent | All other members |
| Money Match | The member's account balance and a matching employer amount converted to an actuarially equivalent annuity. |  |
| Formula Plus Annuity | The member's account balance converted to an actuarially equivalent cash refund annuity plus the percentage multiplier from the table below multiplied by final average pay and years of credited service, plus a prior service pension, if applicable. |  |
|  | Percentage Multiplier | Membership Classification |
|  | 1.35 percent | Police and Fire; Legislators |
|  | 1.00 percent | All other members |
| Judges | Final average pay multiplied by the first percentage multiplier from the table on page 74 for up to 16 years of service plus the second percentage multiplier for any service in excess of 16 years, but not to exceed the maximum percentage of final average pay also shown on page 74. Judges must elect Plan A or Plan B no later than age 60 . A "Plan B " judge must serve as a pro tem judge for a total of 175 days post-retirement. |  |

Summary of Chapter 238 Provisions - Tier One/ Tier Two and Judges (continued)

| Plan | Percentage Factor (up to 16 years) | Percentage Factor (after 16 years) | Maximum <br> Percentage of Final Average Pay |
| :---: | :---: | :---: | :---: |
| A | 2.8125\% | 1.67\% | 65\% |
| B | 3.75 | 2.00 | 75 |

SB 656/HB 3349 All members hired prior to July 14, 1995, receive an increase to their monthly retirement benefit equal
Adjustment to the greater of the increase under Senate Bill 656 (SB 656) or House Bill 3349 (HB 3349).

| SB 656 |  |  |  |
| :--- | :---: | :---: | :---: |
| Increase | Years of Service | General Service | Police and Fire |
|  | $0-9$ | $0.0 \%$ | $0.0 \%$ |
|  | $10-14$ | 1.0 | 1.0 |
|  | $15-19$ | 1.0 | 1.0 |
| $20-24$ | 2.0 | 2.5 |  |
|  | $25-29$ | 3.0 | 4.0 |
|  | $30 \&$ Over | 4.0 | 4.0 |



Summary of Chapter 238 Provisions - Tier One/ Tier Two and Judges (continued)

| Optional Forms of Retirement Allowance | The normal form of benefit is a cash refund annuity (joint and two-thirds survivor contingent annuity for a married judge). All optional amounts are adjusted to be actuarially equivalent. <br> Options Available <br> - Life annuity <br> - Cash refund annuity <br> - Life annuity guaranteed 15 years <br> - Joint and 50 percent or 100 percent survivor contingent annuity, with or without pop-up feature <br> - Lump sum of member contribution account (under any form) plus a pension from employer contributions under the Full Formula or Money Match method. <br> - Lump sum of member contribution account plus a matching employer amount. |
| :---: | :---: |
| Pre-retirement Death Benefit Eligibility | Judges Six or more years of service. |
|  | All others Death occurring while the member is an employee of a participating employer <br> or within 120 days of termination provided the employee does not withdraw the <br> account balance or retire, or a result of injuries received while in the service of <br> a participating employer. |
| Pre-retirement Death Benefit | Judges <br> The spouse shall receive a life pension equal to two-thirds of the service retirement allowance. The beneficiary of an unmarried judge shall receive the member's accumulated contributions with interest. |
|  | All others The member's account balance plus a matching employer amount. |
| Additional Police and Fire Death Benefits | Upon the death of a retired police officer or firefighter, the surviving spouse or dependent children under age 18 will receive a monthly benefit based on 25 percent of the cash refund retirement allowance due to police and fire service. |
| Disability Benefit Eligibility | Duty $\quad \begin{aligned} & \text { Disablement occurring as a direct result of a job-related injury or illness, re- } \\ & \text { gardless of length of service. }\end{aligned}$ |
|  | Non-Duty $\begin{aligned} & \text { Disablement occurring after } 10 \text { years of service (six years, if a judge), but prior } \\ & \text { to normal retirement eligibility. }\end{aligned}$ |
| Disability <br> Benefits | The normal retirement allowance calculated based on the service credit that would have been earned if the member had continued working to age 58 (age 55 for police and fire, age 65 for judge members) payable commencing immediately. |
|  | Police and Fire Members' Alternative <br> In lieu of the above, police officers and firefighters who qualify for duty disability may elect to receive a benefit of 50 percent of final average monthly salary at the time of disablement. |
|  | Minimum Monthly Retirement Allowance <br> Judges $\qquad$ 45 percent of final average monthly salary. <br> All others $\qquad$ $\$ 100$ for a member with at least 15 years of credited service, actuarially reduced if an optional form of benefit is chosen. |
|  | Reduction of Benefits <br> Whenever a disabled employee's disability benefit and earned income for any month exceed the monthly salary received at the time of disablement or $\$ 400$, if greater, the disability benefit will be reduced by the excess. |
|  | For Tier Two members, the sum of the disability benefit and any workers' compensation benefits may not exceed the member's salary at the time of disablement. |

## Summary of Chapter 238 Provisions - Tier One/Tier Two and Judges (continued)

| Police and Fire Unit Purchases | Police and fire members may purchase 60 -month annuity benefits (up to $\$ 80$ per month) that must be paid out by age 65 and cannot commence prior to the earliest retirement age. The amount purchased by the member is matched by the employer. In certain situations, such as termination of employment prior to retiring or working beyond age 65 , the employer's matching purchase is forfeited. |  |
| :---: | :---: | :---: |
| Postretirement <br> Adjustments | All monthly pension and annuity benefits except unit purchases are eligible for postretirement adjustments. |  |
|  | Automatic Adjustments | Benefits are adjusted annually to reflect the increase or decrease in the Consumer Price Index (Portland area - all items) as published by the Bureau of Labor Statistics. |
|  |  | The maximum adjustment to be made for any year is 2 percent of the previous year's benefit. Any CPI change in excess of 2 percent is accumulated for future benefit adjustments, which would otherwise be less than 2 percent. No benefit will be decreased below its original amount. |
|  | Ad Hoc <br> Adjustments | From time to time, as granted by the Legislature, retired members and beneficiaries have received increases in their monthly benefits. |
| Variable Annuity Program | Contributions | Prior to January 1, 2004, a member could elect to have 25,50 , or 75 percent of his or her contributions invested in the variable account. |
|  | Benefit | At retirement, a member may elect to receive a variable annuity with the funds accumulated in his or her variable account. Alternatively, a member may elect to have all of the funds in his or her variable account transferred back to the regular account and receive an annuity from the System and cease to participate in the variable program. The employer provided benefit, however, is based on the earnings the member would have received in the regular account. |


| Interest Credit on <br> Member Accounts | Tier One Regular | Actuarially assumed rate of return until the rate guarantee reserve has <br> been fully funded for three consecutive years and the Board elects to <br> credit additional interest. |
| :--- | :--- | :--- |
|  | Tier Two Regular | Amount determined by the Board based on actual investment earnings <br> of the regular account. |


|  | Variable | Actual earnings in variable account |
| :--- | :--- | :--- |
| Retiree Healthcare | Eligibility | All of the following must be met: |
| - Medicare |  | (a) C |

Supplement (RHIA)
(a) Currently receiving a retirement allowance from the System,
(b) Equivalent of eight years of qualified service time,
(c) Enrolled in a PERS-sponsored health plan, and
(d) Enrolled in both Medicare Part A and Part B.

|  | Benefit Amount | A monthly contribution of up to $\$ 60$ per retiree is applied to <br> PERS-sponsored Medicare supplemental insurance costs. |
| :--- | :--- | :--- |
| Retiree Healthcare <br> - Under Age 65 <br> (RHIPA) | Eligibility | Retired state employees enrolled in a PERS-sponsored health plan. |
|  | Benefit | A percentage (as shown on the following page) of the maximum month- <br> ly subsidy based on years of service. The maximum monthly subsidy is <br> calculated annually as the average difference between the health insur- <br> ance premiums paid by active state employees and the premium retirees <br> would pay if they were rated separately from active state employees. |

Summary of Chapter 238 Provisions - Tier One/Tier Two and Judges (continued)

|  | Years of Service | Subsidized Amount |
| :--- | :---: | :---: |
|  | Under 8 | $0 \%$ |
|  | $8-9$ | 50 |
|  | $10-14$ | 60 |
|  | $15-19$ | 70 |
| Benefits Not Included | No material benefits have been excluded from the liabilities. | 80 |
| in the Valuation | $20-24$ | 90 |
| Changes in Plan | $25-29$ | 100 |
| Provisions | None. |  |

## Summary of Chapter 238A Provisions - OPSRP

| Normal Retirement Date | Police and Fire | Age 60 or age 53 with 25 years of retirement credit |
| :---: | :---: | :---: |
|  | General Service | Age 65 or age 58 with 30 years of retirement credit |
|  | School Districts | Age 65 or age 58 with 30 calendar years of active membership |
| Normal Retirement Allowance | A single life annuity equal to final average salary times years of retirement credit attributable to service as police and fire times 1.8 percent plus final average salary times all other years of retirement credit times 1.5 percent. |  |
| Early Retirement Eligibility | Police and Fire | Age 50 and 5 years of vesting service |
|  | General Service | Age 55 and 5 years of vesting service |
| Early Retirement Allowance | Normal retirement allowance, actuarially reduced to early retirement age. |  |
| Vesting | Five years or attainment of normal retirement age. |  |
| Vested Termination Benefit | Same as normal (or early) retirement allowance, but commencement is deferred to normal (or early) retirement date. |  |
| Optional Forms of Retirement Benefit | The normal form of benefit is a life annuity. All optional amounts are adjusted to be actuarially equivalent. |  |
|  | Options Available <br> - Life annuity <br> - Joint and 50 percent or 100 percent survivor contingent benefit, with or without pop-up feature. <br> - Lump sum if monthly normal retirement benefit is less than $\$ 200$ or if lump sum value is less than $\$ 5,000$. |  |
| Pre-Retirement Death Benefit Eligibility | Death of a vested member before retirement benefits begin. |  |
| Pre-Retirement Death Benefit | If member was eligible for early retirement, the actuarial equivalent of 50 percent of the early retirement benefit the participant was eligible to receive at date of death. If member was not eligible for early retirement, the actuarial equivalent of 50 percent of the early retirement benefit the participant would have been eligible to receive if he terminated employment on his date of death and retired at the earliest possible date. |  |
| Disability Benefit Eligibility | Duty | Disablement occurring as a direct result of a job-related injury or illness, regardless of length of service. |
|  | Non-Duty | Disablement occurring after 10 years of service, but prior to normal retirement eligibility. |
| Disability Benefit Amounts | Pre-Retirement Benefit | 45 percent of salary during last full month of employment before disability, reduced if total benefit including workers' compensation exceeds 75 percent of salary. Benefit is payable monthly until normal retirement age. |
|  | Retirement Benefit | Same formula as Normal Retirement Benefit, except: |
|  |  | - Final average salary is adjusted to reflect cost-of-living increases from date of disability to normal retirement age, and <br> - Retirement credits continue to accrue from date of disability to normal retirement age. |

$\begin{array}{lll}\text { Summary of Chapter 238A Provisions - OPSRP } \\
\hline \begin{array}{ll}\text { Postretirement } \\
\text { Adjustments }\end{array} & \begin{array}{ll}\text { All monthly pension and annuity benefits are eligible for postretirement adjustments. } \\$\cline { 2 - 3 } \& Automatic <br>
Adjustments\end{array} \& \(\left.$$
\begin{array}{l}\text { Benefits are adjusted annually to reflect the increase or decrease in the } \\
\text { Consumer Price Index (Portland area - all items) as published by the } \\
\text { Bureau of Labor Statistics. }\end{array}
$$ <br>
The maximum adjustment to be made for any year is 2 percent of the <br>
previous year's benefit. Any CPI change in excess of 2 percent is ac- <br>
cumulated for future benefit adjustments which would otherwise be less <br>

than 2 percent. No benefit will be decreased below its original amount.\end{array}\right] .\)| From time to time, as granted by the Legislature, retired members and |
| :--- |
| beneficiaries have received increases in their monthly benefits. |

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## Statistical Section

## Oregon Public Employees Retirement System

## Statistical Notes

The statistical section of the Oregon Public Employees Retirement System (PERS or "the System") CAFR presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the System's overall financial health. The data presented was extracted from the PERS' information systems.

