



Washington State

2006 ACTUARIAL VALUATION REPORT

OCTOBER 2007



Office of the State Actuary

"Securing tomorrow's pensions today."



Office of the State Actuary

"Securing tomorrow's pensions today."

The Office of the State Actuary
PO Box 40914
Olympia, Washington 98504-0914

Phone: 360.786.6140
TDD: 800.635.9993
Fax: 360.586.8135

2100 Evergreen Park Dr. SW
Suite 150

actuary.state@leg.wa.gov
<http://osa.leg.wa.gov>

Report prepared by:

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

Kelly Burkhart
Michael Harbour
Elizabeth Hyde
Dave Nelsen
Christi Steele

Troy Dempsey
Laura Harper
Chris Jaspersen
Darren Painter
Charlene Winner

Additional assistance provided by:

Department of Printing
Department of Retirement Systems
Office of the State Treasurer
Washington State Investment Board

To obtain a copy of this report in alternative format call
360.786.6140 or for TDD 800.635.9993

WASHINGTON STATE
2006 ACTUARIAL VALUATION

Table of Contents

Letter of Introduction.....	v
Section 1 - Summary of Key Results.....	1-8
Contribution Rates.....	3
Contribution Rate-Setting Cycle.....	4
Funding Policy.....	5
Comments on 2006 Results.....	6
Actuarial Liabilities.....	6
Assets.....	7
Funded Status.....	7
Participant Data.....	8
Key Assumptions.....	8
Section 2 - Actuarial Exhibits.....	9-30
Actuarial Certification.....	11
Contribution Rates.....	13
Actuarial Liabilities.....	17
Plan Assets.....	20
Funded Status.....	25
Actuarial Gains/Losses.....	26
Effect of Plan, Assumption, and Method Changes.....	28
Section 3 - Participant Data.....	31-38
Overview of System Membership.....	33
Summary of Plan Participants.....	36
Section 4 - Appendices.....	39-104
Actuarial Assumptions and Methods.....	41
Demographic Assumptions.....	44
Miscellaneous Assumptions/Methods.....	64
Summary of Plan Provisions.....	65
Age/Service Distributions.....	72
Age/Years Retired Distributions.....	85
Historical Data.....	96
Glossary.....	103



Office of the State Actuary

"Securing tomorrow's pensions today."

Report of the Combined Actuarial Valuation As of September 30, 2006 October 2007

As required under Chapter 41.45 RCW, this report documents the results of an actuarial valuation of the following Washington State retirement systems:

- ❖ Public Employees' Retirement System (PERS);
- ❖ Teachers' Retirement System (TRS);
- ❖ School Employees' Retirement System (SERS);
- ❖ Public Safety Employees' Retirement System (PSERS);
- ❖ Law Enforcement Officers' and Fire Fighters' Retirement System (LEOFF); and
- ❖ Washington State Patrol Retirement System (WSP).

The primary purpose of this valuation is to determine contribution requirements for the systems listed above for the plan year ending September 30, 2006. The report is organized in the following four sections:

- ❖ Summary of Key Results
- ❖ Actuarial Exhibits
- ❖ Participant Data
- ❖ Appendices

The Summary of Key Results section provides a high-level executive summary of the valuation results for all systems combined. The remaining sections of the report provide detailed actuarial asset and liability information for each system and plan separately. The Appendix provides a summary of the principal actuarial assumptions and methods, summary of the major plan provisions, age-service distributions, age-years retired distributions, historical data, and a glossary of actuarial terms used throughout this report.

We encourage you to submit any questions you might have concerning this report to our regular address or our e-mail address at actuary.state@leg.wa.gov. We also invite you to visit our website, at the address below, for further information regarding the actuarial funding of the Washington State retirement systems.

Sincerely,

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

PO Box 40914
Olympia, Washington, 98504-0914
<http://osa.leg.wa.gov>

Phone: 360.786.6140
Fax: 360.586.8135
TDD: 800.635.9993



Section 1

Summary of Key Results





Contribution Rates

Member and employer contribution rates determined from the actuarial valuation are expressed as a percentage of salary. The Legislature established a schedule of annual contribution rate increases that will be “phased-in” over the 2007-09 biennium. The first summary table below shows contribution rates before completion of the phase-in along with comparable rates from the previous valuation. The table that follows includes the adjustments required to complete the final year of the phase-in for the 2007-09 biennium. See the Actuarial Exhibits section of this report for the development of these rates.

Contribution Rates Before Completion of Phase-In				
	Plan 1		Plan 2/3	
	2006	2005	2006	2005
PERS				
Member*	6.00%	6.00%	4.62%	3.92%
Total Employer	7.72%	7.11%	7.72%	7.11%
TRS				
Member*	6.00%	6.00%	4.27%	3.41%
Total Employer	9.63%	9.19%	9.63%	9.19%
SERS				
Member*	N/A	N/A	4.20%	3.82%
Total Employer	N/A	N/A	8.08%	8.57%
PSERS				
Member	N/A	N/A	6.96%	N/A
Total Employer	N/A	N/A	9.96%	N/A
LEOFF				
Member	0.00%	0.00%	7.77%	8.10%
Employer	0.00%	0.00%	4.66%	4.86%
Total State	0.00%	0.00%	3.11%	3.24%
WSP				
Member	5.98%	6.70%	5.98%	6.70%
Employer (State)	7.30%	7.75%	7.30%	7.75%

*Plan 3 members do not contribute to the defined benefit plan.

Employer rates exclude administrative expense rate.

Contribution Rates - To Complete Phase-In			
	Member*	Total Employer**	Total State**
	2008-2009	2008-2009	2008-2009
PERS			
Valuation Rates	4.62%	7.72%	N/A
Required Phase-In	<u>0.91%</u>	<u>0.91%</u>	N/A
Rate After Phase-In	5.53%	8.63%	N/A
TRS			
Valuation Rates	4.27%	9.63%	N/A
Required Phase-In	<u>(0.02%)</u>	<u>(0.04%)</u>	N/A
Rate After Phase-In	4.25%	9.59%	N/A
SERS			
Valuation Rates	4.20%	8.08%	N/A
Required Phase-In	<u>0.49%</u>	<u>0.49%</u>	N/A
Rate After Phase-In	4.69%	8.57%	N/A
PSERS			
Valuation Rates	6.96%	9.96%	N/A
Required Phase-In	<u>0.00%</u>	<u>0.00%</u>	N/A
Rate After Phase-In	6.96%	9.96%	N/A
LEOFF			
Valuation Rates	7.77%	4.66%	3.11%
Required Phase-In	<u>0.15%</u>	<u>0.09%</u>	<u>0.06%</u>
Rate After Phase-In	7.92%	4.75%	3.17%
WSP			
Valuation Rates	5.98%	7.30%	N/A
Required Phase-In	<u>0.00%</u>	<u>0.00%</u>	N/A
Rate After Phase-In	5.98%	7.30%	N/A

*PERS 1 and TRS 1 members pay 6% of salary. No LEOFF 1 contributions are required when the plan is fully funded under current methods and assumptions. Plan 3 members do not contribute to the defined benefit plan.

**The state pays 20% of the total normal cost for LEOFF 2; the employer pays 30% of the total normal cost.

Contribution Rate-Setting Cycle

Under current Washington State law, in July of even-numbered years, the Pension Funding Council (PFC), created under RCW 41.45.100, reviews the basic contribution rates recommended by the State Actuary based on an actuarial valuation performed on asset, participant, and plan information compiled in odd numbered years. The PFC may adopt changes to economic assumptions and contribution rates by an affirmative vote of at least four members. The basic rates adopted by the PFC will remain in place for the ensuing biennium, subject to revision by the Legislature.

RCW 41.45.070 requires that a temporary and supplemental contribution rate increase be charged to fund the cost of benefit enhancements that are enacted following the adoption of the basic rates by the PFC. Supplemental contribution rates are included in the basic rates at the beginning of the next contribution rate-setting cycle.

Funding Policy

The funding policy of the Legislature is contained in Chapter 41.45 RCW-Actuarial Funding of State Retirement Systems. RCW 41.45.010 outlines the intent to achieve the following goals:

- To provide a dependable and systematic process for funding the benefits to members and retirees of the Washington State Retirement Systems.
- To continue to fully fund the retirement system Plans 2 and 3, and the Washington State Patrol Retirement System (WSPRS), as provided by law.
- To fully amortize the total cost of the Public Employees' Retirement System (PERS) Plan 1, the Teachers' Retirement System (TRS) Plan 1, and the Law Enforcement Officers' and Fire Fighters' (LEOFF) Plan 1, not later than June 30, 2024.
- To establish long-term employer contribution rates, which will remain a relatively predictable proportion of the future state budgets.
- To fund, to the extent feasible, benefit increases over the working lives of those members so that the cost of those benefits are paid by the taxpayers who receive the benefit of those members' service.

No member or employer/state contributions are required for LEOFF 1 when the plan has no unfunded actuarial liability. See RCW 41.26.080(2).

Although not codified in law as a policy, the Legislature has established an additional funding policy through consistent legislative practice over time:

- Employers are charged the same contribution rate, regardless of the plan in which employees hold membership (except for LEOFF).

Pension funding legislation was adopted during the 2005 legislative session (Chapter 370, Laws of 2005), which creates a short-term change in funding policy. The policy is to adopt annual contribution rates over a four-year "phase-in" period from 2005-09, to suspend payments on the Plan 1 Unfunded Actuarial Accrued Liability (UAAL) in PERS and TRS during the 2005-07 biennium, and to delay recognition of the cost of future gain-sharing benefits until the 2007-09 biennium. Plan 1 UAAL contributions resumed in 2007 and the Legislature repealed gain-sharing after the 2008 event (Chapter 491, Laws of 2007). Additionally, Chapter 56, Laws of 2006 provided for a phase-in of UAAL contribution rate increases for the period 2006-09.

The Legislature also provided for minimum contribution rates in Chapter 365, Laws of 2006. These rate floors are effective in the 2009-11 biennium and will be addressed in the 2007 valuation.

Comments on 2006 Results

Short-term actuarial gains or losses occur when actual economic and demographic experience differs from what was assumed in the valuation. Actuarial gains will reduce contribution rates; whereas, actuarial losses will increase contribution rates. Under a reasonable set of actuarial assumptions and methods, actuarial gains and losses will offset over long-term experience periods.

Significant changes in plan provisions or actuarial assumptions and methods will also have an impact on contribution rates. Significant factors that impacted the results of this valuation include the following:

- The actual rate of investment return for the plan year was above the assumed rate of 8 percent. Actual investment return on the market value of assets was 15.76 percent (time-weighted). The actual rate of investment return on the actuarial value of assets for the plan year was less than the assumed rate of 8 percent for TRS and PSERS (greater than assumed for PERS, SERS, LEOFF, and WSPRS).
- Gain-sharing was repealed by the Legislature for PERS, TRS, and SERS Plans 1 and 3 after the 2008 event. It was replaced with improved early retirement reduction factors for Plan 2 and 3 members with at least 30 years of service. Other benefit improvements implemented in the replacement of gain-sharing include plan 2/3 choice for new TRS and SERS members, and a permanent increase in the Uniform COLA for Plan 1 members.
- Projected impact of the 2008 gain-sharing distribution.
- New entrants continue to exert a modest upward adjustment on current contribution rates.
- A significant gain or loss can occur when actual salary experience is different from what is assumed. Overall salary increases for 2007 were less than assumed (except for WSPRS).

Please see the table, Actuarial Gains/Losses, in the Actuarial Exhibit section of this report for detailed gain and loss information by each individual system.

Actuarial Liabilities

A summary of key measures of actuarial liability is shown below along with comparable information from last year's valuation. See the Actuarial Exhibits section of this report for a summary of actuarial liability by each individual system and plan. See the Glossary for a brief explanation of the actuarial terms.

Actuarial Liabilities

<i>(Dollars in millions)</i>	2006	2005
All Systems		
Present Value of Fully Projected Benefits	\$63,277	\$60,697
Unfunded Actuarial Accrued Liability*	4,470	5,130
Present Value of Credited Projected Benefits	47,889	45,841
Valuation Interest Rate	8.00%	8.00%

*For PERS 1, TRS 1, and LEOFF 1.

Assets

The combined market value of assets and actuarial (or smoothed) value of assets are shown below along with approximate rates of investment return. See the Actuarial Exhibits section of this report for a summary of assets by each individual system and plan as well as the development of the actuarial value of assets.

Assets

<i>(Dollars in millions)</i>	2006	2005
All Systems		
Market Value of Assets	\$52,438	\$46,673
Actuarial Value of Assets	47,771	45,412
Contributions*	775	473
Disbursements	2,258	2,138
Investment Return	7,230	7,074
Other**	18	17
Rate of Return on Assets***	15.76%	17.53%

*Employee and Employer.

**Includes transfers, restorations, payables, etc.

***This is the time-weighted rate of return on the Market Value of Assets. Returns for 1993-2005 have been restated. The Actuarial Value of Assets is used in determining contribution rates.

Funded Status

Several key measures of the combined systems' funded status are displayed below. Assets from an individual qualified retirement plan may not be used to fund benefits from another plan. This table, therefore, is provided for summarization purposes only. See the Actuarial Exhibits section of this report for a summary of funded status by each individual system and plan.

The present value of credited projected benefits was calculated under the Projected Unit Credit (PUC) cost method and is consistent with governmental accounting standards for the disclosure of a plan's funded status. The PUC cost method was not used to determine contribution requirements under this valuation. Please see the Glossary for an explanation of PUC.

Funded Status		
<i>(Dollars in millions)</i>	2006	2005
All Systems		
a. Present Value of Credited Projected Benefits	\$47,889	\$45,841
b. Actuarial Value of Assets	47,771	45,412
c. Unfunded Liability (a-b)	118	429
d. Credited Projected Funded Ratio (b/a)	100%	99%

Note: Totals may not agree due to rounding.

Participant Data

Participant data used in the actuarial valuation for the plan year ending September 30, 2006, are summarized below along with comparable information from last year's valuation. See the Participant Data section of this report for participant data summarized by each individual system and plan.

Participant Data		
All Systems	2006	2005
Active Members		
Number	292,990	290,111
Total Salaries (in millions)	\$13,835	\$13,250
Average Annual Salary	\$47,219	\$45,671
Average Attained Age	46.0	45.9
Average Service	10.7	10.7
Retirees and Beneficiaries		
Number	120,970	117,576
Average Annual Benefit	\$18,439	\$17,818
Terminated Members		
Number Vested	40,969	35,774
Number "Non-Vested"	98,845	96,809

Key Assumptions

Key economic assumptions used in the actuarial valuation are displayed below. These assumptions were unchanged from the previous year's valuation. See the Appendix Actuarial Assumptions and Methods for a detailed listing of the actuarial assumptions used in this valuation.

