# Oregon Public Employees Retirement System

An Agency of the State of Oregon



# **Comprehensive Annual Financial Report** For the Fiscal Year Ended June 30, 2002

The photographs in this annual report show a few of the many Oregon Public Employees Retirement System members.\* From cafeteria workers who serve our children nutritious lunches to legislators who guide our state policies, PERS has members in every walk of life. PERS is proud to adminster a retirement plan for the many dedicated public employees ensuring Oregon's way of life.

\*Space constraints limit the number of groups we can represent pictorially. For a complete listing of all agencies that are a part of the System, see listings beginning on page 71.

# Oregon Public Employees Retirement System

An Agency of the State of Oregon

# Comprehensive Annual Financial Report

For the Fiscal Year Ended June 30, 2002

James M. Voytko Executive Director

Dale S. Orr Chief Financial Officer



11410 SW 68th Parkway, Tigard OR 97223 Mailing Address – PO Box 23700, Tigard OR 97281-3700 – Phone 503-598-7377 Web site - www.pers.state.or.us

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# Introductory Section



PERS' membership includes teachers, college professors, support staff, and others who work to instill a love of learning in our youth and to provide ongoing education for adults.

**Oregon Public Employees Retirement System** 

Letter of Transmittal



### **Public Employees Retirement System**

Headquarters: 11410 S.W. 68th Parkway Tigard, OR Mailing Address: P.O. Box 23700 Tigard, OR 97281-3700 (503) 598-7377 TTY (503) 603-7766

December 10, 2002

Public Employees Retirement Board Oregon Public Employees Retirement System Tigard, Oregon 97281-3700

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, 2002. PERS management is responsible for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures.

The report is divided into five sections: (1) an Introductory Section, which contains this transmittal letter, the Chair's Report, administrative organization, and the Certificate of Achievement for Excellence in Financial Reporting; (2) the Financial Section, which contains the Independent Auditor's Report by the Oregon Audits Division, Management's Discussion and Analysis, the financial statements of the System, and certain required supplementary information; (3) an Investment Section, which contains the Investment Officer's report on investment activity, investment policies, investment results, and various investment schedules; (4) the Actuarial Section, which contains the Actuary's Certification Letter and the results of the biennial actuarial valuation; and (5) a Statistical Section, which includes significant PERS data.

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 state-sponsored deferred compensation program. PERS currently provides services to over 300,000 members and retirees and to 861 employers.

### **Major Initiatives**

Three major events and initiatives dominated PERS during the past year and will most likely dominate PERS into the next year. First, the Board adopted a new policy to incorporate the latest mortality assumptions in the actuarial equivalency factors used to calculate most member benefits. At this time, the concept is still in the rule-making process which is expected to be completed before the end of 2002. Depending on the specific application of the Board's policy, the rule will potentially lower System costs by between \$775 million to \$2,300 million. In preparation for potential court challenges to the Board's action, the Oregon Legislature directed that any legal action will be remanded directly to the Oregon Supreme Court for quicker resolution.

The second dominant event that has affected and will continue to affect PERS is the preliminary ruling by the Marion County Circuit Court that the Board misapplied 1999 earnings in its earnings crediting decision and did not implement updated actuarial equivalency factors in a timely manner. In addition, the Court's tentative ruling stated that the Board has misinterpreted a specific set of statutes when calculating member benefits. As of this date, the final ruling has not been issued and no decision has been made by the Board whether to implement the Court ruling, negotiate a settlement or appeal the decision. Fiscal impacts from the Court ruling can be minor or significant depending on the final outcome of the legal process.

Lastly, in 2002, the Board initiated a strategy to modernize and streamline its operations and data processing systems. Funding for PERS' initial plan, submitted in 2001, was not approved by the Oregon Legislature. As a result, PERS submitted a new plan that will simultaneously stabilize its declining systems, bring in new technologies to replace the older systems and augment and train current information technology staff so that they can operate in the new technological environment. This strategy will be divided into a series of projects that are expected to continue incrementally through 2008. In 2002 the Oregon Legislature approved over \$7 million in funding for the first set of related projects.

### **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), 26 (postemployment healthcare plans), and 32 (deferred compensation plans). During the year ended June 30, 2002, PERS adopted GASB Statement 34, "Basic Financial Statements and Management's Discussion and Analysis for State and Local Governments." We would like to direct your attention to Management's Discussion and Analysis which begins on page 12.

### 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 that 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 on odd-numbered calendar years. PERS' funding objective is to meet long-term benefit promises through contributions that remain approximately level as a percent of employer payroll. 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 the returns on those investments should increase the funding base and allow for a more stable employer contribution rate. While recent investment losses have caused erosion in the funded status of PERS, the System continues to be a well-funded pension system with a funded ratio of 87 percent (see page 57).

### Investments

The Oregon Investment Council (OIC) has statutory authority (ORS 293.701) to establish policies for the investment and reinvestment of PERS funds. The primary investment objective of the OIC is to make PERS investment funds as productive as possible. At the same time, the OIC acts as a prudent investor in the management of the PERS portfolio. Descriptions of specific OIC policies regarding diversification, performance objectives, fees, and asset allocation are found on pages 44 through 50.

### Other Information

### **Professional Services**

Professional consultants are appointed by the Board to perform services essential to the efficient operation of PERS. The audit opinion from the Oregon Audits Division and certification from the PERS actuary are included in this report. The consultants appointed by the Board are listed in the organizational chart on page 7.

### 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, 2001. The Certificate of Achievement is a prestigious national award recognizing conformance with the highest standards of preparation of state and local government financial reports.

In order 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 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 11 consecutive years. We believe our current report continues to conform with the Certificate of Achievement program requirements, and we are submitting it to the GFOA.

### 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. Special recognition is extended to Gene Chouinard, CPA, who coordinated the compilation of the report.

This report is being mailed to all PERS employers. Summary financial information 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 staff, the Board, the advisors, and the many other people who work so diligently to assure the successful operation of PERS.

Respectfully submitted,

Jam Vay h

James M. Voytko Executive Director

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Dale S. Orr Chief Financial Officer

## **Certificate of Achievement**

# Certificate of Achievement for Excellence in Financial Reporting

Presented to

# **Oregon Public Employees Retirement System**

For its Comprehensive Annual **Financial Report** for the Fiscal Year Ended June 30, 2001

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.



I make Orwer President

Executive Director

### **Chair's Report**





### Public Employees Retirement System

Headquarters: 11410 S.W. 68th Parkway Tigard, OR Mailing Address: P.O. Box 23700 Tigard, OR 97281-3700 (503) 598-7377 TTY (503) 603-7766

December 10, 2002

Dear Board Members:

The 2001-2002 fiscal year challenged PERS with poor market returns and a growing unfunded actuarial liability.

The Board is concerned about the losses incurred by the fund as a result of the declining stock market. We are fully aware of the effects of negative returns on employers, members who participate in the variable fund, and Tier Two members. However, while investment markets declined sharply in late 2001 and in 2002, the plan's ability to sustain benefits is not in question.

The Board has decided to have annual actuarial valuations so more current financial performance information is available.

The Board's concerns about the volatility in employer rates experienced by some local governments were addressed by administrative rule and codified by the legislature. Local government employers can now pool assets and liabilities for rate setting purposes to obtain greater rate stability. Pooling helps mitigate the impact on employer rates due to demographic changes in their workforces. Unfortunately, pooling has little impact on rate changes due to investment performance.

Ongoing litigation remains a concern to the Board and we await the final outcome of the City of Eugene vs. PERS trial. In the case, the petitioning employers claimed their 1998 and 2000 contribution rate orders were set too high. The plaintiffs also contended that the distribution of the 1999 earnings fund (the 2000 earnings allocation order) was an improper use of the Board's administrative discretion. Whatever the outcome, the Board will seek to resolve issues resulting from the judge's ruling.

Three special legislative sessions were held during the fiscal year ending June 30, 2002. The legislature passed HB 4062, which provides for direct review by the state Supreme Court of any legal challenges to the Board's decisions regarding modifications of actuarial equivalency factor tables. The Board has been studying actuarial equivalency factors and the need to implement modern mortality tables in benefit calculations.

Two key task forces were formed to examine PERS and make recommendations to the upcoming 72nd legislative session. Governor John Kitzhaber is chair of the Governor's Task Force on PERS and Representative Tim Knopp is chairing the House Special Task Force on PERS Sustainability and Accountability.

Legislative, stakeholder, and media interest in PERS escalated this year. PERS staff responded with detailed analyses and reports that provide insight into Oregon's complex retirement system. Questions posed by Senator David Nelson, Representative Tom Butler, and Representative Lane Shetterly were answered in a series of letters written by Executive Director Jim Voytko.

Recent legislation added a 12th member to the Board and altered the composition of the Board to six public sector members and six private industry members. The six private trustee members cannot be PERS members and at least three of those members must have experience in investing or pension management. The transition to the new structure has begun with the addition of Janice Deringer, an investment consultant who manages her own company.

There are now approximately 40,000 public employees eligible to retire. This upward trend will continue as the baby boomers age.

The Board is concerned about the degrading 1980s-era information technology system infrastructure at PERS and will seek appropriations to transition to a new system.

For the 11th consecutive year, the Government Finance Officers Association awarded PERS the Certificate of Achievement for Excellence in Financial Reporting for the agency's Comprehensive Annual Financial Report. The Board realizes the exceptional effort required to garner this award and congratulates Fiscal Services for its outstanding work.

Sincerely,

Datton /h. / Horgan

Dawn M. Morgan, Chair

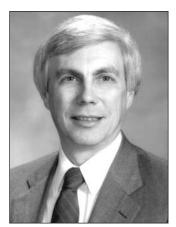
## **Public Employees Retirement Board**



Dawn Morgan Chair Term expires 9-19-2004



Christine Brown Vice-Chair Term expires 9-15-2004



**Steven Bjerke** Term expires 12-15-2002



Patricia Brown Term expires 9-15-2001



Janice Derringer Term expires 1-15-2005



Mark Gardiner Term expires 9-30-2002



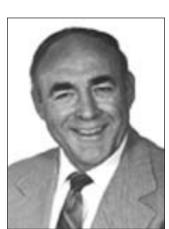
Jeanne Garst Term expires 9-20-2004



Elizabeth Harchenko Term expires 12-15-2002



**Glenn Harrison** Term expires 6-30-2003



**Emile Holeman** Term expires 9-15-2001



George Russell Term expires 6-30-2003



**Todd Schwartz** Term expires 12-9-2002

# **Public Employees Retirement Board**

The Public Employees Retirement Board is made up of 12 members. All are appointed by the governor and confirmed by the Senate. Terms are three years. Board members whose terms have expired are still serving as of June 30, 2002, pending replacement appointments being confirmed by the State Senate.

Six of the Board members must represent the private sector. Six of the members must represent the public sector. Of the six public sector members, one must be from state management, one must hold elective office, and four must be from collective bargaining units. Of the six public sector members, one must be retired.

# **Public Employees Retirement System Organizational Chart**

### **Public Employees Retirement Board**



James M. Voytko Executive Director

- Actuary: Mark O. Johnson, F.S.A., Milliman USA
   Legal Counsel: Robert W. Muir, Assistant Attorney General, Oregon Department of Justice
   Insurance Consultant: B.W. Reed Benefits, Inc.
   Medical Advisor: Lawrence Duckler, M.D.
- Internal Auditor
  Health Insurance
- Personnel Services
- Executive Support



David Bailey Deputy Director



Marsha Bacon Administrator, Customer Services Division

Customer Service Center

Deferred Compensation Program

> Publications and Communications



Steve Delaney Administrator, Policy, Planning and Legislative Analysis Group

Legislative Issues

Research and Risk Management

Social Security

Contested Case Hearings

Administrative Rules



Ed Johnson Administrator, Information Services Division

Image and Information Management

Information Services

Technical Operations

Software Engineering



Dale Orr Administrator, Fiscal Services Division

Financial Reporting

Fiscal Operations

Auxiliary Services



Jacqueline Reep Administrator, Processing and Data Quality Division Membership/ Employer Relations

Specialty Services

Retirement Services

**Oregon Public Employees Retirement System** 

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# **Financial Section**



PERS members include employees of local governments who work for a number of agencies serving Oregon's population. The Oregon Zoo offers opportunities to see wildlife and also cares for a number of endangered species.

#### **Oregon Public Employees Retirement System**

OFFICE OF THE SECRETARY OF STATE Bill Bradbury Secretary of State



AUDITS DIVISION Cathy Pollino Director

(503) 986-2255 FAX (503) 378-6767

Auditing for a Better Oregon

The Honorable John Kitzhaber, M.D. Governor of Oregon 254 State Capitol Salem, Oregon 97310-4047

The Board of Trustees Oregon Public Employees Retirement System 11410 SW 68<sup>th</sup> Parkway Tigard, Oregon 97223

# **INDEPENDENT AUDITOR'S REPORT**

We have audited the accompanying basic financial statements of the Oregon Public Employees Retirement System (PERS), as of and for the year ended June 30, 2002, as listed in the table of contents. These financial statements are the responsibility of PERS' 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 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 basic financial statements present only the Oregon Public Employees Retirement System (PERS) and do not purport to, and do not, present fairly the financial position of the state of Oregon, 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 basic financial statements referred to above present fairly, in all material respects, the financial position of PERS, as of June 30, 2002, and the changes in financial position thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

The management's discussion and analysis and information listed as required supplementary information in the table of contents are not required parts of the basic financial statements but are supplementary information required by the Governmental Accounting Standards Board. 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 opinions on the financial statements that collectively comprise the basic financial statements of PERS. The accompanying supplementary information, designated as the supporting schedules, introductory section, investment section, actuarial section, and statistical section in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements of PERS. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly presented in all material respects in relation to the basic financial statements taken as a whole. The accompanying supplementary information listed above has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on them.

In accordance with *Government Auditing Standards*, we have also issued our report dated December 10, 2002, on our consideration of the Oregon Public Employees Retirement System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grants. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be read in conjunction with this report in considering the results of our audit. That report is separately presented as an other report, as listed in the table of contents.

OREGON AUDITS DIVISION

**Bill Bradbury** 

Secretary of State

December 10, 2002

### 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, 2002. Please read it in conjunction with the transmittal letter on pages 2 through 3 and the financial statements.

### OVERVIEW OF THE FINANCIAL STATEMENTS AND ACCOMPANYING INFORMATION

- 1. **Basic Financial Statements.** The System presents comparative financial statements as of June 30, 2002 and 2001, prepared on a full accrual basis. They are:
  - a. Statements of Fiduciary Net Assets
  - b. Statements of Changes in Fiduciary Net Assets
  - c. Notes to the Financial Statements
- 2. Required Supplementary Information. The required supplementary information consists of:
  - a. Schedules of Funding Progress
  - b. Schedules of Employer Contributions
  - c. Notes to the Required Supplementary Information

### 3. Other Supplementary Schedules.

- a. Combining schedules show the detailed components of the Defined Benefit Pension Plan and Postemployment Healthcare Plan.
- b. Other schedules 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 yearend. 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 pension, postemployment healthcare, and deferred compensation 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 notes to the financial statements, beginning on page 20, 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.

Because of the long-term nature of a defined benefit pension plan, financial statements alone cannot provide sufficient information to properly reflect the ongoing plan perspective. Therefore, in addition to the combining financial statements explained above, this CAFR includes two additional Required Supplementary Information schedules with historical trend information.

- The Schedules of Funding Progress, page 32, contain actuarial information about the status of the plan from an ongoing, long-term perspective, in the accumulation of sufficient assets to pay pension and postemployment benefits when due. Actuarial Liabilities in excess of Valuation Assets indicate that insufficient assets have been accumulated to fund the future benefits of current members and retirees.
- The Schedules of Employer Contributions, page 33, contain historical trend information regarding the value of total annual contributions employers must pay and the actual contributions by employers in meeting this requirement.

• The Notes to the Required Supplementary Information provide background information and explanatory detail to aid in understanding the required supplementary schedules.

The Schedules of Plan Net Assets and Schedules of Changes in Plan Net Assets, pages 35 through 38, display the components of the defined benefit and postemployment healthcare plans.

The Schedule of Administrative Expenses and Schedule of Payments to Consultants on page 39 show the costs of managing the System. The Summary of Investment Fees, Commissions, and Expenses on page 40 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 2002, with \$35,295.5 million held in trust for pension, postemployment healthcare, and deferred compensation benefits.
- Fiduciary net assets decreased by \$2,794.4 million (7.3 percent) during the fiscal year, primarily due to declines in equity markets at home and abroad.
- PERS' funding objective is to meet long-term defined pension benefit obligations and healthcare benefits. As of December 31, 2001, the date of the latest actuarial valuation, the funded ratio of PERS was 87 percent. In general, this means that for every dollar of future pension benefits due, PERS has approximately \$0.87 of net assets available for payment.
- Revenues (additions to fiduciary net assets) for fiscal year 2002 were a negative \$924.6 million, which includes member and employer contributions of \$1,542.9 million and net losses from investment activities totaling \$2,468.3 million.
- Expenses (deductions to fiduciary net assets) rose to \$1,869.8 million during fiscal year 2002 (7.1 percent) from \$1,745.3 million during fiscal year 2001. The increase is due to PERS paying pension benefits to more retirees and increasing healthcare payments.

### FIDUCIARY NET ASSETS

The following condensed comparative summary of Fiduciary Net Assets demonstrates that the pension trust is primarily focused on investments and net assets (reserves).

### TABLE 1 FIDUCIARY NET ASSETS (in millions) As of June 30:

		ed Benefit sion Plan		ployment care Plan	Deferred Con Plat	·
	2002	2001	2002	2001	2002	2001
Cash and Receivables	\$ 3,317.5	\$ 2,779.4	\$ 44.1	\$ 37.3	\$ 1.2	\$ 4.8
Investments at Fair Value	34,139.4	37,090.5	76.0	66.7	545.1	581.2
Securities Lending Collateral	2,091.5	2,191.1	-	-	-	-
Other	7.5	7.7				
Total Assets	39,555.9	42,068.7	120.1	104.0	546.3	586.0
Investment Purchases	2,669.7	2,306.9	1.9	1.0	0.2	3.6
Securities Lending Payable	2,091.5	2,191.1	-	-	-	-
Other Payables	161.1	165.0	2.3	1.1	0.1	0.1
Total Liabilities	4,922.3	4,663.0	4.2	2.1	0.3	3.7
Total Net Assets	<u>\$ 34,633.6</u>	<u>\$ 37,405.7</u>	\$ <u>115.9</u>	<u>\$ 101.9</u>	\$ 546.0	\$ 582.3

### **Oregon Public Employees Retirement System**

- Declining financial markets produced the second straight year of negative returns on PERS investments. The net assets of the defined benefit pension plan decreased approximately \$2,772.1 million (7.4 percent) during the year ended June 30, 2002.
- The net assets of the postemployment healthcare plan increased approximately \$13.9 million (13.7 percent) during the year ended June 30, 2002, primarily due to increases in contributions from plan members. Employer contributions for the period actually decreased by \$1.9 million (4.4 percent).
- The net assets of the deferred compensation plan decreased approximately \$36.2 million (6.2 percent) during the year ended June 30, 2002, primarily due to a downturn in investment markets.

# **CHANGES IN FIDUCIARY NET ASSETS**

### **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.

- Employee contributions to the defined benefit pension plan increased \$21.3 million (5.7 percent) compared to fiscal year 2001. The increase in member contributions is attributed to a continued increase in membership and in salaries on which the contribution amounts are based.
- Employee contributions to the postemployment healthcare plan increased \$6.9 million (14.9 percent) compared to fiscal year 2001. Nearly all of the increase, \$6.8 million, is attributed to higher contributions to the Standard Retiree Health Insurance Account, due to higher healthcare costs in fiscal year 2002.
- Employee contributions to the deferred compensation plan increased \$3.9 million (9.1 percent) compared to fiscal year 2001. The rise is due to an increase in active members, from 17,447 to 18,270, and from changes in the federal tax code allowing greater contributions and plan-to-plan transfers to deferred compensation plans.
- Employer contributions to the defined benefit pension plan increased \$350.1 million (54.8 percent) compared to fiscal year 2001. Employer contributions were \$989.1 million in fiscal year 2002 and \$639.0 million in fiscal year 2001. The increase in employer contributions resulted from several employers making additional contributions to reduce their unfunded actuarial liabilities. Employer contributions for the period were based on rates adopted from the December 31, 1999 actuarial valuation, and do not reflect recent investment losses.
- Employer contributions to the postemployment healthcare plan decreased \$1.9 million (4.4 percent) compared to fiscal year 2001 due to actuarial rate decreases implemented on July 1, 2001.
- Net investment loss and other income in the defined benefit pension plan was \$1,044.0 million (30.1 percent) less than the loss in fiscal year 2001. Actual results were a \$2,422.0 million loss in fiscal year 2002 and a \$3,466.0 million loss in fiscal year 2001.
- Net investment loss and other income in the postemployment healthcare plan was \$1.1 million (40.4 percent) more than the loss in fiscal year 2001. Actual results were a \$3.6 million loss in fiscal year 2002 and a \$2.5 million loss in fiscal year 2001.
- Net investment loss and other income in the deferred compensation plan was \$20.0 million (32.4 percent) less than the loss in fiscal year 2001. Actual results were a \$41.9 million loss in fiscal year 2002 and a \$61.9 million loss in fiscal year 2001.