## Financial Trends

These schedules contain trend information to help the reader understand how the System's financial performance and well being have changed over time. Financial information is presented on an accrual basis. The decrease in Defined Benefit Pension member contributions is offset by the increase in the Oregon Public Service Retirement Plan's Individual Account Program member contributions. Fluctuations in employer contributions from 2000 forward are due to UAL payments.

The Schedules of Changes in Plan Net Assets are presented on both a fiscal and calendar year basis. The System prepares its financial statements on a fiscal-year basis but has its actuarial valuations performed on a calen-dar-year basis.

The Schedule of Benefit Expenses by Type provides additional detail of benefit expense for fiscal years reported in the aggregate in the Schedules of Changes in Plan Net Assets.

The Schedule of Earnings and Crediting at December 31 shows earnings available for crediting net of administrative expenses and the rates approved by the Board for the programs it administers.

## Operating Information

These schedules contain data to help understand how the information in the System's financial reports relates to the services the System provides and the activities it performs.
The Schedule of Average Benefit Payments for Retiree Health Insurance Account and Schedule of Average Benefits for Retiree Health Insurance Premium Account show the average monthly other postemployment healthcare benefits, final average salary, and the number of retirees receiving benefits under each plan.

The Schedule of Average Benefit Payments presents average monthly benefits, final average salary, and number of retirees still receiving benefits, by year of retirement. The total section presents averages for all retirees still receiving benefits regardless of when their retirement benefits began. The year 2003 shows a large increase in retirements due to members applying for retirement before pending policy changes and legislation became effective.

The Schedule of Benefit Recipients by Benefit Type shows retired members by benefit level, benefit types, and payment options selected.
The Schedule of Retirement System Membership shows demographics of membership over a period of time. The fiscal year schedule shows membership over the last six years. The calendar year schedule is in five-year increments going back to 1980.
The Schedule of Principal Participating Employers shows the 10 employers with the largest number of current employees, along with aggregate information for the remaining employers with current employees.




## Oregon Public Employees Retirement System

## Changes in Plan Net Assets <br> For the Last Ten Years Ended June 30:

Defined Benefit Pension Plan ${ }^{1}$

| Fiscal Year | Member Contributions |  | Employer Contributions |  |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual Covered Payroll |  |  |  |  |
| 2000 | \$ | 348,244,045 | \$ | 1,022,650,598 | 17.53\% | \$ | 6,680,242,927 | \$ | 8,051,137,570 |
| 2001 |  | 370,165,609 |  | 639,010,754 | 10.80 |  | $(3,465,913,890)$ |  | (2,456,737,527) |
| 2002 |  | 391,542,211 |  | 989,078,917 | 15.56 |  | $(2,422,055,208)$ |  | $(1,041,434,080)$ |
| 2003 |  | 400,988,567 |  | 2,578,989,169 | 39.91 |  | 1,465,990,471 |  | 4,445,968,207 |
| 2004 |  | 185,693,017 |  | 3,166,153,073 | 63.39 |  | 7,182,539,171 |  | 10,534,385,261 |
| 2005 |  | 9,590,285 |  | 815,807,985 | 14.77 |  | 5,686,759,377 |  | 6,512,157,647 |
| 2006 |  | 9,611,666 |  | 783,921,381 | 12.70 |  | 6,919,097,410 |  | 7,712,630,457 |
| 2007 |  | 13,680,980 |  | 597,372,229 | 8.70 |  | 10,589,123,834 |  | 11,200,177,043 |
| 2008 |  | 11,937,362 |  | 763,164,823 | 10.30 |  | $(2,804,736,029)$ |  | $(2,029,633,844)$ |
| 2009 |  | 8,452,030 |  | 649,706,891 | 7.88 |  | $(12,903,220,545)$ |  | (12,245,061,624) |

Oregon Public Service Retirement Plan ${ }^{2}$
Individual Account Program

| Fiscal Year | Member Contributions |  | Employer Contributions |  |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual Covered Payroll |  |  |  |  |
| 2004 | \$ | 201,306,142 | \$ | N/A | N/A\% | \$ | 1,606,791 | \$ | 202,912,933 |
| 2005 |  | 362,893,934 |  | N/A | N/A |  | 51,969,806 |  | 414,863,740 |
| 2006 |  | 417,555,791 |  | N/A | N/A |  | 139,735,992 |  | 557,291,783 |
| 2007 |  | 439,720,328 |  | N/A | N/A |  | 309,126,786 |  | 748,847,114 |
| 2008 |  | 465,517,744 |  | N/A | N/A |  | $(54,596,058)$ |  | 410,921,686 |
| 2009 |  | 495,933,952 |  | N/A | N/A |  | $(553,146,972)$ |  | (57,213,020) |

Deferred Compensation Plan

| Fiscal Year | Member Contributions |  | Employer Contributions |  |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual Covered Payroll |  |  |  |  |
| 2000 | \$ | 41,512,686 | \$ | N/A | N/A\% | \$ | 69,840,556 | \$ | 111,353,242 |
| 2001 |  | 43,512,667 |  | N/A | N/A |  | $(61,887,870)$ |  | $(18,375,203)$ |
| 2002 |  | 47,472,963 |  | N/A | N/A |  | $(41,865,658)$ |  | 5,607,305 |
| 2003 |  | 50,279,420 |  | N/A | N/A |  | 15,987,532 |  | 66,266,952 |
| 2004 |  | 56,479,388 |  | N/A | N/A |  | 79,874,001 |  | 136,353,389 |
| 2005 |  | 56,542,080 |  | N/A | N/A |  | 53,506,406 |  | 110,048,486 |
| 2006 |  | 59,724,202 |  | N/A | N/A |  | 70,672,287 |  | 130,396,489 |
| 2007 |  | 66,152,631 |  | N/A | N/A |  | 129,511,435 |  | 195,664,066 |
| 2008 |  | 70,448,534 |  | N/A | N/A |  | $(74,030,166)$ |  | $(3,581,632)$ |
| 2009 |  | 66,727,977 |  | N/A | N/A |  | $(142,099,959)$ |  | $(75,371,982)$ |

[^6]
## Changes in Plan Net Assets

For the Last Ten Years Ended June 30: (continued)

|  | Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |
| :--- | :--- | ---: | :--- | ---: | ---: | ---: |
| $\$$ | $1,423,192,357$ | $\$$ | $18,568,579$ | $\$$ | $51,726,463$ | $\$$ |
|  | $1,558,218,989$ |  | $25,374,819$ | $1,493,487,399$ | $\$$ | $6,557,650,171$ |
| $1,667,133,815$ | $17,456,752$ | $46,243,701$ |  | $1,629,837,509$ | $(4,086,575,036)$ |  |
| $1,978,887,202$ | $16,784,817$ | $42,64,912$ | $1,730,677,479$ | $(2,772,111,559)$ |  |  |
| $2,495,222,891$ | $26,318,257$ | $42,193,518$ |  | $2,038,312,314$ | $2,407,655,893$ |  |
| $2,340,813,964$ | $34,683,299$ | $60,241,863$ | $2,563,734,666$ | $7,970,650,595$ |  |  |
|  | $2,371,628,570$ | $27,582,755$ | $33,172,837$ | $2,435,739,126$ | $4,076,418,521$ |  |
|  | $2,574,588,942$ | $35,620,392$ | $41,222,535$ | $2,432,384,162$ | $5,280,246,295$ |  |
|  | $3,768,305,300$ | $33,050,622$ | $50,660,781$ | $2,651,431,869$ | $8,548,745,174$ |  |
|  | $2,790,218,464$ | $33,653,536$ | $36,548,963$ | $2,852,016,703$ | $(4,881,650,547)$ |  |
|  |  |  |  | $2,860,420,963$ | $(15,105,482,587)$ |  |


| Benefits |  | Administrative Expenses |  | Refunds |  | Total Deductions by Type |  | Changes In Plan Net Assets |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | N/A | \$ | 1,400,300 | \$ | N/A | \$ | 1,400,300 | \$ | 201,512,633 |
|  | 1,234,891 |  | 5,243,347 |  | N/A |  | 6,478,238 |  | 408,385,502 |
|  | 14,791,999 |  | 6,237,195 |  | N/A |  | 21,029,194 |  | 536,262,589 |
|  | 36,379,230 |  | 7,291,683 |  | N/A |  | 43,670,913 |  | 705,176,201 |
|  | 55,478,104 |  | 7,871,419 |  | N/A |  | 63,349,523 |  | 347,572,163 |
|  | 49,534,423 |  | 8,413,392 |  | N/A |  | 57,947,815 |  | $(115,160,835)$ |


| Benefits |  | Administrative Expenses |  | Refunds |  | Total Deductions by Type |  | Changes In Plan Net Assets |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 26,484,319 | \$ | 607,203 | \$ | N/A | \$ | 27,091,522 | \$ | 84,261,720 |
|  | 28,387,233 |  | 589,512 |  | N/A |  | 28,976,745 |  | $(47,351,948)$ |
|  | 41,149,643 |  | 685,523 |  | N/A |  | 41,835,166 |  | $(36,227,861)$ |
|  | 33,596,122 |  | 660,144 |  | N/A |  | 34,256,266 |  | 32,010,686 |
|  | 40,377,599 |  | 759,180 |  | N/A |  | 41,136,779 |  | 95,216,610 |
|  | 39,406,579 |  | 703,809 |  | N/A |  | 40,110,388 |  | 69,938,098 |
|  | 40,544,067 |  | 884,438 |  | N/A |  | 41,428,505 |  | 88,967,984 |
|  | 49,835,260 |  | 606,410 |  | N/A |  | 50,441,670 |  | 145,222,396 |
|  | 50,366,273 |  | 800,668 |  | N/A |  | 51,166,941 |  | $(54,748,573)$ |
|  | 38,858,335 |  | 816,033 |  | N/A |  | 39,674,368 |  | $(115,046,350)$ |

## Oregon Public Employees Retirement System

## Changes in Plan Net Assets

For the Last Ten Years Ended June 30:

Retirement Health Insurance Account

| Fiscal <br> Year | Member <br> Contributions | Dollars | Percent of Annual <br> Covered Payroll | Net Investment <br> and Other Income | Total Additions <br> by Source |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | $\$$ | N/A | $\$$ | $40,216,109$ | $0.70 \%$ | $\$$ | $7,755,534$ |
| 2001 | N/A |  | $42,294,496$ | 0.70 | $\$$ | $47,971,643$ |  |
| 2002 | N/A |  | $40,154,004$ | 0.64 | $(4,089,006)$ | $38,205,490$ |  |
| 2003 | N/A |  | $41,248,903$ | 0.64 | $(4,290,677)$ | $35,863,327$ |  |
| 2004 | N/A | $40,619,811$ | 0.64 | $2,890,216$ | $44,139,119$ |  |  |
| 2005 | N/A | $37,308,769$ | 0.64 | $20,706,960$ | $61,326,771$ |  |  |
| 2006 | N/A | $38,162,075$ | 0.59 | $17,106,276$ | $54,415,045$ |  |  |
| 2007 | N/A | $41,171,759$ | 0.59 | $23,296,256$ | $61,458,331$ |  |  |
| 2008 | N/A | $27,783,093$ | 0.37 | $39,609,224$ | $80,780,983$ |  |  |
| 2009 | N/A | $28,812,705$ | 0.37 | $(10,246,057)$ | $17,537,036$ |  |  |
|  |  |  |  | $(52,278,868)$ | $(23,466,163)$ |  |  |

Retiree Health Insurance Premium Account

| Fiscal <br> Year | Member <br> Contributions |  | Dollars | Percent of Annual <br> Covered Payroll | Net Investment <br> and Other Income | Total Additions <br> by Source |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | $\$$ | N/A | $\$$ | $1,026,624$ | $0.07 \%$ | $\$$ |
| 2001 | N/A |  | $1,178,373$ | 0.07 | 584,686 | $\$$ |
| 2002 | N/A | $1,424,727$ | 0.09 | $(280,574)$ | $1,611,310$ |  |
| 2003 | N/A |  | $1,599,744$ | 0.09 | $(155,146)$ | 897,799 |
| 2004 | N/A | $3,100,423$ | 0.16 | 46,286 | $1,269,581$ |  |
| 2005 | N/A | $2,344,259$ | 0.16 | 642,012 | $1,646,030$ |  |
| 2006 | N/A | $2,190,254$ | 0.13 | 594,376 | $3,742,435$ |  |
| 2007 | N/A | $2,399,843$ | 0.13 | 777,757 | $2,938,635$ |  |
| 2008 | N/A | $1,791,179$ | 0.10 | $1,301,049$ | $2,968,011$ |  |
| 2009 | N/A | $2,005,173$ | 0.10 | $(312,725)$ | $3,700,892$ |  |
|  |  |  |  | $(1,578,384)$ | $1,478,454$ |  |
|  |  |  |  |  | 426,789 |  |

Standard Retiree Health Insurance Account

| Fiscal Year | Member Contributions |  | Employer Contributions |  |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual Covered Payroll |  |  |  |  |
| 2000 | \$ | 36,870,774 | \$ | N/A | N/A\% | \$ | 1,505,437 | \$ | 38,376,211 |
| 2001 |  | 45,492,117 |  | N/A | N/A |  | 1,844,957 |  | 47,337,074 |
| 2002 |  | 52,273,896 |  | N/A | N/A |  | 902,103 |  | 53,175,999 |
| 2003 |  | 66,380,497 |  | N/A | N/A |  | 542,712 |  | 66,923,209 |
| 2004 |  | 72,894,536 |  | N/A | N/A |  | 171,405 |  | 73,065,941 |
| 2005 |  | 85,791,039 |  | N/A | N/A |  | 240,016 |  | 86,031,055 |
| 2006 |  | 85,662,507 |  | N/A | N/A |  | 414,342 |  | 86,076,849 |
| 2007 |  | 88,765,182 |  | N/A | N/A |  | 567,775 |  | 89,332,957 |
| 2008 |  | 103,966,410 |  | N/A | N/A |  | 546,899 |  | 104,513,309 |
| 2009 |  | 115,386,399 |  | N/A | N/A |  | 307,557 |  | 115,693,956 |

## Changes in Plan Net Assets

For the Last Ten Years Ended June 30: (continued)

| Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | $22,608,438$ | $\$$ | $1,827,016$ | $\$$ | $\mathrm{~N} / \mathrm{A}$ | $\$$ |
|  | $1,916,176$ | $\mathrm{~N} / \mathrm{A}$ |  | $24,435,454$ | $\$$ | $23,536,189$ |
|  | $23,239,431$ | 782,513 | $\mathrm{~N} / \mathrm{A}$ | $25,155,607$ | $13,049,883$ |  |
| $23,627,238$ | 724,104 | $\mathrm{~N} / \mathrm{A}$ | $24,409,751$ | $11,453,576$ |  |  |
| $23,906,241$ | 708,696 | $\mathrm{~N} / \mathrm{A}$ | $24,630,345$ | $19,508,774$ |  |  |
| $24,632,880$ | 777,979 | $\mathrm{~N} / \mathrm{A}$ | $25,341,576$ | $35,985,195$ |  |  |
| $25,282,377$ | 887,743 | $\mathrm{~N} / \mathrm{A}$ | $26,060,356$ | $28,354,689$ |  |  |
| $26,059,316$ | 876,363 | $\mathrm{~N} / \mathrm{A}$ | $26,947,059$ | $34,511,272$ |  |  |
| $26,887,060$ | 899,601 | $\mathrm{~N} / \mathrm{A}$ | $27,763,423$ | $53,017,560$ |  |  |
|  | $27,624,361$ | 958,311 | $\mathrm{~N} / \mathrm{A}$ | $28,523,962$ | $(10,986,926)$ |  |
| $28,262,580$ |  |  | $29,220,891$ | $(52,687,054)$ |  |  |


| Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | 902,695 | $\$$ | 117,218 | $\$$ | $\mathrm{~N} / \mathrm{A}$ | $\$$ |
|  | 102,327 | $\mathrm{~N} / \mathrm{A}$ |  | $1,019,913$ | $\$$ | 591,397 |
| 947,685 | 231,241 | $\mathrm{~N} / \mathrm{A}$ | $1,050,012$ | $(152,213)$ |  |  |
| $1,155,018$ | 116,422 | $\mathrm{~N} / \mathrm{A}$ | $1,386,259$ | $(116,678)$ |  |  |
| $1,367,993$ | 62,320 | $\mathrm{~N} / \mathrm{A}$ | $1,484,415$ | 161,615 |  |  |
| $1,656,993$ | 81,816 | $\mathrm{~N} / \mathrm{A}$ | $1,719,313$ | $2,023,122$ |  |  |
| $1,922,701$ | 143,252 | $\mathrm{~N} / \mathrm{A}$ | $2,004,517$ | 934,118 |  |  |
| $2,120,368$ | 119,875 | $\mathrm{~N} / \mathrm{A}$ | $2,263,620$ | 704,391 |  |  |
|  | 104,880 | $\mathrm{~N} / \mathrm{A}$ | $2,167,197$ | $1,533,695$ |  |  |
|  | $1,047,322$ | 115,770 | $\mathrm{~N} / \mathrm{A}$ | $2,011,311$ | $(532,857)$ |  |
|  |  |  | $2,042,006$ | $(1,615,217)$ |  |  |


| Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | $35,937,352$ | $\$$ | 167,914 | $\$$ | N/A | $\$$ |
|  | 191,375 | N/A | $36,105,266$ | $\$$ | $2,270,945$ |  |
| $39,831,041$ | $1,211,427$ | N/A | $40,022,416$ | $7,314,658$ |  |  |
| $49,376,276$ | $1,434,292$ | N/A | $50,587,703$ | $2,588,296$ |  |  |
| $84,504,240$ | $1,607,619$ | N/A | $85,938,532$ | $(19,015,323)$ |  |  |
| $80,896,727$ | $1,748,210$ | N/A | $82,504,346$ | $(9,438,405)$ |  |  |
| $86,457,202$ | $2,039,378$ | N/A | $88,205,412$ | $(2,174,357)$ |  |  |
| $83,475,045$ | $1,973,750$ | N/A | $85,514,423$ | 562,426 |  |  |
| $8,598,610$ | $2,021,229$ | N/A | $88,572,360$ | 760,597 |  |  |
|  | $2,149,795$ | N/A | $103,802,509$ | 710,800 |  |  |
|  |  |  | $115,224,749$ | 469,207 |  |  |

## Oregon Public Employees Retirement System

## Changes in Plan Net Assets

For the Years Ended December 31':
Defined Benefit Pension Plan ${ }^{2}$

| Calendar Year | Member Contributions |  |  | Employer Contributions |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual Covered Payroll |  |  |  |  |
| 1999 | \$ | 347,053,753 | \$ | 981,343,197 | 17.70\% | \$ | 7,455,428,861 | \$ | 8,783,825,811 |
| 2000 |  | 358,532,128 |  | 617,392,002 | 10.52 |  | 140,492,280 |  | 1,116,416,410 |
| 2001 |  | 385,221,900 |  | 715,640,552 | 11.52 |  | (2,704,326,428) |  | $(1,603,463,976)$ |
| 2002 |  | 397,510,787 |  | 1,705,408,456 | 26.39 |  | $(3,453,139,033)$ |  | (1,350,219,790) |
| 2003 |  | 404,989,521 |  | 3,726,733,326 | 58.44 |  | 8,841,448,116 |  | 12,973,170,963 |
| 2004 |  | 14,180,906 |  | 1,035,192,490 | 18.39 |  | 5,883,962,236 |  | 6,933,335,632 |
| 2005 |  | 8,354,073 |  | 1,165,678,216 | 18.51 |  | 6,045,479,892 |  | 7,219,512,181 |
| 2006 |  | 10,751,524 |  | 605,587,796 | 8.27 |  | 7,920,833,371 |  | 8,537,172,691 |
| 2007 |  | 16,130,758 |  | 744,532,532 | 10.47 |  | 5,587,420,758 |  | 6,348,084,048 |
| 2008 |  | 7,316,509 |  | 639,128,268 | 7.86 |  | (16,483,601,895) |  | $(15,837,157,118)$ |

Oregon Public Service Retirement Plan ${ }^{3}$
Individual Account Program

| Calendar Year | Member Contributions |  | Employer Contributions |  |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual Covered Payroll |  |  |  |  |
| 2003 | \$ | N/A | \$ | N/A | N/A\% | \$ | N/A | \$ | N/A |
| 2004 |  | 357,062,609 |  | N/A | N/A |  | 31,356,902 |  | 388,419,511 |
| 2005 |  | 426,126,034 |  | N/A | N/A |  | 112,037,318 |  | 538,163,352 |
| 2006 |  | 444,988,910 |  | N/A | N/A |  | 212,183,144 |  | 657,172,054 |
| 2007 |  | 451,403,761 |  | N/A | N/A |  | 197,649,097 |  | 649,052,858 |
| 2008 |  | 476,238,379 |  | N/A | N/A |  | $(681,055,059)$ |  | $(204,816,680)$ |

Deferred Compensation Plan

| $\begin{gathered} \text { Calendar } \\ \text { Year } \end{gathered}$ | Member Contributions |  | Employer Contributions |  |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual <br> Covered Payroll |  |  |  |  |
| 1999 | \$ | 40,900,068 | \$ | N/A | N/A\% | \$ | 96,754,765 | \$ | 137,654,833 |
| 2000 |  | 48,984,327 |  | N/A | N/A |  | $(18,990,331)$ |  | 29,993,996 |
| 2001 |  | 42,815,469 |  | N/A | N/A |  | $(44,610,460)$ |  | $(1,794,991)$ |
| 2002 |  | 51,123,470 |  | N/A | N/A |  | $(50,282,443)$ |  | 841,027 |
| 2003 |  | 50,217,519 |  | N/A | N/A |  | 99,459,493 |  | 149,677,012 |
| 2004 |  | 59,671,251 |  | N/A | N/A |  | 68,420,696 |  | 128,091,947 |
| 2005 |  | 56,557,468 |  | N/A | N/A |  | 49,783,696 |  | 106,341,164 |
| 2006 |  | 63,268,289 |  | N/A | N/A |  | 90,212,220 |  | 153,480,509 |
| 2007 |  | 67,874,937 |  | N/A | N/A |  | 65,816,348 |  | 133,691,285 |
| 2008 |  | 72,316,124 |  | N/A | N/A |  | (268,310,470) |  | (195,994,346) |

[^7]2 House Bill 3262, enacted by the 2005 Oregon Legislature, combined the OPSRP Pension Program with the existing defined benefit plan. Activity since 2004 includes activity of the OPSRP Pension Program.
3 The Oregon Public Service Retirement Plan was added to the System in January 2004.