Key Assumptions	
All Systems	
Valuation Interest Rate	8.00%
Salary Increase	4.50%
Inflation	3.50%
Growth in Membership*	1.25%

*0.90% in TRS.



Section 2

Actuarial Exhibits





Actuarial Certification

This report documents the results of an actuarial valuation of the retirement plans defined under Chapters 41.26, 41.32, 41.35, 41.37, 41.40, and 43.43 of the Revised Code of Washington. The primary purpose of this valuation is to determine contribution requirements for the systems listed above as of the valuation date September 30, 2006, and should not be used for other purposes.

The valuation results summarized in this report involve calculations that require assumptions about future economic and demographic events. I believe that the assumptions and methods used in the underlying valuation are reasonable and appropriate for the primary purpose stated above. The use of another set of assumptions and methods, however, could also be reasonable and could result in materially different results.

The assumptions used in the valuations for investment return, inflation, salary, and membership growth were prescribed by the Legislature in 2001. Demographic assumptions were developed from the 1995-2000 experience study performed by the Office of the State Actuary. The Legislature was responsible for the selection of the actuarial cost and asset valuation methods. In my opinion, all methods, assumptions, and calculations are reasonable and are in conformity with generally accepted actuarial principles and standards as of the date of this publication.

The Department of Retirement Systems provided member and beneficiary data. We have checked the data for reasonableness as appropriate based on the purpose of the valuation. The Washington State Investment Board, Department of Retirement Systems, and the State Treasurer provided financial and asset information. An audit of the financial and participant data was not performed. I have relied on all the information provided as complete and accurate. In my opinion, this information is adequate and substantially complete for purposes of this valuation.

The asset smoothing method adopted during the 2003 legislative session (Chapter 11, Laws of 2003, E1) was intended to address the volatility of contribution rates under the aggregate funding method when used in combination with the existing asset allocation policy. The combination of the current asset smoothing method with any other funding method or asset allocation policy may not be appropriate.

By law, the Unfunded Actuarial Accrued Liability (UAAL) in PERS and TRS Plans 1 must be amortized by June 30, 2024, as a level percentage of projected system payroll. The projected payroll includes pay from current active members of PERS, SERS, PSERS, and TRS Plans 2/3 as well as projected payroll growth from future new members. As a result of this amortization method, dollar contributions to the Plan 1 UAAL will increase steadily as the amortization date approaches and the bulk of the "principal" will be paid in the final two years of the amortization period. Under certain economic scenarios, the method may produce contribution requirements at the end of the amortization period that might be considered unreasonable when compared to the ability of the employers to pay and may call into question the ability of employers to retire the UAAL as scheduled.

Pension funding legislation was adopted during the 2005 legislative session (Chapter 370, Laws of 2005), which created a short-term change in funding policy. The policy was to

adopt annual contribution rates over a four-year "phase-in" period from 2005-09, to suspend payments on the Plan 1 UAAL in PERS and TRS during the 2005-07 biennium, and to delay recognition of the cost of future gain-sharing benefits until the 2007-09 biennium. The Legislature repealed future gain-sharing benefits after the scheduled distribution of January 1, 2008 (Chapter 401, Laws of 2007).

Additional changes in short-term funding policy adopted during the 2006 legislative session (Chapter 56, Laws of 2006) established phased-in contribution rates for the Plan 1 UAAL in PERS and TRS from 2006-09.

Future improvement in assumed mortality represents a material liability that has been excluded from the results of this valuation. The Pension Funding Council will review the projected mortality assumption change along with all other demographic assumptions during the next six-year experience study.

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



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

Contribution Rates

Member and Employer Rate Summary - Before Completion of Phase-In

	Plan 1		Plan 2/3	
	2006	2005	2006	2005
PERS				
Member*	6.00%	6.00%	4.62%	3.92%
Employer (Normal Cost)	4.72%	4.14%	4.72%	4.14%
Employer (Plan 1 UAAL)	3.00%	2.97%	3.00%	2.97%
Total Employer	7.72%	7.11%	7.72%	7.11%
TRS				
Member*	6.00%	6.00%	4.27%	3.41%
Employer (Normal Cost)	4.97%	4.82%	4.97%	4.82%
Employer (Plan 1 UAAL)	4.66%	4.37%	4.66%	4.37%
Total Employer	9.63%	9.19%	9.63%	9.19%
SERS				
Member*	N/A	N/A	4.20%	3.82%
Employer (Normal Cost)	N/A	N/A	5.08%	5.60%
Employer (PERS Plan 1 UAAL)	N/A	N/A	3.00%	2.97%
Total Employer	N/A	N/A	8.08%	8.57%
PSERS				
Member	N/A	N/A	6.96%	N/A
Employer (Normal Cost)	N/A	N/A	6.96%	N/A
Employer (PERS Plan 1 UAAL)	N/A	N/A	3.00%	N/A
Total Employer	N/A	N/A	9.96%	N/A
LEOFF				
Member	0.00%	0.00%	7.77%	8.10%
Employer	0.00%	0.00%	4.66%	4.86%
State (Normal Cost)	0.00%	0.00%	3.11%	3.24%
State (Plan 1 UAAL)	0.00%	0.00%	0.00%	0.00%
Total State	0.00%	0.00%	3.11%	3.24%
WSP				
Member	5.98%	6.70%	5.98%	6.70%
Employer (State)	7.30%	7.75%	7.30%	7.75%

*Plan 3 members do not contribute to the defined benefit plan.

Employer rates exclude administrative expense rate.

Development of 2006 Employer/State Rates - Before Completion of Phase-In

	PERS		TRS		SERS	PSERS	LEOFF		WSP
	Plan 1	Plan 2/3	Plan 1	Plan 2/3	Plan 2/3	Plan 2	Plan 1	Plan 2	
a. Total Normal Cost	10.72%	9.34%	10.97%	9.24%	9.28%	13.92%	0.00%	15.54%	13.28%
b. Member Normal Cost*	6.00%	4.62%	6.00%	4.27%	4.20%	6.96%	0.00%	7.77%	5.98%
c. Employer Contribution (a-b)	4.72%	4.72%	4.97%	4.97%	5.08%	6.96%	0.00%	7.77%	7.30%
d. Cost to Amortize UAAL	3.00%	3.00%	4.66%	4.66%	3.00%	3.00%	0.00%	0.00%	N/A
e. Total Employer Contribution Rate (c+d)**	7.72%	7.72%	9.63%	9.63%	8.08%	9.96%	0.00%	4.66%**	7.30%

*Plan 3 members do not contribute to the defined benefit plan.

**The state pays 20% of the total normal cost for LEOFF 2. This reduces the total employer contribution rate from 7.77% to 4.66%.

Development of Normal Cost Rates - Before Completion of Phase-In

<i>(Dollars in millions)</i>	PERS 2/3	TRS 2/3	SERS 2/3	PSERS 2	LEOFF 2	WSP
1. Calculation of Member Rate (Excludes Gain-Sharing)						
a. Actuarial Present Value of Fully Projected Benefits	\$18,280	\$6,360	\$2,477	\$169	\$5,991	\$848
b. Valuation Assets	13,529	4,835	1,934	1	3,844	743
c. Unfunded Fully Projected Benefits (a - b)	4,751	1,524	543	168	2,148	105
d. Employer Past Liability Responsibility ¹	0	82	0	N/A	N/A	10
e. Future Contribution Adjustment	0	0	0	0	0	0
f. Adjusted Unfunded (c - d - e)	\$4,751	\$1,442	\$543	\$168	\$2,148	\$94
Present Value of Projected Salaries to Current Members (PVS)						
g. Plan 1 PVS	N/A	N/A	N/A	N/A	N/A	\$662
h. Plan 2 PVS	54,168	3,641	3,798	1,209	13,900	121
i. Plan 3 PVS	10,515	34,222	6,569	N/A	N/A	N/A
j. Weighted PVS (2g + 2h + i)	\$118,851	\$41,503	\$14,165	\$2,418	\$27,800	\$1,567
k. Member Normal Cost (f / j)	4.00%	3.48%	3.83%	6.96%	7.73%	6.03%
l. Change In Plan Provisions (Laws of 2007)	0.62%	0.79%	0.37%	0.00%	0.04%	(0.05%)
m. Member Contribution Rate (k + l)	4.62%	4.27%	4.20%	6.96%	7.77%	5.98%
2. Calculation of Employer Rate (Includes Gain-Sharing)						
a. Present Value of Fully Projected Benefits (PVFB)	\$18,280	\$6,360	\$2,477	\$169	\$5,991	\$848
b. Present Value of Projected 2008 Gain-Sharing Event	66	173	91	N/A	N/A	N/A
c. Total PVFB (a + b)	18,346	6,533	2,568	169	5,991	848
d. Valuation Assets	13,529	4,835	1,934	1	3,844	743
e. Unfunded Benefits (c - d)	4,817	1,697	634	168	2,148	105
f. Present Value of Member Contributions	2,166	127	146	84	1,074	47
g. Employer Past Liability Responsibility ¹	0	82	0	N/A	N/A	10
h. Employer Responsibility (e - f - g)	\$2,651	\$1,489	\$488	\$84	\$1,074	\$47
Present Value of Projected Salaries to Current Members (PVS)						
i. Plan 1 PVS	N/A	N/A	N/A	N/A	N/A	662
j. Plan 2 PVS	54,168	3,641	3,798	1,209	13,900	121
k. Plan 3 PVS	10,515	34,222	6,569	N/A	N/A	N/A
l. Weighted PVS (i + j + k)	\$64,683	\$37,862	\$10,367	\$1,209	\$13,900	\$783
m. Employer Normal Cost (h / l)	4.10%	3.93%	4.71%	6.96%	7.73%	6.03%
n. Rate to Amortize Past Liability Balance ¹	0.00%	0.25%	0.00%	0.00%	0.00%	1.32%
o. Change In Plan Provisions (Laws of 2007)	0.62%	0.79%	0.37%	0.00%	0.04%	(0.05%)
p. Employer Contribution Rate (m + n + o)	4.72%	4.97%	5.08%	6.96%	7.77%	7.30%
q. Employee Contribution Rate (1m) ^{2,3,4}	4.62%	4.27%	4.20%	6.96%	7.77%	5.98%
r. Employer Contribution Rate (n + o) ^{3,4}	4.72%	4.97%	5.08%	6.96%	4.66%	7.30%
s. State Contribution Rate ³	N/A	N/A	N/A	N/A	3.11%	N/A
t. Total Contribution Rate (q + r + s)	9.34%	9.24%	9.28%	13.92%	15.54%	13.28%

Note: Totals may not agree due to rounding.

¹ TRS liability is attributable to a past gain-sharing event. WSP liability is attributable to Chapter 94, Laws of 2006.

² Plan 3 members do not contribute to the defined benefit plan.

³ LEOFF 2 rate: 50% Employee, 30% Employer, 20% State.

⁴ WSP employees pay 50% of the total normal cost, not to exceed an adjusted 7% cap. The employer pays the excess (if any).

Amortization of the Plan 1 Unfunded Actuarial Accrued Liability (UAAL) Before Completion of Phase-In			
<i>(Dollars in millions)</i>	PERS 1	TRS 1	LEOFF 1
a. Actuarial Present Value of Fully Projected Benefits (PVFB)	\$13,204	\$10,414	\$4,316
b. Present Value of Projected 2008 Gain-Sharing Event	\$362	\$305	N/A
c. Total PVFB (a + b)	\$13,565	\$10,720	\$4,316
d. Valuation Assets	\$9,591	\$8,275	\$5,018
e. Actuarial Present Value of Future Normal Costs	\$289	\$183	\$0
f. UAAL (c - d - e)	\$3,685	\$2,262	(\$702)
g. Expected UAAL Contributions to 2009	\$489	\$286	\$0
h. Remaining UAAL (f - g)	\$3,196	\$1,976	(\$702)
i. Amortization Date	6/30/24	6/30/24	6/30/24
j. Present Value of Projected Salaries beyond 2009	\$111,370	\$44,532	\$15,559
k. Preliminary Rate (h / j)*	2.87%	4.44%	(4.51%)
l. Change In Plan Provisions (Laws of 2007)	0.13%	0.22%	0.00%
m. Contribution Rate to Amortize the UAAL (k + l)*	3.00%	4.66%	(4.51%)

Note: Totals may not agree due to rounding.

**No LEOFF 1 UAAL contributions are required when the plan is fully funded under current methods and assumptions.*

Calculation of Normal Cost Rates - To Complete Phase-In*

	Member	Employer**	State**
	2008-2009	2008-2009	2008-2009
PERS			
Valuation Rates	4.62%	4.72%	N/A
Required Phase-In*	<u>0.91%</u>	<u>0.91%</u>	N/A
Rate After Phase-In*	5.53%	5.63%	N/A
TRS			
Valuation Rates	4.27%	4.97%	N/A
Required Phase-In*	<u>(0.02%)</u>	<u>(0.02%)</u>	N/A
Rate After Phase-In*	4.25%	4.95%	N/A
SERS			
Valuation Rates	4.20%	5.08%	N/A
Required Phase-In*	<u>0.49%</u>	<u>0.49%</u>	N/A
Rate After Phase-In*	4.69%	5.57%	N/A
PSERS			
Valuation Rates	6.96%	6.96%	N/A
Required Phase-In*	<u>0.00%</u>	<u>0.00%</u>	N/A
Rate After Phase-In*	6.96%	6.96%	N/A
LEOFF			
Valuation Rates	7.77%	4.66%	3.11%
Required Phase-In*	<u>0.15%</u>	<u>0.09%</u>	<u>0.06%</u>
Rate After Phase-In*	7.92%	4.75%	3.17%
WSP			
Valuation Rates	5.98%	7.30%	N/A
Required Phase-In*	<u>0.00%</u>	<u>0.00%</u>	N/A
Rate After Phase-In*	5.98%	7.30%	N/A

*Phase-in adjustments for PERS, TRS, and SERS were developed in the fiscal note for ESHB 1044 during the 2005 legislative session. LEOFF 2 phase-in adjustments were adopted by the LEOFF 2 Board December 9, 2004.

**The state pays 20% of the total normal cost for LEOFF 2; the employer pays 30% of the total normal cost.

Calculation of UAAL Rates - To Complete Phase-In*

	2008-2009
PERS	
Valuation Rates	3.00%
Required Phase-In*	<u>0.00%</u>
Rate After Phase-In*	3.00%
TRS	
Valuation Rates	4.66%
Required Phase-In*	<u>(0.02%)</u>
Rate After Phase-In*	4.64%
LEOFF	
Valuation Rates	(4.51%)
Required Phase-In*	<u>0.00%</u>
Rate After Phase-In*	<u>(4.51%)</u>

*Phase-in adjustments were developed in the fiscal note for ESSB 6896 during the 2006 legislative session.