### **Expenses - Deductions from Fiduciary Net Assets**

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

• Pension benefit payments increased by \$109.2 million (7.0 percent). Benefit payments will continue to increase as more members retire. There are currently approximately 40,000 members eligible to retire who have not submitted retirement applications.

- Postemployment healthcare payments rose \$10.2 million (15.3 percent). The increase is due to higher healthcare payments made from the Standard Retiree Health Insurance Account, which were offset by higher contributions from plan members.
- Deferred compensation benefit payments increased \$12.8 million (45.0 percent). Higher benefit payments correspond with an increase in the number of retirees.

The table below shows a condensed comparative summary of the changes in fiduciary net assets and reflects the activities of the pension trust fund.

# TABLE 2CHANGES IN FIDUCIARY NET ASSETS<br/>(in millions)For the Years Ended June 30:

	Defined Benefit Pension Plan			employment Ithcare Plan	Deferred Compensation Plan			
	2002	2001	2002	2001	2002	2001		
Additions:								
Member Contributions	\$ 391.5	\$ 370.2	\$ 52.3	\$ 45.4	\$ 47.5	\$ 43.5		
Employer Contributions	989.1	639.0	41.6	43.5	-	-		
Other Sources	20.9	20.3	-	-	-	-		
Net Investment and								
Other Income (Loss)	(2,422.0)	(3,466.0)	(3.6)	(2.5)	(41.9)	(61.9)		
Total Additions	(1,020.5)	(2,436.5)	90.3	86.4	5.6	(18.4)		
Deductions:								
Benefits	1,678.0	1,568.8	-	-	41.8	29.0		
Other	73.6	81.3	76.4	66.2				
Total Deductions	1,751.6	1,650.1	76.4	66.2	41.8	29.0		
Net Increase (Decrease)	\$(2,772.1)	\$ (4,086.6)	\$ 13.9	\$ 20.2	\$ (36.2)	\$ (47.4)		

## PLAN MEMBERSHIP

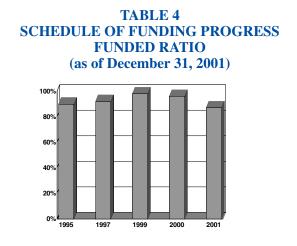
The table below reflects the defined benefit pension plan membership as of the beginning and end of the fiscal year.

### TABLE 3 CHANGES IN PLAN MEMBERSHIP As of June 30:

Percentage Change			
	2002	2001	2001 - 2002
Retirees and beneficiaries receiving benefits	5		
General	80,433	77,920	3.2%
Police and Fire	5,649	5,303	6.5
Total	86,082	83,223	3.4
Current and terminated employees entitled t Vested:	o benefits but 1	not yet receiving	them
General	139,419	134,766	3.5
Police and Fire	10,533	9,969	5.7
Nonvested:			
General	61,609	61,328	0.5
Police and Fire	4,226	4,320	(2.2)
Total	215,787	210,383	2.6

### Oregon Public Employees Retirement System FUNDING STATUS

The System's unfunded actuarial liability as of December 31, 2001, was \$6,095.5 million, which was derived using the entry age cost method (see Summary of Actuarial and Unfunded Actuarial Liabilities on page 57). The 2001 unfunded actuarial liability increased by \$4,549.6 million (294.3 percent) from \$1,545.9 million in 2000. The increase in the unfunded actuarial liability resulted from a combination of poor investment returns and the statutory requirement to credit Tier One pre-retirement member accounts with the actuarially assumed earnings rate - currently 8.0 percent.



### **INVESTMENT ACTIVITIES**

During fiscal year 2002, domestic and international equities decreased approximately \$880.3 million. The decrease is attributable to the decline in equity markets. Decreases of approximately \$800.3 million in the alternative equity investment asset class can also be attributed to the decline in equity markets. Investments in fixed income securities decreased approximately \$1,029.4 million as a result of using these assets for payment of benefits and to purchase equity investments in keeping with the Oregon Investment Council's asset allocation policy. Real estate investments decreased approximately \$231.7 million primarily due to sales. One-year returns on asset classes and comparative benchmarks are presented in the table below:

# TABLE 5INVESTMENT RETURNPeriods Ending June 30:

Total Portfolio	<u>2002</u> (6.4)%	<u>2001</u> (8.1)%
Domestic Stocks	(16.8)	(13.2)
Benchmark: Russell 3000 Index	(17.2)	(13.9)
International Stocks	(7.9)	(22.9)
Benchmark: Custom Index (1)	(6.7)	(21.7)
Fixed Income Segment	6.9	10.4
Benchmark: Custom Index (2)	7.4	10.6
Real Estate (3)	7.1	13.0
Benchmark: NCREIF	6.4	11.9
Private Equity (4)	(10.8)	(16.9)
Benchmark: S&P 500 +5%	6.0	(15.9)

(1) 90% Salomon World Equity Broad Market ex-US/10% International Finance Corporation EMG Investable Securities

(2) 90% Lehman Universal/10% SSBI Non-US World Government Bond Hedged

(3) Returns are lagged one quarter

(4) Returns are lagged one quarter

### **EFFECT OF ECONOMIC FACTORS**

The financial position of the System has declined during the last two fiscal years due to weak global equity markets. Table 5 on page 16 shows portfolio returns and indexes, which are reflective of the market environment.

While benefit payments in total increased due to additional retirements, retirees who have elected to continue participating in the Variable Annuity Account after retirement experienced a decrease in benefits of approximately 30 percent, effective February 1, 2002. This decrease in benefits was due to investment losses experienced by the Variable Annuity Account for the period November 1, 2000, through October 31, 2001.

### 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 97281-3700.

### **Oregon Public Employees Retirement System**

## Statements of Fiduciary Net Assets -Defined Benefit Pension Plan, Postemployment Healthcare Plan, and Deferred Compensation Plan June 30, 2002 and 2001

		Defined Benefit		Post- employment	t	Deferred		Memorar	ndu	m Only
		Pension Plan		Healthcare Plan		Compensati Plan	on	2002		2001
Assets: Cash and Cash Equivalents	\$	2,250,021,481	\$	36,998,404	\$	1,215,662	\$	2,288,235,547	\$	1,646,045,560
Receivables:										
Employer		34,391,924		2,074,952				36,466,876		49,181,385
Plan Member		19,481,521		3,961,719				23,443,240		28,867,409
Interest and Dividends		113,640,678						113,640,678		167,659,988
Investment Sales and Other Receivables		898,543,971				38,756		898,582,727		928,567,679
Total Receivables		1,066,058,094		6,036,671		38,756		1,072,133,521		1,174,276,461
Due from Other Funds		1,419,643		1,050,955				2,470,598		1,275,381
Investments:										
Fixed Income		10,430,374,139						10,430,374,139		11,462,440,370
Equity		18,463,083,750						18,463,083,750		19,349,770,012
Real Estate		1,728,688,206						1,728,688,206		1,960,660,293
Alternative Equity		3,517,297,853						3,517,297,853		4,317,620,470
Commingled Investments				76,036,521				76,036,521		66,706,141
Total Investments		34,139,443,948	_	76,036,521	_		_	34,215,480,469	_	37,157,197,286
Securities Lending Cash Collateral		2,091,464,709						2,091,464,709		2,191,140,289
Deferred Compensation Mutual Funds						545,089,973		545,089,973		581,176,831
Prepaid Expenses and Deferred Charges		132,677						132,677		44,603
Equipment and Fixtures, Cost Net of Accumulated										
Depreciation at 2002: \$2,013,498; at										
2001: \$1,906,097		140,750						140,750		213,873
Land and Building, Cost Net of Accumulated Depreciation at 2002: \$916,335; at										
2001: \$736.073		7,238,636						7,238,636		7,418,899
Office Supplies Inventory, Cost		4,839						4,839		5,352
Total Assets		<b>39,555,924,777</b>		120,122,551		546,344,391		40,222,391,719		42,758,794,535
Liabilities and Fund Balance										
Liabilities:		0 ((0 740 5(4		1 000 555		102 204		0 (51 00) 505		0.011.401.007
Investment Purchases and Accrued Expenses		2,669,749,564		1,903,757		183,384		2,671,836,705		2,311,481,087
Deposits and Other Liabilities		107,811,246						107,811,246		110,648,027
Due Other Funds				2,354,854		115,744		2,470,598		1,275,381
Bonds Payable		53,312,936						53,312,936		54,340,000
Securities Lending Collateral		2 001 464 700						2 001 464 700		2 101 140 200
Due Borrowers Total Liabilities	_	2,091,464,709	_	4,258,611	_		_	2,091,464,709	_	2,191,140,289
	ont –	4,922,338,455	-	4,238,011	-	299,128	_	4,926,896,194	_	4,668,884,784
Net Assets held in trust for pension, postemploym healthcare, and deferred compensation benefits	ent									
(Schedules of Funding Progress are presented on page 32)	¢	34,633,586,322	\$	115,863,940	\$	546,045,263	¢	35,295,495,525	\$	38,089,909,751
are presented on page 52)	φ	5-1,055,500,522	φ	115,005,740	φ	540,045,205	φ		φ	50,007,707,731

The accompanying notes are an integral part of the financial statements.

## Statements of Changes in Fiduciary Net Assets -Defined Benefit Pension Plan, Postemployment Healthcare Plan, and Deferred Compensation Plan For the Years Ended June 30, 2002 and 2001

	Defined	Post-			um Only	
	Benefit Pension Plan	employment Healthcare Plan		Deferred Compensation Plan	1 2002	2001*
Additions:						
Contributions:						
Employer	\$ 989,078,917	\$ 41,578,731	\$		\$ 1,030,657,648	\$ 682,483,623
Plan Member	391,542,211	52,273,896		47,472,963	491,289,070	459,170,393
Other Sources	20,939,073	 			20,939,073	20,278,204
Total Contributions	1,401,560,201	 93,852,627		47,472,963	1,542,885,791	1,161,932,220
Investment Income:						
Net Appreciation (Depreciation)						
in Fair Value of Investments	(3,192,613,017)	(4,445,823)		(40,800,040)	(3,237,858,880)	(4,083,586,479)
Interest, Dividends, and						
Other Investment Income	983,556,869	 902,103	_		984,458,972	869,623,756
Total Investment Income	(2,209,056,148)	(3,543,720)		(40,800,040)	(2,253,399,908)	(3,213,962,723)
Less Investment Expense	213,256,215	 		1,610,137	214,866,352	317,708,291
Net Investment Income	(2,422,312,363)	(3,543,720)		(42,410,177)	(2,468,266,260)	(3,531,671,014)
Other Income	257,155	 		544,519	801,674	1,344,631
<b>Total Additions</b>	(1,020,495,007)	 90,308,907	_	5,607,305	(924,578,795)	(2,368,394,163)
Deductions:						
Benefits	1,677,951,252			41,149,643	1,719,100,895	1,597,195,885
Death Benefits	10,121,636				10,121,636	9,688,541
Refunds of Contributions	46,086,912				46,086,912	46,243,701
Administrative Expense	17,456,752	2,225,181		685,523	20,367,456	28,174,209
Healthcare Premium Subsidies		24,782,256			24,782,256	24,187,116
Retiree Healthcare Expense		 49,376,276	_		49,376,276	39,831,041
<b>Total Deductions</b>	1,751,616,552	 76,383,713	_	41,835,166	1,869,835,431	1,745,320,493
Net Increase (Decrease)	(2,772,111,559)	13,925,194		(36,227,861)	(2,794,414,226)	(4,113,714,656)
Net Assets held in trust for pension,						
postemployment healthcare, and deferred compensation benefits	I					
Beginning of Year as restated	37,405,697,881	101,938,746		582,273,124	38,089,909,751	42,203,624,407
End of Year	\$ 34,633,586,322	\$ 115,863,940	_	546,045,263	\$ 35,295,495,525	\$ 38,089,909,751

\*Restated, see note 10.

The accompanying notes are an integral part of the financial statements.

# Notes to the Financial Statements June 30, 2002

# (1) Description of Plan

# A. Plan Membership

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

### Employee and Retiree Members

Retirees and beneficiaries currently receiving benefits

	<u>6/30/2002</u>
General	80,433
Police and Fire	5,649
Total	86,082

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

### Vested:

General	139,419
Police and Fire	10,533
Nonvested:	
General	61,609
Police and Fire	4,226
Total	215,787

### **Participating Employers**

<u>6/</u>	30/2002
State Agencies	125
Political Subdivisions	492
Community Colleges	17
School Districts	227
Total	861

Public Employees Retirement Board (Board). For state agencies, community colleges, and school districts, PERS is a cost-sharing, multiple-employer system. It is an agent multiple-employer system for political subdivisions who 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, postemployment healthcare, and deferred compensation plans may legally be used to pay benefits to plan members or beneficiaries of the plan for which the assets were accumulated.

For many years, retirement programs for Oregon judges were administered by special legislation and programs under the Judges' Retirement Fund (JRF), established in 1963 under ORS 1.314 to 1.380. Effective August 1, 1991, the JRF was merged into the Public Employees Retirement Fund.

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. Any potential reductions in employer contribution rates will not be realized until turnover has occurred and Tier Two members replace Tier One members. As of June 30, 2002, there were 127,109 Tier One members and 88,678 Tier Two members in the System.

### **B.** Plan Benefits

### a. 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 they are 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 members are eligible for full benefits at age 60.

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 below.

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.

Judges' Retirement System (JRS) members were entitled to a monthly amount equal to one-twelfth of final average salary upon reaching age 65 with 16 years of service or at age 70 with 12 years of service.

### **b.** 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;
- The member is 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 lumpsum and monthly payments, if eligible. The monthly payment must be a minimum of \$30 per month.

Surviving spouses of JRS members and judge members of PERS receive benefits as provided in ORS 238.055 and ORS 238.565.

### c. Disability Benefits

A member with ten 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 judge members of PERS) 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.

### d. Benefit Changes After Retirement

Members may choose to continue participation in a "variable" stock 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 for cost-of-living changes. Two percent per year is the maximum cost-of-living adjustment. Periodically, the Oregon Legislature has granted *ad hoc* increases to post-retirement benefits.

### e. Postemployment Healthcare Benefits

Under ORS 238.410 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 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.

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, 2002, all PERS employers contributed 0.64 percent of PERS-covered salaries to fund RHIA benefits based on the December 31, 1999 actuarial valuation. This is included in the employer contribution rates listed on page 23. 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.

The employers' contributions are advance-funded on an actuarially determined basis. Employers' actual contributions for the fiscal year ended June 30, 2002, were \$40.2 million. 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 33,024 for the fiscal year ended June 30, 2002.

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.

A surviving spouse or dependent of a deceased retired state employee is eligible to receive the subsidy if he or she

#### **Oregon Public Employees Retirement System**

(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, 2002, state agencies contributed 0.09 percent of PERS-covered salaries to fund RHIPA benefits, based on the December 31, 1999 actuarial valuation. See health cost inflation assumptions on page 34. The number of active plan RHIPA participants was 761 for the fiscal year ended June 30, 2002.

ORS 238.410(7) established the Standard Retiree Health Insurance Account (SRHIA). 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

### A. Basis of Presentation

The accompanying financial statements are prepared in accordance with Governmental Accounting Standards Board Statements 25, 26, and 34, 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 Plan
    - Postemployment Healthcare Plan
- Deferred Compensation Fund:

Deferred Compensation Plan

### **B.** Basis of Accounting

The accrual basis of accounting is used for all funds. Revenues are recognized when earned. Contributions are recognized as of the date in which members' salaries are paid by employers. 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 contested claims.

Budgetary accounting is not consistent with generally accepted accounting principles (GAAP) because the measurement focus is on decreases in financial resources rather than net income determination.

The accompanying schedule reconciles administrative expenses on the budgetary basis to administrative expenses presented in the Statements of Changes in Fiduciary Net Assets. The legislatively approved budget includes increases approved by the Legislative Emergency Board through June 2002.

### **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. Open-end mutual funds, debt securities, equity securities, option contracts, stock warrants, and stock rights are valued at the last reported sales price if there is an active market for the investment. If there is not an active market for investments, PERS relies on the Oregon Investment Council's consultants to establish the fair value of these investments. When attempting to value investments without active markets, the consultant determines if

	Legislatively Approved Budget	Actual	Unobligated Balance at June 30, 2002			
2001 - 2003 Biennium:	<b>* 24 120 250</b>	¢ 11 500 (01	¢ 10 001 510			
Personal Services	\$ 24,420,350	\$ 11,528,631	\$ 12,891,719			
Services and Supplies	15,116,480	9,994,702	5,121,778			
Capital Outlays	215,205		180,928			
2001 - 2003 Totals	\$ 39,752,035	\$21,557,610	\$ 18,194,425			
Total Expenses July 1, 20	)01 - June 30, 20	02				
Budgetary Basis (non		-	\$ 21,557,610			
Biennium Adjustments to	o Administrative	Expenses				
Add:						
Depreciation Expen			107,400 180,263			
	Depreciation Expense - Building					
COP Amortization			25,052			
Decrease in Supplie	es Inventory		513			
Increases in Compe			3,934			
Costs Reflected on	Prior Biennium B	udget	2,875,929			
Deduct:						
Increase in Prepaid	Expenses		65,191			
Decrease in Accrua	1		960,763			
Capital Outlay, July	1. 2001 - June 30	), 2002	34,277			
Encumbrances as of	3,323,014					
Statement of Changes in Fiduciary Net Assets -						
Ŭ	-					
Defined Benefit Per		· ·				
Healthcare Plan, and	-		¢ 20 267 456			
for the Year Ended	June 50, 2002		\$ 20,367,456			

there is a market for similar investments. If a market price is not available, a forecast of expected cash flows may be used to estimate fair value, discounted at a rate commensurate with the risk involved.

### E. Distribution of Earnings

By law earnings distribution to members is made on a calendar-year basis. Members in Tier One are guaranteed to receive at least the assumed earnings rate used in the most recent actuarial valuation. That rate is now 8.0 percent. Members participating in the Variable Account and Tier Two members receive actual earnings or losses.

### (3) Contributions and Reserves

### A. Contributions

### a. Member Contributions

Member contributions are set by statute at 6.0 to 7.0 percent of salary and are remitted by participating employers. The contributions are either deducted from member salaries or paid by the employers. The Member Reserve, described in Note (3)C.a., represents member contributions and earnings allocations less refunds and amounts transferred to reserves for retirements and disabilities.

### b. Employer Contributions

Employer contribution rates are determined by an actuarial formula known as the "entry-age cost method." Under this method, a "normal cost" rate for each member is calculated. Normal cost is a level percentage of salary. Beginning at the member's entry into the System, the calculated normal cost should accumulate an amount sufficient to provide the member's retirement benefit. After the unfunded supplemental present value created by this method has been determined, the employer contribution rates are established as a level percentage of salary. The rates are set to cover the normal cost and amortize the unfunded amount over a period commencing on

	State Agencies and Community		Politi Subdivi Police	sions	
	Colleges	Schools	and Fire	General	Judiciary
Employee Normal Cost	6.00%	6.00%	6.00%	6.00%	7.00%
Employer Normal Cost	8.81%	10.22%	12.06%	8.96%	17.65%
Unfunded Actuarial					
Liability	(0.05)	1.87	(0.51)	(0.51)	(7.5)
Healthcare Benefits	0.73	0.64	0.64	0.64	0.64
Total Employer Rates	9.49%	12.73%	12.19%	9.09%	10.79%

the actuarial valuation date and ending on December 31, 2027.

The employer contribution rate for state agencies and community colleges is 9.49 percent, for schools the rate is 12.73 percent, and for the judiciary the rate is 10.79 percent of PERS-covered salaries, effective July 1, 2001. The rates for political subdivisions are presented in the aggregate. Actual rates for political subdivisions vary by employer (see table above for average rate).