## Changes in Plan Net Assets

For the Years Ended December 31: (continued)

|  | Benefits | Administrative Expenses |  | Refunds |  |  | Total Deductions by Type |  | Changes In Plan Net Assets |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 1,404,568,279 | \$ | 17,636,439 | \$ | 47,338,113 | \$ | 1,469,542,831 | \$ | 7,314,282,980 |
|  | 1,509,574,384 |  | 22,240,490 |  | 48,558,962 |  | 1,580,373,836 |  | $(463,957,426)$ |
|  | 1,626,837,851 |  | 20,934,512 |  | 42,537,159 |  | 1,690,309,522 |  | (3,293,773,498) |
|  | 1,746,727,771 |  | 16,156,679 |  | 39,767,828 |  | 1,802,652,278 |  | $(3,152,872,068)$ |
|  | 2,305,913,864 |  | 23,026,963 |  | 44,485,825 |  | 2,373,426,652 |  | 10,599,744,311 |
|  | 2,432,307,750 |  | 29,965,677 |  | 75,329,010 |  | 2,537,602,437 |  | 4,395,733,195 |
|  | $2,372,895,822$ |  | 32,264,214 |  | 42,143,663 |  | 2,447,303,699 |  | 4,772,208,482 |
|  | 2,514,479,244 |  | 29,588,997 |  | 61,059,360 |  | 2,605,127,601 |  | 5,932,045,090 |
|  | 2,630,279,015 |  | 37,662,196 |  | 38,197,392 |  | 2,706,138,603 |  | 3,641,945,445 |
|  | 2,784,164,757 |  | 29,502,963 |  | 27,117,003 |  | 2,840,784,723 |  | (18,677,941,841) |


| Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | N/A | $\$$ | 264,574 | $\$$ | $\mathrm{~N} / \mathrm{A}$ | $\$$ |


|  | Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |
| :---: | :---: | ---: | :---: | :---: | :---: | :---: |
| $\$$ | $25,252,693$ | $\$$ | 568,686 | $\$$ | $\mathrm{~N} / \mathrm{A}$ | $\$$ |
|  | 619,774 | $\mathrm{~N} / \mathrm{A}$ |  | $35,821,379$ | $\$$ | $111,833,454$ |
|  | $34,886,565$ | 660,738 | $\mathrm{~N} / \mathrm{A}$ |  | $29,774,912$ | $(5,512,343)$ |
| $29,114,174$ | 691,968 | $\mathrm{~N} / \mathrm{A}$ | $42,618,024$ | $(31,569,903)$ |  |  |
| $41,926,056$ | 745,559 | $\mathrm{~N} / \mathrm{A}$ | $38,908,446$ | $(41,776,997)$ |  |  |
| $38,162,887$ | 748,208 | $\mathrm{~N} / \mathrm{A}$ | $41,828,568$ | $110,768,566$ |  |  |
| $41,080,360$ | 878,538 | $\mathrm{~N} / \mathrm{A}$ | $39,230,436$ | $86,263,379$ |  |  |
|  | $38,351,898$ | 684,991 | $\mathrm{~N} / \mathrm{A}$ | $41,391,730$ | $67,110,728$ |  |
| $40,706,739$ | 763,382 | $\mathrm{~N} / \mathrm{A}$ | $51,460,592$ | $112,088,779$ |  |  |
|  | $70,697,210$ | 795,233 | $\mathrm{~N} / \mathrm{A}$ | $48,750,874$ | $82,230,693$ |  |
| $47,955,641$ |  |  |  | $(244,745,220)$ |  |  |

## Oregon Public Employees Retirement System

## Changes in Plan Net Assets

For the Years Ended December 31 ${ }^{1}$ :

Retirement Health Insurance Account

| Calendar Year | Member Contributions |  | Employer Contributions |  |  | Net Investment and Other Income |  | Total Additions by Source |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars | Percent of Annual Covered Payroll |  |  |  |  |
| 1999 | \$ | N/A | \$ | 37,376,705 | 0.66\% | \$ | 6,649,301 | \$ | 44,026,006 |
| 2000 |  | N/A |  | 41,061,988 | 0.66 |  | 302,467 |  | 41,364,455 |
| 2001 |  | N/A |  | 41,754,333 | 0.67 |  | $(4,658,153)$ |  | 37,096,180 |
| 2002 |  | N/A |  | 41,355,199 | 0.65 |  | (7,434,689) |  | 33,920,510 |
| 2003 |  | N/A |  | 40,789,302 | 0.65 |  | 23,713,608 |  | 64,502,910 |
| 2004 |  | N/A |  | 37,923,918 | 0.56 |  | 16,550,236 |  | 54,474,154 |
| 2005 |  | N/A |  | 39,202,772 | 0.58 |  | 20,112,501 |  | 59,315,273 |
| 2006 |  | N/A |  | 39,481,902 | 0.54 |  | 28,532,583 |  | 68,014,485 |
| 2007 |  | N/A |  | 35,457,965 | 0.45 |  | 22,089,579 |  | 57,547,544 |
| 2008 |  | N/A |  | 28,043,517 | 0.34 |  | $(66,077,417)$ |  | $(38,033,900)$ |

Retiree Health Insurance Premium Account

| Calendar <br> Year | Member <br> Contributions |  | Dollars | Percent of Annual <br> Covered Payroll | Net Investment <br> and Other Income | Total Additions <br> by Source |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 | $\$$ | N/A | $\$$ | $1,743,362$ | $0.10 \%$ | $\$$ |
| 2000 | N/A |  | $1,121,770$ | 0.06 | 424,114 | $\$$ |
| 2001 | N/A |  | $1,329,246$ | 0.07 | 14,417 | $2,167,476$ |
| 2002 | N/A |  | $1,581,544$ | 0.09 | $(180,170)$ | $1,136,187$ |
| 2003 | N/A | $2,175,955$ | 0.13 | $(272,924)$ | $1,149,076$ |  |
| 2004 | N/A | $2,678,731$ | 0.14 | 728,395 | $1,308,620$ |  |
| 2005 | N/A | $2,454,389$ | 0.13 | 550,508 | $2,904,350$ |  |
| 2006 | N/A | $2,284,194$ | 0.14 | 679,346 | $3,229,239$ |  |
| 2007 | N/A | $2,148,731$ | 0.03 | 920,910 | $3,133,735$ |  |
| 2008 | N/A | $1,867,402$ | 0.08 | 688,777 | $3,205,104$ |  |
|  |  |  |  | $(2,004,488)$ | $2,837,508$ |  |
|  |  |  |  |  | $(137,086)$ |  |

Standard Retiree Health Insurance Account ${ }^{2}$

| $\substack{\text { Calendar } \\ \text { Year }}$ | Member <br> Contributions |  | Dollars | Percent of Annual <br> Covered Payroll |  | Net Investment <br> and Other Income | Total Additions <br> by Source |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2000 | $\$$ | $41,997,999$ | $\$$ | N/A | N/A\% | $\$$ | $1,820,773$ |

[^8]Changes in Plan Net Assets
For the Years Ended December 31: (continued)

| Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |  |
| :---: | :---: | ---: | :---: | ---: | ---: | ---: |
| $\$$ | $22,411,800$ | $\$$ | $1,777,895$ | $\$$ | $\mathrm{~N} / \mathrm{A}$ | $\$$ |
|  | $1,843,153$ | $\mathrm{~N} / \mathrm{A}$ |  | $24,189,695$ | $\$$ | $19,836,311$ |
|  | $22,909,640$ | $1,961,990$ | $\mathrm{~N} / \mathrm{A}$ | $24,752,793$ | $16,611,662$ |  |
| $23,505,793$ | 402,662 | $\mathrm{~N} / \mathrm{A}$ | $25,467,783$ | $11,628,397$ |  |  |
| $23,679,226$ | 467,080 | $\mathrm{~N} / \mathrm{A}$ | $24,081,888$ | $9,838,622$ |  |  |
| $24,236,456$ | 712,195 | $\mathrm{~N} / \mathrm{A}$ | $24,703,536$ | $39,799,374$ |  |  |
| $24,991,280$ | 698,986 | $\mathrm{~N} / \mathrm{A}$ | $25,703,475$ | $28,770,679$ |  |  |
| $25,601,296$ | 978,785 | $\mathrm{~N} / \mathrm{A}$ | $26,300,282$ | $33,014,991$ |  |  |
| $26,552,598$ | 888,308 | $\mathrm{~N} / \mathrm{A}$ | $27,531,383$ | $40,483,102$ |  |  |
| $27,244,840$ | 918,244 | $\mathrm{~N} / \mathrm{A}$ | $28,133,148$ | $29,414,396$ |  |  |
|  | $27,976,500$ |  |  | $28,894,744$ | $(66,928,644)$ |  |


| Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | 908,988 | $\$$ | 107,147 | $\$$ | $\mathrm{~N} / \mathrm{A}$ | $\$$ |
|  | 138,941 | $\mathrm{~N} / \mathrm{A}$ | $1,016,135$ | $\$$ | $1,151,341$ |  |
|  | 873,353 | 85,124 | $\mathrm{~N} / \mathrm{A}$ | $1,012,294$ | 123,893 |  |
| $1,038,690$ | 127,636 | $\mathrm{~N} / \mathrm{A}$ | $1,123,814$ | 25,262 |  |  |
| $1,291,244$ | 219,529 | $\mathrm{~N} / \mathrm{A}$ | $1,418,880$ | $(110,260)$ |  |  |
| $1,519,455$ | 63,256 | $\mathrm{~N} / \mathrm{A}$ | $1,738,984$ | $1,165,366$ |  |  |
| $1,735,776$ | 117,939 | $\mathrm{~N} / \mathrm{A}$ | $1,799,032$ | $1,430,207$ |  |  |
| $2,070,218$ | 140,794 | $\mathrm{~N} / \mathrm{A}$ | $2,188,157$ | 945,578 |  |  |
| $2,158,432$ | 111,240 | $\mathrm{~N} / \mathrm{A}$ | $2,299,226$ | 905,878 |  |  |
| $1,923,159$ | 101,664 | $\mathrm{~N} / \mathrm{A}$ | $2,034,399$ | 803,109 |  |  |
| $1,902,292$ |  |  | $2,003,956$ | $(2,141,042)$ |  |  |