No LEOFF 1 UAAL contributions are required when the plan is fully funded under current methods and assumptions.

Actuarial Liabilities

Present Value of Fully Projected Benefits

<i>(Dollars in millions)</i>	PERS			TRS		
	Plan 1	Plan 2/3	Total	Plan 1	Plan 2/3	Total
Active Members						
Retirement	\$3,631	\$14,665	\$18,296	\$2,542	\$5,465	\$8,007
Termination	19	507	525	10	151	161
Death	25	136	161	11	68	78
Disability	21	115	136	6	7	13
Return of Contributions on Termination	8	242	251	1	5	5
Return of Contributions on Death	27	145	172	13	11	25
Total Active	\$3,731	\$15,810	\$19,541	\$2,583	\$5,706	\$8,289
Inactive Members						
Terminated	\$243	\$1,017	\$1,260	\$163	\$329	\$492
Service Retired	8,608	1,322	9,930	7,276	308	7,584
Disability Retired	125	68	193	103	8	111
Survivors	497	63	560	290	8	298
Total Inactive	\$9,473	\$2,470	\$11,943	\$7,832	\$653	\$8,485
Laws of 2007	158	620	778	114	271	385
2006 Total	\$13,362	\$18,900	\$32,262	\$10,528	\$6,631	\$17,159
2005 Total	\$13,605	\$16,997	\$30,601	\$10,823	\$6,297	\$17,119

Note: Totals may not agree due to rounding.

Present Value of Fully Projected Benefits
(Continued)

(Dollars in millions)	SERS	PSERS	LEOFF			WSP
	Plan 2/3	Plan 2	Plan 1	Plan 2	Total	
Active Members						
Retirement	\$1,937	\$157	\$479	\$5,299	\$5,778	\$421
Termination	131	5	0	38	38	2
Death	20	1	2	30	32	5
Disability	14	1	8	158	165	2
Return of Contributions on Termination	16	3	0	63	63	2
Return of Contributions on Death	9	1	0	48	48	2
Total Active	\$2,127	\$169	\$489	\$5,636	\$6,125	\$435
Inactive Members						
Terminated	\$165	\$0	\$4	\$102	\$107	\$6
Service Retired	174	0	1,453	214	1,667	373
Disability Retired	7	0	1,939	26	1,965	9
Survivors	5	0	429	14	443	24
Total Inactive	\$350	\$0	\$3,826	\$356	\$4,182	\$413
Laws of 2007	42	0	0	13	13	0
2006 Total	\$2,519	\$169	\$4,316	\$6,004	\$10,320	\$848
2005 Total	\$2,473	\$0	\$4,238	\$5,462	\$9,700	\$803

Note: Totals may not agree due to rounding.

Present Value of Credited Projected Benefits*

(Dollars in millions)	PERS			TRS		
	Plan 1	Plan 2/3	Total	Plan 1	Plan 2/3	Total
Active Members						
Retirement	\$3,282	\$7,747	\$11,029	\$2,348	\$2,710	\$5,058
Termination	16	287	302	9	82	90
Death	23	78	101	10	34	44
Disability	18	65	83	5	4	9
Return of Contributions on Termination	6	98	104	1	3	4
Return of Contributions on Death	23	72	95	12	8	19
Total Active	\$3,368	\$8,346	\$11,714	\$2,385	\$2,840	\$5,225
Inactive Members						
Terminated	\$243	\$1,017	\$1,260	\$163	\$329	\$492
Service Retired	8,608	1,322	9,930	7,276	308	7,584
Disability Retired	125	68	193	103	8	111
Survivors	497	63	560	290	8	298
Total Inactive	\$9,473	\$2,470	\$11,943	\$7,832	\$653	\$8,485
Laws of 2007	148	336	484	107	130	237
2006 Total	\$12,989	\$11,152	\$24,141	\$10,324	\$3,624	\$13,947
2005 Total	\$13,146	\$9,663	\$22,809	\$10,550	\$3,280	\$13,830

Note: Totals may not agree due to rounding. Liabilities for Portability and the Uniform COLA are included.

* Calculated using the Projected Unit Credit (PUC) cost method. This method was not used to determine contribution requirements.

Present Value of Credited Projected Benefits**(Continued)*

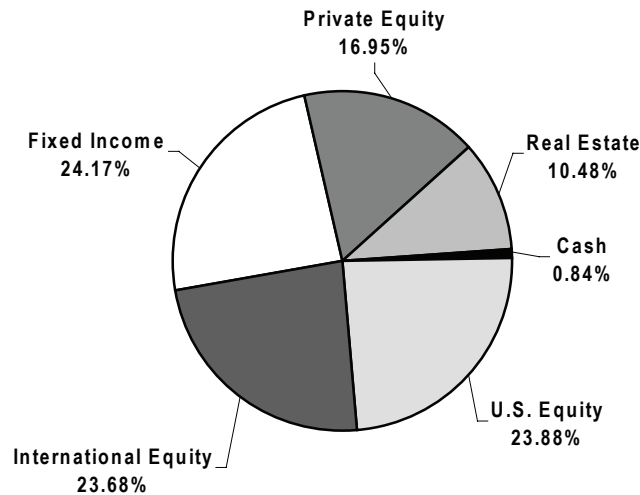
<i>(Dollars in millions)</i>	SERS	PSERS	LEOFF			WSP
	Plan 2/3	Plan 2	Plan 1	Plan 2	Total	
Active Members						
Retirement	\$1,056	\$1	\$443	\$2,775	\$3,218	\$232
Termination	78	0	0	21	21	1
Death	11	0	2	18	21	3
Disability	9	0	8	85	93	2
Return of Contributions on Termination	10	0	0	33	33	1
Return of Contributions on Death	6	0	0	26	26	1
Total Active	\$1,170	\$1	\$453	\$2,958	\$3,412	\$241
Inactive Members						
Terminated	\$165	\$0	\$4	\$102	\$107	\$6
Service Retired	174	0	1,453	214	1,667	373
Disability Retired	7	0	1,939	26	1,965	9
Survivors	5	0	429	14	443	24
Total Inactive	\$350	\$0	\$3,826	\$356	\$4,182	\$413
Laws of 2007	23	0	0	9	9	0
2006 Total	\$1,543	\$1	\$4,280	\$3,323	\$7,602	\$654
2005 Total	\$1,433	\$0	\$4,223	\$2,932	\$7,155	\$614

Note: Totals may not agree due to rounding.

* Calculated using the Projected Unit Credit (PUC) cost method. This method was not used to determine contribution requirements.

Plan Assets

Retirement Commingled Trust Fund (CTF) Asset Allocation



Cash: Highly liquid, very safe investments that can be easily converted into cash, such as Treasury Bills and money-market funds.

Fixed Income: Securities representing debt obligations and usually having fixed payments and maturities. Different types of fixed income securities include government and corporate bonds, mortgage-backed securities, asset-backed securities, convertible issues, and may also include money-market instruments.

International Equity: Shares of non-U.S. corporations that trade on public exchanges or “over-the-counter.” The ownership of a corporation is represented by shares that are claimed on the corporation’s earnings and assets.

Private Equity: The infusion of equity capital into a private company (one that is not available on the public markets). Private equity investments include securities that are not listed on a public exchange and are not easily accessible to most individuals. These investments range from initial capital in start-up enterprises to leveraged buyouts of mature corporations.

U.S. Equity: Shares of U.S. corporations that trade on public exchanges or “over-the-counter.” The ownership of a corporation is represented by shares that are claimed on the corporation’s earnings and assets.

Real Estate: An externally-managed selection of partnership investments with the majority of the partnerships invested in high-quality real estate leased to third parties.

Change in Market Value of Assets						
<i>(Dollars in millions)</i>	PERS			TRS		
	Plan 1	Plan 2/3		Plan 1	Plan 2/3	
	Fund 631	Fund 641	Total	Fund 632	Fund 642	Total
2005 Market Value	\$9,837	\$12,704	\$22,540	\$8,278	\$4,474	\$12,752
Revenue						
Contributions						
Employee	46	148	193	33	10	43
Employer/State	33	174	207	21	86	107
Total Contributions	79	321	400	54	96	150
Investment Return	1,485	2,008	3,493	1,250	709	1,959
Restorations	3	4	7	5	0	6
Transfers In	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0
Total Revenue	\$1,566	\$2,334	\$3,900	\$1,309	\$806	\$2,115
Disbursements						
Monthly Benefits*	\$938	\$126	\$1,063	\$767	\$24	\$791
Refunds	7	27	34	1	3	4
Total Benefits	944	152	1,097	769	26	795
Transfers Out	0	4	4	0	1	1
Expenses	1	1	1	0	0	0
Total Disbursements	\$945	\$157	\$1,102	\$769	\$27	\$796
Payables	\$0	\$0	\$0	\$0	\$0	\$0
2006 Market Value	\$10,458	\$14,881	\$25,339	\$8,818	\$5,253	\$14,072
2006 Actuarial Value	\$9,591	\$13,529	\$23,120	\$8,275	\$4,835	\$13,111
Ratio (AV/MV)	92%	91%	91%	94%	92%	93%

Note: Totals may not agree due to rounding.

*TRS 1 value includes annuity cashouts.

Change in Market Value of Assets (Continued)							
(Dollars in millions)	SERS	PSERS	LEOFF			WSP	Total
	Plan 2/3	Plan 2	Plan 1	Plan 2			
	Fund 633	Fund 635	Fund 819	Fund 829	Total	Fund 615	
2005 Market Value	\$1,803	\$0	\$5,210	\$3,614	\$8,824	\$754	\$46,673
Revenue							
Contributions							
Employee	14	1	0	84	84	3	338
Employer/State	36	1	0	85	85	3	438
Total Contributions	49	1	0	168	168	6	775
Investment Return	286	0	798	577	1,375	117	7,230
Restorations	0	0	0	2	2	0	15
Transfers In	2	0	0	0	0	0	3
Miscellaneous	0	0	0	0	0	0	0
Total Revenue	\$338	\$1	\$799	\$748	\$1,546	\$123	\$8,023
Disbursements							
Monthly Benefits	14	0	289	16	305	31	2,205
Refunds	2	0	0	7	7	0	47
Total Benefits	17	0	289	23	312	31	2,252
Transfers Out	0	0	0	0	0	0	4
Expenses	0	0	0	0	0	0	2
Total Disbursements	\$17	\$0	\$289	\$23	\$312	\$31	\$2,258
Payables	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2006 Market Value	\$2,123	\$1	\$5,720	\$4,339	\$10,058	\$846	\$52,438
2006 Actuarial Value	\$1,934	\$1	\$5,018	\$3,844	\$8,862	\$743	\$47,771
Ratio (AV/MV)	91%	100%	88%	89%	88%	88%	91%

Note: Totals may not agree due to rounding.

Calculation of Actuarial Value of Assets

<i>(Dollars in Millions)</i>		PERS 1	PERS 2/3*	TRS 1	TRS 2/3*	SERS 2/3*	
a.	Market Value at 9/30/2006	\$10,458	\$14,881	\$8,818	\$5,253	\$2,123	
b.	Deferred Gains and (Losses)						
	Plan Year Ending						
	Percent Deferred						
	9/30/2006	87.50%	640	868	539	306	124
	9/30/2005	75.00%	624	772	525	272	110
	9/30/2004	50.00%	248	272	209	95	39
	9/30/2003	50.00%, 42.86%**	235	289	199	102	41
	9/30/2002	37.50%	(469)	(469)	(397)	(163)	(65)
	9/30/2001	25.00%	(412)	(380)	(533)	(195)	(59)
	Total Deferral		\$867	\$1,352	\$543	\$418	\$189
c.	Market Value less Deferral (a-b)	\$9,591	\$13,529	\$8,275	\$4,835	\$1,934	
d.	70% of Market Value of Assets	\$7,320	\$10,417	\$6,173	\$3,677	\$1,486	
e.	130% of Market Value of Assets	\$13,595	\$19,345	\$11,464	\$6,829	\$2,760	
f.	Actuarial Value of Assets***	\$9,591	\$13,529	\$8,275	\$4,835	\$1,934	

Note: Totals may not agree due to rounding.

*Defined Benefit portion only.

**PERS Plan 1 and TRS Plan 1 = 42.86% deferred; all other plans = 50.00% deferred.

***Actuarial Value of Assets can never be less than 70% or greater than 130% of the market value of assets.

Calculation of Actuarial Value of Assets						
<i>(Continued)</i>						
<i>(Dollars in Millions)</i>	PSERS 2	LEOFF 1	LEOFF 2	WSP	Total	
a. Market Value at 9/30/2006	\$1	\$5,720	\$4,339	\$846	\$52,438	
b. Deferred Gains and (Losses)						
<u>Plan Year Ending</u> <u>Percent Deferred</u>						
9/30/2006	87.50%, 50.00%*	0	345	249	50	3,121
9/30/2005	75.00%	0	326	216	47	2,893
9/30/2004	50.00%	0	125	73	17	1,078
9/30/2003	50.00%	0	137	77	19	1,100
9/30/2002	37.50%	0	(231)	(120)	(31)	(1,945)
9/30/2001	N/A	0	0	0	0	0
Total Deferral		\$0	\$702	\$495	\$102	\$4,667
c. Market Value less Deferral (a-b)	\$1	\$5,018	\$3,844	\$743	\$47,771	
d. 70% of Market Value of Assets	\$1	\$4,004	\$3,037	\$592	\$36,707	
e. 130% of Market Value of Assets	\$1	\$7,435	\$5,640	\$1,099	\$68,170	
f. Actuarial Value of Assets**	\$1	\$5,018	\$3,844	\$743	\$47,771	

Note: Totals may not agree due to rounding.

*PSERS Plan 2 = 50.00% deferred; all other plans = 87.50%.

**Actuarial Value of Assets can never be less than 70% or greater than 130% of the market value of assets.

Investment Gains and (Losses) for Prior Year					
<i>(Dollars in Millions)</i>	PERS 1	PERS 2/3*	TRS 1	TRS 2/3*	SERS 2/3*
a. 2005 Market Value (at SIB)	\$9,831	\$12,686	\$8,275	\$4,468	\$1,799
b. Total Cash Flow	(867)	154	(722)	63	32
c. 2006 Market Value (at SIB)	10,446	14,850	8,802	5,240	2,117
d. Actual return (c-b-a)	\$1,482	\$2,009	\$1,249	\$709	\$286
e. Weighted asset amount	\$9,379	\$12,717	\$7,913	\$4,487	\$1,810
f. Expected return (8% x e)	750	1,017	633	359	145
g. Investment Gain/(Loss) for Prior Year (d-f)	731	992	616	350	141
h. Dollar-weighted rate of return	15.79%	15.80%	15.78%	15.80%	15.80%

Note: Totals may not agree due to rounding.