Based on the 1999 actuarial valuation, the Board decided to implement recommended contribution rate changes beginning July 1, 2001.

PERS funding policy provides for monthly employer contributions at actuarially determined rates. These contributions, expressed as a level percentage of annual covered payroll, coupled with employee contributions, are intended to accumulate sufficient assets to pay benefits when due.

Oregon Laws 2001, Chapter 945, Section 13 authorized establishing 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 will be effective for the actuarial valuation period beginning January 1, 2002.

Separate contribution rates are adopted by the Board for all state agencies and community colleges combined, all school districts combined, the state judiciary, and each individual political subdivision employer that did not pool.

Employer aggregate contributions to the Public Employees Retirement Fund (PERF) for the calendar year ended December 31, 2001, were \$758.7 million less \$69.6 million for integration of prior plan assets by employers merging into the System and payments of certain employers toward their unfunded actuarial liabilities from the 1999 actuarial valuation, \$1.2 million pertaining to prior year's salaries, \$1.3 million for the Benefit Equalization Fund, and \$0.2 million for the Social Security program, for a total of \$686.4 million attributable to calendar year 2001 activity. Employer contributions consist of \$542.9 million normal cost, \$100.4 million amortization of the unfunded actuarial accrued liability, \$41.8 million to fund the RHIA, and \$1.3 million to fund the RHIPA. Employer contributions attributable to the period were equivalent to 11.05 percent of the members' aggregate annual salaries of \$6,209.7 million.

Employee contributions for the calendar year ended December 31, 2001, consisted of \$385.2 million less \$6.2 million for member purchases and \$4.6 million of contributions pertaining to prior year's salaries and integration of prior

plan assets of employees merging into the System for a total of \$374.4 million of employee contributions attributable to calendar year 2001 activity.

Based on the actuarial valuation as of December 31, 1999, judiciary, state agencies, and certain political subdivisions received lower employer contribution rates. Schools and other political subdivisions experienced an increase in their employer contribution rates. The Board practice has been to implement the new employer contribution rates for those employers who experienced a decrease and to delay implementation of the new employer contribution rates for those employers who experienced an increase in their employer contribution rate for those employers who experienced an increase in their employer contribution rate in order to provide employers an opportunity to budget for the increases. Due to a significant increase in employer contribution rates, based on the December 31, 1999 valuation, the Board allowed local employers to elect actuarially equivalent rates which deferred increases to future periods.

### **B.** Actuarial Cost Method and Assumptions

Employer contribution rates are set using the entry age actuarial cost method. This method produces 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 amortization of the unfunded actuarial accrued liability over a period commencing on the valuation date and ending on December 31, 2027, and (3) an actuarially determined amount for funding postemployment healthcare subsidies.

### C. Reserves and Designations

### a. Member Reserve

The Member Reserve of \$10,201.5 million as of June 30, 2002, represents member contributions and earnings allocations less refunds and amounts transferred to reserves for retirements and disabilities.

### b. Employer Contribution Designation

The Employer Contribution Designation of \$11,966.8 million as of June 30, 2002, represents employer contributions and earnings allocations less amounts transferred to reserves for retirements and disabilities.

#### c. Benefit Reserve

The Benefit Reserve of \$16,292.2 million as of June 30, 2002, 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.

### d. Undistributed Investment Earnings Reserve

The Undistributed Investment Earnings Reserve may be credited with investment earnings in excess of required minimum distributions. Oregon law 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. In previous years, this designation has been used to meet this crediting requirement. As of June 30, 2002, the balance of this designation was zero, and is not fully funded according to Board policy.

### e. Contingency Reserve

The Contingency Reserve is a designation 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, 2002, the balance of this designation was zero.

### f. Unallocated Earnings Designation

The Unallocated Earnings Designation represents January through June investment earnings or losses less administrative expenses which will be distributed after member accounts have been credited with contributions. This distribution 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, 2002, the balance of this designation was (\$1,440.7) million.

### g. 2001 Deficit Reserve

The 2001 Deficit Reserve is a designation established for amounts credited to members' regular accounts as required by ORS 238.255. This statute requires the Board to credit Tier One member regular accounts with at least the assumed rate of return on investments, currently 8.0 percent. As of June 30, 2002, the balance of this designation was (\$605.5) million.

### h. 2001 Pending Reserve

The 2001 Pending Reserve is a designation established by the Board for 2001 Tier One Regular Account Investment losses that were attributed to employer accounts and the Benefits Reserves. The Board is studying an alternative legal interpretation of earnings crediting statutes and has not made a final determination on allocating these losses. As of June 30, 2002, the balance of this designation was (\$1,780.7) million.

### i. Retirement Health Insurance Account

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, 2002, the balance of this account was \$77.3 million.

### j. Retiree Health Insurance Premium Account

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, 2002, the balance of this account was \$2.5 million.

### k. Standard Retiree Health Insurance Account

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, 2002, the balance of this account was \$36.0 million.

### **D.** Administrative Costs

Costs for administering the System are funded from investment earnings and are allocated to all plans and programs administered by the System.

### (4) Reporting Entity

The Public Employees Retirement Board is the governing authority of the System. It consists of 12 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 Oregon state treasury 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*. (5) Assets Used in Plan Operations

### A Duilding and Improvements

A. Building and Improvements

Capital construction of PERS headquarters in Tigard, Oregon, was completed May 31, 1997. Land and buildings plus improvements are recorded at cost. The depreciation of the building/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 which are not consumed in the normal course of operations, have a useful life of more than two years, 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 ten years.

### C. Office Supplies Inventory

Office supplies inventory is reflected at cost, using the first-in/first-out (FIFO) method.

### (6) Deposits and Investments

### A. Cash

PERS cash and cash equivalents consist of cash on hand, demand deposits, and deposits in the Oregon Short Term Fund, and are carried at cost. The carrying amount is separately displayed on the balance sheet as cash and cash equivalents. Statutes require that all moneys received by the pension trust fund be deposited with the state treasurer.

PERS deposits are classified in three categories of credit risk to give an indication of the level of risk assumed by PERS as of year end. The three categories of credit risk are:

1) insured or collateralized with securities held by the

Deposits	Carrying Amount	Bank Balance
Investment Managers with Custodian Banks	\$ 1,796,337,228	\$ 1,796,337,228
State Treasury	491,895,954	637,310,218
Other Banks	2,365 <b>\$ 2,288,235,547</b>	2,365 <b>\$2,433,649,811</b>

state treasurer or its custodian in the name of the state of Oregon;

2) collateralized with securities held by the pledging financial institution's trust department or custodian in the name of the state of Oregon; and

3) uncollateralized.

As of June 30, 2002, all PERS deposits held by the state treasurer were in credit risk category "1," except for \$44.4 million of reinvested cash collateral in U.S. government and agency securities, repurchase agreements, and commercial paper, which are classified as investment risk category "3." Deposits of cash and cash equivalents from the proceeds of certificates of participation held in other banks are classified as credit risk category "3."

Investment managers' deposits with custodian banks consist of cash and cash equivalents that represent buying reserves. As of June 30, 2002, there were \$1,676.2 million on deposit for the accounts of the Oregon Equity Fund, Real Estate Investment Fund, and Alternative Equity Fund investment managers and \$120.1 million on deposit for the accounts of the International Equity Fund and Global Fixed Income investment managers. These deposits, with State Street Bank, are classified as uncollateralized, category "3."

### **B.** Investments

By statute, the Oregon Investment Council (OIC) is responsible for investment policy. The state treasurer is the investment officer. ORS 293.726 allows any kind of investment that is prudent. Common stock acquisitions are limited to 50 percent of the moneys contributed. The state treasurer is prohibited from investing in common stock. Independent investment managers selected and evaluated by the OIC make common stock investments.

			Ris	k Categor	y		Total
		1		2		3	Fair Value
Pension Trust Fund Investments	_						
Investment Type:							
U.S. Government Securities	\$	432,875,094	\$		\$		\$ 432,875,094
U.S. Agency Securities		2,611,992,928					2,611,992,928
Domestic Corporate Securities		2,614,903,028					2,614,903,028
Domestic Stocks		3,755,259,168				492,129,631	4,247,388,799
International Government							
and Corporate Securities		715,046,483					715,046,483
International Stocks		2,835,137,252					2,835,137,252
Asset-Backed Securities		1,498,432,803					1,498,432,803
Real Estate Securities		605,514,796					605,514,796
<b>Investments on Securities Loan for</b>							
Securities and Tri-Party Agreemen	t						
Collateral:							
Domestic Stocks		1,316,489					1,316,489
International Stocks		101,101,660					101,101,660
Subtotal Pension Plan Investments	\$	15,171,579,701	\$		\$	492,129,631	15,663,709,332
	_						
Unclassified as to Risk:							
Real Estate							1,732,705,739
Real Estate Mortgages							1,731,916
Annuity Contracts							6,774,169
Leveraged Buyouts							1,247,426,921
Venture Capital							2,603,295
Limited Partnerships							2,275,441,963
Domestic Mutual Funds							8,234,473,949
Global Mutual Funds							3,091,204,399
Investments Held by Broker-Dealer	'S						
under Securities Loans with Cash							
Collateral:							
U.S. Government Securities							694,467,981
U.S. Agency Securities							56,325,531
Domestic Stocks							452,374,864
Domestic Corporate Securities							195,838,079
International Stocks							554,642,619
International Government							
							5,759,712
and Corporate Securities							\$ 34,215,480,469
and Corporate Securities							
	unds						
and Corporate Securities Total Pension Plan Investments	unds						545,089,973

GASB Statement No. 3 requires that investments be categorized to give an indication of the level of risk assumed at year-end. Certain investment types in the PERS portfolio, such as equity real estate, mutual funds, leveraged buyouts, and deferred compensation investments, cannot be categorized within the guidelines established by GASB Statement No. 3. These investments total approximately \$19,096.9 million in fair value.

PERS investments are classified in three categories of credit risk to give an indication of the level of risk assumed by PERS as of year-end. The three categories of credit risk are:

1) insured or registered, or securities held by the state of Oregon or its agent in the state of Oregon's name for PERS;

2) uninsured and unregistered with securities held by the counterparty's trust department or agent in the state of Oregon's name for PERS; and

3) uninsured and unregistered with securities held by the counterparty, or by its trust department or agent but not in the state of Oregon's name for PERS.

The schedule above presents the fair value of the investments held by the state of Oregon for PERS as of June 30, 2002.

In accordance with state investment policies, several outside investment managers retained by the OIC may invest in the following types of derivative securities: futures contracts, forwards, option contracts, collateralized mortgage obligations, mortgage-backed securities, interest rate and currency swaps, or other financial instruments with similar characteristics.

Asset-backed securities: PERS holds asset-backed securities, a type of derivative, with fair value of \$1,498.4 million as of June 30, 2002. These consist of collateralized mortgage obligations, securities issued by major banks and finance companies, rate reduction bonds, and other asset-backed securities. Additionally, PERS holds \$2,355.8 million in asset-backed securities issued by agencies of the U.S. government, such as the Federal National Mortgage Association (FNMA), Government National Mortgage Association (GNMA), and the Federal Home Loan Mortgage Corporation (FHLMC).

*Options*: As of June 30, 2002, PERS holds long positions on call options, primarily on September 2002 euro currency futures, and a long position on a U.S. Treasury note put option. On the same date, PERS also holds short positions on both put and call options, primarily on U.S. Treasury Bond and Note futures for August 2002 and euro currency futures for September and December 2002 and March 2003. The combined unrealized loss for all options at June 30, 2002, is approximately \$3.1 million.

*Floating rate notes and bonds*: As of June 30, 2002, PERS holds \$370.2 million in floating rate notes, including \$9.9 million in Brady Bonds. These bonds were developed by the U.S. Treasury in association with the International Monetary Fund and the World Bank to restructure outstanding loans to certain governments into fixed-income investments. Repayment of bond principal is collateralized by U.S. Treasury zero-coupon bonds and other high-grade debt instruments.

*Forward exchange contracts*: As of June 30, 2002, PERS has \$180.4 million in open forward contracts to buy foreign currencies, and \$494.2 million in open forward contracts to sell foreign currencies, measured at forward exchange rates effective June 30, 2002. Unrealized losses, measured as the difference between the contracted currency amounts and the currency amounts based on June 30, 2002 forward exchange rates, total \$5.0 million at June 30, 2002.

Forward exchange contracts contain credit risk in that the counterparty may default on the contract. PERS' international investment managers minimize credit risk by using only major financial institutions as counterparties to forward exchange contracts. Further, State Street Bank as custodial agent is responsible for monitoring the settlement contracts.

*Futures*: At June 30, 2002, PERS had 4,754 open short futures contracts, with an unrealized gain of \$17.2 million, and 3,972 open long futures contracts, with an unrealized loss of \$1.1 million.

Investments in derivatives are generally made to manage the overall risk of the individual managers' portfolios to a level satisfactory to the investment management firm and in accordance with their contract with the OIC. For the year ended June 30, 2002, the credit risk, market risk, and legal risk for these investments are not above and beyond those risks that are apparent in the financial statements or are otherwise disclosed in the notes to the financial statements. As of June 30, 2002, several equity index funds held futures contracts on equity indexes similar to the underlying fund holdings.

### C. Securities Lending

In accordance with state investment policies, the PERF participates in securities lending transactions. The state treasury has, through securities lending authorization agreements, 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 transac-

tions 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 securi-

Securities Loaned Fair Value		
U.S. Government Securities	\$ 689,851,926	
U.S. Agency Securities	56,888,163	
Domestic Stocks	453,691,354	
Domestic Corporate Securities	195,838,078	
International Stocks	655,744,280	
International Government and		
Corporate Securities	9,813,135	
Total		\$2,061,826,936
Collateral Fair Value		
Cash	\$ 2,047,068,438	
Securities	108,352,378	
Total		\$2,155,420,816

ty, 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 during 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, 2002, is effectively one day. On June 30, 2002, PERF had no credit risk exposure to borrowers because the amounts the PERF owes borrowers exceed the amounts borrowers owe PERF. The fair values of the collateral received and the securities on loan from PERF as of June 30, 2002, including accrued income, were \$2,155.4 million and \$2,061.8 million, respectively. For the fiscal year ended June 30, 2002, total income from securities lending activity was \$58.9 million, and total expenses for the period were \$47.0 million for net income of \$11.9 million.

PERF's cash balances held by the state treasurer are invested in the Oregon Short Term Fund (OSTF), as is the cash of other state agencies. As of June 30, 2002, the fair values of the collateral received and the securities on loan, including accrued income, from the OSTF were \$539.8 million and \$525.1 million respectively. PERF's allocated portions of the collateral received and securities on loan were \$44.4 million and \$43.2 million respectively. These amounts are not included in the table on page 27.

The total cash collateral of \$2,091.5 million is not categorized as to risk.

### (7) 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 which 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 which have higher rental rates due to inflation. Fiscal year 2002 operating lease expenses were \$44,212.

The schedule to the right summarizes the minimum lease payments for operating leases in effect as of June 30, 2002.

### (8) 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, 2002, the fair value of investments was \$545.1 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.

PERS contracts with CitiStreet, a joint venture between Citigroup and State Street Bank and Trust Company, to maintain the OSGP participant records. The Oregon state treasury, as custodian of the assets, also contracts with State Street Bank and Trust Company to provide financial services. There are nine investment options with varying degrees of market risk. Up to four 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. In prior fiscal years some account balances remained with various financial institutions for participants who were receiving distributions and who elected not to transfer their account balances to the OSGP. On August 29, 2001, the OIC with the support of the Board directed that these account balances be transferred to the OSGP. The state has no liability for losses under the plan but does have the prudent investor responsibility of due care.

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, 2002, averaged 0.29 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.

	0	perating
		Leases
2003	\$	43,828
2004		44,452
2005		45,138
2006		45,893
2007		24,473
Thereafter		0
Total Future Minimum		
Lease Payments	\$	203,784

### (9) Long-Term Debt

In 1992, PERF entered into an agreement to guarantee \$50 million in taxable special revenue obligation bonds issued by the Port of Portland on behalf of a start-up aircraft maintenance company at Portland International Airport. The company ceased operations at the end of October 1993. Initial interest payments were made from a reserve fund established from bond sale proceeds. This reserve fund was depleted and interest payments from the retirement trust fund commenced in October 1994.

PERS has purchased a lease-hold interest in the facility. The value of any recovery cannot be estimated because it will depend on whether PERS can re-lease or sell the facility, and on what terms. In October 1996, the attorney general filed a lawsuit against the owners of the company and the consulting firm that advised the investment. At the time of this report, some claims are still pending. The value of any recovery from pending claims cannot be estimated at this time.

The first table describes taxable obligation revenue bonds issued and outstanding guaranteed by the retirement fund.

The second table summarizes the amounts necessary to pay all future long-term guaranteed debt principal and interest requirements as of fiscal year ending June 30, 2003, for each fiscal year during the next five-year period ending June 30, 2007, and for the five-year periods ending June 30, 2012, June 30, 2017, and June 30, 2022. Pamcorp Taxable Special Obligation Revenue Bonds Issued and Outstanding

	Amount Issued and Outstanding	Interest Rate	Due Date	Issue Date		
Series "A"	\$ 9,300,000	8.350%	May 15, 2010	June 1, 1992		
Series "B"	9,800,000	8.875	May 15, 2015			
Series "C"	27,000,000	9.200	May 15, 2022			

Fiscal		Seri	es	"A"	Seri	ies	"В"	S	rie	s "C"		Total To		Total	Total Total	
Year		Principal		Interest	Principal		Interest	Principal		Interest	]	Principal		Interest		Expenses
2003	\$	900,000	\$	776,550	\$-	\$	869,750	\$	- 3	\$ 2,484,000	\$	900,000	\$	4,130,300	\$	5,030,300
2004		900,000		701,400	-		869,750		-	2,484,000		900,000		4,055,150		4,955,150
2005		1,000,000		626,250	-		869,750		-	2,484,000		1,000,000		3,980,000		4,980,000
2006		1,100,000		542,750	-		869,750		-	2,484,000		1,100,000		3,896,500		4,996,500
2007		1,200,000		450,900	-		869,750		-	2,484,000		1,200,000		3,804,650		5,004,650
2008-2012	2	4,200,000		718,100	3,500,000		4,197,876		-	12,420,000		7,700,000		17,335,976		25,035,976
2013-2017	'	-		-	6,300,000		1,136,002	5,200,00	0	12,190,000	1	1,500,000		13,326,002		24,826,002
2018-2022	2	-		-	-		-	21,800,00	0	7,047,200	2	1,800,000		7,047,200		28,847,200
	\$	9,300,000	\$	3,815,950	\$9,800,000	\$	9,682,628	\$ 27,000,00	0 9	<b>44,077,200</b>	\$4	6,100,000	\$	57,575,778	\$	103,675,778

In 1996, PERF purchased the land and began construction on a new retirement system headquarters building in Tigard, Oregon. The construction was financed by the sale of certificates of participation. The certificates of participation were sold on 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 has a final repayment due May 1, 2006. The Series B COP has a final repayment due May 1, 2017. The third table describes COPs issued and outstanding. The first table on page 30 summarizes all future certificates of participation payments

PERS Building Certificates of	f Particip	ation					
ssued and Outstanding							
			Amount				
			ssued and	Interest			
		Outstanding		Rate	Due Date	<b>Issue Date</b>	
Serie	es "A"	\$	1,400,000	5.450%	May 1, 2006	March 16, 1996	
Serie	es "B"		5,870,000	4.410	May 1, 2017	March 1, 2002	

#### **Oregon Public Employees Retirement System**

of principal and interest as of fiscal year ending June 30, 2003, for each fiscal year during the next five-year period ending June 30, 2007, and the five-year periods ending June 30, 2012, and June 30, 2017.