| Benefits | Administrative <br> Expenses | Refunds | Total Deductions <br> by Type | Changes In <br> Plan Net Assets |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$$ | $37,137,912$ | $\$$ | 166,108 | $\$$ | $\mathrm{~N} / \mathrm{A}$ | $\$$ |
| $45,377,242$ | 176,931 | $\mathrm{~N} / \mathrm{A}$ |  | $45,304,020$ | $\$$ | $6,514,752$ |
| $65,500,099$ | $1,761,738$ | $\mathrm{~N} / \mathrm{A}$ |  | $67,261,837$ | $2,533,856$ |  |
| $83,199,457$ | $1,624,928$ | $\mathrm{~N} / \mathrm{A}$ |  | $84,824,385$ | $(8,212,778)$ |  |
| $85,252,661$ | $1,660,849$ | $\mathrm{~N} / \mathrm{A}$ | $86,913,510$ | $(10,454,434)$ |  |  |
| $87,541,805$ | $1,661,817$ | $\mathrm{~N} / \mathrm{A}$ | $89,203,622$ | $(10,071,815)$ |  |  |
| $79,200,286$ | $2,350,930$ | $\mathrm{~N} / \mathrm{A}$ | $81,551,216$ | $6,195,146$ |  |  |
|  | $2,001,199$ | $\mathrm{~N} / \mathrm{A}$ | $95,801,558$ | $(5,387,994)$ |  |  |
|  | $2,055,483$ | $\mathrm{~N} / \mathrm{A}$ | $112,053,165$ | 689,214 |  |  |
|  |  |  |  | 600,311 |  |  |

## Oregon Public Employees Retirement System

## Schedule of Benefit Expenses By Type - <br> Defined Benefit Pension Plan <br> For the Years Ended June 30:

| Fiscal Year | Service Benefits |  | Disability Benefits |  |  |  | Death Benefits |  | Refunds |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Duty |  | Non-Duty |  |  |  |  |  |  |
| 2000 | \$ | 1,350,313,078 | \$ | 7,328,142 | \$ | 56,328,089 | \$ | 9,223,048 | \$ | 51,726,463 | \$ | 1,474,918,820 |
| 2001 |  | 1,478,544,032 |  | 7,822,924 |  | 62,163,492 |  | 9,688,541 |  | 46,243,701 |  | 1,604,462,690 |
| 2002 |  | 1,578,535,743 |  | 8,496,606 |  | 69,979,830 |  | 10,121,636 |  | 46,086,912 |  | 1,713,220,727 |
| 2003 |  | 1,888,912,273 |  | 9,102,457 |  | 74,949,807 |  | 5,922,665 |  | 42,640,295 |  | 2,021,527,497 |
| 2004 |  | 2,395,783,190 |  | 10,035,722 |  | 80,793,817 |  | 8,610,162 |  | 42,193,518 |  | 2,537,416,409 |
| 2005 |  | 2,233,603,114 |  | 10,929,003 |  | 85,709,442 |  | 10,572,405 |  | 60,241,863 |  | 2,401,055,827 |
| 2006 |  | 2,264,988,154 |  | 11,371,883 |  | 89,310,558 |  | 5,957,975 |  | 33,172,837 |  | 2,404,801,407 |
| 2007 |  | 2,462,885,953 |  | 12,113,128 |  | 93,493,033 |  | 6,096,828 |  | 41,222,535 |  | 2,615,811,477 |
| 2008 |  | 2,646,746,186 |  | 13,363,139 |  | 96,763,796 |  | 11,432,179 |  | 50,660,781 |  | 2,818,966,081 |
| 2009 |  | 2,674,985,124 |  | 14,270,486 |  | 100,050,006 |  | 912,848 |  | 36,548,963 |  | 2,826,767,427 |

## Schedule of Earnings and Crediting at December 31 ${ }^{1}$ :

| Calendar | Tier One <br> Earnings/(Loss) Available | Credited |  | $\begin{gathered} \text { Variable } \\ \text { Earnings/(Loss) } \end{gathered}$ | Individual Account |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year | for Crediting | Tier One | Tier Two ${ }^{4}$ | Credited | Program |
| 1999 | 24.89\% | $11.33 \%^{2}$ | 21.97\% | 28.83\% |  |
| 2000 | 0.63 | 8.00 | 0.54 | (3.24) |  |
| 2001 | (7.17) | 8.00 | (6.66) | (11.19) |  |
| 2002 | (8.93) | 8.00 | (8.93) | (21.51) |  |
| 2003 | 23.79 | $8.00^{2}$ | 22.00 | 34.68 |  |
| 2004 | 13.80 | 8.00 | 13.27 | 13.00 | $12.77 \%{ }^{3}$ |
| 2005 | 13.74 | 8.00 | 18.31 | 8.29 | 12.80 |
| 2006 | 15.57 | 8.00 | 15.45 | 15.61 | 14.98 |
| 2007 | 10.22 | 7.97 | 9.47 | 1.75 | 9.46 |
| 2008 | (27.18) | 8.00 | (27.18) | (43.71) | (26.75) |
| 1 Calendar year-end information is provided because earnings are credited as of December 31. |  |  |  |  |  |
| 2 Revised by the Board based upon Oregon Supreme Court decisions. |  |  |  |  |  |
| 3 The Individual Account Program began in 2004 and was remediated in 2006 to reflect annual earnings credited for 2004 and 2005. |  |  |  |  |  |
| 4 Tier Two earnings available and credited are the same. |  |  |  |  |  |

## Schedule of Average Benefits for Retiree Health Insurance Account* For the Year Ended June 30, 2009:

| Years Credited Service | $8+$ |
| :--- | ---: |
| Average Monthly Benefit | $\$ 60.00$ |
| Final Average Salary | N/A |
| Number of Active Retirees | 38,923 |

## Schedule of Average Benefits for Retiree Health Insurance Premium Account* For the Year Ended June 30, 2009:

|  | Years Credited Service |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  |
|  | -9 | $10-14$ | $15-19$ | $20-24$ | $25-29$ | $30+$ | Total |
| Average Monthly Benefit | $\$ 132.22$ | $\$ 158.67$ | $\$ 185.11$ | $\$ 211.55$ | $\$ 238.00$ | $\$ 264.44$ | $\$ 234.86$ |
| Final Average Salary | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Number of Active Retirees | 10 | 32 | 67 | 120 | 174 | 306 | 709 |

[^9]
## Schedule of Average Benefit Payments

Retirement Effective Dates

| July 1, 1999 to June 30, 2009 | Years Credited Service |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31+ | Total |
| 2000 Average Monthly Benefit | \$ 314.88 | \$ 748.81 | \$1,204.09 | \$1,930.49 | \$2,920.47 | \$4,051.67 | \$4,780.14 | \$2,325.73 |
| Final Average Salary | \$2,106.75 | \$2,517.33 | \$2,919.61 | \$3,395.33 | \$4,094.83 | \$4,855.80 | \$5,053.21 | \$3,622.55 |
| Number of Active Retirees | 427 | 569 | 546 | 628 | 706 | 930 | 241 | 4,047 |
| 2001 Average Monthly Benefit | \$ 405.07 | \$ 683.83 | \$1,209.61 | \$1,875.77 | \$2,859.28 | \$3,993.94 | \$4,392.49 | \$2,229.74 |
| Final Average Salary | \$2,298.74 | \$2,506.89 | \$2,985.41 | \$3,413.89 | \$4,005.31 | \$4,741.61 | \$4,509.91 | \$3,590.11 |
| Number of Active Retirees | 533 | 521 | 599 | 629 | 739 | 920 | 242 | 4,183 |
| 2002 Average Monthly Benefit | \$ 650.32 | \$ 828.63 | \$1,215.94 | \$1,922.28 | \$2,838.40 | \$4,160.16 | \$4,811.00 | \$2,558.26 |
| Final Average Salary | \$2,358.73 | \$2,581.29 | \$3,011.10 | \$3,536.06 | \$4,166.85 | \$4,827.51 | \$4,996.84 | \$3,851.36 |
| Number of Active Retirees | 386 | 557 | 705 | 683 | 1,019 | 1,233 | 364 | 4,947 |
| 2003 Average Monthly Benefit | \$ 856.88 | \$1,006.22 | \$1,362.42 | \$1,954.71 | \$2,875.88 | \$4,217.31 | \$5,164.67 | \$2,783.01 |
| Final Average Salary | \$2,365.72 | \$2,528.25 | \$3,141.55 | \$3,656.38 | \$4,251.49 | \$4,964.41 | \$5,335.30 | \$4,040.81 |
| Number of Active Retirees | 662 | 1,165 | 1,565 | 1,770 | 2,502 | 2,881 | 1,121 | 11,666 |
| 2004 Average Monthly Benefit | \$ 935.03 | \$ 860.15 | \$1,206.82 | \$1,770.33 | \$2,693.70 | \$3,946.89 | \$4,498.67 | \$2,433.84 |
| Final Average Salary | \$2,168.88 | \$2,564.20 | \$2,990.26 | \$3,513.72 | \$4,043.37 | \$4,634.68 | \$4,826.98 | \$3,759.32 |
| Number of Active Retirees | 359 | 598 | 833 | 947 | 1,143 | 1,419 | 332 | 5,631 |
| 2005 Average Monthly Benefit | \$ 801.66 | \$ 864.45 | \$1,249.86 | \$1,781.65 | \$2,703.55 | \$3,910.88 | \$4,164.56 | \$2,272.84 |
| Final Average Salary | \$2,152.57 | \$2,797.65 | \$2,863.10 | \$3,289.22 | \$3,933.06 | \$4,451.82 | \$3,765.14 | \$3,517.24 |
| Number of Active Retirees | 261 | 459 | 524 | 555 | 533 | 844 | 120 | 3,296 |
| 2006 Average Monthly Benefit | \$ 773.70 | \$ 805.04 | \$1,158.06 | \$1,718.29 | \$2,665.55 | \$3,821.22 | \$4,221.45 | \$2,235.30 |
| Final Average Salary | \$2,271.79 | \$2,970.52 | \$3,472.75 | \$3,682.48 | \$4,128.46 | \$4,785.11 | \$4,408.65 | \$3,877.70 |
| Number of Active Retirees | 228 | 476 | 624 | 677 | 613 | 901 | 173 | 3,692 |
| 2007 Average Monthly Benefit | \$ 720.63 | \$ 806.15 | \$1,155.28 | \$1,703.07 | \$2,534.56 | \$3,808.91 | \$4,395.92 | \$2,284.14 |
| Final Average Salary | \$2,553.98 | \$3,229.36 | \$3,432.01 | \$3,994.66 | \$4,680.36 | \$5,308.36 | \$5,168.70 | \$4,306.19 |
| Number of Active Retirees | 269 | 551 | 602 | 787 | 615 | 1,066 | 280 | 4,170 |
| 2008 Average Monthly Benefit | \$ 844.97 | \$ 798.23 | \$1,197.84 | \$1,604.43 | \$2,332.94 | \$3,792.26 | \$4,670.22 | \$2,304.89 |
| Final Average Salary | \$2,416.86 | \$3,150.35 | \$3,997.78 | \$4,386.41 | \$4,706.43 | \$5,574.01 | \$5,680.10 | \$4,608.00 |
| Number of Active Retirees | 283 | 533 | 636 | 861 | 755 | 1,143 | 339 | 4,550 |
| 2009 Average Monthly Benefit | \$ 818.84 | \$ 868.31 | \$1,165.89 | \$1,645.22 | \$2,415.30 | \$3,726.15 | \$4,801.05 | \$2,404.04 |
| Final Average Salary | \$2,951.31 | \$3,298.61 | \$4,213.32 | \$4,612.67 | \$5,060.59 | \$5,744.27 | \$6,127.04 | \$4,913.37 |
| Number of Active Retirees | 233 | 449 | 512 | 691 | 613 | 940 | 399 | 3,837 |
| Total Average Monthly Benefit | \$ 389.22 | \$610.77 | \$1,000.44 | \$1,545.14 | \$2,383.18 | \$3,525.79 | \$3,850.77 | \$2,059.66 |
| Final Average Salary | \$2,085.93 | \$2,444.31 | \$2,861.37 | \$3,342.15 | \$3,908.58 | \$4,637.36 | \$4,619.84 | \$3,629.22 |
| Number of Active Retirees | 8,783 | 13,154 | 15,252 | 17,972 | 18,976 | 23,260 | 10,539 | 107,936 |