*Defined Benefit portion only.

Investment Gains and (Losses) for Prior Year
(Continued)

(Dollars in Millions)	PSERS 2	LEOFF 1	LEOFF 2	WSP	Total
a. 2005 Market Value (at SIB)	\$0	\$5,209	\$3,605	\$753	\$46,627
b. Total Cash Flow	0	(292)	144	(25)	(1,513)
c. 2006 Market Value (at SIB)	0	5,715	4,328	845	52,341
d. Actual return (c-b-a)	\$0	\$798	\$578	\$117	\$7,227
e. Weighted asset amount	\$0	\$5,051	\$3,666	\$739	\$45,761
f. Expected return (8% x e)	0	404	293	59	3,661
g. Investment Gain/(Loss) for Prior Year (d-f)	0	394	285	58	3,567
h. Dollar-weighted rate of return	9.10%	15.80%	15.77%	15.80%	15.79%

Note: Totals may not agree due to rounding.

*Defined Benefit portion only.

Funded Status

Funded Status on an Actuarial Value Basis*

(Dollars in millions)	PERS		TRS		SERS	PSERS	LEOFF		WSP	Total
	Plan 1	Plan 2/3	Plan 1	Plan 2/3	Plan 2/3	Plan 2	Plan 1	Plan 2		
Credited Projected Liability	\$12,989	\$11,152	\$10,324	\$3,624	\$1,543	\$1	\$4,280	\$3,323	\$654	\$47,889
Valuation Assets	\$9,591	\$13,529	\$8,275	\$4,835	\$1,934	\$1	\$5,018	\$3,844	\$743	\$47,771
Unfunded Liability	\$3,398	(\$2,377)	\$2,048	(\$1,212)	(\$392)	\$0	(\$738)	(\$521)	(\$89)	\$118
Funded Ratio:										
2006 **	74%	121%	80%	133%	125%	99%	117%	116%	114%	100%
2005 **	74%	127%	80%	134%	122%	N/A	114%	114%	113%	99%
2004	81%	134%	88%	153%	137%	N/A	109%	117%	118%	105%
2003	82%	142%	89%	155%	138%	N/A	112%	125%	123%	107%
2002	92%	158%	98%	182%	169%	N/A	119%	137%	135%	118%
2001 **	97%	179%	100%	197%	197%	N/A	129%	154%	147%	126%
2000 **	98%	190%	100%	196%	170%	N/A	136%	161%	152%	
1999	93%	189%	93%	188%	N/A	N/A	125%	154%	159%	
1998	86%	191%	86%	185%	N/A	N/A	117%	160%	147%	
1997 **	83%	187%	82%	181%	N/A	N/A	108%	155%	140%	
1996	73%	157%	70%	144%	N/A	N/A	89%	130%	128%	
1995	68%	150%	65%	136%	N/A	N/A	80%	126%	119%	
1994 **	67%	142%	65%	130%	N/A	N/A	68%	124%	110%	
1993	70%	142%	62%	126%	N/A	N/A	68%	127%	110%	
1992	67%	139%	59%	127%	N/A	N/A	65%	128%	108%	
1991	67%	149%	59%	131%	N/A	N/A	66%	154%	106%	
1990	66%	154%	60%	140%	N/A	N/A	65%	153%	105%	
1989 **	65%	162%	58%	144%	N/A	N/A	65%	158%	103%	
1988	66%	165%	59%	143%	N/A	N/A	66%	153%	102%	
1987	71%	175%	58%	135%	N/A	N/A	69%	157%	95%	
1986	63%	162%	50%	125%	N/A	N/A	57%	142%	87%	

Note: Totals may not agree due to rounding.

*Liabilities have been valued using an interest rate of 8% while assets have been valued under the actuarial asset method.

**Assumptions changed.

Funded Status on a Market Value Basis*

(Dollars in millions)	PERS		TRS		SERS	PSERS	LEOFF		WSP	Total
	Plan 1	Plan 2/3	Plan 1	Plan 2/3	Plan 2/3	Plan 2	Plan 1	Plan 2		
Credited Projected Liability	\$16,465	\$17,357	\$13,231	\$5,966	\$2,391	\$2	\$5,608	\$5,356	\$961	\$67,336
Market Value of Assets	\$10,458	\$14,881	\$8,818	\$5,253	\$2,123	\$1	\$5,720	\$4,339	\$846	\$52,438
Unfunded Liability	\$6,007	\$2,476	\$4,413	\$712	\$268	\$1	(\$112)	\$1,017	\$116	\$14,898
Funded Ratio:										
2006	64%	86%	67%	88%	89%	55%	102%	81%	88%	78%
2005	61%	84%	63%	87%	86%	N/A	94%	75%	84%	74%
2004	59%	80%	60%	84%	81%	N/A	82%	72%	82%	70%

Note: Totals may not agree due to rounding.

*Liabilities have been valued using an interest rate of 5.5% while assets have been valued at market value. The 5.5% interest rate approximates the "risk-free" rate of return on assets. Under this method, the so-called "risk premium" on non-risk-free investments is not recognized until it is realized in the market value of assets. This method was not used to determine contribution requirements.

Actuarial Gains/Losses

Change in Employer and State Contribution Rate by Source
Before Completion of Phase-In

Change in Employer Rate	PERS	TRS	SERS	PSERS	LEOFF	WSP
2005 Normal Cost	7.11%	9.19%	8.57%	N/A	(0.12%)	7.75%
Repeal of Gain-Sharing	(0.62%)	(1.63%)	(2.18%)	N/A	N/A	N/A
2005 Adjusted Contribution Rate	6.49%	7.56%	6.39%	N/A	(0.12%)	7.75%
Economic Gains/Losses	(0.13%)	(0.03%)	(0.27%)	N/A	(1.06%)	(1.08%)
Demographic Gains/Losses	(0.28%)	(0.17%)	(0.10%)	N/A	(0.03%)	(0.10%)
Present Value Future Salaries Gains/Losses	(0.27%)	(0.08%)	(0.25%)	N/A	(0.19%)	(0.26%)
Other Gains/Losses	1.16%	1.34%	1.81%	N/A	(0.02%)	1.04%
Total Change	0.48%	1.06%	1.19%	N/A	(1.30%)	(0.40%)
2006 Preliminary Contribution Rate	6.97%	8.62%	7.58%	9.83%	(1.42%)	7.35%
Laws of 2007	0.75%	1.01%	0.50%	0.13%	0.02%	(0.05%)
2006 Adjusted Contribution Rate	7.72%	9.63%	8.08%	9.96%	(1.40%)	7.30%

The SERS and PSERS rates include the UAAL rate for PERS Plan 1.

The LEOFF contribution rate is the State's portion for Plan 2 (20% of the Normal Cost) plus the UAAL rate for Plan 1.

**Change in Employer and State Normal Cost by Source
Before Completion of Phase-In**

Change in Normal Costs	PERS	TRS	SERS	PSERS	LEOFF	WSP
2005 Normal Cost	4.14%	4.82%	5.60%	N/A	3.24%	7.75%
Repeal of Gain-Sharing	(0.22%)	(1.16%)	(1.78%)	N/A	N/A	N/A
2005 Adjusted Normal Cost	3.92%	3.66%	3.82%	N/A	3.24%	7.75%
Economic Gains/Losses	(0.14%)	(0.16%)	(0.27%)	N/A	(0.21%)	(1.08%)
Assets	(0.15%)	0.00%	(0.11%)	N/A	(0.14%)	(1.25%)
Salaries	(0.02%)	(0.19%)	(0.23%)	N/A	(0.07%)	0.12%
Growth	0.03%	0.03%	0.07%	N/A	0.00%	0.05%
Demographic Gains/Losses	(0.22%)	(0.07%)	(0.10%)	N/A	(0.03%)	(0.10%)
Termination/Return to Work	(0.24%)	(0.09%)	(0.11%)	N/A	(0.01%)	(0.08%)
Retirement	0.02%	0.02%	0.01%	N/A	(0.02%)	(0.02%)
Present Value Future Salaries Gains/Losses	(0.26%)	(0.19%)	(0.25%)	N/A	(0.21%)	(0.26%)
Total Other Gains/Losses	0.80%	0.94%	1.51%	N/A	0.30%	1.04%
Plan Change Gains/Losses	0.01%	0.02%	0.00%	N/A	0.01%	1.01%
Method Change Gains/Losses	0.01%	0.00%	0.07%	N/A	0.00%	0.01%
Assumption Change Gains/Losses	0.00%	0.00%	0.00%	N/A	0.00%	0.00%
Miscellaneous Change Gains/Losses*	0.78%	0.92%	1.44%	N/A	0.29%	0.02%
Total Change	0.18%	0.52%	0.89%	N/A	(0.15%)	(0.40%)
2006 Preliminary Normal Cost	4.10%	4.18%	4.71%	6.96%	3.09%	7.35%
Laws of 2007	0.62%	0.79%	0.37%	0.00%	0.02%	(0.05%)
2006 Adjusted Normal Cost	4.72%	4.97%	5.08%	6.96%	3.11%	7.30%

The LEOFF contribution rate is the State's portion only (20% of the Plan 2 Normal Cost).

* Includes the 2008 gain-sharing event for PERS, TRS, and SERS.

**Change in Employer and State UAAL Rate by Source
Before Completion of Phase-In**

Change in UAAL Rate	PERS	TRS	SERS	PSERS	LEOFF	WSP
2005 UAAL Rate	2.97%	4.37%	2.97%	N/A	(3.36%)	N/A
Repeal of Gain-Sharing	(0.40%)	(0.47%)	(0.40%)	N/A	N/A	N/A
2005 Adjusted UAAL Rate	2.57%	3.90%	2.57%	N/A	(3.36%)	N/A
Economic Gains/Losses	0.01%	0.13%	N/A	N/A	(0.85%)	N/A
Assets	0.00%	0.22%	N/A	N/A	(0.74%)	N/A
Salaries	0.01%	(0.09%)	N/A	N/A	(0.01%)	N/A
Inflation (CPI)	0.00%	0.00%	N/A	N/A	(0.10%)	N/A
Demographic Gains/Losses	(0.06%)	(0.10%)	N/A	N/A	0.00%	N/A
Termination/Return to Work	0.00%	0.00%	N/A	N/A	0.00%	N/A
Retirement	(0.06%)	(0.10%)	N/A	N/A	0.00%	N/A
Present Value Future Salaries Gains/Losses	(0.01%)	0.11%	N/A	N/A	0.02%	N/A
Total Other Gains/Losses	0.36%	0.40%	N/A	N/A	(0.32%)	N/A
Plan Change Gains/Losses	0.00%	0.00%	N/A	N/A	0.35%	N/A
Method Change Gains/Losses	0.00%	0.00%	N/A	N/A	0.00%	N/A
Assumption Change Gains/Losses	0.00%	0.00%	N/A	N/A	0.00%	N/A
Miscellaneous Change Gains/Losses*	0.36%	0.40%	N/A	N/A	(0.67%)	N/A
Total Change	0.30%	0.54%	0.30%	N/A	(1.15%)	N/A
2006 Preliminary UAAL Rate	2.87%	4.44%	2.87%	2.87%	(4.51%)	N/A
Laws of 2007	0.13%	0.22%	0.13%	0.13%	0.00%	N/A
2006 Adjusted UAAL Rate	3.00%	4.66%	3.00%	3.00%	(4.51%)	N/A

The SERS and PSERS rates are to fund the PERS Plan 1 UAAL.

The LEOFF contribution rate is the UAAL rate for plan 1. The plan has a surplus of assets over liabilities, so no rate is currently payable.

* Includes the 2008 gain-sharing event for PERS, TRS, and SERS.

Effect of Plan, Assumption, and Method Changes

In addition to experience gains or losses, significant changes in plan provisions or actuarial assumptions and methods will also have an impact on contribution rates.

Plan Changes:

- Dual membership (Chapter 207, Laws of 2007).
- Judges benefit multiplier (Chapter 123, Laws of 2007).
- Plan 1 Age 66 Uniform COLA (Chapter 89, Laws of 2007).
- Repeal gain-sharing after 2008 event, replace with increased Plan 1 Uniform COLA, improved Plan 2/3 ERFs, and Plan Choice (Chapter 491, Laws of 2007).
- TRS 1 post-retirement employment (Chapter 50, Laws of 2007).
- LEOFF 2 line-of-duty disability and/or death: occupational illness (Chapter 490, Laws of 2007).
- WSP survivors PEBB reimbursement (Chapter 488, Laws of 2007).
- WSP retirement age (Chapter 87, Laws of 2007).
- WSP maximum member contribution rate (Chapter 300, Laws of 2007).

Assumption Changes:

- LEOFF 2 line-of-duty death: occupational illness (Chapter 351, Laws of 2006).
- LEOFF 2 disability (Chapter 39, Laws of 2006).
- LEOFF 1 removal of 30-year service cap (Chapter 350, Laws of 2006)

Method Changes:

- The cost of future gain-sharing benefits was reflected in the 2005 valuation, but only the present value of the projected 2008 event is reflected in the 2006 valuation (law change).
- The present value of future salaries is calculated differently for the Plan 2/3 normal cost rate as a result of a valuation software update.
- The interest credited to Plan 2 member savings accounts is calculated more precisely as a result of a valuation software update.

Effect of Changes on the Current Valuation:

The table on the next page shows the effect of the above changes on the current actuarial valuation results.

Effect of Plan, Assumption, and Method Changes									
	PERS 1	PERS 2/3	TRS 1	TRS 2/3	SERS 2/3	PSERS 2	LEOFF 1	LEOFF 2	WSP
Before Changes*									
Present Value Fully Projected Benefits	\$13,679	\$18,406	\$10,806	\$6,822	\$2,671	N/A	\$4,212	\$5,979	\$845
Present Value Credited Projected Benefits	13,295	10,877	10,597	3,696	1,619	N/A	4,202	3,304	651
Actuarial Value of Assets	9,591	13,529	8,275	4,835	1,934	N/A	5,018	3,844	743
Unfunded Liability	3,704	(2,652)	2,322	(1,139)	(315)	N/A	(816)	(540)	(92)
Employer Contribution Rate	7.13%	7.13%	9.46%	9.46%	8.64%	N/A	0.00%	4.61%	7.07%
After Changes**									
Present Value Fully Projected Benefits	\$13,362	\$18,900	\$10,528	\$6,631	\$2,519	\$169	\$4,316	\$6,004	\$848
Present Value Credited Projected Benefits	12,989	11,152	10,324	3,624	1,543	\$1	4,280	3,323	654
Actuarial Value of Assets	9,591	13,529	8,275	4,835	1,934	\$1	5,018	3,844	743
Unfunded Liability	3,398	(2,377)	2,048	(1,212)	(392)	\$0	(738)	(521)	(89)
Employer Contribution Rate	7.72%	7.72%	9.63%	9.63%	8.08%	9.96%	0.00%	4.66%	7.30%
Increase/(Decrease) in Rate	0.59%	0.59%	0.17%	0.17%	(0.56%)	N/A	0.00%	0.05%	0.23%

Before and after changes include actuarial gains and losses for the year ending 9/30/2006.