Fiscal	Seri	ies "A"	Ser	ies "B"	Total	Total	Total Expenses	
Year	Principal	Interest	Principal	Interest	Principal	Interest		
2003	\$ 325,000	\$ 67,473	\$ 10,000	\$ 303,765	\$ 335,000	\$ 371,238	\$ 706,238	
2004	340,000	52,360	10,000	303,565	350,000	355,925	705,925	
2005	360,000	36,210	10,000	303,345	370,000	339,555	709,555	
2006	375,000	18,750	15,000	303,075	390,000	321,825	711,825	
2007	-	-	405,000	302,625	405,000	302,625	707,625	
2008-2012	-	-	2,360,000	1,184,525	2,360,000	1,184,525	3,544,525	
013-2017	-	-	3,060,000	498,225	3,060,000	498,225	3,558,225	
	\$ 1,400,000	\$ 174,793	\$ 5,870,000	3,199,125	7,270,000	3,373,918	10,643,918	

The following schedule summaizes the changes in long-term debt for the year ended June 30, 2002:

	Balance July 1, 2001	Additions	Deductions	Ju	Balance ine 30, 2002
Pamcorp Principal	\$ 46,900,000	\$ -	\$ 800,000	\$	46,100,000
PERS Building Principal	7,440,000	6,145,000	6,315,000		7,270,000
Plus: Premium (Net)	-	371,676	-		371,676
Less: Deferred Gain (Net)	-	-	428,740		(428,740)
<b>Total Bonds Payable</b>	\$ 54,340,000	\$ 6,516,676	\$ 7,543,740	\$	53,312,936

### (10) Change in Accounting Principle

In June 1999, the Governmental Accounting Standards Board (GASB) issued Statement No. 34, *Basic Financial Statements - and Management's Discussion and Analysis - for State and Local Governments.* In June 2001 the GASB issued Statement No. 37, *Basic Financial Statements - and Management's Discussion and Analysis - for State and Local Governments: Omnibus,* which amended certain provisions of GASB Statement No. 34. PERS adopted the new pronouncement, as amended, for the fiscal year ended June 30, 2002. The adoption of GASB Statement No 34. required PERS to present Management's Discussion and Analysis as required supplementary information preceding the financial statements. Required financial statements for fiduciary funds are the Statement of Fiduciary Net Assets and the Statement of Changes in Fiduciary Net Assets. The statements provide a separate column for each plan: pension, postemployment healthcare, and deferred compensation. With the adoption of GASB Statement No. 34 the deferred compensation fund was included in the Statements of Changes in Fiduciary Net Assets for memorandum only in 2001 increased by \$629,625,070.

### (11) Contingent Liabilities

Several local government employers (plaintiffs) have filed lawsuits seeking to reverse the Board's order raising employer contributions to the PERF, the allocation of 1999 earnings to employee accounts and reserve accounts. As the issues are the same in each case, the Marion County Circuit Court has consolidated the cases into one. The plaintiffs are not seeking monetary damages.

Certain PERS members (intervenors) have intervened to defend the Board orders challenged by the plaintiffs and to pursue their own challenges to two Board orders. Intervenors challenged the February 8, 2000 order that expanded the coverage provided by a reserve account the Board had previously established. Intervenors also challenged the March 27, 2000 order allocating 1999 earnings to employee and reserve accounts.

Plaintiffs and intervenors have asked the Court to reverse the challenged Board orders, to declare their rights and the Board's obligations regarding the PERF, and, if appropriate, to order a redistribution of earnings previously allocated by the Board. The claims are not covered by insurance.

On July 31, 2001, Judge Paul J. Lipscomb dismissed a number of motions brought by the petitioners and intervenors, but ruled on several. The motions on which rulings were issued were the calculation of benefits, the use of a contingency reserve, and employer participation in 1999 variable account earnings. The judge ruled in favor of the petitioners and intervenors on some points and against them on others. He offered no remedies and made clear in his summary that any remedies that would apply to the rulings would be determined by a subsequent trial.

Judge Lipscomb issued his final opinion and order on October 17, 2002. He reversed three orders of the Board and remanded the matter to the Board for further proceedings. The three orders that were reversed are: (1) the 1998 order establishing employer contribution rates; (2) the 2000 order establishing employer contribution rates; and (3) the March 2000 order allocating 1999 earnings of the PERF. Despite reversing these orders, the Court acknowledged that PERS is a fundamentally sound public pension system.

On remand, the Board will be required to recalculate the 1998 and 2000 employer contribution rates and reallocate the 1999 earnings. PERS had \$6.5 billion in earnings available in 1999. The revised 1998 and 2000 employer rates will likely provide relief to PERS employers.

The details of the Court's rulings are as follows: (1) in calculating benefits for persons retiring under the "money match" method, employers are only required to match an amount equal to regular account earnings (not variable account earnings); (2) benefits must be calculated on the basis of updated mortality tables that are to be implemented "immediately and fully"; (3) the Board must fund the contingency reserve out of the 1999 earnings, in an amount to be decided by the Board (but any amount less than 7.5 percent of 1999 earnings must be supported by good and substantial reasons); (4) the Board must exercise its discretion in reconsidering the amount of 1999 earnings to be allocated to the gain-loss reserve; (5) the Board must also exercise its discretion to allocate earnings to the benefits-in-force reserve first (to ensure sufficient funds are available in the reserve account to pay expected benefits without additional charge to employers); and (6) the Board must exercise its discretion to credit 1999 earnings to Tier One employee accounts in a "much more prudent" fashion. The Court also ruled in favor of the intervenor employees on their claim that the Board breached its fiduciary and contractual duties by allocating a greater portion of 1999 earnings to employer accounts than allowed by ORS 238.660(2). On remand, 1999 earnings must be reallocated without applying the administrative rule that governed this allocation. Petitioners and intervenors are both entitled to recover their attorney fees (in amounts to be determined through further proceedings).

Finally, the Court suggested (but did not require) that PERS might decide on remand not to recalculate retiree benefits, but could make up some or all of the difference from the contingency reserve, the gain-loss reserve, or count this as an administrative expense.

The Department of Justice and the Board are now considering various options. It is too soon to determine how the Board will respond to the Court's order.

The financial impact on the fund is currently unclear. Moreover, there is a question about how the fund will make up any losses as a result of the Court's order.

# Required Supplementary Information Schedules of Funding Progress (dollar amounts in millions)

Valuation Date	Actuarial Liability	Valuation of Assets	Assets as a % of Actuarial Liabilities	Unfunded Accrued Liabilities (UAL)	Annual Active Member Payroll	UAL as a % of Annual Active Member Payroll
Pension Ben	efits					
12/31/2001	\$ 45,386.1	\$ 39,772.7	87.6%	\$ 5,613.4	\$ 6,254.0**	* 89.8%
12/31/2000	42,783.9	41,739.6	97.6	1,044.3	6,195.9	16.9
12/31/1999	40,395.4	39,920.9	98.8	474.5	5,676.6	8.4
12/31/1997	31,178.0	29,097.2	93.3	2,080.8	5,161.6	40.3
12/31/1995	22,794.0	20,963.6	92.0	1,830.4	4,848.1	37.8
12/31/1993	18,614.7	17,560.1	94.3	1,054.6	4,466.8	23.6
12/31/1991	14,378.7	14,679.4	102.1	(300.7)	3,887.5	(7.7)
_						
1 .			rement Health Insu			
12/31/2001	\$ 532.1	\$ 76.5	14.4%	\$ 455.6	\$ 6,254.0**	
12/31/2000	543.5	62.1	11.4	481.4	6,195.9	7.8
12/31/1999	495.3	41.4	8.4	453.9	5,676.6	8.0
12/31/1997	473.8	10.7	2.3	463.1	5,161.6	9.0
12/31/1995	428.1	(3.4)	(0.8)	431.5	4,848.1	8.9
12/31/1993	360.7	(6.8)	(1.9)	367.5	4,466.8	8.2
12/31/1991	263.2	(11.5)	(4.4)	274.7	3,887.5	7.1
Postemplovn	nent Healthcar	e Benefits - Reti	ee Health Insurance	e Premium Ac	count**	
12/31/2001	\$ 29.5	\$ 3.0	10.0%	\$ 26.5	\$ 1,954.1**	* 1.4%
12/31/2000	23.1	¢ 3.0 2.9	12.6	20.2	1,984.0	1.0
12/31/1999	17.2	2.5	14.5	14.7	1,802.7	0.8
12/31/1997	13.1	0.3	2.3	12.8	1,399.8	0.9
12/31/1995	26.5	(2.6)	(9.8)	29.1	1,581.5	1.8
12/31/1993	25.9	(1.3)	(5.0)	27.2	1,498.1	1.8
12/31/1991	29.3	0.0	0.0	29.3	1,440.6	2.0

\*The Retirement Health Insurance Account provides postemployment healthcare benefits for eligible members for all participating employers. When created, the account also assumed the debt of its predecessor trust fund of \$11.5 million, resulting in a negative valuation of assets prior to December 31, 1997.

\*\*The Retiree Health Insurance Premium Account provides postemployment healthcare benefits only for eligible members who retired from state of Oregon employers. Required annual contributions did not begin until July 1, 1995, while benefits were being paid resulting in a negative valuation of assets prior to December 31, 1997.
\*\*\*Effective in 2001 the Annual Active Member Payroll excludes the member pick-up, if any.

## **Required Supplementary Information Schedules of Employer Contributions** (dollar amounts in millions)

	Annual Required	Percentage	
Year Ended	Contribution		
Pension Benefits	Contribution	contributed	
12/31/2001	\$ 681.5	94.6%*	
12/31/2000		95.2*	
12/31/1999		96.6*	
12/31/1998		100.0	
12/31/1997		100.0	
12/31/1996		100.0	
12/31/1995		100.0	
12/31/1994		100.0	
12/31/1993		100.0	
12/31/1992		100.0	
Postemployment Healthcare	Benefits - Retiren	nent Health Insu	rance
12/31/2001		100.0%	
12/31/2000	41.1	100.0	
12/31/1999	37.4	100.0	
12/31/1998	33.7	100.0	
12/31/1997	30.7	100.0	
12/31/1996	28.0	100.0	
12/31/1995	24.6	100.0	
12/31/1994	21.8	100.0	
12/31/1993		100.0	
12/31/1992	22.0	100.0	
Postemployment Healthcare	Benefits - Retiree	Health Insuranc	e Pre
12/31/2001		100.0%	
12/31/2000	1.1	100.0	
12/31/1999	1.7	100.0	
12/31/1998	2.2	100.0	
12/31/1997	2.3	100.0	
12/31/1996	2.4	100.0	
12/31/1995	1.2	100.0	

\*Due to a significant increase in employer contribution rates based on the December 31, 1997 actuarial valuation, the Board allowed employers to elect to defer increases to future periods.

Account\*\*\*

\*\*The Retirement Health Insurance Account provides postemployment healthcare benefits for eligible members for all participating employers.

\*\*\*The Retiree Health Insurance Premium Account provides postemployment healthcare benefits only for eligible members who retired from state of Oregon employers. Required annual contributions did not begin until July 1, 1995.

## **Notes to Required Supplementary Schedules**

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows.

	PERS
Valuation Date	December 31, 2001
Actuarial Cost Method	Entry Age
Amortization Method	Level percent of salary over a period commencing on the valuation date
	and ending on December 31, 2027.
Actuarial Assumptions:	
Investment Rate of Return	8.0%
Projected Salary Increases	4.25%
Consumer Price Inflation	3.5%
Health Cost Inflation	Graded from 9.0 % to 5.0 % over 9 years*
Cost-of-living Adjustments	2.0%
Method Used to Value Assets	The actuarial value of assets is equal to the fair market value of assets
	on the valuation date, less a reserve equal to a pro-rata portion of the
	investment gains (losses) over the four-year period ending on the
	valuation date. Investment gains (losses), effective from January 1, 2000,
	are recognized at the rate of 25.0 percent per year. The actuarial value
	of assets is limited to a 10.0 percent corridor above and below the fair
	market value.
Amortization Period	26 years
Selection of Amortization Approach	Closed
*Health Cost Inflation	
Year 1	9.0%
Year 2	8.5
Year 3	8.0
Year 4	7.5
Year 5	7.0
Year 6	6.5
Year 7	6.0
Year 8	5.5
Year 9 and later	5.0

Note: The December 31, 2001 valuation will amortize the unfunded actuarial liability over a 26-year period. This amortization period will be shortened each valuation until a 20-year amortization period is achieved.

## Schedule of Plan Net Assets -Defined Benefit Pension Plan June 30, 2002 and 2001

	Regular Variable		-	Fotals
	Account	Account	2002	2001
Assets:				
Cash and Cash Equivalents	\$ 2,229,560,738	\$ 20,460,743	\$ 2,250,021,481	\$ 1,610,121,247
Receivables:				
Employer	34,391,924		34,391,924	46,224,502
Plan Member	14,510,885	4,970,636	19,481,521	25,621,718
Interest and Dividends	112,763,674	877,004	113,640,678	167,659,988
Investment Sales and Other Receivables	894,468,522	4,075,449	898,543,971	928,525,683
Total Receivables	1,056,135,005	9,923,089	1,066,058,094	1,168,031,891
Interaccount Receivables and Payables	16,113,418	(16,113,418)		
Due from Other Funds	1,419,643		1,419,643	1,275,381
Investments:	1,119,010		1,119,010	1,2,0,001
Fixed Income	10,392,217,929	38,156,210	10,430,374,139	11,462,440,370
Equity	17,079,244,473	1,383,839,277	18,463,083,750	19,349,770,012
Real Estate	1,728,688,206		1,728,688,206	1,960,660,293
Alternative Equity	3,517,297,853		3,517,297,853	4,317,620,470
		1 421 005 405	24,122,442,242	25,000,401,145
Total Investments	32,717,448,461	1,421,995,487	34,139,443,948	37,090,491,145
Securities Lending Cash Collateral	2,091,464,709		2,091,464,709	2,191,140,289
Prepaid Expenses and Deferred Charges	132,677		132,677	44,603
Equipment and Fixtures, Cost Net of Accumulated				
Depreciation at 2002: \$ 2,013,498; at				
2001: \$ 1,906,097	140,750		140,750	213,873
Land and Buildings, Cost Net of Accumulated				
Depreciation at 2002: \$ 916,335;				
at 2001: \$736,073	7,238,636		7,238,636	7,418,899
Office Supplies Inventory, Cost	4,839		4,839	5,352
Total Assets	38,119,658,876	1,436,265,901	39,555,924,777	42,068,742,680
Liabilities:				
Investment Purchases and Accrued Expenses	2,657,890,917	11,858,647	2,669,749,564	2,306,916,483
Deposits and Other Liabilities	107,222,673	588,573	107,811,246	110,648,027
Due to Other Funds				
Bonds Payable	53,312,936		53,312,936	54,340,000
Securities Lending Collateral Due Borrowers	2,091,464,709		2,091,464,709	2,191,140,289
Total Liabilities	4,909,891,235	12,447,220	4,922,338,455	4,663,044,799
Total Elabilities	<b></b>	12,17,220	7,722,550,755	·,000,077,797
Net Assets held in trust for pension benefits	\$ 33,209,767,641	\$ 1,423,818,681	\$ 34,633,586,322	\$ 37,405,697,881
The resolution of the resolution benches	φ 33,207,107,041	Ψ 1,723,010,001	φ στ,055,500,522	φ 57,705,077,001

## Schedule of Changes in Plan Net Assets -Defined Benefit Pension Plan For the Years Ended June 30, 2002 and 2001

	Regular	Variable	Т	otals
	Account	Account	2002	2001
Additions:				
Contributions:				
Employer	\$ 989,078,917	\$	\$ 989,078,917	\$ 639,010,754
Plan Member	289,298,953	102,243,258	391,542,211	370,165,609
Other Sources	20,939,073		20,939,073	20,278,204
Total Contributions	1,299,316,943	102,243,258	1,401,560,201	1,029,454,567
Investment Income:				
Net Appreciation (Depreciation)				
in Fair Value of Investments	(2,908,673,733)	(283,939,284)	(3,192,613,017)	(4,018,479,531)
Interest, Dividends, and Other Investment Income	983,531,131	25,738	983,556,869	867,778,799
Total Investment Income	(1,925,142,602)	(283,913,546)	(2,209,056,148)	(3,150,700,732)
Less Investment Expense	209,011,502	4,244,713	213,256,215	315,816,539
Net Investment Income	(2,134,154,104)	(288,158,259)	(2,422,312,363)	(3,466,517,271)
Other Income	257,155		257,155	603,381
<b>Total Additions</b>	(834,580,006)	(185,915,001)	(1,020,495,007)	(2,436,459,323)
Deductions:				
Benefits	1,626,585,949	51,365,303	1,677,951,252	1,568,808,652
Death Benefits	10,121,636		10,121,636	9,688,541
Refunds of Contributions	43,876,353	2,210,559	46,086,912	46,243,701
Administrative Expense	16,470,216	986,536	17,456,752	25,374,819
Interaccount Transfers	(97,872,191)	97,872,191		
Total Deductions	1,599,181,963	152,434,589	1,751,616,552	1,650,115,713
Net Increase (Decrease)	(2,433,761,969)	(338,349,590)	(2,772,111,559)	(4,086,575,036)
Net Assets held in trust for pension benefits				
Beginning of Year	35,643,529,610	1,762,168,271	37,405,697,881	41,492,272,917
End of Year	\$ 33,209,767,641	\$ 1,423,818,681	\$ 34,633,586,322	\$ 37,405,697,881

## Schedule of Plan Net Assets -Postemployment Healthcare Plan June 30, 2002 and 2001

	-	Retirement Health Insurance		Retiree Health Insurance e Premium		Standard e Retiree Health Insurance		ce Totals			
		Account		Account		Account		2002		2001	
Assets:											
Cash and Cash Equivalents	\$	1,981,287	\$	104,718	\$	34,912,399	\$	36,998,404	\$	31,132,984	
Receivables:											
Employer		2,074,952						2,074,952		2,956,883	
Plan Member						3,961,719		3,961,719		3,245,691	
Interest and Dividends							_				
Total Receivables		2,074,952			_	3,961,719	_	6,036,671	_	6,202,574	
Due from Other Funds		1,050,955						1,050,955			
Commingled Investments		73,297,090		2,739,431				76,036,521		66,706,141	
Total Assets	_	78,404,284	_	2,844,149		38,874,118	_	120,122,551	-	104,041,699	
Liabilities:											
Investment Purchases and Accrued Expenses						1,903,757		1,903,757		932,593	
Due to Other Funds		1,062,148		333,674		959,032		2,354,854		1,170,360	
Total Liabilities	_	1,062,148	_	333,674	_	2,862,789		4,258,611	-	2,102,953	
Net Assets held in trust for postemployment healthcare benefits	\$	77,342,136	\$	2,510,475	\$	36,011,329	\$	115,863,940	\$_	101,938,746	

Schedule of Changes in Plan Net Assets -Postemployment Healthcare Plan For the Years Ended June 30, 2002 and 2001

		Retirement		Retiree ealth Insuran		Standard Retiree				
	Hea	Ith Insurance		Premium	]	Health Insura	inc		<u>'ota</u>	
-		Account		Account		Account		2002		2001
Additions:										
Contributions:										
Employer	\$	40,154,004	\$	1,424,727	\$		\$	41,578,731	\$	43,472,869
Plan Member			_		_	52,273,896	_	52,273,896	_	45,492,117
Total Contributions	_	40,154,004		1,424,727		52,273,896	_	93,852,627		88,964,986
Investment Income:										
Net Appreciation (Depreciation)		(4,290,677)		(155,146)				(4,445,823)		(4,369,580)
in Fair Value of Investments Interest, Dividends, and Other Investment Incom						902,103		002 102		1 944 057
Total Investment Income	e	(4,290,677)		(155,146)	_	902,103	-	902,103 (3,543,720)	-	1,844,957 (2,524,623)
Total investment income		(4,290,077)		(155,140)		902,105		(5,545,720)		(2,324,023)
Less Investment Expense	_				_					
Net Investment Income		(4,290,677)		(155,146)		902,103		(3,543,720)		(2,524,623)
Total Additions	_	35,863,327	_	1,269,581		53,175,999	_	90,308,907		86,440,363
Deductions:										
Healthcare Premium Subsidies		23,627,238		1,155,018				24,782,256		24,187,116
Retiree Healthcare Expense						49,376,276		49,376,276		39,831,041
Administrative Expense		782,513		231,241		1,211,427		2,225,181		2,209,878
<b>Total Deductions</b>		24,409,751		1,386,259	_	50,587,703		76,383,713		66,228,035
Net Increase (Decrease)		11,453,576		(116,678)		2,588,296		13,925,194		20,212,328
Net Assets held in trust for										
postemployment healthcare benefits										
Beginning of Year		65,888,560		2,627,153		33,423,033		101,938,746		81,726,418
End of Year	\$	77,342,136	\$	2,510,475	\$	36,011,329	\$	115,863,940	\$	101,938,746
		, , , -	=	1 1 1	÷	1 1 1	-	1 1 2		

## Schedule of Administrative Expenses For the Years Ended June 30, 2002 and 2001

	2002	2001
Personal Services:		
Staff Salaries	\$ 8,277,473	\$ 7,804,121
Social Security	631,653	595,794
Retirement	1,288,255	1,230,575
Insurance	1,293,788	1,140,286
Assessments	870,489	152,238
Total Personal Services	12,361,658	10,923,014
Professional Services:		
Actuarial	302,383	401,170
Data Processing	318,414	9,629,358
Audit	214,078	168,602
Legal Counsel	514,764	501,708
Medical Consultants	102,625	83,800
Training and Recruitment	136,844	138,806
Contract Services	1,437,216	1,992,132
Healthcare Fees	2,076,037	1,913,703
Total Professional Services	5,102,361	14,829,279
Communications:		
Printing	207,060	133,392
Telephone	233,882	271,921
Postage	335,682	342,888
Travel	89,266	114,229
Total Communications	865,890	862,430
Rentals:		
Office Space	72,536	71,140
Equipment	53,011	60,743
Total Rentals	125,547	131,883
Miscellaneous:		
Central Government Charges	512,197	302,081
Supplies	484,660	414,374
Maintenance	442,548	349,137
Non-Capitalized Equipment	159,880	45,123
Depreciation	287,663	316,888
COP Amortization	25,052	
Total Miscellaneous	1,912,000	1,427,603

**Total Administrative Expenses:** Defined Benefit Pension Plan, Postemployment Healthcare Plan, and Deferred Compensation Plan for the Year Ended June 30, 2002.