Schedule of Benefit Recipients by Benefit Type
For the Year Ended June 30, 2009

| Monthly | Number | Type of Retirement* |  |  |  |  |  | Annuity Options** |  |  |  | Lump-Sum Options** |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefit Amount | of Retirees | 1 | 2 | 3 | 4 | 5 | Refund Annuity | 1 | 2 | 3 | 4 | 1 | 2 | 3 |
| \$ 1-500 | 20,887 | 16,759 | 171 | 242 | 3,454 | 261 | 3,194 | 4,819 | 3,916 | 1,369 | 661 | 3,994 | 2,326 | 608 |
| 501-1000 | 17,520 | 14,296 | 119 | 759 | 2,032 | 314 | 2,897 | 5,261 | 4,235 | 1,919 | 633 | 1,323 | 942 | 310 |
| 1001-1500 | 13,725 | 11,388 | 93 | 760 | 1,256 | 228 | 2,046 | 4,015 | 3,742 | 1,738 | 464 | 791 | 718 | 211 |
| 1501-2000 | 10,769 | 9,076 | 101 | 632 | 771 | 189 | 1,472 | 3,029 | 3,075 | 1,358 | 374 | 633 | 639 | 189 |
| 2001-2500 | 9,042 | 7,920 | 64 | 448 | 494 | 116 | 1,155 | 2,507 | 2,587 | 1,197 | 262 | 522 | 661 | 151 |
| 2501-3000 | 7,678 | 6,946 | 50 | 297 | 326 | 59 | 999 | 2,106 | 2,371 | 1,111 | 262 | 307 | 401 | 121 |
| 3001-3500 | 6,642 | 6,133 | 33 | 198 | 252 | 26 | 826 | 1,784 | 2,390 | 1,033 | 207 | 150 | 198 | 54 |
| 3501-4000 | 5,782 | 5,468 | 18 | 123 | 156 | 17 | 530 | 1,602 | 2,242 | 974 | 196 | 89 | 109 | 40 |
| 4001-4500 | 4,990 | 4,780 | 19 | 63 | 118 | 10 | 435 | 1,252 | 2,133 | 893 | 137 | 36 | 76 | 28 |
| 4501-5000 | 3,556 | 3,425 | 9 | 39 | 81 | 2 | 302 | 908 | 1,576 | 598 | 107 | 15 | 41 | 9 |
| 5001-5500 | 2,585 | 2,494 | 10 | 27 | 52 | 2 | 185 | 641 | 1,148 | 504 | 71 | 13 | 20 | 3 |
| 5501-6000 | 1,702 | 1,651 | 4 | 16 | 31 | - | 103 | 381 | 779 | 371 | 42 | 4 | 16 | 6 |
| 6000 plus | 3,058 | 2,954 | 2 | 20 | 81 | 1 | 167 | 644 | 1,513 | 631 | 50 | 10 | 36 | 7 |


| Totals 107,936 | 93,290 | 693 | 3,624 | 9,104 | 1,225 | 14,311 | 28,949 | 31,707 | 13,69 | 3,466 | 7,887 | 6,183 | 1,737 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| *Type of Retirement |  |  |  |  |  |  | ** Annuity and Lump-Sum Options |  |  |  |  |  |  |
| 1 - Normal |  |  |  |  |  |  | $1-\mathrm{N}$ | nefit for | eneficia |  |  |  |  |
| 2 - Duty Disability |  |  |  |  |  |  | 2 - Be | iciary re | ives sa | e mon | life. |  |  |
| 3 - Non-Duty Disability |  |  |  |  |  |  | 3 - Be | iciary re | ives h | the m | or life. |  |  |
| 4 - Survivor Payment |  |  |  |  |  |  | 4-15- | ar certain |  |  |  |  |  |

## Oregon Public Employees Retirement System

## Schedule of Retirement System Membership at December 31:

|  |  | 1980 |  | 1985 |  | 1990 | 1995 | 2000 | 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 37,935 |  | 37,824 |  | 46,187 | 45,068 | 42,434 | 38,076 |
| School Districts |  | 46,150 |  | 47,590 |  | 48,144 | 55,734 | 63,133 | 56,756 |
| Political Subdivisions |  | 23,728 |  | 26,238 |  | 33,177 | 40,635 | 53,291 | 50,085 |
| Inactive Members |  | 14,128 |  | 15,920 |  | 23,225 | 32,033 | 44,830 | 47,289 |
| Total Non-Retired |  | 121,941 |  | 127,572 |  | 150,733 | 173,470 | 203,688 | 192,206 |
| Retired Members |  |  |  |  |  |  |  |  |  |
| and Beneficiaries |  | 32,832 |  | 46,181 |  | 55,540 | 64,796 | 82,355 | 101,213 |
| Total Membership |  | 154,773 |  | 173,753 |  | 206,273 | 238,266 | 286,043 | 293,419 |
| Administrative Expense | \$ | 1,949,677 | \$ | 2,905,072 | \$ | 8,901,091 | \$ 13,500,677 | \$ 24,358,550 | \$ 40,056,600 |
| Pension Roll (one month) | \$ | 7,474,402 | \$ | 18,083,614 | \$ | 33,175,888 | \$ 58,457,531 | \$122,467,087 | \$ 202,633,214 |

## Schedule of Retirement System Membership at June 30:

|  |  | 2004 |  | 2005 | 2006 | 2007 | 2008 | 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State Agencies |  | 41,818 |  | 39,588 | 36,817 | 42,906 | 41,872 | 44,377 |
| School Districts |  | 62,804 |  | 58,566 | 55,493 | 65,792 | 69,840 | 70,946 |
| Political Subdivisions |  | 56,186 |  | 51,768 | 48,442 | 55,850 | 55,740 | 55,745 |
| Inactive Members |  | 48,627 |  | 48,017 | 46,952 | 52,513 | 46,356 | 43,397 |
| Total Non-Retired |  | 209,435 |  | 197,939 | 187,704 | 217,061 | 213,808 | 214,465 |
| Retired Members |  |  |  |  |  |  |  |  |
| and Beneficiaries |  | 98,686 |  | 100,124 | 101,519 | 103,368 | 105,721 | 107,936 |
| Total Membership |  | $\underline{308,121}$ |  | $\underline{\text { 298,063 }}$ | 289,223 | 320,429 | 319,529 | 322,401 |
| Administrative Expense | \$ | 30,097,192 | \$ | 42,534,651 | \$ 37,776,761 | \$ 46,488,473 | \$ 44,748,419 | \$ 46,106,837 |
| Pension Roll (one month) | \$ | 207,501,846 | \$ | 184,518,138 | \$ 205,232,050 | \$216,137,975 | \$ 230,863,092 | \$ 227,379,725 |

## Schedule of Principal Participating Employers

Current Fiscal Year and Three Years Ago

|  | 2009 |  |  |  | 2006 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |

## Schedule of Participating Employers (885)

State (116)
Appraiser Certification and Licensure Board
Board of Accountancy
Board of Architect Examiners
Board of Chiropractic Examiners
Board of Examiners for Engineering and Land Surveying
Board of Geologists Examiners
Board of Optometry
Board of Parole and Post-Prison Supervision
Board of Pharmacy
Board of Psychologist Examiners
Bureau of Labor and Industries
Chancellor's Office
Commission on Indian Services
Commission on Judicial Fitness and Disability
Construction Contractors Board
Department of Administrative Services
Department of Agriculture
Department of Aviation
Department of Community Colleges and Work Force Development
Department of Consumer and Business Services
Department of Corrections
Department of Education
Department of Energy
Department of Environmental Quality
Department of Human Services
Department of Justice
Department of Land Conservation and Development
Department of Military - Federal Employees
Department of Revenue
Department of State Lands
Department of State Police
Department of Transportation
Department of Veterans' Affairs
District Attorneys Department
Eastern Oregon University
Economic Development Department
Employment Department
Employment Relations Board
Forestry Department
Geology and Mineral Industries
Health Related Licensing Boards
Industries for the Blind
Judges PERS
Judicial Department
Land Use Board of Appeals
Landscape Contractors Board
Legislative Administration Board
Legislative Assembly
Legislative Committees
Legislative Fiscal Office
Long Term Care Ombudsman
Military Department
Office of the Governor
Office of Legislative Counsel

Office of Private Health Partnerships
Office of the State Treasurer
Oregon Advocacy Commission Office
Oregon Board of Licensed Professional Counselors and Therapists
Oregon Beef Council
Oregon Board of Dentistry
Oregon Board of Massage Therapists
Oregon Board of Medical Examiners
Oregon Commission for the Blind
Oregon Commission on Children and Families
Oregon Corrections Enterprises
Oregon Criminal Justice Commission
Oregon Dairy Products Commission
Oregon Department of Fish and Wildlife
Oregon Dungeness Crab Commission
Oregon Film and Video
Oregon Forest Resources Institute
Oregon Fryer Commission
Oregon Government Ethics Commission
Oregon Hazelnut Commission
Oregon Health Licensing Agency
Oregon Hop Commission
Oregon Housing and Community Services
Oregon Institute of Technology
Oregon Liquor Control Commission
Oregon Parks and Recreation Department
Oregon Patient Safety Commission
Oregon Potato Commission
Oregon Racing Commission
Oregon Salmon Commission
Oregon Student Assistance
Commission
Oregon State Bar
Oregon State Bar Professional Liability Fund
Oregon State Board of Nursing
Oregon State Library
Oregon State University
Oregon Tourism Commission
Oregon Trawl Commission
Oregon Watershed Enhancement Board
Oregon Wheat Commission
Oregon Wine Board
Oregon Youth Authority
Physical Therapist Licensing Board
Portland State University
Psychiatric Security Review Board
Public Defense Services Commission
Public Employees Retirement System
Public Safety Standards and Training
Public Utility Commission
Real Estate Agency
Secretary of State
Southern Oregon University
State Accident Insurance Fund
State Board of Clinical Social Workers
State Board of Tax Practitioners