The LEOFF contribution rate is the employers' portion only (30% of the Plan 2 Normal Cost).

*Includes the cost of gain-sharing.

**Includes only the cost of the projected 2008 gain-sharing event.



Section 3 Participant Data





Overview of System Membership

The state administers nine retirement systems for state and local public employees. Retirement system membership is determined according to the participant's occupation and employer. Employees covered by each system are defined in separate chapters of the Revised Code of Washington (RCW).

The state also administers benefits for volunteer fire fighters and two small judicial systems (not included in this valuation). The judicial systems are closed to new members. Judges hired after June 30, 1988, are members of PERS 2/3.

The six largest retirement systems and a general description of their membership are listed below.

PERS - Public Employees' Retirement System <i>Chapter 41.40 RCW</i>	State employees; employees of all counties and most cities (the exceptions are Tacoma, Seattle, and Spokane); non-teaching employees of institutions of higher learning and community colleges; employees of ports, service districts, Energy Northwest (formerly known as the Washington Public Power Supply System) and public utility districts. Judges first elected or appointed after June 30, 1988, are also included.
TRS - Teachers' Retirement System <i>Chapter 41.32 RCW</i>	Certificated teachers; administrators; and educational staff associates.
SERS - School Employees' Retirement System <i>Chapter 41.35 RCW</i>	Classified school district employees.
PSERS - Public Safety Employees' Retirement System <i>Chapter 41.37 RCW</i>	Correction officers (state, state community, county, city, and local community); liquor enforcement officers; commercial vehicle enforcement officers; state park rangers; gambling commission enforcement officers; Department of Natural Resources enforcement officers (Chapter 294, Laws of 2007).
LEOFF - Law Enforcement Officers' and Fire Fighters' Retirement System <i>Chapter 41.26 RCW</i>	Fire fighters; emergency medical technicians; law enforcement officers including sheriffs; university, port, city police officers, and enforcement officers with the Department of Fish and Wildlife.
WSP - Washington State Patrol Retirement System <i>Chapter 43.43 RCW</i>	Commissioned officers of the Washington State Patrol.

Active Membership By Employer and Plan

Employer	All Systems	PERS			TRS		
		Plan 1	Plan 2	Plan 3	Plan 1	Plan 2	Plan 3
State Agencies	60,522	5,203	44,096	9,027	66	4	63
Higher Education	19,290	1,354	13,850	3,931	39	5	10
Community Colleges	5,954	430	4,274	1,039	129	33	49
K-12	119,095	2,765	0	0	7,110	6,900	53,038
Counties	29,933	1,772	21,088	3,139	0	0	0
County Sub Divisions	17,521	1,032	14,385	2,064	0	0	0
First Class Cities	8,453	253	2,604	508	0	0	0
Other Cities	17,692	714	10,237	1,525	0	0	0
Ports	2,105	114	1,613	194	0	0	0
Education Service District	1,902	76	0	0	38	41	211
Fire Districts	3,402	20	526	73	0	0	0
Public Utility District	4,232	292	3,433	507	0	0	0
Water Districts	1,756	119	1,468	169	0	0	0
Energy Northwest	1,108	44	767	297	0	0	0
Unions	25	25	0	0	0	0	0
TOTAL	292,990	14,213	118,341	22,473	7,382	6,983	53,371

Active Membership By Employer and Plan

(Continued)

Employer	SERS		PSERS	LEOFF		WSP	
	Plan 2	Plan 3	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2
State Agencies	0	0	939	0	102	906	116
Higher Education	0	0	0	0	101	0	0
Community Colleges	0	0	0	0	0	0	0
K-12	17,909	31,373	0	0	0	0	0
Counties	0	0	1,039	81	2,814	0	0
County Sub Divisions	0	0	0	3	37	0	0
First Class Cities	0	0	23	295	4,770	0	0
Other Cities	0	0	72	159	4,985	0	0
Ports	0	0	0	5	179	0	0
Education Service District	555	981	0	0	0	0	0
Fire Districts	0	0	0	53	2,730	0	0
Public Utility District	0	0	0	0	0	0	0
Water Districts	0	0	0	0	0	0	0
Energy Northwest	0	0	0	0	0	0	0
Unions	0	0	0	0	0	0	0
TOTAL	18,464	32,354	2,073	596	15,718	906	116

The tables below summarize participant data changes from last year's valuation to the current year's valuation. The participant data is divided into two main categories: (1) Actives and, (2) Annuitants (receiving a pension or annuity payment). The "+" symbol indicates new participants entering the system or actives and new beneficiaries entering the annuitant status; whereas the "-" symbol indicates participants that have left either active or annuitant status.

Reconciliation of Participant Data

	PERS				TRS			
	Plan 1	Plan 2	Plan 3	Total	Plan 1	Plan 2	Plan 3	Total
2005 Actives	15,962	118,400	21,216	155,578	8,592	7,205	51,473	67,270
Transfers	0	(321)	3,976	3,655	0	(18)	18	0
Hires/Rehires (+)	359	11,481	427	12,267	88	210	5,027	5,325
New Retirees (-)	(1,604)	(957)	(106)	(2,667)	(1,158)	(121)	(143)	(1,422)
Deaths (-)	(36)	(205)	(9)	(250)	(6)	(9)	(24)	(39)
Terminations (-)	(468)	(10,057)	(3,031)	(13,556)	(134)	(284)	(2,980)	(3,398)
2006 Actives	14,213	118,341	22,473	155,027	7,382	6,983	53,371	67,736
2005 Annuitants	54,795	13,471	343	68,609	35,264	1,351	706	37,321
New Retirees (+)	2,004	1,622	143	3,769	1,346	230	218	1,794
Annuitant Deaths (-)	(2,282)	(338)	(5)	(2,625)	(1,017)	(15)	(5)	(1,037)
New Survivors (+)	341	131	6	478	176	9	15	200
Other (-)	(24)	(5)	(1)	(30)	(24)	(1)	(1)	(26)
2006 Annuitants	54,834	14,881	486	70,201	35,745	1,574	933	38,252
Ratio Actives to Annuitants	0.26	7.95	46.24	2.21	0.21	4.44	57.20	1.77

Reconciliation of Participant Data

(Continued)

	SERS			PSERS	LEOFF			WSP			All
	Plan 2	Plan 3	Total	Plan 2	Plan 1	Plan 2	Total	Plan 1	Plan 2	Total	Systems
2005 Actives	19,387	30,963	50,350	0	723	15,168	15,891	941	81	1,022	290,111
Transfers	378	56	434	0	0	0	0	0	0	0	4,089
Hires/Rehires (+)	331	4,752	5,083	2,073	1	1,067	1,068	4	36	40	25,856
New Retirees (-)	(267)	(146)	(413)	0	(123)	(135)	(258)	(20)	0	(20)	(4,780)
Deaths (-)	(39)	(27)	(66)	0	(1)	(12)	(13)	0	0	0	(368)
Terminations (-)	(1,326)	(3,244)	(4,570)	0	(4)	(370)	(374)	(19)	(1)	(20)	(21,918)
2006 Actives	18,464	32,354	50,818	2,073	596	15,718	16,314	906	116	1,022	292,990
2005 Annuitants	1,426	705	2,131	0	8,149	574	8,723	792	0	792	117,576
New Retirees (+)	394	236	630	0	129	203	332	22	0	22	6,547
Annuitant Deaths (-)	(20)	(7)	(27)	0	(194)	(4)	(198)	(12)	0	(12)	(3,899)
New Survivors (+)	16	10	26	0	100	8	108	6	0	6	818
Other (-)	(1)	(1)	(2)	0	(12)	(2)	(14)	0	0	0	(72)
2006 Annuitants	1,815	943	2,758	0	8,172	779	8,951	808	0	808	120,970
Ratio Actives to Annuitants	10.17	34.31	18.43	N/A	0.07	20.18	1.82	1.12	N/A	1.26	2.42

Summary of Plan Participants

Summary of Plan Participants

PERS:	2006				2005			
	Plan 1	Plan 2	Plan 3	Total	Plan 1	Plan 2	Plan 3	Total
Active Members								
Number	14,213	118,341	22,473	155,027	15,962	118,400	21,216	155,578
Total Salaries (millions)	\$726	\$5,727	\$1,044	\$7,496	\$786	\$5,494	\$951	\$7,231
Average Age	57.3	46.1	42.0	46.5	56.6	45.7	41.8	46.3
Average Service	22.2	10.2	7.7	10.9	22.0	9.9	7.8	10.9
Average Salary	\$51,042	\$48,391	\$46,452	\$48,353	\$49,248	\$46,399	\$44,817	\$46,476
Terminated Members								
Number Vested	2,675	20,604	2,331	25,610	2,833	17,941	1,793	22,567
Number "Non-Vested"	5,006	83,220	0	88,226	5,197	81,020	0	86,217
Retirees (including L&I disabled)								
Number of Retirees (All)	54,834	14,881	486	70,201	54,795	13,471	343	68,609
Average Monthly Benefit, All Retirees	\$1,469	\$745	\$427	\$1,308	\$1,396	\$698	\$409	\$1,254
Number of New "Service Retirees"	1,955	1,442	128	3,525	2,021	1,359	105	3,485
Avg. Monthly Benefit, New "Service Retirees"	\$2,308	\$1,004	\$477	\$1,708	\$2,257	\$965	\$439	\$1,699

Summary of Plan Participants

(Continued)

TRS:	2006				2005			
	Plan 1	Plan 2	Plan 3	Total	Plan 1	Plan 2	Plan 3	Total
Active Members								
Number	7,382	6,983	53,371	67,736	8,592	7,205	51,473	67,270
Total Salaries (millions)	\$478	\$413	\$2,812	\$3,704	\$546	\$413	\$2,645	\$3,604
Average Age	57.7	51.3	42.1	44.7	56.9	50.7	41.8	44.7
Average Service	25.3	14.3	9.3	11.6	24.8	13.6	9.0	11.5
Average Salary	\$64,796	\$59,164	\$52,689	\$54,676	\$63,531	\$57,379	\$51,386	\$53,579
Terminated Members								
Number Vested	1,223	2,542	4,045	7,810	1,328	2,536	3,158	7,022
Number "Non-Vested"	657	3,598	0	4,255	687	3,736	0	4,423
Temporarily Disabled	1	0	0	1	0	0	0	0
Retirees								
Number of Retirees (All)	35,745	1,574	933	38,252	35,264	1,351	706	37,321
Average Monthly Benefit, All Retirees	\$1,727	\$1,120	\$524	\$1,673	\$1,665	\$1,057	\$481	\$1,621
Number of New "Service Retirees"	1,327	215	211	1,753	1,439	219	153	1,811
Avg. Monthly Benefit, New "Service Retirees"	\$2,456	\$1,342	\$645	\$2,101	\$2,361	\$1,301	\$618	\$2,085

Summary of Plan Participants
(Continued)

SERS:	2006			2005		
	Plan 2	Plan 3	Total	Plan 2	Plan 3	Total
Active Members						
Number	18,464	32,354	50,818	19,387	30,963	50,350
Total Salaries (millions)	\$470	\$773	\$1,243	\$475	\$727	\$1,201
Average Age	50.5	46.8	48.1	49.8	46.4	47.7
Average Service	11.0	7.4	8.7	10.2	7.3	8.4
Average Salary	\$25,426	\$23,905	\$24,458	\$24,494	\$23,462	\$23,859
Terminated Members						
Number Vested	3,627	3,267	6,894	3,073	2,491	5,564
Number "Non-Vested"	4,911	0	4,911	4,796	0	4,796
Retirees						
Number of Retirees (All)	1,815	943	2,758	1,426	705	2,131
Average Monthly Benefit, All Retirees	\$574	\$269	\$469	\$552	\$258	\$455
Number of New "Service Retirees"	374	221	595	301	207	508
Average Monthly Benefit, New "Service Retirees"	\$612	\$292	\$494	\$609	\$276	\$473

Summary of Plan Participants
(Continued)

PSERS:	2006	2005
	Plan 2	Plan 2
Active Members		
Number	2,073	0
Total Salaries (millions)	\$103	N/A
Average Age	39.0	0
Average Service	0.1	0
Average Salary	\$49,714	0
Terminated Members		
Number Vested	0	N/A
Number "Non-Vested"	10	N/A
Retirees		
Number of Retirees (All)	0	0
Average Monthly Benefit, All Retirees	\$0	0
Number of New "Service Retirees"	0	N/A
Average Monthly Benefit, New "Service Retirees"	\$0	N/A

*Includes disabled retirees for Plan 1 only.

Summary of Plan Participants
(Continued)

LEOFF:	2006			2005		
	Plan 1	Plan 2	Total	Plan 1	Plan 2	Total
Active Members						
Number	596	15,718	16,314	723	15,168	15,891
Total Salaries (millions)	\$48	\$1,172	\$1,220	\$56	\$1,092	\$1,148
Average Age	56.4	40.8	41.4	55.6	40.5	41.2
Average Service	32.0	11.9	12.6	31.0	11.7	12.6
Average Salary	\$80,630	\$74,562	\$74,784	\$77,139	\$72,015	\$72,248
Terminated Members						
Number Vested	5	597	602	7	570	577
Number "Non-Vested"	57	1,362	1,419	59	1,285	1,344
Retirees						
Number of Retirees (All)	8,172	779	8,951	8,149	574	8,723
Average Monthly Benefit, All Retirees	\$3,025	\$1,860	\$2,924	\$2,911	\$1,668	\$2,829
Number of New "Service Retirees"*	129	165	294	125	120	245
Average Monthly Benefit, New "Service Retirees"*	\$4,532	\$2,344	\$3,304	\$4,126	\$2,208	\$3,186

*Includes disabled retirees for Plan 1 only.