20,367,456

\$

28,174,209

\$

## Schedule of Payments to Consultants For the Years Ended June 30, 2002 and 2001

	Commission / Fee				
Individual or Firm		2002		2001	Nature of Service
Milliman USA	\$	248,475	\$	314,985	Actuary
William Mercer		0		86,185	Actuary
Oregon Department of Justice		385,430		501,708	Legal
Oregon Audits Division		199,477		168,602	Audit
B.W. Reed Benefits, Inc.		145,434		72,000	Health Insurar
Lawrence Duckler, MD		45,000		11,800	Medical Advis

## Summary of Investment Fees, Commissions, and Expenses

For the Years Ended June 30, 2002 and 2001		2002		2001
International Equity Fund Managers Acadian	\$	1,519,220	\$	1,576,755
Barclay's Global Investors (EAFE)	φ	656,142	ψ	681,238
Brandes Investment		2,037,160		2,194,358
Clay Finlay, Inc.		1,203,816		1,405,073
Driehaus Capital		1,923,077		2,575,067
Genesis Investment Management Ltd.		1,453,643		1,478,937
Lazard Asset Management		218,446		605,358
Marvin & Palmer Associates		1,462,994		1,694,344 1,143,827
Montgomery Asset Rowe Price		1,067,348 2,104,018		2,667,962
Sanford Bernstein		1,870,818		1,906,911
Schroder Capital		1,040,790		1,119,097
TT International		1,371,035		1,640,711
Domestic Equity Fund Managers				
Alliance Capital Management		1,531,199		1,930,411
Barclay's Global Investors (all funds)		3,172,236		899,186
Becker Capital		1,386,532		1,276,596
Brown Capital Equinox		386,413 817,501		1,029,978
Fiduciary Trust				558,651
Froley-Revy Equity		1,122,594		1,193,794
Nicholas Applegate		1,739,243		2,518,571
Northern Trust Company		816,760		935,792
Oak Associates		1,140,488		1,580,612
Peachtree Asset Management		692,434		896,014
Sanford Bernstein		2,200,768		2,236,340
Shott Capital Management		776,516		2,506,635
Thompson/Rubenstein Investors		1,551,878		1,883,385
Veredus Capital Management		1,159,403		236,408
Wanger Asset Management Wellington Management		2,773,477 2,881,182		3,104,783 2,508,175
Winslow Capital Management		1,083,717		218,847
Zesiger Capital Group		659,036		1,330,483
Fixed Income Managers		,		,,
Alliance Capital Management		1,503,807		311,996
Barclay's Global Investors (Corporate Government Bond Index)		60,448		198,070
Blackrock Financial Management		1,661,226		360,267
Fidelity Management Trust Co.		1,902,684		384,785
Merrill Lynch Investment Managers		119,146		643,289
Rogge Global Partners Wellington Management Co.		147,805 1,671,068		796,073 1,703,075
Western Asset Management		1,536,908		1,554,624
Real Estate Investment Fund Manager		-,,		-,
La Salle Advisors (Alex Brown Realty)		1,161,274		4,173,633
Leveraged Buyout Manager				
KKR		12,664,688		12,837,960
Custodian		((2)(5))		715.000
State Street Bank		663,659		715,000
Alternative Equity Managers 2000 Riverside Capital		1,503,979		
Aurora Equity Partners		806,617		703,110
BCI Growth		1,076,824		1,279,307
Castle Harlan		500,775		534,701
CVC European		2,109,538		2,250,000
Doughty Hanson		2,177,206		2,041,37
Exxel Capital Partners		2,500,000		2,015,425
Hicks Muse		2,031,606		3,319,46
Parthenon Investors		2,478,685		1,500,00
Pathway Private Equity		2,401,304		
Solera Partners TPG Partners		2,558,002 6,081,352		6,966,10
TSG Fund		1,584,365		1,601,460
Vestar Capital		1,237,070		1,001,97
Other Alternative Equity Fees		13,897,942		11,211,75
Real Estate Fees and Expenses		21,510,323		25,772,81
Real Estate Bond Expenses		4,903,274		5,539,59
State Treasury Fees		2,982,810		3,377,102
Securities Lending Fees		47,004,774		139,825,304
Brokerage Commissions		25,888,343		32,871,20
Other Investment Fees and Expenses		1,108,829		821,55
Total Investment Fees, Commissions, and Expenses - Defined Benefit Pension Plan	ф. /	213,256,215	dh.	315,816,539

AUDITS DIVISION Cathy Pollino Director

(503) 986-2255 FAX (503) 378-6767

OFFICE OF THE SECRETARY OF STATE Bill Bradbury Secretary of State



Auditing for a Better Oregon

The Honorable John Kitzhaber, M.D. Governor of Oregon 254 State Capitol Salem, Oregon 97310-4047

The Board of Trustees Oregon Public Employees Retirement System 11410 SW 68<sup>th</sup> Parkway Tigard, Oregon 97223

## INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE AND ON INTERNAL CONTROL OVER FINANCIAL REPORTING 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 (PERS), as of and for the year ended June 30, 2002, and have issued our report thereon dated December 10, 2002. 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.

#### Compliance

As part of obtaining reasonable assurance about whether PERS' financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grants, 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 that are required to be reported under *Government Auditing Standards*.

#### Internal Control Over Financial Reporting

In planning and performing our audit, we considered PERS' internal control over financial reporting in order to determine our auditing procedures for the purpose of expressing our opinion on the financial statements and not to provide assurance on the internal control over financial reporting. Our consideration of the internal control over

-1-

financial reporting would not necessarily disclose all matters in the internal control that might be material weaknesses. A material weakness is a condition in which the design or operation of one or more of the internal control components does not reduce to a relatively low level the risk that misstatements in amounts that would be material in relation to the financial statements being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control over financial reporting and its operation that we considered to be material weaknesses. However, we noted other matters involving the internal control over financial reporting, which we have reported to management of the PERS in a separate letter.

This report is intended solely for the information and use of the Board of Trustees of the Oregon Public Employees Retirement System, the Retirement System's management, the governor of the state of Oregon, 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

In th Bill Bradbury

Bill Bradbury Secretary of State

December 10, 2002

## **Investment Section**



Oregon Department Of Transportation employees are PERS members. ODOT's employees work in all weather conditions, often performing services in dangerous situations, to keep our roadways safe.

#### **Investment Officer's Report**



## OREGON INVESTMENT COUNCIL

September 05, 2002

Dear PERS Members:

159 STATE CAPITOL SALEM, OREGON 97310 378-4111

For the second consecutive year, domestic equity markets were rolled by recessionary concerns. Additional instability was created by the September 11 terrorist attack on the United States and various accounting debacles and corporate governance scandals (beginning with the collapse of Enron in the fall of 2001). In late November, the National Bureau of Economic Research, an independent organization that monitors the timelines of business cycles, determined that the latest economic recession began in April 2001, ending a tenyear expansion period that began in March of 1991. In an ongoing effort to stimulate the struggling domestic economy, the Federal Open Market Committee (FOMC) cut interest rates an amazing 11 times in 2001, bringing the Fed Funds rate to 1.75 percent, the low-est such rate in 40 years.

While the broad domestic equity market performed well during the fourth quarter of calendar year 2001, with the Russell 3000 Index posting a quarterly return of 11.8 percent, the same index ended the fiscal year down 17.2 percent. In fact, the annualized three-year performance was a dismal negative 7.9 percent. On a relative basis, the Oregon Public Employees Retirement Fund's (PERF) domestic equity managers performed exceedingly well, posting returns 3.3 percent better than the Russell 3000 Index, on average, over the past three years. Much academic debate has recently centered on the "equity risk premium." Simply put, what can we expect the equity markets to produce, going forward, over a risk-free rate of return? The consensus seems to be "not much," at least when put in historical perspective. Traditionally, one could expect to earn about six percent over a risk free instrument (e.g., an intermediate term US government bond); that expectation has been lowered by half, to about three percent. Going forward, any expectation of achieving double-digit returns will be challenging, to say the least.

Small cap value stocks posting a robust 8.5 percent return for the fiscal year highlighted domestic equities. Just as value investing was pronounced "dead" by the financial media in the late 1990s, value stocks dominated their growth brethren by impressive spreads for the fiscal year: large cap value outperformed large cap growth by 17.5 percent and small cap value outperformed small cap growth by 33.5 percent. The Oregon Investment Council (OIC) has appropriately adopted a style neutral approach to equity investing since predicting the "flavor-of-the-year" has proven to be a loser's game. The dizzying returns once experienced in the tech-laden NASDAQ Composite Index were humbled once again as the index lost nearly 32.2 percent for the fiscal year, on the heels of a 45.5 percent loss in fiscal year 2001.

The big news overseas was the conversion of 12 European nations to a single currency (the euro), effective December 31, 2001. By most accounts, the changeover was smooth and is exceeding expectations. Japan's economy continued to suffer a malaise from which recovery appears far off. Government intervention has been unsuccessful in stemming rising unemployment and increasing corporate bankruptcies. The world equity market (excluding the United States), as measured by the MSCI World Index (ex-US), lost 10.9 percent for the year. Investors seeking shelter overseas, from poor US equity performance, were better off, on a relative basis. One minor bright spot, analogous to the small cap value sector of the US economy, were the returns of international emerging markets which returned 3.7 percent for fiscal year 2002, as measured by the IFC Emerging Markets Investable Securities Index. PERF's international equity managers bested their custom benchmark by approximately 1.4 percent over the most recent three-year period, on an annualized basis.

The merits of diversification were affirmed again as the domestic fixed income markets, represented by the Lehman Brothers Aggregate Bond Index, posted strong positive returns for the second consecutive year, earning 8.6 percent. With inflation at 1.1 percent for the year, bond returns were quite impressive, indeed. Every major component of the US debt market posted returns in excess of 8.0 percent for the year, with the exception of corporate debt, which returned 7.0 percent. On a global basis, non-US debt did very well, particularly if the currency exposure remained unhedged. The Salomon Non-US World Government Bond Index returned 15.7 percent for the year ended June 30, 2002.

The PERF lost 6.3 percent for the fiscal year, with the market value falling to approximately \$34.9 billion (including cash). Since year-end 1992, however, the total market value of PERF (including the variable portion) has increased by \$19.9 billion, resulting in an annualized return of 10.0 percent. When compared to other larger public funds, PERF's results place it squarely in the top decile over the most recent three and five year periods.

The primary goal of the PERF investment program is realization of long-term earnings in excess of the rate (currently 8.0 percent) assumed by the PERS actuary. To realize this objective, the OIC has maintained a strong preference for common stocks. Currently, equity securities comprise approximately 60.0 percent of total PERF assets, measured at market value. The OIC reviews the asset allocation policy on a regular basis, and a reexamination of key assumptions in early 2002 reaffirmed the current asset allocation mix.

Michael Mueller Interim Director - Investments

#### **Description of Investment Policies**

Oregon Revised Statute (ORS) 293.706 established the Oregon Investment Council (OIC), which consists of five members. One member of the OIC serves on the Public Employees Retirement Board (Board) as a public member. Three 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 Senate confirmation. The state treasurer serves as the remaining voting member of the council. In addition, the director of the Public Employees Retirement System serves as a non-voting member of the OIC.

ORS 293.701 defines the investment funds over which the OIC has responsibility. Included are the Public Employees Retirement Fund and the Deferred Compensation Fund. The 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. The OIC is also responsible for providing an examination of the effectiveness of the investment program.

The OIC ensures that 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 shall be 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, the 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, the OIC must act with prudence when selecting agents and delegating authority.

The OIC has approved the following asset classes for the PERF: Oregon Short-Term Fund, Fixed Income, Real Estate, Equities, Alternative Equities, and Venture Capital Partnerships. The OIC must approve, in advance, the purchase of investments in a new asset class not described above. Individual investments which will require more than 10.0 percent of the funds allocated to a single asset class require the advance and explicit approval of the OIC.

The OIC maintains an "open-door" policy wherein investment officers employed by the Oregon state treasury 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 Oregon state treasury purchase the proposed investment.

The OIC also maintains an equal opportunity policy. When awarding contracts or agreements, the OIC does not discriminate because of age, race, color, sex, religion, national origin, marital status, sexual orientation, or disability. Furthermore, the OIC encourages firms doing or seeking to do business with the OIC to have equal opportunity programs. The OIC requires that all written contracts or agreements with the OIC incorporate reference that affirms compliance with applicable nondiscrimination, equal opportunity, and contract compliance laws.

The 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 which have requested notice. Written minutes and recordings are taken of all meetings.

The OIC recently embarked on a detailed documentation of its governance structure and beliefs encompassing delegation and return expectations. As funds under management have grown significantly over the last decade, these more formal guidelines have become invaluable to the professional management of state funds. The 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.

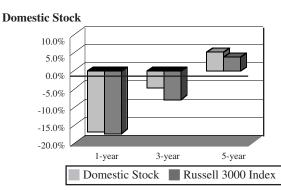
Investment Results	Periods Ending June 30, 2002					
		Annualized				
	1-Year	3-Year	5-Year			
Total Portfolio	-6.4%	1.0%	6.2%			
Domestic Stocks	-16.8	-4.7	5.1			
Benchmark: Russell 3000 Index	-17.2	-7.9	3.8			
International Stocks	-7.9	-3.5	0.6			
Benchmark: Custom Index (1)	-6.7	-4.9	-0.9			
Fixed Income Segment	6.9	7.0	6.8			
Benchmark: Custom Index (2)	7.4	7.5	7.4			
Real Estate (3)	7.1	11.2	9.9			
Benchmark: NCREIF	6.4	9.9	12.0			
Private Equity (4)	-10.8	2.9	9.0			
Benchmark: S&P 500 +5%	6.0	3.3	16.3			

Calculations were prepared using a time-weighted rate of return based on the market rate in accordance with AIMR's performance presentation standards.

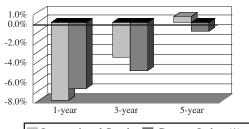
(1) 90% Salomon World Equity Broad Market ex-US/10% International Finance Corporation EMG Investable Securities

(2) 90% Lehman Universal/10% SSBI Non-US World Government Bond Hedged

- (3) Returns are lagged one quarter
- (4) Returns are lagged one quarter

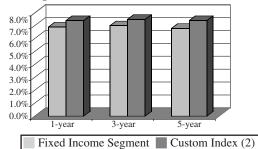


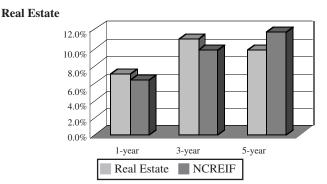
#### **International Stock**



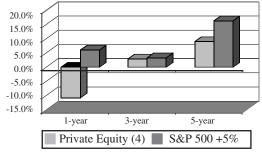
International Stock Custom Index (1)

#### **Fixed Income Segment**



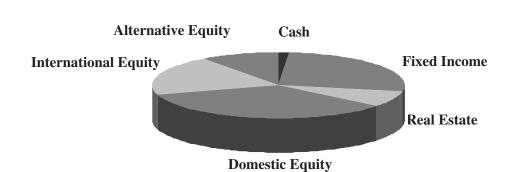


**Private Equity** 



## **Investment Target Allocation as of June 30, 2002**

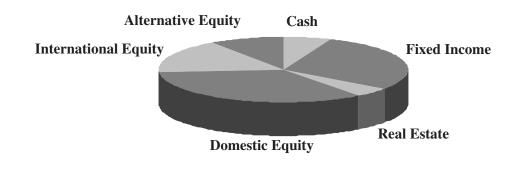
#### **OIC Allocation**



Weighted Low High Average Range Range Range 0% 3% 1.5% Cash Fixed Income 22 32 26.6 Real Estate 5 11 7.8 Domestic Equity 30 40 34.5 International Equity 15 25 19.7 Alternative Equity 7 13 9.9 79.0% 100.0% 124.0%

## **Investment Actual Allocation as of June 30, 2002**

#### **Actual Allocation**



	Actual
Cash	6.2%
Fixed Income	28.7
Real Estate	4.8
Domestic Equity	34.2
International Equity	16.4
Alternative Equity	9.7
	<u>100.0%</u>

### Schedule of Largest Assets Held

## Largest Stock Holdings (by Fair Value) June 30, 2002

<b>Shares</b>	Description	<u>Fair Value</u>
2,936,875 4,825,940	Pfizer Inc. Cisco Systems, Inc.	\$ 102,790,625 67,321,863
4,229,020	Eni Societa per Azioni	67,244,647
1,435,700	Medtronic, Inc.	61,519,745
1,783,024	MBNA Corporation	58,964,604
1,035,329	BNP Paribas	57,260,944
341,290	Total Fina Elf	55,413,742
1,410,100	Home Depot, Inc.	51,792,973
984,000	Johnson & Johnson	51,423,840
719,962	American International Group, Inc.	49,123,007
		\$ 622,855,990