State Lottery Commission
State Marine Board
Teacher Standards and Practices
Commission
Travel Information Council
University of Oregon
Water Resources Department
Western Oregon University

## Political Subdivisions (485)

Adair Village, City of
Albany, City of
Amity, City of
Amity Fire District
Applegate Valley RFPD 9
Arch Cape Service District
Ashland, City of
Ashland Parks Commission
Astoria, City of
Athena, City of
Aumsville, City of
Aumsville RFPD
Aurora, City of
Aurora RFPD
Baker, City of
Baker County
Baker County Library District
Baker Valley Irrigation District
Bandon, City of
Banks, City of
Banks Fire District 13
Bay City, City of
Beaverton, City of
Bend, City of
Bend Metropolitan Park and Recreation District
Benton County
Black Butte Ranch RFPD
Black Butte Ranch Service District
Boardman, City of
Boardman RFPD
Boring RFD 59
Brookings, City of
Brownsville RFPD
Burns, City of
Burnt River Irrigation District
Butte Falls, Town of
Canby, City of
Canby FPD 62
Canby Utility Board
Cannon Beach, City of
Cannon Beach RFPD
Canyon City, Town of
Canyonville, City of
Carlton, City of
Cascade Locks, City of
Cave Junction, City of
Central Oregon Coast Fire and Rescue District
Central Oregon Intergovernmental Council
Central Oregon Irrigation District
Central Oregon Regional Housing Authority

## Oregon Public Employees Retirement System

Central Point, City of
Charleston RFPD
Chetco Community Public Library Board
Chiloquin, City of
Chiloquin-Agency Lake RFPD
City County Insurance Services
Clackamas County
Clackamas County Fair
Clackamas County Fire District 1
Clackamas County Vector Control District
Clackamas River Water
Clatskanie, City of
Clatskanie Library District
Clatskanie People's Utility District
Clatskanie RFPD
Clatsop County
Clatsop County 4-H and Extension Service District
Clean Water Services
Cloverdale RFPD
Coburg, City of
Coburg RFPD
Colton RFPD 70
Columbia, City of
Columbia County
Columbia County 911 Communications District
Columbia Drainage Vector Control District
Columbia Health District
Columbia River Fire and Rescue
Columbia River PUD
Community Services Consortium
Condon, City of
Coos Bay, City of
Coos County
Coos County Airport District
Coquille, City of
Corbett Water District
Cornelius, City of
Corvallis, City of
Cottage Grove, City of
Crescent RFPD
Creswell, City of
Crook County
Crook County RFPD 1
Crooked River Ranch RFPD
Crystal Springs Water District
Culver, City of
Curry County
Curry Public Library District
Dallas, City of
Dayton, City of
Depoe Bay, City of
Depoe Bay RFPD
Deschutes County
Deschutes County RFPD 2
Deschutes Public Library District
Deschutes Valley Water District
Dexter RFPD 2
Douglas County
Douglas County RFPD 2
Douglas County Soil and Water Conservation District

Drain, City of
Dufur, City of
Dundee, City of
Dunes City, City of
Durham, City of
Eagle Point, City of
East Fork Irrigation District
East Umatilla County RFPD
Echo, City of
Elgin, City of
Elkton, City of
Enterprise, City of
Estacada, City of
Estacada Cemetery Maintenance District
Estacada RFD 69
Eugene, City of
Eugene Water and Electric Board
Fairview, City of
Fairview Water District
Falls City, City of
Farmers Irrigation District
Fern Ridge Community Library
Florence, City of
Fossil, City of
Garibaldi, City of
Gaston, City of
Gaston RFPD
Gearhart, City of
Gervais, City of
Gilliam County
Gladstone, City of
Glide RFPD
Gold Beach, City of
Gold Hill, City of
Goshen RFPD
Grant County
Grants Pass, City of
Grants Pass Irrigation District
Greater St. Helens Parks and Recreation District
Green Sanitary District
Gresham, City of
Halsey, City of
Halsey-Shedd RFPD
Happy Valley, City of
Harbor Water PUD
Harney County
Harney Health District
Harrisburg, City of
Harrisburg Fire and Rescue
Helix, City of
Heppner, City of
Hermiston, City of
Hermiston RFPD
High Desert Park and Recreation District
Hillsboro, City of
Hines, City of
Hood River, City of
Hood River County
Hoodland RFD 74
Horsefly Irrigation District
Housing Authority of Clackamas County

Housing Authority of Jackson County
Housing Authority of Portland
Hubbard, City of
Hubbard RFPD
Huntington, City of
Ice Fountain Water District
Illinois Valley RFPD
Imbler RFPD
Independence, City of
Irrigon, City of
Jackson County
Jackson County Fire District 3
Jackson County Fire District 4
Jackson County Fire District 5
Jackson County Fire District 6
Jackson County Vector Control District
Jacksonville, City of
Jefferson, City of
Jefferson County
Jefferson County EMS District
Jefferson County Library District
Jefferson County RFPD 1
Jefferson County SWCD
Jefferson RFPD
Job Council
John Day, City of
Jordan Valley, City of
Joseph, City of
Josephine County
Junction City RFPD
Junction City, City of
Keizer RFPD
Keizer, City of
Keno RFPD
King City, City of
Klamath County
Klamath County Emergency
Communications District
Klamath County Fire District 1
Klamath Falls, City of
Klamath Housing Authority
Klamath Vector Control District
Knappa Svensen Burnside RFPD
La Grande, City of
La Pine RFPD
Lafayette, City of
Lake County
Lake County 4-H and Extension Service District
Lake County Library District
Lake Oswego, City of
Lakeside, City of
Lakeside Water District
Lakeview, Town of
Lane Council of Governments
Lane County
Lane County Fair Board
Lane County Fire District 1
Lane Rural Fire Rescue
League of Oregon Cities
Lebanon Aquatic District
Lebanon, City of
Lebanon RFPD
Lincoln City, City of
Lincoln County

Lincoln County Communications Agency
Linn County
Linn-Benton Housing Authority
Local Government Personnel Institute
Lowell, City of
Lowell RFPD
Lyons, City of
Lyons RFPD
Madras, City of
Malheur County
Malin, City of
Manzanita, City of
Mapleton Water District
Marion County
Marion County Fire District 1
Marion County Housing Authority
Maupin, City of
McKenzie RFPD
McMinnville, City of
McMinnville Water and Light Department
Medford, City of
Medford Irrigation District
Medford Water Commission
Merrill, City of
Metolius, City of
METRO
Metropolitan Area Communication Commission
Mid-Columbia Center for Living
Mid-Columbia Council of Governments
Mill City, City of
Mill City RFPD
Millersburg, City of
Millington RFPD
Milton-Freewater, City of
Milwaukie, City of
Mist-Birkenfeld RFPD
Mohawk Valley RFD
Molalla, City of
Molalla RFPD 73
Monmouth, City of
Monroe, City of
Monroe RFPD
Moro, City of
Mt. Angel, City of
Mt. Angel Fire District
Mt. Vernon, City of
Mulino Water District 23
Multnomah County
Multnomah County Drainage District 1
Multnomah County RFPD 14
Myrtle Creek, City of
Myrtle Point, City of
Nehalem Bay Health District
Nehalem Bay Wastewater Agency
Nesika Beach - Ophir Water District
Neskowin Regional Sanitary Authority
Neskowin Regional Water District
Nestucca RFPD
Netarts-Oceanside RFPD
Netarts-Oceanside Sanitary District
Netarts Water District
Newberg, City of
Newport, City of

North Bend City Housing Authority
North Bend, City of
North Clackamas County Water Commission
North Douglas County Fire and EMS
North Lincoln Fire \& Rescue District 1
North Marion County Communications
North Morrow Vector Control District
North Plains, City of
North Powder, City of
North Wasco County Parks \&
Recreation District
Northeast Oregon Housing Authority
Northern Oregon Corrections
Northwest Senior and Disability Services
Nyssa, City of
Nyssa Road Assessment District 2
Oak Lodge Sanitary District
Oak Lodge Water District
Oakland, City of
Oakridge, City of
Ochoco Irrigation District
Odell RFPD
Odell Sanitary District
Ontario, City of
Oregon Cascades West COG
Oregon City, City of
Oregon Community College
Association
Oregon Consortium, The
Oregon Coastal Zone Management Association
Oregon Health \& Science University
Oregon School Boards Association
Oregon Small Schools Association
Oregon Trail Library District
Owyhee Irrigation District
Parkdale RFPD
Pendleton, City of
Philomath, City of
Philomath Fire and Rescue
Phoenix, City of
Pilot Rock, City of
Pleasant Hill RFPD
Polk County
Polk County Fire District 1
Polk Soil and Water Conservation District
Port of Astoria
Port of Cascade Locks
Port of Coos Bay, International
Port of Garibaldi
Port of Hood River
Port of Newport
Port of Portland
Port of St. Helens
Port of The Dalles
Port of Tillamook Bay
Port of Umatilla
Port Orford, City of
Port Orford Public Library
Portland, City of
Portland Development Commission
Powers, City of
Prairie City, City of

Oregon Public Employees Retirement System
Prineville, City of
Rainbow Water District
Rainier, City of
Rainier Cemetery District
Redmond Area Park and Recreation District
Redmond, City of
Reedsport, City of
Regional Organized Crime Narcotics Task Force
Riddle, City of
Rockaway Beach, City of
Rockwood Water PUD
Rogue River, City of
Rogue River RFPD
Rogue River Valley Irrigation District
Roseburg, City of
Roseburg Urban Sanitary Authority
Rural Road Assessment District 3
Salem, City of
Salem Housing Authority
Salmon Harbor and Douglas County
Sandy, City of
Sandy RFPD 72
Santa Clara RFPD
Scappoose, City of
Scappoose Public Library District
Scappoose RFPD
Scio RFPD
Seal Rock Water District
Shady Cove, City of
Sheridan, City of
Sheridan Fire District
Sherman County
Sherwood, City of
Silver Falls Library District
Silverton, City of
Silverton RFPD 2
Sisters and Camp Sherman RFPD
Sisters, City of
Siuslaw Public Library District
Siuslaw RFPD 1
South Fork Water Board
South Lane County Fire and Rescue
South Suburban Sanitary District
Southwest Polk County RFPD
Southwest Lincoln County Water District
Springfield, City of
Springfield Utility District
St. Helens, City of
Stanfield, City of
Stanfield Fire District 7-402
Stayton, City of
Stayton RFPD
Sublimity RFPD
Suburban East Salem Water District
Sunrise Water Authority
Sunriver Service District
Sutherlin, City of
Sutherlin Water Control District
Sweet Home, City of
Sweet Home Cemetery Maintenance District
Sweet Home Fire and Ambulance District