Summary of Plan Participants
(Continued)

WSP:	2006			2005		
	Plan 1	Plan 2	Total	Plan 1	Plan 2	Total
Active Members						
Number	906	116	1,022	941	81	1,022
Total Salaries (millions)	\$63	\$6	\$69	\$61	\$4	\$65
Average Age	40.9	30.4	39.7	40.1	29.6	39.3
Average Service	14.1	3.3	12.9	13.4	2.7	12.6
Average Salary	\$69,606	\$52,278	\$67,639	\$65,254	\$48,250	\$63,906
Terminated Members						
Number Vested	53	0	53	44	0	44
Number "Non-Vested"	23	1	24	26	3	29
Disabled Members*	57	0	57	58	0	58
Retirees						
Number of Retirees (All)	808	0	808	792	0	792
Average Monthly Benefit, All Retirees	\$3,211	\$0	\$3,211	\$3,082	\$0	\$3,082
Number of New "Service Retirees"	22	0	22	37	0	37
Average Monthly Benefit, New "Service Retirees"	\$3,650	\$0	\$3,650	\$3,470	\$0	\$3,470

*Benefits provided outside of pension funds.



Section 4 Appendices





Actuarial Assumptions and Methods

Actuarial Cost Methods

Plans 1: A variation of the Frozen Initial Liability Cost Method was used to determine the normal cost and the actuarial accrued liability for retirement, termination, and ancillary benefits. Under this method, the Unfunded Actuarial Accrued Liability (UAAL) is equal to the unfunded actuarial present value of projected benefits less the actuarial present value of future normal costs for all active members and is reset at each valuation date. The present value of future normal costs is based on the Aggregate normal cost rate for Plans 2/3 and the resulting UAAL is amortized by June 30, 2024, as a level percentage of projected system payroll. The projected payroll includes pay from Plan 2 and Plan 3 as well as projected payroll from future new entrants.

As a result of this hybrid method, employers are charged the same contribution rate, regardless of the plan in which employees hold membership (except for LEOFF).

Plans 2 and Plans 3: The Aggregate Cost Method was used to determine the normal cost and the actuarial accrued liability for retirement, termination, and ancillary benefits. Under this method, the unfunded actuarial present value of fully projected benefits is amortized over the future payroll of the active group. Member and employer cost sharing in the Plans 2 is determined by taking a weighted average of the present value of future salaries in Plan 2 and Plan 3. The entire contribution is considered normal cost and no UAAL exists.

Washington State Patrol: The Aggregate Cost Method was used to determine the normal cost and the actuarial accrued liability for retirement, termination, and ancillary benefits. The entire normal cost is divided equally between the employee and the employer. The maximum employee contribution rate is 7 percent plus 50 percent of the contribution rate increases from benefit improvements effective on or after July 1, 2007.

The Projected Unit Credit (PUC) cost method was used to calculate the plans' funded status and is consistent with governmental accounting standards. Please see the Glossary for an explanation of the PUC cost method.

Asset Valuation Method

The actuarial value of assets is calculated under an adjusted market value method by starting with the market value of assets. For subsequent years the actuarial value of assets is determined by adjusting the market value of assets to reflect the difference between the actual investment return and the expected investment return during each of the last eight years or, if fewer, the completed years since adoption, at the following rates per year (annual

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

Additionally, the actuarial value of assets may not exceed 130 percent nor drop below 70 percent of the market value of assets.

Gain-Sharing Valuation Method

The cost of future gain-sharing included in this report was based on the present value of expected liabilities for the projected 2008 event. A complete description of the assumptions and methods used to value these liabilities can be found in the fiscal note prepared by the Office of the State Actuary for EHB 2391 during the 2007 legislative session. Differences between the actual value of the 2008 event and the estimates contained in this report are due to the availability of the data used in this report, and actual (instead of projected) plan specific asset values and rates of return on the assets through June 30, 2007. The asset information and rates of return were provided by the Washington State Investment Board and are subject to change pending the results of an audit of those assets and returns.

Changes in Assumptions and Methods Since Last Valuation

Updates to our valuation software have resulted in two method changes: the present value of future salaries for the Plan 2/3 Normal Cost rate and interest crediting to Plan 2 members' savings accounts are both calculated differently from last year's valuation.

Economic Assumptions

Economic Assumptions						
By System	PERS	TRS	SERS	PSERS	LEOFF	WSP
Annual Growth in Membership	1.25%	0.90%	1.25%	1.25%	1.25%	1.25%
Interest on Member Contributions ¹	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%
Return on Investment Earnings ²	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Inflation ³	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
General Salary Increases (includes inflation) ⁴	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Annual COLA	Plan 1: Uniform COLA ⁵	Uniform COLA ⁵	N/A	N/A	3.50% ⁶	3.00% ⁷
	Plan 2/3:	3.00% ⁷	3.00% ⁷	3.00% ⁷	3.00% ⁷	3.00% ⁷

¹ Annual rate, compounded quarterly except for WSP which is compounded monthly.

² Annual rate, compounded annually.

³ Based on the CPI: Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.

⁴ Excludes longevity, merit or step increases that usually apply to members in the early part of their careers.

⁵ As provided in the plan provisions. The increase was \$1.33 per month per year of service on 7/1/2007.

⁶ Equal to the CPI.

⁷ Based on the CPI (3% maximum per year).

Demographic Assumptions

Service Years	Step Salary Increases																	
	PERS - All Plans			TRS - All Plans			SERS - All Plans			PSERS - All Plans			LEOFF - All Plans			WSP - All Plans		
	% Increase	Salary Ratio	Salary Ratio	% Increase	Salary Ratio	Salary Ratio	% Increase	Salary Ratio	Salary Ratio	% Increase	Salary Ratio	Salary Ratio	% Increase	Salary Ratio	Salary Ratio	% Increase	Salary Ratio	Salary Ratio
0	5.40%	1.343	1.476	0.00%	1.280	1.343	5.40%	1.280	1.343	11.70%	2.022	2.022	6.00%	1.779	6.00%	1.779	6.00%	1.779
1	6.10%	1.275	1.476	7.00%	1.280	1.275	6.10%	1.280	1.275	11.70%	1.810	1.810	6.00%	1.678	6.00%	1.678	6.00%	1.678
2	4.80%	1.201	1.390	3.90%	1.196	1.201	4.80%	1.196	1.201	8.10%	1.621	1.621	6.00%	1.583	6.00%	1.583	6.00%	1.583
3	3.80%	1.146	1.331	4.20%	1.151	1.146	3.80%	1.151	1.146	6.60%	1.499	1.499	6.00%	1.493	6.00%	1.493	6.00%	1.493
4	2.90%	1.104	1.278	3.50%	1.120	1.104	2.90%	1.120	1.104	4.50%	1.406	1.406	6.00%	1.409	6.00%	1.409	6.00%	1.409
5	2.10%	1.073	1.235	3.10%	1.095	1.073	2.10%	1.095	1.073	3.20%	1.346	1.346	6.00%	1.329	6.00%	1.329	6.00%	1.329
6	1.30%	1.051	1.197	2.70%	1.071	1.051	1.30%	1.071	1.051	2.50%	1.304	1.304	6.00%	1.254	6.00%	1.254	6.00%	1.254
7	1.00%	1.038	1.166	1.20%	1.055	1.038	1.00%	1.055	1.038	2.20%	1.272	1.272	1.30%	1.183	1.30%	1.183	1.30%	1.183
8	0.80%	1.027	1.136	2.30%	1.043	1.027	0.80%	1.043	1.027	2.00%	1.245	1.245	1.30%	1.168	1.30%	1.168	1.30%	1.168
9	0.60%	1.019	1.111	2.10%	1.032	1.019	0.60%	1.032	1.019	2.00%	1.221	1.221	1.30%	1.153	1.30%	1.153	1.30%	1.153
10	0.40%	1.013	1.088	1.90%	1.024	1.013	0.40%	1.024	1.013	2.00%	1.197	1.197	1.30%	1.138	1.30%	1.138	1.30%	1.138
11	0.30%	1.009	1.068	1.70%	1.017	1.009	0.30%	1.017	1.009	1.90%	1.173	1.173	1.30%	1.123	1.30%	1.123	1.30%	1.123
12	0.20%	1.006	1.050	1.60%	1.010	1.006	0.20%	1.010	1.006	1.80%	1.151	1.151	1.30%	1.109	1.30%	1.109	1.30%	1.109
13	0.10%	1.004	1.033	1.40%	1.007	1.004	0.10%	1.007	1.004	1.70%	1.131	1.131	1.30%	1.095	1.30%	1.095	1.30%	1.095
14	0.10%	1.003	1.019	0.90%	1.004	1.003	0.10%	1.004	1.003	1.60%	1.112	1.112	1.30%	1.081	1.30%	1.081	1.30%	1.081
15	0.10%	1.002	1.010	0.80%	1.002	1.002	0.10%	1.002	1.002	1.60%	1.095	1.095	1.30%	1.067	1.30%	1.067	1.30%	1.067
16	0.10%	1.001	1.002	0.20%	1.001	1.001	0.10%	1.001	1.001	1.60%	1.077	1.077	1.30%	1.053	1.30%	1.053	1.30%	1.053
17	0.00%	1.000	1.000	0.00%	1.000	1.000	0.00%	1.000	1.000	1.60%	1.060	1.060	1.30%	1.040	1.30%	1.040	1.30%	1.040
18	0.00%	1.000	1.000	0.00%	1.000	1.000	0.00%	1.000	1.000	1.60%	1.044	1.044	1.30%	1.026	1.30%	1.026	1.30%	1.026
19	0.00%	1.000	1.000	0.00%	1.000	1.000	0.00%	1.000	1.000	1.40%	1.027	1.027	1.30%	1.013	1.30%	1.013	1.30%	1.013
20	0.00%	1.000	1.000	0.00%	1.000	1.000	0.00%	1.000	1.000	1.30%	1.013	1.013	0.00%	1.000	0.00%	1.000	0.00%	1.000
21+	0.00%	1.000	1.000	0.00%	1.000	1.000	0.00%	1.000	1.000	0.00%	1.000	1.000	0.00%	1.000	0.00%	1.000	0.00%	1.000

Probability of Service Retirement																		
Age	PERS						TRS											
	Plan 1			Plan 2/3*			Plan 1			Plan 2/3*								
	Male	Female		Male	Female		Male	Female		Male	Female		Male	Female				
			Service less than 30 years			Service greater than or equal to 30 years			Service not equal to 30 years			Service equal to 30 years			Service less than 30 years			Service greater than or equal to 30 years
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.66	0.41	0.00	0.00	0.00	0.00	0.27	0.22	0.43	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.59	0.44	0.00	0.00	0.00	0.00	0.27	0.22	0.43	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.54	0.38	0.00	0.00	0.00	0.00	0.28	0.22	0.44	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.54	0.34	0.00	0.00	0.00	0.00	0.28	0.22	0.44	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.54	0.54	0.00	0.00	0.00	0.00	0.28	0.22	0.44	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.23	0.27	0.05	0.05	0.07	0.07	0.28	0.22	0.44	0.33	0.05	0.03	0.05	0.05	0.08	0.08	0.05	0.05
56	0.23	0.19	0.05	0.05	0.07	0.07	0.22	0.22	0.39	0.33	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.08
57	0.23	0.18	0.05	0.05	0.07	0.07	0.22	0.22	0.38	0.33	0.05	0.10	0.05	0.10	0.08	0.15	0.15	0.15
58	0.23	0.23	0.10	0.05	0.14	0.07	0.22	0.22	0.43	0.33	0.05	0.10	0.05	0.10	0.08	0.15	0.15	0.15
59	0.22	0.38	0.10	0.05	0.14	0.07	0.21	0.27	0.48	0.32	0.05	0.10	0.05	0.10	0.08	0.15	0.15	0.15
60	0.22	0.18	0.14	0.14	0.21	0.21	0.21	0.27	0.48	0.32	0.20	0.15	0.30	0.23	0.30	0.23	0.23	0.23
61	0.22	0.22	0.14	0.18	0.21	0.27	0.21	0.21	0.64	0.38	0.40	0.20	0.60	0.30	0.60	0.30	0.30	0.30
62	0.41	0.38	0.33	0.30	0.50	0.45	0.48	0.38	0.64	0.59	0.30	0.30	0.45	0.45	0.45	0.45	0.45	0.45
63	0.26	0.26	0.26	0.26	0.39	0.39	0.30	0.25	0.60	0.50	0.30	0.30	0.45	0.45	0.45	0.45	0.45	0.45
64	0.30	0.26	0.79	0.82	0.90	0.90	0.25	0.20	0.60	0.50	0.60	0.50	0.90	0.90	0.90	0.75	0.75	0.75
65	0.49	0.46	0.52	0.49	0.52	0.49	0.45	0.45	0.90	0.90	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
66	0.30	0.26	0.30	0.30	0.30	0.30	0.45	0.35	0.90	0.90	0.50	0.30	0.50	0.30	0.50	0.30	0.30	0.30
67	0.30	0.26	0.22	0.26	0.22	0.26	0.35	0.30	0.90	0.90	0.50	0.25	0.50	0.25	0.50	0.25	0.25	0.25
68	0.30	0.26	0.22	0.26	0.22	0.26	0.30	0.35	0.90	0.90	0.50	0.25	0.50	0.25	0.50	0.25	0.25	0.25
69	0.30	0.26	0.26	0.26	0.22	0.22	0.30	0.25	0.90	0.90	0.50	0.40	0.50	0.40	0.50	0.40	0.40	0.40
70+	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

*Approximately 50% of those eligible to retire with at least 20, but less than 30 years of service in Plan 3 elect to defer their benefits.