## Largest Bond Holdings (by Fair Value) June 30, 2002

Par Value	Description	<u>Fair Value</u>
\$ 496,357,447	Federal National Mortgage Association TBA 6.5%	
	due 02-15-2099 Rating Aaa	\$ 505,976,854
323,500,000	Government National Mortgage Association TBA 6.5%	
	due 12-15-2099 Rating Aaa	329,970,000
305,980,000	US Treasury Notes 3.25%	
	due 05-31-2004 Rating Aaa	308,369,698
187,080,000	Federal National Mortgage Association TBA 7.0%	
	due 12-31-2099 Rating Aaa	193,745,660
125,825,000	Federal National Mortgage Association TBA 6.0%	
	due 12-31-2099 Rating Aaa	125,510,438
119,538,643	Federal Home Loan Mortgage Corporation TBA 7.0%	
	due 12-31-2099 Rating Aaa	123,797,805
93,149,000	US Treasury Notes 5.375%	
~~~~~~	due 02-15-2031 Rating Aaa	91,213,361
80,550,000	Federal National Mortage Association TBA 7.5%	
	due 12-31-2099 Rating Aaa	84,527,559
83,200,000	Government National Mortgage Association TBA 6.0%	00 000 000
(0.0( <b>0</b> .110	due 12-31-2099 Rating Aaa	83,096,000
69,963,410	US Treasury Inflation Indexed Notes 3.875%	
	due 04-15-2029 Rating Aaa	78,862,056
		\$ 1,925,069,431

A complete list of portfolio holdings is available for viewing upon request.

## Schedule of Fees and Commissions For the Fiscal Year Ended June 30, 2002

	Assets Under Management	Fees	Basis Points
Less du sui Marca anna Trans			
Investment Managers' Fees:	\$ 10 AEA 506 005	¢ 0.000.000	0.000001
Fixed Income Managers	\$10,454,526,025	\$ 8,603,092	0.082291
Equity Managers	18,502,776,526	43,919,884	0.237369
Venture Capital Managers	2,603,295		0.000000
KKR Leveraged Buyouts	1,247,426,921	12,664,688	1.015265
Alternative Equity Managers (Limited Partnerships)	2,275,441,963	42,945,265	1.887337
Real Estate Managers	1,732,705,739	25,215,283	1.455255
Total Assets Under Management	\$34,215,480,469		
Other Investment Service Fees:			
Securities Lending Fees		47,004,774	
Investment Consultant Fees		1,675,660	
Commissions and Other Fees		31,227,569	
<b>Total Investment Service and Managers' Fees</b>		\$ 213,256,215	

## Schedule of Broker Commissions For the Fiscal Year Ended June 30, 2002

For the Fiscal Year Ended June 30, 2002			Commission
Broker's Name	Commission	Share / Par	per Share
Merrill Lynch, Pierce, Fenner & Smith, Inc.	\$ 2,841,330	\$ 1,343,489,063	\$ 0.00211
UBS Securities, Inc.	1,907,009	624,287,113	0.00305
Bear, Stearns & Co., Inc.	1,856,553	200,539,793	0.00926
Goldman, Sachs & Co.	1,561,895	274,549,462	0.00569
Deutsche Bank	1,536,518	701,394,461	0.00219
Salomon Smith Barney, Inc.	1,512,121	786,491,616	0.00192
Credit Suisse First Boston Corporation	1,483,195	549,988,490	0.00270
Morgan Stanley & Co., Incorporated	1,476,741	1,397,513,005	0.00106
Sanford C. Berstein & Co., Inc.	1,342,626	23,939,894	0.05608
Lehman Brothers, Inc.	1,221,997	135,315,774	0.00903
J.P. Morgan Securities, Inc.	1,162,109	528,405,938	0.00220
ABN AMRO Incorporated	707,769	55,781,262	0.01269
HSBC Securities, Inc.	625,964	1,287,043,058	0.00049
Brockhouse & Cooper Inc.	624,418	54,689,044	0.01142
Frank Russell Securities, Inc.	621,433	13,799,579	0.04503
Credit Lyonnais Securities	587,003	387,507,072	0.00151
Dresdner Kleinwort Benson North America, LLC	513,795	17,653,225	0.02910
Lynch Jones and Ryan	452,544	8,861,459	0.05107
SG Cowen Securities Corp.	434,360	371,650,400	0.00117
Instinet Corporation	422,546	30,473,699	0.01387

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

### **Investment Summary**

Type of Investment	Fair Value at June 30, 2002	Percent of Total Fair Value
Fixed Income		
US Government Securities	\$ 1,127,343,075	3.29%
US Agency Securities	2,668,318,459	7.80
Domestic Corporate Securities	2,810,741,107	8.21
Domestic Mutual Funds	1,006,484,302	2.94
International Government and Corporate Securities	720,806,195	2.11
Global Mutual Funds	613,893,999	1.79
Asset-Backed Securities and Annuity Contracts	1,505,206,972	4.40
Real Estate Mortgages	1,731,916	0.01
Total Fixed Income	10,454,526,025	30.55
Equity		
Domestic Stocks	5,306,594,949	15.51
Domestic Mutual Funds	7,227,989,646	21.13
International Stocks	3,490,881,531	10.20
Global Mutual Funds	2,477,310,400	7.24
Total Equity	18,502,776,526	54.08
Real Estate		
Real Estate	1,068,596,104	3.12
Limited Partnerships	631,185,763	1.84
Private Placements	32,923,872	0.10
Total Real Estate	1,732,705,739	5.06
Alternative Equity		
Limited Partnerships	2,275,441,963	6.65
Venture Capital	2,603,295	0.01
Leveraged Buyouts	1,247,426,921	3.65
Total Alternative Equity	3,525,472,179	10.31
Total Fair Value	\$ 34,215,480,469	<b>100.00</b> %

Space and cost restrictions make it impractical to print the entire investment portfolio in this report. A detailed portfolio listing is available for viewing at the PERS headquarters: 11410 SW 68th Parkway, Tigard, Oregon.

# **Actuarial Section**



PERS members can be found from offices to the wide-opened highways,

from the heart of cities to the farmlands.



December 10, 2002

Retirement Board Oregon Public Employees Retirement System

Dear Members of the Board:

We have performed an actuarial valuation of the Oregon Public Employees Retirement System as of December 31, 2001. In our opinion, the System is an actuarially sound system based on the current actuarial assumptions.

Actuarial valuations are normally performed every two years, as of the end of each odd-numbered year. A special interim valuation was performed as of December 31, 2000.

In preparing the valuation, we relied upon the financial and membership data furnished by the System. Although we did not audit this data, we compared the data for this and the prior valuation and tested for reasonableness. Based on these tests, we believe the data to be sufficiently accurate for the purposes of our calculations.

Milliman prepared the information presented in this Actuarial Section of the 2002 Comprehensive Annual Financial Report, including the following supporting tables, based on information in our 2001 actuarial valuation report:

Actuarial Assumptions and Methods Economic Assumptions Mortality Tables Rates of Retirement and Disability Rates of Other Terminations of Employment Future Salaries Unused Sick Leave Probability of Annuity Probability of Vesting Actuarial Cost Method Actuarial Value of Assets

Actuarial Schedules Schedule of Active Member Valuation Data Schedule of Retirees and Beneficiaries

Summary of Actuarial and Unfunded Actuarial Liabilities Solvency Test Recommended vs. Actual Contributions

In addition, we reviewed the Summary of Plan Provisions and prepared the Schedules of Funding Progress in the Financial Section of this report.

The Retirement Board has sole authority to determine the actuarial assumptions and methods used for the valuation of the System. The Board adopted all of the actuarial methods and assumptions used in the 2001 valuation.

The findings have been determined according to actuarial assumptions and methods that were chosen on the basis of recent experience of the System and of current expectations concerning future economic conditions. In our opinion, the assumptions used in the actuarial valuation are appropriate for purposes of the valuation, are internally consistent, and reflect reasonable expectations. The assumptions represent our best estimate of future conditions affecting the System. Nevertheless, the emerging costs of the System will vary from those presented in this report to the extent that actual experience differs from that projected by the assumptions.

The actuarial valuation was prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the applicable Standards of Practice adopted by the Actuarial Standards Board of the American Academy of Actuaries. In addition, the assumptions and methods used meet the parameters set for disclosures by Governmental Accounting Standards Board Statement No. 25.

The undersigned is an independent actuary, a Fellow of the Society of Actuaries, a Member of the American Academy of Actuaries, an Enrolled Actuary, and experienced in performing valuations for large public employee retirement systems.

In conclusion, the Oregon Public Employees Retirement System is an actuarially sound system based on the current actuarial assumptions.

Respectfully submitted,

Mark O. Johnson, F.S.A., M.A.A.A., E.A. Principal and Consulting Actuary

#### **Actuarial Assumptions and Methods**

### **1. Economic Assumptions**

a.	Consumer Price Inflation	3.25%	(Adopted 2001)
b.	Health Cost Inflation	Graded from 9% in 2003 to 5% in 2011	(Adopted 2001)
c.	Investment Return	8.0	(Adopted 1989)
d.	Interest on Tier One Accounts	8.5	(Adopted 1997)
e.	Wage Growth	4.25	(Adopted 1999)

## 2. Mortality Tables (Adopted 1995)

Class	Service Retirees *	<b>Contributing Members</b>
General Service Male Female	RP-2000, 18 month set-back 18 month set-back	75% of retiree table 60% of retiree table
Police and Fire Male Female	RP-2000, 12-month set-back 18-month set-back	40% of retiree table 40% of retiree table
School District Male Female	RP-2000 24-month set-back 36-month set-back	50% of retiree table 50% of retiree table
Judge Members Male Female	RP-2000 18-month set-back 18-month set-back	100% of retiree table 100% of retiree table
Disabled Members Male Female	Service retiree table set forward 36 months; minimum 2.5% Service retiree table set forward 24 months; mimimum 3.0%	N/A N/A
Surviving Beneficiaries Male Female	RP-2000 18-month set-back 18-month set-back	N/A N/A

### 3. Retirement (Adopted 1997)

Rates of retirement and disablement are illustrated in the following table.

	Sta General	ate Emplo Service	Police	School E	Employees		ision Emp Service	Police	
Attained <u>Age</u>	Male	Female	and Fire	Male	Female	Male	Female	and Fire	Judge Members
Duty Disable	ement								
32	.01%	.02%	.01%	.01%	.01%	.02%	.01%	.06%	.01%
42	.01	.02	.03	.02	.01	.02	.01	.06	.01
52	.03	.03	.09	.02	.01	.02	.02	.20	.03
Ordinary Dis	sablement								
32	.09%	.14%	.06%	.0%	.0%	.08%	.02%	.09%	.07%
42	.14	.21	.14	.13	.17	.12	.20	.22	.11
52	.28	.60	.23	.64	.45	.60	.65	.37	.21
Service Retin	rement - T	ier One **							
50	0%	0%	14%	0%	0%	0%	0%	12%	0%
55	10	5	12	15	9	5	5	25	-
58	14	11	12	20	15	15	8	25	-
60	12	10	15	20	19	10	10	25	-
62	40	30	35	60	40	55	30	70	-
65	65*	70*	100	50*	60*	75*	50*	100	100*
30 and Out	40	20	-	40	40	25	15	-	-

\* Members over 65 are assumed to retire within the following 10 years. All judges are assumed to retire at age 63 under Plan B.

\*\* Tier Two service retirement rates are reduced 33 percent for retirement from ages 55 through 59 for General Service members.

#### 4. Other Terminations of Employment (Adopted 2001)

A select period of five years is used in the withdrawal assumption. The rates of termination after five years of membership are illustrated in the following table:

	State	Employees			Subdivision Employees						
Gei	ieral Serv	vice	Police	School 1	Employees	General	Services	Police			
Attained			and					and	OF	ISU	Judge
 Age	Male	Female	Fire	Male	Female	Male	Female	Fire	Male	Female	Members
22	19%	14%	3%	18%	15%	7%	13%	4%	9%	17%	0%
32	8	8	3	5	6	4	7	3	5	9	-
42	4	5	2	2	3	3	5	2	4	6	-
52	3	3	-	2	2	2	3	-	2	4	-

#### 5. Future Salaries (Adopted 2001)

The total annual rates of salary increase include an assumed 4.0 percent per annum rate of increase in the general wage level of the membership plus increases due to promotions and longevity. The total rates of salary increase after five years of membership are illustrated in the following table:

	Sta	te Employ	ees	Subdiv	vision Emp	_		
			Police			Police		_
Atta	ined	General	and	School	General	and		Judge
Serv	vice	Service	Fire	Employees	Service	Fire	OHSU	Members
5		6.25%	6.50%	7.00%	6.25%	7.25%	5.50%	4.25%
10	0	5.25	5.30	6.00	5.35	5.65	4.65	4.25
1:	5	4.75	4.80	5.35	4.85	4.85	4.50	4.25
20	0	4.75	4.30	4.85	4.60	4.60	4.25	4.25

#### 6. Unused Sick Leave (Adopted 2001)

For members covered by this provision, unused sick leave increases the final average salary used to calculate the pension. These members are assumed to receive an increase in their pensions on account of such provision varying from 3.0 percent to 10.0 percent.

#### 7. Annuity (Adopted 2001)

The probability that retiring members will elect to receive an annuity based on their own contributions rather than a lump-sum distribution ranges from 75 to 80 percent.

#### 8. Vesting (Adopted 1999)

The following table illustrates the probability that vested terminating members will elect to receive a deferred benefit instead of withdrawing accumulated contributions.

	St	ate Employ	yees			Subdivision Employees				
	Genera	I Service		School	Employees	Genera	Service	Police		
Attained Age	Male	Female	and Fire	Male	Female	Male	Female	and Fire	Judge Members	
22	46%	46%	25%	63%	53%	44%	48%	31%	100%	
32	58	58	25	63	79	55	72	50	100	
42	75	75	50	75	79	72	78	56	100	
52	92	92	100	94	95	83	84	100	100	

#### 9. Actuarial Cost Method (Adopted 1999)

Accruing costs for all benefits are measured by the entry age actuarial cost method. The unfunded actuarial liability created by this method, including gains and losses, is amortized as a level percentage of salary over a period commencing on the valuation date and ending on December 31, 2027.

#### **10. Actuarial Value of Assets (Adopted 2000)**

The Actuarial Value of Assets is equal to the fair market value of assets on the valuation date, less a reserve equal to a pro rata portion of the investment gains (losses) over the four-year period ending on the valuation date. Investment gains (losses), effective from January 1, 2000, are recognized at the rate of 25.0 percent per year. The actuarial value of assets is limited to a 10.0 percent corridor above and below the fair market value.

#### **Actuarial Schedules**

## **Schedule of Active Member Valuation Data**

Valuation Date	Number	Annual Payroll in Thousands	Average Annual Pay	Annualized % Increase Average
12/31/1975	90,819	\$ 1,014,525	\$ 11,171	N/A%
12/31/1977	95,284	1,226,758	12,875	7.4
12/31/1979	101,094	1,488,032	14,719	6.9
12/31/1982	108,701	2,062,083	18,970	8.8
12/31/1985	110,768	2,428,308	21,922	4.9
12/31/1987	114,934	2,764,735	24,055	4.8
12/31/1989	121,495	3,199,442	26,334	4.6
12/31/1991	131,721	3,887,529	29,513	5.9
12/31/1993	137,513	4,466,797	32,483	4.9
12/31/1995	141,471	4,848,058	34,269	2.7
12/31/1997	143,194	5,161,562	36,045	2.6
12/31/1999	151,262	5,676,606	37,528	2.0
12/31/2000	156,869	6,195,862	39,497	5.2
12/31/2001	160,477	6,520,225	40,630	2.9 Old Basis
12/31/2001	160,477	6,253,965	38,971	New Basis *

## Schedule of Retirees and Beneficiaries\*

Valuation Date	Number	Annual Allowances in Thousands	% Increase in Annual Allowances**	Average Annual Allowances
12/31/1975	21,993	\$ 34,363	N/A%	\$ 1,562
12/31/1977	27,259	56,893	65.6	2,087
12/31/1979	30,713	71,482	26.6	2,327
12/31/1982	38,251	124,297	73.9	3,250
12/31/1985	45,394	201,989	62.5	4,450
12/31/1987	50,355	276,856	37.1	5,498
12/31/1989	54,486	344,771	24.5	6,328
12/31/1991	56,779	442,112	28.2	7,787
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

\*Information regarding the number of retirees and beneficiaries added to/ removed from the rolls was not used in the actuarial valuations and was not available in the records given to the actuary.

\*\*Since last valuation date.

\*\*\* Effective in 2001, the Annual Payroll excludes the member pick-up, if any.

#### Summary of Actuarial and Unfunded Actuarial Liabilities\*

(dollar amounts in millions)

Valuation Date	Aggregate Actuarial Liabilities	Valuation Assets	Assets as a % of Actuarial Liabilities	Unfunded Accrued Liabilities (UAL)	Annual Active Member Payroll	UAL as a % of Annual Active Member Payroll
12/31/1975	\$ 1,578.8	\$ 933.9	59%	\$ 644.9	\$ 1,014.5	64%
12/31/1977	2,193.9	1,395.9	64	798.0	1,226.6	65
12/31/1979	2,905.7	2,026.0	70	879.7	1,488.0	59
12/31/1982	4,822.8	3,991.7	83	828.1	2,062.1	40
12/31/1985	7,287.6	6,775.6	93	512.0	2,428.3	21
12/31/1987	9,290.5	8,408.7	91	881.8	2,764.7	32
12/31/1989	11,533.3	11,606.7	101	(73.4)	3,199.4	(2)
12/31/1991	14,671.2	14,667.9	100	3.3	3,887.5	0
12/31/1993	19,001.3	17,552.0	92	1,449.3	4,466.8	32
12/31/1995	23,248.6	20,957.6	90	2,291.0	4,848.1	47
12/31/1997	31,664.9	29,108.2	92	2,556.7	5,161.6	50
12/31/1999	40,907.9	39,964.8	98	943.1	5,676.6	17
12/31/2000	43,350.5	41,804.6	96	1,545.9	6,195.9	25
12/31/2001	45,947.7	39,852.2	87	6,095.5	6,254.0	97

\*An extensive revision of the actuarial valuation assumptions occurs at each valuation. Therefore, the figures are not directly comparable.

#### **Solvency Test**

(dollar amounts in millions)

	(1)	(2)	(3)				
Valuation Date	Active Member Contributior	Retirees and s Beneficiaries	Other Members (Employer s Financed)*	Valuation Assets	Actua	Portion of arial Liabilit ered by Asse (2)	
Date	Contribution	is Denenciaries	s Financeu).	Assets	(1)	(2)	(3)
12/31/1975	\$ 346.1	\$ 352.6	\$ 880.1 \$	933.9	100%	100%	27%
12/31/1977	481.6	598.3	1,114.0	1,395.9	100	100	28
12/31/1979	695.2	740.8	1,469.7	2,026.0	100	100	40
12/31/1982	1,099.2	1,294.4	2,429.2	3,991.7	100	100	66
12/31/1985	1,760.5	2,202.1	3,325.0	6,775.6	100	100	85
12/31/1987	2,315.1	2,871.2	4,104.2	8,408.7	100	100	79
12/31/1989	3,182.0	3,551.7	4,799.6	11,606.7	100	100	102
12/31/1991	4,000.7	4,471.6	6,198.9	14,667.9	100	100	100
12/31/1993	4,853.4	6,239.3	7,908.6	17,552.0	100	100	82
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
* An autoncia	a married on of the	a actuarial value	tion accumption	a a a a uma at a a	ah valuation		

\*An extensive revision of the actuarial valuation assumptions occurs at each valuation. Therefore, the figures are not directly comparable.

#### **Recommended vs. Actual Contributions**

Separate contribution rates are adopted by the Board for all state agencies and community colleges combined, all school districts combined, the state judiciary, and each individual political subdivision employer (465 subdivision employers on December 31, 2001). The rates adopted by the Board were those recommended by the actuary after each valuation and after legislative changes enacted subsequent to the valuations, except for the 2000 interim actuarial valuation which did not impact employer contribution rates.

#### **Plan Summary**

#### **Summary of Plan Provisions**

#### As of December 31, 2001

#### 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.

#### **Employee Contributions Mandatory**

## **Employment Categories**

All.

#### Amount of mandatory contributions

Employee contributions are at a fixed rate of 6 percent of salary except for some cases where another rate from an old law is still in effect. Judges contribute at the rate of 7 percent of salary. Some employers have elected to "pick-up" employee contributions.

#### **Unit Purchases**

#### Purpose

To allow police officers and firefighters to purchase, jointly with their employers, additional benefits payable between retirement and age 65.

#### Amount of employee contributions

That amount actuarially determined to be necessary to provide half the additional benefits desired. Benefits are in units of \$10 per month. A total of eight units may be purchased providing \$80 per month at age 60.

#### Matching feature

Each unit purchased by the member is matched by an equal benefit from the employer.

#### **Employer Contribution**

#### To provide for benefits earned by prior service

As necessary to pay for such benefits amortized over a 26-year period beginning January 1, 2002, and ending on December 31, 2027.

#### To provide for benefits earned by current service

Normal costs plus amounts as necessary to pay for the excess of the value of such benefits over the sum of the present value of future normal costs plus the assets available to provide benefits amortized over a 26-year period beginning January 1, 2002, and ending on December 31, 2027.

#### **Prior Service Credit**

#### State and school district employees prior to formation of System

Service prior to July 1946, but not to exceed 20 years.

#### Other employees prior to employer joining System

Service prior to the date on which the employer commenced participation in the System, as determined by formula agreed upon by the Board of the System and the governing body of the public employer.