Talent, City of
Talent Irrigation District
Tangent RFPD
Tigard, City of
Tillamook, City of
Tillamook County Emergency Communications District
Tillamook County Soil and Water Conservation District
Tillamook Fire District
Tillamook People's Utility District
Toledo, City of
Tri-City Water and Sanitary Authority
Tri-County Cooperative Weed Management Area
Troutdale, City of
Tualatin, City of
Tualatin Valley Fire and Rescue
Tualatin Valley Irrigation District
Tualatin Valley Water District
Turner, City of
Turner RFPD
Umatilla, City of
Umatilla County
Umatilla County Soil and Water District
Umatilla County Special Library District
Umatilla RFPD 7-405
Vale, City of
Valley View Cemetery Maintenance District
Veneta, City of
Vernonia, City of
Vernonia RFPD
Waldport, City of
Wallowa, City of
Wallowa County
Warrenton, City of
Wasco County
Wasco County Soil and Water Conservation District
Washington County
Washington County Consolidated Communications Agency
Washington County Fire District 2
West Extension Irrigation District
West Linn, City of
West Multnomah Soil and Water Conservation District
West Side Fire District
West Slope Water District
West Valley Fire District
West Valley Housing Authority
Western Lane Ambulance District
Westfir, City of
Weston, City of
Weston Cemetery District
Wheeler, City of
Wickiup Water District
Willamette Valley Fire and Rescue Authority
Willamina, City of
Wilsonville, City of
Winchester Bay Sanitary District
Winston, City of

Winston-Dillard Fire District
Winston-Dillard Water District
Wood Village, City of
Woodburn, City of
Woodburn Fire District
Yachats, City of
Yachats RFPD
Yamhill, City of
Yamhill Communications Agency
Yamhill County
Yoncolla, City of
Community Colleges (17)
Blue Mountain Community College
Central Oregon Community College
Chemeketa Community College
Clackamas Community College
Clatsop Community College
Columbia Gorge Community College
Klamath Community College
Lane Community College
Linn-Benton Community College
Mt. Hood Community College
Oregon Coast Community College
Portland Community College
Rogue Community College
Southwestern Oregon Community College
Tillamook Bay Community College
Treasure Valley Community College
Umpqua Community College
School Districts (267)
Alliance Charter Academy
Armadillo Technical Institute
Baker CSD 5J
Baker CSD 16J
Baker CSD 30 J
Baker CSD 61
Ballston Community School
Beaverton School District 45J
Benton CSD 1J
Benton CSD 7J
Benton CSD 17J
Benton CSD 509J
Cascade Heights Public Charter School
Central Curry School District 1
City View Charter School
Clackamas County ESD
Clackamas CSD 3
Clackamas CSD 7J
Clackamas CSD 12
Clackamas CSD 35
Clackamas CSD 46
Clackamas CSD 53
Clackamas CSD 62
Clackamas CSD 86
Clackamas CSD 108
Clackamas CSD 115
Clatskanie School District 6J
Clatsop CSD 1C
Clatsop CSD 4
Clatsop CSD 8
Clatsop CSD 10
Clatsop CSD 30

Columbia CSD 13
Columbia CSD 47 J
Columbia CSD 502
Columbia Gorge Education Service
District
Condon Admin. School District 25J
Coos CSD 8
Coos CSD 9
Coos CSD 13
Coos CSD 31
Coos CSD 41
Coos CSD 54
Crook CSD
Curry CSD 2CJ
Curry CSD 17C
Dayton School District 8
Deschutes CSD 1
Deschutes CSD 2J
Deschutes CSD 6
Douglas County ESD
Douglas CSD 1
Douglas CSD 4
Douglas CSD 12
Douglas CSD 15
Douglas CSD 19
Douglas CSD 21
Douglas CSD 22
Douglas CSD 32
Douglas CSD 34
Douglas CSD 70
Douglas CSD 77
Douglas CSD 105
Douglas CSD 116
Douglas CSD 130
EagleRidge High School
Eddyville Charter School
Estacada Web and Early College Academy
Forest Grove Community School
Fossil School District 21J
Four Rivers Community School
Gilliam CSD 3
Grant School District 3
Grant County ESD
Grant CSD 4
Grant CSD 8
Grant CSD 16J
Grant CSD 17
Greater Albany Public Schools 8J
Harney ESD Region 17
Harney CSD 3
Harney CSD 4
Harney CSD 7
Harney CSD 10
Harney CSD 13
Harney CSD 16
Harney CSD 28
Harney CSD UH1J
Harrisburg School District 7
High Desert Education Service District
Hillsboro School District 1J
Hood River CSD
Howard Street Charter School, Inc.
Inavale Community Partners
Ione School District

Jackson CSD 4
Jackson CSD 5
Jackson CSD 6
Jackson CSD 9
Jackson CSD 35
Jackson CSD 59
Jackson CSD 91
Jackson CSD 94
Jackson CSD 549C
Jefferson County ESD
Jefferson CSD 4
Jefferson CSD 8
Jefferson CSD 41
Jefferson CSD 509J
Jordan Valley School District 3
Josephine County UJ School District
Josephine CSD 7
Kings Valley Charter School
Klamath CSD CU
Klamath Falls City Schools
KOREducators
Lake County ESD
Lake CSD 7
Lake CSD 11C
Lake CSD 14
Lake CSD 18
Lake CSD 21
Lane County ESD
Lane CSD 1
Lane CSD 4J
Lane CSD 19
Lane CSD 28J
Lane CSD 32
Lane CSD 40
Lane CSD 45J3
Lane CSD 52
Lane CSD 66
Lane CSD 68
Lane CSD 69
Lane CSD 71
Lane CSD 76
Lane CSD 79J
Lane CSD 90
Lane CSD 97J
Lewis and Clark Montessori Charter School
Lincoln CSD
Linn CSD 9
Linn CSD 55
Linn CSD 95C
Linn CSD 129J
Linn CSD 552C
Linn Benton Lincoln ESD
Lourdes Charter School
Luckiamute Valley Charter School
Madrone Trail Public Charter School
Malheur ESD Region 14
Malheur CSD 8C
Malheur CSD 12
Malheur CSD 26C
Malheur CSD 29
Malheur CSD 61
Malheur CSD 66
Malheur CSD 81
Malheur CSD 84

Marion CSD 1
Marion CSD 4J
Marion CSD 5
Marion CSD 14CJ
Marion CSD 15
Marion CSD 24J
Marion CSD 45
Marion CSD 91
Marion CSD 103C
Mastery Learning Institute
Morrow CSD
Mosier Community School
Multisensory Institute Teaching Children
Multisensory Learning Academy
Multnomah County ESD
Multnomah CSD 1
Multnomah CSD 3
Multnomah CSD 7
Multnomah CSD 10
Multnomah CSD 28-302 JT
Multnomah CSD 39
Multnomah CSD 51JT
Multnomah CSD R-40
Nixyaawii Community School
North Central ESD
North Santiam School District 29J
North Powder School District
North Wasco CSD 21
Northwest Regional ESD
Opal School
Oregon Building Congress Academy
for Architecture, Construction and
Engineering
Oregon Connections Academy
Oregon Virtual Academy
Phoenix School, The
Polk CSD 2
Polk CSD 13J
Polk CSD 21
Polk CSD 57
Portland Village School
Ridgeline Montessori Public Charter School
Rimrock Academy
Sage Community School
Sand Ridge Charter School
Scappoose School District 1J
Self-Enhancement Inc.
Sheridan Japanese School Foundation
Sherman CSD
Sherwood Charter School
Siletz Valley Early College Academy
Siletz Valley School
Sisters Charter School
Slavic Youth of America
South Coast ESD Region 7
South Columbia Family School
South Harney School District 33
South Wasco County School District 1
Southwest Charter School
Southern Oregon ESD
Springwater Environmental Sciences School
Sweet Home Charter School

## Oregon Public Employees Retirement System

The Emerson School
The Lighthouse School
The Village School
Three Rivers Charter School
Tillamook CSD 9
Tillamook CSD 21
Tillamook CSD 56
Tillamook CSD 101
Trillium Charter School
Umatilla County Administrative School District 1R
Umatilla Morrow ESD
Umatilla CSD 2R
Umatilla CSD 5
Umatilla CSD 6R
Umatilla CSD 7
Umatilla CSD 8R
Umatilla CSD 16R
Umatilla CSD 29RJ
Umatilla CSD 61R
Umatilla CSD 80R
Union-Baker ESD
Union CSD 1
Union CSD 5
Union CSD 11
Union CSD 15
Union CSD 23
Upper Chetco Charter School
Wallowa County Region 18 ESD
Wallowa CSD 6
Wallowa CSD 12
Wallowa CSD 21
Wallowa CSD 54
Wasco CSD 29
Washington CSD 13
Washington CSD 15
Washington CSD 23J
Washington CSD 88J
Washington CSD 511JT
West Lane Technical Learning Center
Wheeler CSD 1
Wheeler CSD 55U
Willamette ESD
Yamhill CSD 1
Yamhill CSD 4J
Yamhill CSD 29JT
Yamhill CSD 30-44-63J
Yamhill CSD 40
Yamhill CSD 48J

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Cover art
The image on the front cover is a partial view of the massive Vermont marble relief sculpture flanking the west side of the main entrance to the Oregon State Capitol. Called The Covered Wagon, it was sculpted by American artist Leo Friedlander.


[^0]:    1 Morgan Stanley Capital International All Country World Index ex-US Investable Market Index Net Index
    2 90\% Barclays Capital Universal/10\% Solomon Smith Barney Inc. Non-US World Government Bond Hedged
    3 Returns are lagged one quarter.
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[^2]:    ${ }^{1}$ Since last valuation date.
    ${ }^{2}$ Annual allowances reflect estimated adjustments to retiree benefits due to the implementation of the Strunk v. PERB, et al. and City of Eugene v. State of Oregon, PERB, et al. decisions.

[^3]:    ${ }^{3}$ Annual allowances do not reflect adjustments due to any interpretation of Judge Kantor's June 20, 2007 ruling in the Arken and Robinson cases.
    ${ }^{4}$ Discrepancies contained in this table are the result of rounding differences.

[^4]:    ${ }^{1}$ Side account assets are included with Tier One/Tier Two assets.
    ${ }^{2}$ Excludes UAAL for Multnomah Fire District ( $\$ 149$ million as of December 31, 2008).
    ${ }^{3}$ Covered payroll shown is payroll for members of the rate pool benefiting from the specified program. For example, Tier One/Tier Two School District payroll is only payroll for Tier One/Tier Two members and excludes OPSRP. However, UAL is amortized using combined Tier One/Tier Two and OPSRP payroll.
    ${ }^{4}$ Reflects the transfer in assets and liabilities for new employers that joined the SLGRP effective January 1, 2006.
    5 Reflects the transfer in assets and liabilities for new employers that joined the SLGRP effective January 1, 2008.

[^5]:    ${ }^{1}$ Discrepancies contained in this table are the result of rounding differences.

[^6]:    1 House Bill 3262, enacted by the 2005 Oregon Legislature, combined the OPSRP Pension Program with the existing defined benefit plan. Activity since 2005 includes activity of the OPSRP Pension Program.
    2 The Oregon Public Service Retirement Plan was added to the System in January 2004.

[^7]:    1 Calendar year-end information is provided because earnings are distributed as of December 31.

[^8]:    1 Calendar year-end information is provided because earnings are distributed as of December 31
    2 Standard Retiree Health Insurance Account was added to the System July 1, 1999.

[^9]:    * Effective years of retirement and final average salary are not available for OPEB.