Probability of Service Retirement															
SERS						PSERS						WSP			
Plan 2/3*						Plan 2						Plan 1			
Age	Service less than 30 years		Service greater than or equal to 30 years		Both	Service less than 30 years		Service greater than or equal to 30 years		Both	Service less than 30 years		Service greater than or equal to 30 years		
	Male	Female	Male	Female		Male	Female	Male	Female		Male	Female		Male	Female
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.31
46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.31
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.31
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.31
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.31
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.15	0.09	0.09	0.31	0.31
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.09	0.09	0.23	0.23
52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.16	0.09	0.09	0.23	0.23
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.07	0.16	0.16	0.16	0.23	0.23
54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.09	0.19	0.19	0.19	0.23	0.23
55	0.05	0.05	0.07	0.07	0.07	0.03	0.03	0.03	0.03	0.14	0.24	0.24	0.24	0.23	0.23
56	0.05	0.05	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.14	0.25	0.25	0.25	0.28	0.28
57	0.05	0.05	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.14	0.26	0.26	0.26	0.28	0.28
58	0.10	0.05	0.14	0.07	0.14	0.15	0.11	0.11	0.11	0.21	0.33	0.33	0.33	0.28	0.28
59	0.10	0.05	0.14	0.07	0.14	0.16	0.12	0.12	0.12	0.21	0.33	0.33	0.33	0.28	0.28
60	0.14	0.14	0.21	0.21	0.21	0.30	0.36	0.36	0.36	0.23	0.35	0.33	0.33	1.00	1.00
61	0.14	0.18	0.21	0.27	0.27	0.26	0.26	0.26	0.26	0.28	0.40	0.40	0.37	1.00	1.00
62	0.33	0.30	0.50	0.45	0.45	0.36	0.36	0.36	0.36	0.28	0.40	0.40	0.37	1.00	1.00
63	0.26	0.26	0.39	0.39	0.39	0.50	0.50	0.50	0.50	0.28	0.40	0.40	0.37	1.00	1.00
64	0.79	0.82	0.90	0.90	0.90	0.89	0.89	0.89	0.89	0.40	0.52	0.48	0.48	1.00	1.00
65	0.52	0.49	0.52	0.49	0.49	0.46	0.31	0.31	0.31	1.00	1.00	1.00	1.00	1.00	1.00
66	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	1.00	1.00	1.00	1.00	1.00	1.00
67	0.22	0.26	0.22	0.26	0.26	0.22	0.26	0.26	0.26	1.00	1.00	1.00	1.00	1.00	1.00
68	0.22	0.26	0.22	0.26	0.26	0.22	0.26	0.26	0.26	1.00	1.00	1.00	1.00	1.00	1.00
69	0.26	0.22	0.26	0.22	0.22	0.26	0.22	0.22	0.22	1.00	1.00	1.00	1.00	1.00	1.00
70+	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

*Approximately 50% of those eligible to retire with at least 20, but less than 30 years of service in Plan 3 elect to defer their benefits.

RP-2000 Mortality Rates Combined Healthy Table		Mortality													
		Age		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Age	Offset	Age	Age	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	(Years) -->			0	0	-2	-2	0	-2	0	0	0	0	0	0
20		20	20	0.000345	0.000191	0.000345	0.000191	0.000345	0.000191	0.000345	0.000191	0.000345	0.000191	0.000345	0.000191
21		21	21	0.000357	0.000192	0.000345	0.000191	0.000357	0.000191	0.000357	0.000191	0.000357	0.000192	0.000357	0.000192
22		22	22	0.000366	0.000194	0.000345	0.000191	0.000366	0.000191	0.000366	0.000194	0.000366	0.000194	0.000366	0.000194
23		23	23	0.000373	0.000197	0.000357	0.000192	0.000373	0.000192	0.000373	0.000197	0.000373	0.000197	0.000373	0.000197
24		24	24	0.000376	0.000201	0.000366	0.000194	0.000376	0.000194	0.000376	0.000201	0.000376	0.000201	0.000376	0.000201
25		25	25	0.000376	0.000207	0.000373	0.000197	0.000376	0.000197	0.000376	0.000207	0.000376	0.000207	0.000376	0.000207
26		26	26	0.000378	0.000214	0.000376	0.000201	0.000378	0.000201	0.000378	0.000214	0.000378	0.000214	0.000378	0.000214
27		27	27	0.000382	0.000223	0.000376	0.000207	0.000382	0.000207	0.000382	0.000223	0.000382	0.000223	0.000382	0.000223
28		28	28	0.000393	0.000235	0.000378	0.000214	0.000393	0.000214	0.000393	0.000235	0.000393	0.000235	0.000393	0.000235
29		29	29	0.000412	0.000248	0.000382	0.000223	0.000412	0.000223	0.000412	0.000248	0.000412	0.000248	0.000412	0.000248
30		30	30	0.000444	0.000264	0.000393	0.000235	0.000444	0.000235	0.000444	0.000264	0.000444	0.000264	0.000444	0.000264
31		31	31	0.000499	0.000307	0.000412	0.000248	0.000499	0.000248	0.000499	0.000307	0.000499	0.000307	0.000499	0.000307
32		32	32	0.000562	0.000350	0.000444	0.000264	0.000562	0.000264	0.000562	0.000350	0.000562	0.000350	0.000562	0.000350
33		33	33	0.000631	0.000394	0.000499	0.000307	0.000631	0.000307	0.000631	0.000394	0.000631	0.000394	0.000631	0.000394
34		34	34	0.000702	0.000435	0.000562	0.000350	0.000702	0.000350	0.000702	0.000435	0.000702	0.000435	0.000702	0.000435
35		35	35	0.000773	0.000475	0.000631	0.000394	0.000773	0.000394	0.000773	0.000475	0.000773	0.000475	0.000773	0.000475
36		36	36	0.000841	0.000514	0.000702	0.000435	0.000841	0.000435	0.000841	0.000514	0.000841	0.000514	0.000841	0.000514
37		37	37	0.000904	0.000554	0.000773	0.000475	0.000904	0.000475	0.000904	0.000554	0.000904	0.000554	0.000904	0.000554
38		38	38	0.000964	0.000598	0.000841	0.000514	0.000964	0.000514	0.000964	0.000598	0.000964	0.000598	0.000964	0.000598
39		39	39	0.001021	0.000648	0.000904	0.000554	0.001021	0.000554	0.001021	0.000648	0.001021	0.000648	0.001021	0.000648
40		40	40	0.001079	0.000706	0.000964	0.000598	0.001079	0.000598	0.001079	0.000706	0.001079	0.000706	0.001079	0.000706
41		41	41	0.001142	0.000774	0.001021	0.000648	0.001142	0.000648	0.001142	0.000774	0.001142	0.000774	0.001142	0.000774
42		42	42	0.001215	0.000852	0.001079	0.000706	0.001215	0.000706	0.001215	0.000852	0.001215	0.000852	0.001215	0.000852
43		43	43	0.001299	0.000937	0.001142	0.000774	0.001299	0.000774	0.001299	0.000937	0.001299	0.000937	0.001299	0.000937
44		44	44	0.001397	0.001029	0.001215	0.000852	0.001397	0.000852	0.001397	0.001029	0.001397	0.001029	0.001397	0.001029

Mortality
(Continued)

RP-2000 Mortality Rates		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans		
Age	Male	Female	Age	Male	Female	Age	Male	Female	Age	Male	Female	Age	Male	Female
Offset (Years) -->	0		Offset (Years) -->	-2		Offset (Years) -->	-2		Offset (Years) -->	0		Offset (Years) -->	0	
45	0.001508	0.001124	45	0.001508	0.001124	45	0.001508	0.000937	45	0.001508	0.001124	45	0.001508	0.001124
46	0.001616	0.001223	46	0.001616	0.001223	46	0.001616	0.001029	46	0.001616	0.001223	46	0.001616	0.001223
47	0.001734	0.001326	47	0.001734	0.001326	47	0.001734	0.001124	47	0.001734	0.001326	47	0.001734	0.001326
48	0.001860	0.001434	48	0.001860	0.001434	48	0.001860	0.001223	48	0.001860	0.001434	48	0.001860	0.001434
49	0.001995	0.001550	49	0.001995	0.001550	49	0.001995	0.001326	49	0.001995	0.001550	49	0.001995	0.001550
50	0.002138	0.001676	50	0.002138	0.001676	50	0.002138	0.001434	50	0.002138	0.001676	50	0.002138	0.001676
51	0.002449	0.001852	51	0.002449	0.001852	51	0.002449	0.001550	51	0.002449	0.001852	51	0.002449	0.001852
52	0.002667	0.002018	52	0.002667	0.002018	52	0.002667	0.001676	52	0.002667	0.002018	52	0.002667	0.002018
53	0.002916	0.002207	53	0.002916	0.002207	53	0.002916	0.001852	53	0.002916	0.002207	53	0.002916	0.002207
54	0.003196	0.002424	54	0.003196	0.002424	54	0.003196	0.002018	54	0.003196	0.002424	54	0.003196	0.002424
55	0.003624	0.002717	55	0.003624	0.002717	55	0.003624	0.002207	55	0.003624	0.002717	55	0.003624	0.002717
56	0.004200	0.003090	56	0.004200	0.003090	56	0.004200	0.002424	56	0.004200	0.003090	56	0.004200	0.003090
57	0.004693	0.003478	57	0.004693	0.003478	57	0.004693	0.002717	57	0.004693	0.003478	57	0.004693	0.003478
58	0.005273	0.003923	58	0.005273	0.003923	58	0.005273	0.003090	58	0.005273	0.003923	58	0.005273	0.003923
59	0.005945	0.004441	59	0.005945	0.004441	59	0.005945	0.003478	59	0.005945	0.004441	59	0.005945	0.004441
60	0.006747	0.005055	60	0.006747	0.005055	60	0.006747	0.003923	60	0.006747	0.005055	60	0.006747	0.005055
61	0.007676	0.005814	61	0.007676	0.005814	61	0.007676	0.004441	61	0.007676	0.005814	61	0.007676	0.005814
62	0.008757	0.006657	62	0.008757	0.006657	62	0.008757	0.005055	62	0.008757	0.006657	62	0.008757	0.006657
63	0.010012	0.007648	63	0.010012	0.007648	63	0.010012	0.005814	63	0.010012	0.007648	63	0.010012	0.007648
64	0.011280	0.008619	64	0.011280	0.008619	64	0.011280	0.006657	64	0.011280	0.008619	64	0.011280	0.008619
65	0.012737	0.009706	65	0.012737	0.009706	65	0.012737	0.007648	65	0.012737	0.009706	65	0.012737	0.009706
66	0.014409	0.010954	66	0.014409	0.010954	66	0.014409	0.008619	66	0.014409	0.010954	66	0.014409	0.010954
67	0.016075	0.012163	67	0.016075	0.012163	67	0.016075	0.009706	67	0.016075	0.012163	67	0.016075	0.012163
68	0.017871	0.013445	68	0.017871	0.013445	68	0.017871	0.010954	68	0.017871	0.013445	68	0.017871	0.013445
69	0.019802	0.014860	69	0.019802	0.014860	69	0.019802	0.012163	69	0.019802	0.014860	69	0.019802	0.014860

Mortality
(Continued)

RP-2000 Mortality Rates		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans		
Age	Male	Female	Age	Male	Female	Age	Male	Female	Age	Male	Female	Age	Male	Female
Offset	(Years) -->		Offset	(Years) -->		Offset	(Years) -->		Offset	(Years) -->		Offset	(Years) -->	
70	0.022206	0.016742	70	0.022206	0.016742	70	0.017871	0.013445	70	0.022206	0.016742	70	0.022206	0.016742
71	0.024570	0.018579	71	0.024570	0.018579	71	0.019802	0.014860	71	0.024570	0.018579	71	0.024570	0.018579
72	0.027281	0.020665	72	0.027281	0.020665	72	0.022206	0.016742	72	0.027281	0.020665	72	0.027281	0.020665
73	0.030387	0.022970	73	0.030387	0.022970	73	0.024570	0.018579	73	0.030387	0.022970	73	0.030387	0.022970
74	0.033900	0.025458	74	0.033900	0.025458	74	0.027281	0.020665	74	0.033900	0.025458	74	0.033900	0.025458
75	0.037834	0.028106	75	0.037834	0.028106	75	0.030387	0.022970	75	0.037834	0.028106	75	0.037834	0.028106
76	0.042169	0.030966	76	0.042169	0.030966	76	0.033900	0.025458	76	0.042169	0.030966	76	0.042169	0.030966
77	0.046906	0.034105	77	0.046906	0.034105	77	0.037834	0.028106	77	0.046906	0.034105	77	0.046906	0.034105
78	0.052123	0.037595	78	0.052123	0.037595	78	0.042169	0.030966	78	0.052123	0.037595	78	0.052123	0.037595
79	0.057927	0.041506	79	0.057927	0.041506	79	0.046906	0.034105	79	0.057927	0.041506	79	0.057927	0.041506
80	0.064368	0.045879	80	0.064368	0.045879	80	0.052123	0.037595	80	0.064368	0.045879	80	0.064368	0.045879
81	0.072041	0.050780	81	0.072041	0.050780	81	0.057927	0.041506	81	0.072041	0.050780	81	0.072041	0.050780
82	0.080486	0.056294	82	0.080486	0.056294	82	0.064368	0.045879	82	0.080486	0.056294	82	0.080486	0.056294
83	0.089718	0.062506	83	0.089718	0.062506	83	0.072041	0.050780	83	0.089718	0.062506	83	0.089718	0.062506
84	0.099779	0.069517	84	0.099779	0.069517	84	0.080486	0.056294	84	0.099779	0.069517	84	0.099779	0.069517
85	0.110757	0.077446	85	0.110757	0.077446	85	0.089718	0.062506	85	0.110757	0.077446	85	0.110757	0.077446
86	0.122797	0.086376	86	0.122797	0.086376	86	0.099779	0.069517	86	0.122797	0.086376	86	0.122797	0.086376
87	0.136043	0.096337	87	0.136043	0.096337	87	0.110757	0.077446	87	0.136043	0.096337	87	0.136043	0.096337
88	0.150590	0.107303	88	0.150590	0.107303	88	0.122797	0.086376	88	0.150590	0.107303	88	0.150590	0.107303
89	0.166420	0.119154	89	0.166420	0.119154	89	0.136043	0.096337	89	0.166420	0.119154	89	0.166420	0.119154
90	0.183408	0.131682	90	0.183408	0.131682	90	0.150590	0.107303	90	0.183408	0.131682	90	0.183408	0.131682
91	0.199769	0.144604	91	0.199769	0.144604	91	0.166420	0.119154	91	0.199769	0.144604	91	0.199769	0.144604
92	0.216605	0.157618	92	0.216605	0.157618	92	0.183408	0.131682	92	0.216605	0.157618	92	0.216605	0.157618
93	0.233662	0.170433	93	0.233662	0.170433	93	0.199769	0.144604	93	0.233662	0.170433	93	0.233662	0.170433
94	0.250693	0.182799	94	0.250693	0.182799	94	0.216605	0.157618	94	0.250693	0.182799	94	0.250693	0.182799

Mortality
(Continued)