#### **Normal Retirement Allowance**

#### **Eligibility**

Police officers and firefighters Age 55 Judges Age 65 Others Age 58

#### Amount of monthly retirement allowance: full formula

#### The sum of:

- a. A current service life pension equal to final average monthly salary times years of service times a percentage factor (see table on next page ), plus
- b. A prior service life pension of \$4 (\$6 for employees retired before April 8, 1953) times years of prior service.

		Percer Fac	0	Limitation on Years of Membership
		New	Old	Service*
Police Officers, Firefighters, and Legislators		2.00%	1.35%	None
Judges**	Plan A	2.8125	1.67	16-year limit on new percentage factor. Old
	Plan B	3.75	2.00	factor used for service after 16 years.
Others		1.67	1.00	None
an amount	equal to th	e employer	plus employe	ership service and agrees to pay e contribution that would onth waiting period.
	, the maxin , and 75% f		payable is 65	% of final average salary

#### Minimum monthly retirement allowance

\$100 for an employee with at least 15 years of creditable service. This is actuarially reduced if retirement occurs prior to age 65. Benefits under the former judges' system are grandfathered for those who retire after age 70 with at least 12 years of service.

#### Formula plus annuity

For members making contributions prior to August 21, 1981, the benefit will not be less than the sum of:

- a. An annuity actuarially equivalent to the employee's accumulated contributions with interest, plus
- b. A current service life pension equal to final average monthly salary times years of service times a percentage factor (see table above under "Old") but at least equal to the annuity.

#### Money match

In no case will the current service allowance be less than:

a. An annuity actuarially equivalent to the employee's accumulated contributions with interest, plus

b. A matching amount from the employer.

#### **Early Retirement Allowance**

#### **Eligibility**

Police officers and firefighters

Age 50 or 25 years of service

Judges

Age 60

Others Age 55 or 30 years of service

#### Amount of Benefit

Police officers and firefighters

Normal retirement allowance, actuarially reduced if retirement occurs prior to age 55 or 25 years of service. Judges

Normal retirement allowance, actuarially reduced from age 65 for Plan A judges.

Others

Normal retirement allowance, actuarially reduced if retirement occurs prior to age 58 or 30 years of service.

#### **Optional Forms of Benefit Payment**

#### **Options** available

1. Lifetime annuity

- 2. Cash refund annuity
- 3. Lifetime annuity guaranteed 15 years

- 4. Joint and 100 percent survivor contingent annuity, with or without pop-up feature.
- 5. Joint and 50 percent survivor contingent annuity, with or without pop-up feature.
- 6. Lump sum of employee contributions and interest plus life pension (under any form) for current service under old law and prior service pension.

#### Amount of benefit

All options are actuarially equivalent.

#### Special judges' provision

The normal form is a joint and two-thirds survivor contingent benefit for a married judge and a cash refund annuity for an unmarried judge.

#### **Death Benefit Prior to Retirement**

#### **Eligibility**

Judges

Six or more years of service

Others

All members

#### Amount of benefit

Judges

1. The spouse shall receive a life pension equal to two-thirds of the service allowance.

2. The beneficiary of an unmarried judge shall receive the member's accumulated contributions with interest. Others

1. If death occurs while the member is an employee of a participating employer or within 120 days of termination if the employee does not withdraw the account balance or retire or if death results from injury received while in the service of a participating employer, the benefit is the member's accumulated contributions with interest plus an equal amount from employer contributions.

2. If death occurs more than 120 days after termination, the benefit is the member's accumulated contributions with interest.

#### **Survivor Benefit After Retirement**

#### Amount of benefit

Continuation of payments in accordance with the optional form of retirement allowance, if such election was made.

#### **Additional Death Benefits For Police Officers And Firefighters**

#### **Eligibility**

Spouse or dependent children under age 18 of deceased police officer or firefighter whose death occurred after retirement for service or disability.

#### Amount of benefit

Twenty-five percent of the unmodified retirement allowance that the police officer or firefighter was entitled to at the time of death.

#### **Disability Benefits: Duty-Related**

#### **Eligibility**

Disablement occurring as a direct result of a job-incurred injury or illness, regardless of length of service.

#### Amount of benefit

The sum of:

a. The current service pension the employee would be entitled to at age 58 (age 55 if police officer or firefighter; age 65 if a judge) or age at disablement, if greater, plus

b. The same prior service pension the employee would be entitled to at normal retirement date.

#### Police officers' and firefighters' alternatives

In lieu of the above, police officers and firefighters may elect to receive a benefit of 50 percent of final average salary at the time of disablement.

#### Minimum monthly retirement allowance

Judges

45 percent of final average salary

Others

\$100. This is actuarially reduced if an optional form of benefits is chosen.

#### **Reduction of benefits**

Whenever a disabled employee's disability benefit and earned income for any month exceed the monthly salary received at the time of disablement, the disability benefit will be reduced by the excess, but the combined income shall not be reduced to less than \$400 per month.

#### **Disability Benefits: Non-Duty Related**

#### Eligibility

Disablement occurring after ten years of service (six years, if a judge), but prior to normal retirement age.

#### Amount of benefit

Same as duty-related disability benefits, but with no police officers' and firefighters' alternative benefit.

#### Withdrawal of Benefits

#### Form of benefit

Payment of accumulated employee contributions with interest. Judges must have completed at least five years of service; otherwise, contributions are forfeited.

#### **Vested Benefits**

#### **Eligibility**

Contributions made in five calendar years without withdrawal of contributions.

#### Form of benefit

A deferred retirement allowance with payments starting on or after the employee's earliest retirement date. During the deferral period, the vested employee is, in some instances, eligible for death and disability benefits.

#### Amount of benefit

Service retirement allowance, actuarially reduced to the age at which benefits start.

Alternative

In lieu of all other benefits, and prior to voluntary retirement age, a member may receive a payment of accumulated contributions with interest.

#### **Postemployment Adjustments**

#### **Benefits** affected

Applicable pension and annuity benefits except unit purchases.

#### **Provisions**

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, U.S. Department of Labor.

The maximum adjustment to be made for any year is 2.0 percent of the previous year's benefit. Any CPI change in excess of 2.0 percent is accumulated for future benefit adjustments which would otherwise be less than 2.0 percent. No benefit will be decreased below its original amount. In addition, the legislature periodically has granted *ad hoc* increases.

In addition to the provisions described above, all members are eligible for a benefit adjustment equal to the greater of (a) (below) or (b) (next page):

(a) Senate Bill 656

For all benefits, except the return of member contributions, an adjustment equal to the following percentage:

Ber	nefit Increase	е
		Police
Years of	General	and
Service	Service	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+	4.0	4.0

- (b) House Bill 3349 For all benefits, an adjustment equal to the following multiplier:
  - 1 1 - maximum Oregon personal income tax rate

x creditable service prior to October 1, 1991 All creditable services

#### Variable Annuity Program

#### Employee contributions

An employee may elect to have 25, 50, or 75 percent of his or her contributions placed into the Variable Annuity Account.

#### Investment of contributions to Variable Annuity Account

Money in the Variable Annuity Account may be invested by the Oregon Investment Council in any investment authorized for the System, but is to be directed primarily to equity investments.

#### Benefits purchased from Variable Annuity Account funds at retirement

At retirement an employee may elect to receive a variable annuity with the funds accumulated in his or her variable account.

The variable annuity portion of the benefit is thus increased or decreased annually to reflect investment gains and losses of the variable annuity portfolio.

Alternatively, the employee may elect to have all variable funds in his or her account transferred to the regular fund and receive an annuity from the System as though no variable annuity program existed. The benefit is increased or decreased to reflect the value of the Variable Annuity Account at retirement. No subsequent changes after retirement are made.

#### **Retiree Healthcare: Medicare Supplement**

#### **Eligibility**

A member is eligible for a Retirement Health Insurance Account contribution if all of the following are met:

- 1. Currently receiving a retirement benefit or allowance from the System,
- 2. Accrued eight years of creditable service before retirement,
- 3. Enrolled in a PERS-sponsored health plan, and
- 4. Enrolled in both Medicare Part A and Part B.

#### Benefit

A monthly contribution of up to \$60 per retiree is applied to PERS-sponsored Medicare supplemental insurance costs.

#### **Retiree Healthcare: Under Age 65**

#### Eligibility

Retired state employees.

#### **Benefit**

A monthly subsidy based on the average difference between the health insurance premiums paid by retired state employees in a PERS-sponsored plan and those paid by active state employees in a state-sponsored plan. The difference is attributable to grouping retired state employees separately from active state employees.

The average difference is the maximum subsidy allowed and is recalculated every year. The scheduled subsidy as a percentage of the maximum subsidy is shown to the right.

#### **Analysis of Financial Experience**

An analysis of the gains and losses has not been performed in conjunction with the valuations. The figures for this statement are, therefore, not available. However, an extensive review of all actuarial assumptions is required to be performed at each actuarial valuation.

#### **Independent Actuarial Review Opinion**

The firm of Milliman USA is retained as an independent actuarial consultant by the System. All of the information presented in this section of the report has been prepared by Milliman USA.

	Years of Service	Subsidized Amount
s e e	Under 8 8 - 9 10 - 14 15 - 19 20 - 24 25 - 29 30+	0% 50 60 70 80 90 100

## **Statistical Section**



Police and firefighters make up a significant part of PERS membership, working around the clock to ensure the safety and well being of Oregonians.

## **Revenues by Source**

For the Years Ended June 30:

**Defined Benefit Pension Plan** 

Fiscal Year			Contributions Percent of Annual Covered Payroll	 Contributions from Other Sources		Net Investment nd Other Incom	Total		
1993	\$ 262,194,758	\$ 410,1	13,194	10.09%	\$ 14,339,140	\$	1,761,305,431	\$	2,447,952,523
1994	264,495,474	396,0	09,324	9.24	17,864,885		878,353,382		1,556,723,065
1995	277,590,846	416,2	83,061	9.32	15,335,870		2,427,244,219		3,136,453,996
1996	289,734,738	415,7	04,528	8.40	16,754,883		3,970,105,115		4,692,299,264
1997	303,723,333	433,2	89,222	8.83	17,111,261		4,827,330,145		5,581,453,961
1998	322,378,126	455,5	31,987	8.86	17,957,112		4,861,851,105		5,657,718,330
1999	338,859,319	473,0	96,323	8.97	17,502,513		3,491,728,315		4,321,186,470
2000	348,244,045	1,022,6	50,598*	17.53	19,121,874		6,680,242,927		8,070,259,444
2001	370,165,609	639,0	10,754	10.80	20,278,204		(3,465,913,890)		(2,436,459,323)
2002	391,542,211	989,0	78,917*	15.56	20,939,073		(2,422,055,208)		(1,020,495,007)

#### **Postemployment Healthcare Plan**

Fiscal Year	Member Contributions**		Employer Dollars		<u>Contributions</u> Percent of Annual Covered Payroll	Contributions from Other Sources		-	let Investment d Other Income	Total	
1993	\$	N/A	\$	20,964,059	0.52%	\$	N/A	\$	(643,172) \$	20,320,887	
1994		N/A		21,485,927	0.50		N/A		(962,206)	20,523,721	
1995		N/A		22,663,321	0.51		N/A		(824,523)	21,838,798	
1996		N/A		29,903,612	0.60		N/A		(721,711)	29,181,901	
1997		N/A		28,489,876	0.58		N/A		559,558	29,049,434	
1998		N/A		36,425,398	0.71		N/A		(216,554)	36,208,844	
1999		N/A		37,282,630	0.71		N/A		855,465	38,138,095	
2000	3	6,870,774		41,242,733	0.71		N/A		9,845,657	87,959,164	
2001	4	5,492,117		43,472,869	0.74		N/A		(2,524,623)	86,440,363	
2002	5	2,273,896		41,578,731	0.65		N/A		(3,543,720)	90,308,907	

#### **Deferred Compensation Plan**\*\*\*

				Employ	ver Contributions							
Fiscal Year		Member Contributions		Dollars	Percent of Annual Covered Payroll	Contributions from Other Sources			Net Investment and Other Income		Total	
1000	¢	51 701 00/	¢	DT/A	N1 A 67	¢	<b>NT/A</b>	¢	(2.151.220	¢	112.022.200	
1998	\$	51,781,886	\$	N/A	N/A%	\$	N/A	\$	62,151,320	\$	113,933,206	
1999		34,550,787		N/A	N/A		N/A		59,157,120		93,707,907	
2000		41,512,686		N/A	N/A		N/A		69,840,556		111,353,242	
2001		43,512,667		N/A	N/A		N/A		(61,887,870)		(18,375,203)	
2002		47,472,963		N/A	N/A		N/A		(41,865,658)		5,607,305	

\*Employer contributions for fiscal year 2000 and 2002 include employer prepayments of unfunded liabilities.

\*\*Standard Retiree Health Insurance account activity was added to the System July 1, 1999.

\*\*\*Deferred Compensation became an Expendable Trust Fund in July 1997, and information prior to 1998 is not available.

## **Expenses by Type**

#### For the Years Ended June 30:

#### **Defined Benefit Pension Plan**

Fiscal Year	Benefits	Administrative Expenses	Refunds	Total		
1993	\$ 552.277.075	\$ 8.761.084	\$ 32.686.623	\$ 593,724,782		
1994	603.324.622	10.237.720	33,479,349	647.041.691		
1995	709,539,161	10,320,028	37,249,150	757,108,339		
1996	760,759,150	11,867,713	51,914,136	824,540,999		
1997	882,187,884	13,227,283	52,542,067	947,957,234		
1998	1,574,494,076	15,183,982	56,893,468	1,646,571,526		
1999	1,343,217,654	15,666,811	50,530,792	1,409,415,257		
2000	1,442,314,231	18,568,579	51,726,463	1,512,609,273		
2001	1,578,497,193	25,374,819	46,243,701	1,650,115,713		
2002	1,688,072,888	17,456,752	46,086,912	1,751,616,552		

#### **Postemployment Healthcare Plan**

Fiscal		A	dministrative				
Year	Benefits		Expenses		Refunds		Total
1993	\$ 18,950,119	\$	1,294,208	\$	N/A	\$	20,244,327
1994	20,227,065		1,376,109		N/A		21,603,174
1995	20,692,001		1,329,042		N/A		22,021,043
1996	21,144,177		1,371,756		N/A		22,515,933
1997	21,726,518		1,449,323		N/A		23,175,841
1998	22,437,919		1,422,420		N/A		23,860,339
1999	23,090,627		1,789,977		N/A		24,880,604
2000	59,448,485*		2,112,148		N/A		61,560,633
2001	64,018,157		2,209,878		N/A		66,228,035
2002	74,158,532		2,225,181		N/A		76,383,713

#### **Deferred Compensation Plan \*\***

Fiscal Year		Benefits		Administrative Expenses		Refunds		Total	
1998 1999 2000 2001 2002	\$	36,226,625 14,045,802 26,484,319 28,387,233 41,149,643	\$	546,537 475,878 607,203 589,512 685,523	\$	N/A N/A N/A N/A N/A	\$	36,773,162 14,521,680 27,091,522 28,976,745 41,835,166	

\*Standard Retiree Health Insurance account activity was added to the System July 1, 1999.

\*\*Deferred Compensation became an Expendable Trust Fund in July 1997, and information prior to 1998 is not available.

## **Revenues by Source**

#### For the Years Ended December 31\*:

#### **Defined Benefit Pension Plan**

		Employer	Contributions				
Calendar Year	Member Contributions	Dollars	Percent of Annual Covered Payroll	Contributions from Other Sources		Net Investment and Other Income	Total
1992	\$ 246,695,129	\$ 409,129,080	10.34%	\$	14,116,142	\$ 1,491,230,876 \$	2,161,171,227
1993	256,388,041	399,671,570	9.48		16,911,600	2,170,354,673	2,843,325,884
1994	271,256,815	402,789,786	9.23		16,425,716	(14,042,420)	676,429,897
1995	285,912,537	401,403,529	8.28		16,450,744	4,110,617,339	4,814,384,149
1996	296,417,998	432,112,090	8.95		17,132,464	4,358,354,523	5,104,017,075
1997	291,120,161	440,001,230	8.81		17,361,420	4,582,430,090	5,330,912,901
1998	318,434,441	452,088,742	8.72		18,625,828	3,976,901,225	4,766,050,236
1999	347,053,753	981,343,197**	* 17.70		18,671,028	7,455,428,861	8,802,496,839
2000	358,532,128	617,392,002	10.52		20,251,776	140,492,280	1,136,668,186
2001	385,221,900	715,640,552	11.52		20,591,587	(2,704,326,428)	(1,582,872,389)

#### **Postemployment Healthcare Plan**

Calendar Year	Member*** Contributions		Employe Dollars	r Contributions Percent of Annual Covered Payroll	Contributions from Other Sources		 let Investment d Other Income	Total	
1992	\$	N/A	\$	22,039,211	0.56%	\$	N/A	\$ (721,391) \$	21,317,820
1993		N/A		21,368,081	0.51		N/A	(812,648)	20,555,433
1994		N/A		21,749,553	0.50		N/A	(880,189)	20,869,364
1995		N/A		25,772,074	0.53		N/A	(811,528)	24,960,546
1996		N/A		30,396,820	0.63		N/A	(581,094)	29,815,726
1997		N/A		32,910,294	0.66		N/A	(460,449)	32,449,845
1998		N/A		35,950,477	0.69		N/A	882,186	36,832,663
1999		N/A		39,120,067	0.71		N/A	7,073,415	46,193,482
2000	4	1,997,999		42,183,758	0.72		N/A	2,137,657	86,319,414
2001	4	6,694,469		43,083,579	0.69		N/A	(3,444,763)	86,333,285

#### **Deferred Compensation Plan** \*\*\*\*

			]	Employer Contribution	15				
Calendar Year	C	Member Contributions	Dollars	Percent of Annual Covered Payroll	~~~	ntributions from Other Sources	-	Net Investment nd Other Income	Total
1998 1999	\$	40,915,041 40,900,068	\$ N/A N/A	N/A% N/A	\$	N/A N/A	\$	57,926,233 \$ 96,754,765	98,841,274 137,654,833
2000 2001		48,984,327 42,815,469	N/A N/A	N/A N/A N/A		N/A N/A N/A		(18,990,331) (44,610,460)	29,993,996 (1,794,991)

\*Calendar year-end information is provided because earnings are distributed as of December 31.

\*\*Employer contributions for calendar year 1999 include employer prepayments of unfunded liabilities.

\*\*\*Standard Retiree Health Insurance account activity was added to the System July 1, 1999.

\*\*\*\*Deferred Compensation became an Expendable Trust Fund in July 1997, and information prior to 1998 is not available.

## **Expenses by Type** For the Years Ended December 31\*: Defined Benefit Pension Plan

Calendar		Administrative		
Year	Benefits	Expenses	Refunds	Total
1992	\$ 499,275,811	\$ 8,814,689	\$ 27,167,342	\$ 535,257,842
1993	591,860,846	9,201,128	28,943,900	630,005,874
1994	653,521,434	10,070,508	37,659,540	701,251,482
1995	740,128,144	11,573,568	42,292,938	793,994,650
1996	802,862,785	12,026,101	43,850,630	858,739,516
1997	1,292,499,686	13,377,687	56,034,638	1,361,912,011
1998	1,308,791,798	15,991,040	58,616,445	1,383,399,283
1999	1,423,239,307	17,636,439	47,338,113	1,488,213,859
2000	1,529,826,160	22,240,490	48,558,962	1,600,625,612
2001	1,647,429,438	20,934,512	42,537,159	1,710,901,109

#### **Postemployment Healthcare Plan**

Calendar Year		Benefits	A	Administrative Expenses		Refunds		Total
1000	¢	15 597 297	¢	1.1.((	¢	27/4	¢.	10.052 (00
1992	\$	17,786,306	\$	1,166,374	\$	N/A	\$	18,952,680
1993		19,691,660		1,357,073		N/A		21,048,733
1994		20,560,342		1,228,793		N/A		21,789,135
1995		20,934,989		1,437,917		N/A		22,372,906
1996		21,415,108		1,410,077		N/A		22,825,185
1997		22,056,428		1,477,442		N/A		23,533,870
1998		22,794,955		2,110,411		N/A		24,905,366
1999		39,616,270		1,885,042		N/A		41,501,312
2000		60,920,905**		2,148,202		N/A		63,069,107
2001		69,921,725		2,224,045		N/A		72,145,770

#### **Deferred Compensation Plan** \*\*\*

Calendar Year	Benefits	Administrative Expenses		Refunds	Total	
1998 1999 2000 2001	\$ 22,421,987 25,252,693 34,886,565 29,114,174	\$	546,997 568,686 619,774 660,738	\$ N/A N/A N/A N/A	\$ 22,968,984 25,821,379 35,506,339 29,774,912	

\*Calendar year-end information is provided because earnings are distributed as of December 31.

\*\*Standard Retiree Health Insurance account activity was added to the System July 1, 1999.

\*\*\*Deferred Compensation became an Expendable Trust Fund in July 1997, and information prior to 1998 is not available.

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

		Disability Benefits								
Fiscal Year	Service Benefits	Duty	Non-Duty	Death Benefits	Refunds	Total				
1993	\$ 517,136,538	\$ 4,278,751	\$ 26,073,136	\$ 4,788,650	\$ 32,686,623	\$ 584,963,698				
1994	564,359,717	4,353,988	29,493,976	5,116,941	33,479,349	636,803,971				
1995	666,576,763	4,968,384	31,826,498	6,167,516	37,249,150	746,788,311				
1996	712,724,411	4,907,472	35,785,241	7,342,026	51,914,136	812,673,286				
1997	829,635,096	5,246,985	40,722,296	6,583,507	52,542,067	934,729,951				
1998	1,493,706,047	8,424,021	61,959,497	10,404,511	56,893,468	1,631,387,544				
1999	1,272,018,822	6,747,274	53,102,285	11,349,273	50,530,792	1,393,748,446				
2000	1,369,434,952	7,328,142	56,328,089	9,223,048	51,726,463	1,494,040,694				
2001	1,498,822,236	7,822,924	62,163,492	9,688,541	46,243,701	1,624,740,894				
2002	1,599,474,816	8,496,606	69,979,830	10,121,636	46,086,912	1,734,159,800				

## Schedule of Earnings and Distribution

## at December 31:

	Regular Tier One Account Earnings/(Loss) Available	Distr	ibution	Variable Account Earnings/(Loss)
Year	for Distribution	Tier One	Tier Two*	Distributed
1992	6.9459%	8.00%		10.54%
1993	15.0423	12.00		12.65
1994	2.1625	8.00		(1.76)
1995	20.7829	12.50		29.92
1996	24.4204	21.00	24.42%	21.06
1997	20.4232	18.70	20.42	28.87
1998	15.4300	14.10	13.63	21.45
1999	24.8900	20.00	21.97	28.83
2000	0.6300	8.00	0.54	(3.24)
2001	(7.1700)	8.00	(6.66)	(11.19)

\*The law creating Tier Two became effective January 1, 1996.

## **Schedule of Average Benefit Payments**

Retirement Effective Dates July 1, 1992 to			Voors Cro	lited Service				
/	0 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31+	Total
June 30, 2002	0-5	0 - 10	11 - 15	10 - 20	21 - 25	20 - 30	31+	Total
1993 Average Monthly Benefit	\$ 156.59	\$ 424.09	\$ 783.99	\$1,297.48	\$ 1,992.60	\$ 2,694.84	\$ 3,277.00	\$ 1,723.55
Number of Active Retirees	242	306	433	456	529	610	414	2,990
1994 Average Monthly Benefit	\$ 164.56	\$ 420.57	\$ 785.24	\$1,247.11	\$ 1,926.70	\$ 2,767.87	3,187.79	\$ 1,672.85
Number of Active Retirees	292	367	459	569	638	671	431	3,427
1995 Average Monthly Benefit	\$ 179.83	\$ 414.69	\$ 793.87	\$1,240.31	\$ 1,973.39	\$ 2,736.49	\$ 3,233.35	\$ 1,775.47
Number of Active Retirees	367	502	556	807	838	1,018	756	4,844
1996 Average Monthly Benefit	\$ 162.94	\$ 397.48	\$ 813.14	\$1,229.43	\$ 1,861.07	\$ 2,625.97	\$ 3,150.34	\$ 1,483.09
Number of Active Retirees	360	420	422	559	487	659	251	3,158
1997 Average Monthly Benefit	\$ 208.07	\$ 440.22	\$ 876.83	\$1,348.48	\$ 2,141.71	\$ 2,932.69	\$ 3,335.01	\$ 1,710.40
Number of Active Retirees	440	476	445	668	715	782	378	3,904
1998 Average Monthly Benefit	\$ 253.59	\$ 565.60	\$ 998.16	\$1,533.13	\$ 2,389.10	\$ 3,315.59	\$ 3,912.17	\$ 2,166.95
Number of Active Retirees	513	849	901	1,528	1,612	2,087	921	8,411
1999 Average Monthly Benefit	\$ 307.24	\$ 633.93	\$1,133.87	\$1,696.30	\$ 2,576.04	\$ 3,531.89	\$ 4,123.92	\$ 2,199.88
Number of Active Retirees	415	603	734	917	942	1,334	438	5,383
2000 Average Monthly Benefit	\$ 275.25	\$ 657.25	\$1,062.76	\$1,693.96	\$ 2,579.60	\$ 3,572.62	\$ 4,262.13	\$ 2,036.26
Number of Active Retirees	466	594	568	650	718	953	252	4,201
2001 Average Monthly Benefit	\$ 349.08	\$ 627.74	\$1,129.27	\$1,739.02	\$ 2,648.46	\$ 3,703.72	\$ 4,104.95	\$ 2,059.27
Number of Active Retirees	537	559	608	649	760	937	246	4,296
2002 Average Monthly Benefit	\$ 512.04	\$ 769.72	\$1,114.69	\$1,801.54	\$ 2,672.98	\$ 3,934.02	\$ 4,633.03	\$ 2,446.92
Number of Active Retirees	309	477	621	614	921	1,123	340	4,405
Total								
<b>Average Monthly Benefit</b>	\$ 177.01	\$ 391.35	\$ 716.33	\$1,179.72	\$ 1,862.88	\$ 2,779.72	\$ 2,969.99	\$ 1,503.17
Number of Active Retirees	8,453	11,590	12,597	14,322	14,253	15,566	9,301	86,082

## Schedule of Benefit Recipients by Type of Benefit For the Year Ended June 30, 2002

Monthly	Number		Type of	Retirement	*			Annui	ty Options**		L	ump Sum Oj	otions**
Benefit Amount	of Retirees	1	2	3	4	Refund Annuity	1	2	3	4	1	2	3
\$ 1-100	6,262	5,454	4	0	804	997	838	752	181	81	2,259	1,009	144
101-200	6,075	5,020	39	19	997	1,233	1,181	959	398	131	1,251	702	221
201-300	5,226	4,318	59	82	767	1,265	1,113	879	383	121	841	465	159
301-400	4,581	3,694	78	155	654	1,158	1,102	828	387	99	570	314	123
401-500	4,157	3,377	72	192	516	1,065	1,019	752	371	105	459	282	104
501-600	3,777	3,159	24	157	437	923	989	734	372	106	357	203	94
601-700	3,476	2,902	19	176	379	864	931	673	434	92	264	159	59
701-800	3,122	2,606	20	184	312	772	811	619	383	84	242	150	62
801-900	2,831	2,338	16	184	293	667	770	573	357	71	217	118	59
901-1000	2,674	2,269	10	157	238	601	717	524	379	78	181	136	58
1001-1500	10,962	9,316	82	712	852	2,436	2,849	2,443	1,480	306	689	539	220
1501-2000	8,083	7,108	59	500	416	1,570	2,108	1,865	1,165	222	482	534	136
Over 2000	24,856	23,411	109	745	591	3,579	6,558	7,805	4,454	725	641	832	260
Totals	86.082	74,972	591	3,263	7,256	17,130	20,986	19,406	10.744	2.221	8,453	5,443	1.699

#### **\*Type of Retirement**

- 1 Normal
- 2 Duty Disability
- 3 Non-Duty Disability
- 4 Survivor Payment

#### \*\*Annuity and Lump Sum Options

1 - No benefit for beneficiary

2 - Beneficiary receives same monthly benefit for life

3 - Beneficiary receives half the monthly benefit for life

4 - 15-year certain

## **Retirement System Membership**

## at December 31:

	1975	1980	1985	1990	1995	2000
State Agencies	35,191	37,935	37,824	46,187	45,068	42,434
School Districts	44,400	46,150	47,590	48,144	55,734	63,133
Political Subdivisions	14,665	23,728	26,238	33,177	40,635	53,291
Inactive Members	10,354	14,128	15,920	23,225	32,033	44,830
Total Non-Retired	104,610	121,941	127,572	150,733	173,470	203,688
Retired Members	22,227	32,832	46,181	55,540	64,796	82,355
Total Membership	126,837	154,773	173,753	206,273	238,266	286,043
Administrative Expense Pension Roll (one month)	\$ 1,007,293 \$ 2,929,285	\$ 1,949,677 \$ 7,474,402	\$ 2,905,072 \$ 18,083,614	\$ 8,901,091 \$ 33,175,888	\$ 13,500,677 \$ 58,457,531	\$ 24,358,550 \$ 122,467,087

## **Retirement System Membership**

### at June 30:

	1997	1998	1999	2000	2001	2002
State Agencies	40,071	40,271	41,636	42,188	43,212	43,947
School Districts	60,004	59,578	62,303	63,944	65,962	67,124
Political Subdivisions	49,092	47,599	50,670	52,852	54,749	55,991
Inactive Members	35,944	37,946	39,702	42,937	46,460	48,725
Total Non-Retired	185,111	185,394	194,311	201,921	210,383	215,787
Retired Members						
and Beneficiaries	68,449	75,326	78,859	81,116	83,223	86,082
Total Membership	253,560	260,720	273,170	283,037	293,606	301,869
Administrative Expense*	\$ 14,676,606	\$ 16,606,402	\$ 17,456,788	\$ 20,680,727	\$ 27,584,697	\$ 19,681,933
Pension Roll (one month)	\$ 70,016,347	\$ 87,909,572	\$ 99,602,182	\$109,290,162	\$ 126,469,160	\$ 135,201,238

\*The administrative expense amount includes Defined Benefit Pension Plan and Postemployment Healthcare administrative expense.

#### Schedule of Participating Employers (861)

#### **State (125)**

Adult and Family Services Appraiser Certification and Licensure Board Board of Accountancy Board of Architect Examiners Board of Chiropractic Examiners Board of Engineering Examiners Board of Geologists Board of Investigators Board of Medical Examiners Board of Optometry Board of Psychologist Examiners Board of Tax Services Examiners Bureau of Labor and Industries Capitol Planning Commission Children's Trust Fund Commission for Women Commission on Asian Affairs Commission on Black Affairs Commission on Hispanic Affairs Commission on Judicial Fitness Construction Contractors Board Department of Administrative Services Department of Agriculture Department of Aviation Department of Consumer and Business Services Department of Corrections Department of Education Department of Education Contractors Department of Energy Department of Environmental Quality Department of Human Resources Department of Justice Department of Land Conservation and Development Department of Revenue Department of State Police Department of Transportation Department of Veterans' Affairs Dispute Resolution Commission District Attorneys Department Division of State Lands Eastern Oregon Psychiatric Center Eastern Oregon Training Center Economic Development Department Employment Department Employment Relations Board Fairview Training Center Forestry Department Geology and Mineral Industries Government Standards and Practices Commission Health Division Insurance Pool Governing Board Judicial Department Land Use Board of Appeals Landscape Architects Board Legislative Administration Committee Legislative Assembly Legislative Committees Legislative Fiscal Office Long Term Care Ombudsman Mental Health Division Military Department Office of Community College Services Office of the Governor Office of Legislative Counsel Office of the Public Defender Office of State Court Administrators

Oil Heat Commission Oregon Board of Licensed Professional Counselors and Therapists Oregon Beef Council Oregon Blueberry Commission Oregon Board of Massage Therapists 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 Disabilities Commission Oregon Dungeness Crab Commission Oregon Film and Video Oregon Forest Resources Institute Oregon Fryer Commission Oregon Hazelnut Commission Oregon Health Licensing Office Oregon Hop Commission Oregon Housing Agency Oregon Liquor Control Commission Oregon Potato Commission Oregon Racing Commission Oregon Resource and Technology Development Corp. Oregon Salmon Commission Oregon State Bar Oregon State Bar Professional Liability Fund Oregon State Fair and Expo Center Oregon State Hospital Oregon State Library Oregon Trawling Commission Oregon Watershed Enhancement Board Oregon Wheat Commission Oregon Youth Authority Physical Therapists Licensing Board 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 Senior and Disabled Services Division Services to Children and Families State Accident Insurance Fund State Board of Clinical Social Workers State Board of Higher Education State Board of Nursing State Board of Parole State Fair Operations State Lottery Commission State Marine Board State Parks and Recreation Department State Scholarship Commission State Treasury Department Teacher Standards and Practices Travel Information Council Vocational Rehabilitation Division Water Resources Department

#### **Political Subdivisions (492)**

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 Cemetery Maintenance District Athena, City of Aumsville, City of Aumsville RFD Aurora, City of Aurora RFPD Baker, City of Baker County Baker County Library District Baker Valley Irrigation District Bandon, City of Banks, City of 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 RFD 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 RFD Canyon City, Town of Canyonville, City of Carlton, City of Cascade Locks, City of Cave Junction, City of Center for Human Development Central Oregon Coast Fire and Rescue District Central Oregon Intergovernmental Council Central Oregon Irrigation District Central Oregon Park and Recreation District Central Oregon Regional Housing Authority Central Point, City of Charleston RFPD Chetco Community Public Library Board Chiloquin, City of Chiloquin-Agency Lake RFPD City/County Insurance Service Clackamas County Clackamas County Fair Clackamas County Fire District Clackamas County Vector Control District Clackamas River Water Clarkes RFPD 68 Clatskanie, City of Clatskanie Library District Clatskanie People's Utility District Clatskanie RFPD

Clatsop County Clatsop County 4-H and Extension Service District 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 PUD Community Services Consortium Condon, City of Coos Bay, City of Coos County Corbett Water District Cornelius, City of Corvallis, City of Cottage Grove, City of Crescent RFPD Creswell, City of Creswell RFPD Crook County 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 Fair Association Deschutes County RFPD 2 Deshutes Public Library District Deschutes Valley Water District Dexter RFPD Douglas County Douglas County RFPD Douglas County Soil and Water Drain, City of Drain RFD Dufur, City of Dundee. City of Dunes City, City of Durham, City of Eagle Point, City of East Fork Irrigation District 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 Evans Valley RFPD Fairview, City of Fairview Water District Falls City, City of Farmers Irrigation District Fern Ridge Community Library Florence, City of Fossil, City of Friends of Washington Park Zoo

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 Green Sanitary District Gresham, City of Halsey, City of Halsey-Shedd RFPD Happy Valley, City of Harbor Water PUD Harney County Harney District Hospital Harrisburg, City of Harrisburg RFPD 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 North Bend City Housing Authority of Portland Hubbard, City of Hubbard RFPD Huntington, City of Ice Fountain Water District Illinois Valley RFD Imbler, City of 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 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 Judges PERS Junction City, City of Keizer RFPD

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 Library 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 Fire District Lifeways 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 Lvons, 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 Marion Salem Data Center 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 Metro Area Communication Commission Mid-Columbia Center for Living Mid-Willamette Valley Senior Services Mill City, City of Millersburg, City of Millington RFPD Milton-Freewater, City of Milton-Freewater Cemetery Maintenance District 3 Milwaukie, City of Mist-Birkenfeld RFPD Mohawk Valley RFD Molalla, City of

Keizer, City of

Molalla RFPD 73 Monmouth, City of Monroe, City of Monroe RFPD Moro, City of Mt. Angel, City of Mt. Vernon, City of Mulino Water District 23 Multnomah County Multnomah County Drainage District 1 Multnomah County RFPD 10 Multnomah County RFPD 14 Myrtle Creek, City of Myrtle Point, City of Nehalem Bay Health District Nehelem Bay Wastewater Agency 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 of North Clackamas County Water Commission North Lincoln Fire & Rescue District 1 North Marion County 911 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 Nyssa, City of Nyssa Road Assessment District 2 Oak Lodge Sanitary District Oak Lodge Water District Oakland, City of Oakridge, City of Odell RFPD **Odell Sanitary District** Ontario, City of Oregon Advanced Technology Consortium Inc. 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 RFPD Phoenix, City of Pilot Rock, City of Pleasant Hill RFPD Polk County Polk County Fire District 1 Polk County Housing and Urban Renewal Agency Polk Soil and Water Conservation District Port of Astoria Port of Cascade Locks

Port of Coos Bay 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 Powell Valley Road Water District Powers, City of Prairie City, City of Prineville, City of Rainbow Water District Rainier, City of Rainier Cemetery 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 4-201 Rogue River Valley Irrigation District Roseburg, City of Roseburg Urban Sanitary Authority Rural Road Assessment District 3 Rural Road District Salem, City of Salem Housing Authority Salem Mass Transit Salem Metro Communications Agency Salmon Harbor and Douglas County Sandy, City of Sandy RFPD 72 Santa Clara RFPD Scappoose, City of Scappoose Public Library Scappoose RFPD Scio RFPD Seal Rock Water District Seal Rock RFPD Shady Cove, City of Sheridan, City of Sheridan Fire District Sherman County Sherwood, City of Silver Falls 911 Silver Falls Library District Silverton, City of Silverton RFPD 2 Sisters and Camp Sherman RFPD Sisters, City of Siuslaw Library District Siuslaw RFPD 1 South Fork Water Board South Suburban Sanitary District Southwest Polk County RFPD Southwest Lincoln County Water District Springfield, City of St. Helens, City of St. Helens RFPD

Stanfield, City of Stanfield Fire District 7-402 Stayton, City of Stayton RFPD Sublimity RFPD Suburban East Salem Water District Sunrise Water Authority Sutherlin, City of Sutherlin Water District Sweet Home, City of Sweet Home Cemetery Maintenance District Talent, City of Talent Irrigation District Tangent RFPD Tigard, City of Tillamook, City of Tillamook County 911 Tillamook County Soil and Water Tillamook Fire District Tillamook People's Utility District Tillamook Water Commission Toledo, City of Tri-City RFPD Tri-City Sanitary District Tri-City Water District Tri-Met 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 Umpqua Regional Council of Govt. Unified Sewerage Agency Union, City of 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 Slope Water District Western Lane Ambulance District Westfir, City of Weston, City of Weston Cemetery District Westport Sewer Service District Wheeler, City of Wickiup Water District Willamina, City of Willamina Fire District Wilsonville, City of

Winchester Bay Sanitary District Winston, City of Winston-Dillard RFPD 5 Winston-Dillard Water District Wood Village, City of Woodburn, City of Woodburn RFPD Workforce Development Board 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 (227)**

Armadillo Technical Institute Baker CSD 5J Baker CSD 16J Baker CSD 30 J Baker CSD 61 Benton CSD 1J Benton CSD 7J Benton CSD 17J Benton CSD 509J 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 Clatsop CSD 1C Clatsop CSD 8 Clatsop CSD 10 Clatsop CSD 30 Columbia CSD 1J Columbia CSD 4 Columbia CSD 6J Columbia CSD 13 Columbia CSD 47 J Columbia CSD 502 Coos CSD 8 Coos CSD 9 Coos CSD 13 Coos CSD 31 Coos CSD 41 Coos CSD 54 Crook CSD Curry CSD 1 Curry CSD 2CJ Curry CSD 17 Deschutes County ESD Deschutes CSD 1 Deschutes CSD 2J Deschutes CSD 6 Deschutes CSD 15C Detroit Lake Charter School 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 Douglas County ESD Gilliam CSD 3 Grant School District 3 Grant County ESD Grant CSD 4 Grant CSD 8 Grant CSD 16J Grant CSD 17

Harney ESD Region 17 Harney CSD 3 Harney CSD 4 Harney CSD 5 Harney CSD 7 Harney CSD 10 Harney CSD 13 Harney CSD 16 Harney CSD 28 Harney CSD 33 Harney CSD UH1J Hood River CSD 1 Jackson County ESD Jackson CSD 4 Jackson CSD 5 Jackson CSD 6 Jackson CSD 9 Jackson CSD 35 Jackson CSD 59 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 CSD UH2 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 Lincoln CSD Linn CSD 7 Linn CSD 9 Linn CSD 55 Linn CSD 95C Linn CSD 129J Linn CSD 552C Linn-Benton Lincoln ESD Linn-Benton School District 8J Lourdes 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 14CJ Marion CSD 15 Marion CSD 24J Marion CSD 29J Marion CSD 45 Marion CSD 91 Marion CSD 103C Morrow CSD 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 North Central ESD Northwest Regional ESD Pedee Charter School Polk CSD 2 Polk CSD 13J Polk CSD 21 Polk CSD 57 Ridgeline Montessori Charter School Rimrock Academy Charter School Sherman CSD South Coast ESD Region 7 The 21st Century Community Schoolhouse Three Rivers Charter School Tillamook CSD 9 Tillamook CSD 56 Tillamook CSD 101 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 8J Union CSD 11 Union CSD 15 Union CSD 23 Village School Wallowa County Region 18 ESD Wallowa CSD 6 Wallowa CSD 12 Wallowa CSD 21J Wallowa CSD 54 Wasco County ESD Wasco CSD 1

Wasco CSD 9

Wasco CSD 12 Wasco CSD 29 Washington CSD 1J Washington CSD 15 Washington CSD 13 Washington CSD 23J Washington CSD 48J Washington CSD 88J Washington CSD 511JT Wheeler CSD 1 Wheeler CSD 21 Wheeler CSD 55U Willamette ESD Willamette Valley Community School Yamhill County ESD Yamhill CSD 1 Yamhill CSD 4J Yamhill CSD 8 Yamhill CSD 29JT Yamhill CSD 30-44-63J Yamhill CSD 40 Yamhill CSD 48J

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