RP-2000 Mortality Rates Combined Healthy Table		Age		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Age	Offset (Years) -->	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
95	95	0.267491	0.194509	0.267491	0.194509	0.233662	0.170433	0.267491	0.170433	0.267491	0.194509	0.267491	0.194509	0.267491	0.194509
96	96	0.283905	0.205379	0.283905	0.205379	0.250693	0.182799	0.283905	0.182799	0.283905	0.205379	0.283905	0.205379	0.283905	0.205379
97	97	0.299852	0.215240	0.299852	0.215240	0.267491	0.194509	0.299852	0.194509	0.299852	0.215240	0.299852	0.215240	0.299852	0.215240
98	98	0.315296	0.223947	0.315296	0.223947	0.283905	0.205379	0.315296	0.205379	0.315296	0.223947	0.315296	0.223947	0.315296	0.223947
99	99	0.330207	0.231387	0.330207	0.231387	0.299852	0.215240	0.330207	0.215240	0.330207	0.231387	0.330207	0.231387	0.330207	0.231387
100	100	0.344556	0.237467	0.344556	0.237467	0.315296	0.223947	0.344556	0.223947	0.344556	0.237467	0.344556	0.237467	0.344556	0.237467
101	101	0.358628	0.244834	0.358628	0.244834	0.330207	0.231387	0.358628	0.231387	0.358628	0.244834	0.358628	0.244834	0.358628	0.244834
102	102	0.371685	0.254498	0.371685	0.254498	0.344556	0.237467	0.371685	0.237467	0.371685	0.254498	0.371685	0.254498	0.371685	0.254498
103	103	0.383040	0.266044	0.383040	0.266044	0.358628	0.244834	0.383040	0.244834	0.383040	0.266044	0.383040	0.266044	0.383040	0.266044
104	104	0.392003	0.279055	0.392003	0.279055	0.371685	0.254498	0.392003	0.254498	0.392003	0.279055	0.392003	0.279055	0.392003	0.279055
105	105	0.397886	0.293116	0.397886	0.293116	0.383040	0.266044	0.397886	0.266044	0.397886	0.293116	0.397886	0.293116	0.397886	0.293116
106	106	0.400000	0.307811	0.400000	0.307811	0.392003	0.279055	0.400000	0.279055	0.400000	0.307811	0.400000	0.307811	0.400000	0.307811
107	107	0.400000	0.322725	0.400000	0.322725	0.397886	0.293116	0.400000	0.293116	0.400000	0.322725	0.400000	0.322725	0.400000	0.322725
108	108	0.400000	0.337441	0.400000	0.337441	0.400000	0.307811	0.400000	0.307811	0.400000	0.337441	0.400000	0.337441	0.400000	0.337441
109	109	0.400000	0.351544	0.400000	0.351544	0.400000	0.322725	0.400000	0.322725	0.400000	0.351544	0.400000	0.351544	0.400000	0.351544
110	110	0.400000	0.364617	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Age		Disabled Mortality												
		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans		
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Age Offset (Years) -->		6	6	5	2	5	2	6	6	2	2	2	2	
Minimum Probability -->		0.05	0.035	0.03	0.0175	0.03	0.03	0.05	0.035	0.005	0.005	0.005	0.005	
RP-2000 Combined Healthy Table														
Age	Female	Age	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
20	0.000345	0.000191	20	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
21	0.000357	0.000192	21	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
22	0.000366	0.000194	22	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
23	0.000373	0.000197	23	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
24	0.000376	0.000201	24	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
25	0.000376	0.000207	25	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
26	0.000378	0.000214	26	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
27	0.000382	0.000223	27	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
28	0.000393	0.000235	28	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
29	0.000412	0.000248	29	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
30	0.000444	0.000264	30	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
31	0.000499	0.000307	31	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
32	0.000562	0.000350	32	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
33	0.000631	0.000394	33	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
34	0.000702	0.000435	34	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
35	0.000773	0.000475	35	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
36	0.000841	0.000514	36	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
37	0.000904	0.000554	37	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
38	0.000964	0.000598	38	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
39	0.001021	0.000648	39	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
40	0.001079	0.000706	40	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
41	0.001142	0.000774	41	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
42	0.001215	0.000852	42	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
43	0.001299	0.000937	43	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000
44	0.001397	0.001029	44	0.050000	0.035000	0.030000	0.017500	0.030000	0.030000	0.030000	0.030000	0.035000	0.050000	0.005000

Disabled Mortality

(Continued)

Age Offset (Years) -->		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans	
Age	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
45	0.001508	0.001124	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
46	0.001616	0.001223	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
47	0.001734	0.001326	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
48	0.001860	0.001434	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
49	0.001995	0.001550	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
50	0.002138	0.001676	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
51	0.002449	0.001852	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
52	0.002667	0.002018	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
53	0.002916	0.002207	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
54	0.003196	0.002424	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
55	0.003624	0.002717	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005000	0.005000	0.005000	0.005000
56	0.004200	0.003090	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005273	0.005000	0.005273	0.005000
57	0.004693	0.003478	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.005945	0.005000	0.005945	0.005000
58	0.005273	0.003923	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.006747	0.005055	0.006747	0.005055
59	0.005945	0.004441	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.007676	0.005814	0.007676	0.005814
60	0.006747	0.005055	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.008757	0.006657	0.008757	0.006657
61	0.007676	0.005814	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.010012	0.007648	0.010012	0.007648
62	0.008757	0.006657	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.011280	0.008619	0.011280	0.008619
63	0.010012	0.007648	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.012737	0.009706	0.012737	0.009706
64	0.011280	0.008619	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.014409	0.010954	0.014409	0.010954
65	0.012737	0.009706	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.016075	0.012163	0.016075	0.012163
66	0.014409	0.010954	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.017871	0.013445	0.017871	0.013445
67	0.016075	0.012163	0.050000	0.030000	0.017500	0.030000	0.030000	0.050000	0.035000	0.019802	0.014860	0.019802	0.014860
68	0.017871	0.013445	0.050000	0.030387	0.017500	0.030000	0.030387	0.050000	0.035000	0.022206	0.016742	0.022206	0.016742
69	0.019802	0.014860	0.050000	0.033900	0.018579	0.033900	0.033900	0.050000	0.035000	0.024570	0.018579	0.024570	0.018579

RP-2000 Combined Healthv Table

Disabled Mortality
(Continued)

Age Offset (Years) -->		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans	
		6		5		5		6		2		2	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Minimum Probability --->		0.05	0.035	0.03	0.0175	0.03	0.03	0.05	0.035	0.005	0.005	0.005	0.005
RP-2000 Combined Healthv Table													
Age	Male	Female	Age	Male	Female	Age	Male	Female	Age	Male	Female	Age	Female
70	0.022206	0.016742	70	0.050000	0.035000	0.037834	0.020665	0.030000	0.050000	0.035000	0.027281	0.020665	0.020665
71	0.024570	0.018579	71	0.050000	0.035000	0.042169	0.022970	0.030000	0.050000	0.035000	0.030387	0.022970	0.022970
72	0.027281	0.020665	72	0.052123	0.037595	0.046906	0.025458	0.030000	0.052123	0.037595	0.033900	0.025458	0.025458
73	0.030387	0.022970	73	0.052123	0.041506	0.052123	0.028106	0.030000	0.057927	0.041506	0.037834	0.028106	0.028106
74	0.033900	0.025458	74	0.064368	0.045879	0.057927	0.030966	0.030966	0.064368	0.045879	0.042169	0.030966	0.030966
75	0.037834	0.028106	75	0.072041	0.050780	0.064368	0.034105	0.034105	0.072041	0.050780	0.046906	0.034105	0.034105
76	0.042169	0.030966	76	0.080486	0.056294	0.072041	0.037595	0.037595	0.080486	0.056294	0.052123	0.037595	0.037595
77	0.046906	0.034105	77	0.089718	0.062506	0.080486	0.041506	0.041506	0.089718	0.062506	0.057927	0.041506	0.041506
78	0.052123	0.037595	78	0.099779	0.069517	0.089718	0.045879	0.045879	0.099779	0.069517	0.064368	0.045879	0.045879
79	0.057927	0.041506	79	0.110757	0.077446	0.099779	0.050780	0.050780	0.110757	0.077446	0.072041	0.050780	0.050780
80	0.064368	0.045879	80	0.122797	0.086376	0.110757	0.056294	0.056294	0.122797	0.086376	0.080486	0.056294	0.056294
81	0.072041	0.050780	81	0.136043	0.096337	0.122797	0.062506	0.062506	0.136043	0.096337	0.089718	0.062506	0.062506
82	0.080486	0.056294	82	0.150590	0.107303	0.136043	0.069517	0.069517	0.150590	0.107303	0.099779	0.069517	0.069517
83	0.089718	0.062506	83	0.166420	0.119154	0.150590	0.077446	0.077446	0.166420	0.119154	0.110757	0.077446	0.077446
84	0.099779	0.069517	84	0.183408	0.131682	0.166420	0.086376	0.086376	0.183408	0.131682	0.122797	0.086376	0.086376
85	0.110757	0.077446	85	0.199769	0.144604	0.183408	0.096337	0.096337	0.199769	0.144604	0.136043	0.096337	0.096337
86	0.122797	0.086376	86	0.216605	0.157618	0.199769	0.107303	0.107303	0.216605	0.157618	0.150590	0.107303	0.107303
87	0.136043	0.096337	87	0.233662	0.170433	0.216605	0.119154	0.119154	0.233662	0.170433	0.166420	0.119154	0.119154
88	0.150590	0.107303	88	0.250693	0.182799	0.233662	0.131682	0.131682	0.250693	0.182799	0.183408	0.131682	0.131682
89	0.166420	0.119154	89	0.267491	0.194509	0.250693	0.144604	0.144604	0.267491	0.194509	0.199769	0.144604	0.144604
90	0.183408	0.131682	90	0.283905	0.205379	0.267491	0.157618	0.157618	0.283905	0.205379	0.216605	0.157618	0.157618
91	0.199769	0.144604	91	0.299852	0.215240	0.283905	0.170433	0.170433	0.299852	0.215240	0.233662	0.170433	0.170433
92	0.216605	0.157618	92	0.315296	0.223947	0.299852	0.182799	0.182799	0.315296	0.223947	0.250693	0.182799	0.182799
93	0.233662	0.170433	93	0.330207	0.231387	0.315296	0.194509	0.194509	0.330207	0.231387	0.267491	0.194509	0.194509
94	0.250693	0.182799	94	0.344556	0.237467	0.330207	0.205379	0.205379	0.344556	0.237467	0.283905	0.205379	0.205379

Disabled Mortality
(Continued)

Age		PERS - all plans		TRS - all plans		SERS - all plans		PSERS - all plans		LEOFF - all plans		WSP - all plans										
		6	0.05	6	0.035	5	0.03	5	0.03	6	0.05	6	0.035	2	0.005	2	0.005	2	0.005			
		Age	Female	Age	Male	Age	Female	Age	Male	Age	Female	Age	Male	Age	Female	Age	Male	Age	Female	Age	Male	
Age Offset (Years) -->		95	0.194509	95	0.358628	0.244834	0.344556	0.215240	0.344556	0.215240	0.358628	0.244834	0.344556	0.215240	0.358628	0.244834	0.344556	0.215240	0.358628	0.244834	0.344556	0.215240
Minimum Probability ---->		96	0.283905	0.205379	96	0.371685	0.254498	0.223947	0.358628	0.223947	0.371685	0.254498	0.358628	0.223947	0.371685	0.254498	0.358628	0.223947	0.371685	0.254498	0.358628	0.223947
RP-2000 Combined Healthy Table		97	0.299852	0.215240	97	0.383040	0.266044	0.231387	0.371685	0.231387	0.383040	0.266044	0.371685	0.231387	0.383040	0.266044	0.371685	0.231387	0.383040	0.266044	0.371685	0.231387
98	0.315296	0.223947	98	0.392003	0.279055	0.383040	0.237467	0.392003	0.237467	0.392003	0.279055	0.383040	0.237467	0.392003	0.279055	0.383040	0.237467	0.392003	0.279055	0.383040	0.237467	
99	0.330207	0.231387	99	0.397886	0.293116	0.392003	0.244834	0.392003	0.244834	0.397886	0.293116	0.392003	0.244834	0.397886	0.293116	0.392003	0.244834	0.397886	0.293116	0.392003	0.244834	
100	0.344556	0.237467	100	0.400000	0.307811	0.397886	0.254498	0.397886	0.254498	0.400000	0.307811	0.397886	0.254498	0.397886	0.254498	0.400000	0.307811	0.397886	0.254498	0.397886	0.254498	
101	0.358628	0.244834	101	0.400000	0.322725	0.400000	0.266044	0.400000	0.266044	0.400000	0.322725	0.400000	0.266044	0.400000	0.322725	0.400000	0.266044	0.400000	0.322725	0.400000	0.266044	
102	0.371685	0.254498	102	0.400000	0.337441	0.400000	0.279055	0.400000	0.279055	0.400000	0.337441	0.400000	0.279055	0.400000	0.337441	0.400000	0.279055	0.400000	0.337441	0.400000	0.279055	
103	0.383040	0.266044	103	0.400000	0.351544	0.400000	0.293116	0.400000	0.293116	0.400000	0.351544	0.400000	0.293116	0.400000	0.351544	0.400000	0.293116	0.400000	0.351544	0.400000	0.293116	
104	0.392003	0.279055	104	0.400000	0.364617	0.400000	0.307811	0.400000	0.307811	0.400000	0.364617	0.400000	0.307811	0.400000	0.364617	0.400000	0.307811	0.400000	0.364617	0.400000	0.307811	
105	0.397886	0.293116	105	0.400000	0.376246	0.400000	0.322725	0.400000	0.322725	0.400000	0.376246	0.400000	0.322725	0.400000	0.376246	0.400000	0.322725	0.400000	0.376246	0.400000	0.322725	
106	0.400000	0.307811	106	0.400000	0.386015	0.400000	0.337441	0.400000	0.337441	0.400000	0.386015	0.400000	0.337441	0.400000	0.386015	0.400000	0.337441	0.400000	0.386015	0.400000	0.337441	
107	0.400000	0.322725	107	0.400000	0.393507	0.400000	0.351544	0.400000	0.351544	0.400000	0.393507	0.400000	0.351544	0.400000	0.393507	0.400000	0.351544	0.400000	0.393507	0.400000	0.351544	
108	0.400000	0.337441	108	0.400000	0.398308	0.400000	0.364617	0.400000	0.364617	0.400000	0.398308	0.400000	0.364617	0.400000	0.398308	0.400000	0.364617	0.400000	0.398308	0.400000	0.364617	
109	0.400000	0.351544	109	0.400000	0.400000	0.400000	0.376246	0.400000	0.376246	0.400000	0.400000	0.400000	0.376246	0.400000	0.400000	0.400000	0.376246	0.400000	0.400000	0.400000	0.376246	
110	0.400000	0.364617	110	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	

Probability of Disablement								
Age	PERS				TRS			
	Plan 1		Plan 2/3		Plan 1		Plan 2/3	
	Male	Female	Male	Female	Male	Female	Male	Female
20	0.000000	0.000000	0.000000	0.000000	0.000013	0.000014	0.000003	0.000003
21	0.000000	0.000000	0.000000	0.000000	0.000020	0.000020	0.000005	0.000004
22	0.000000	0.000000	0.000000	0.000000	0.000029	0.000030	0.000008	0.000006
23	0.000000	0.000000	0.000017	0.000000	0.000043	0.000043	0.000011	0.000009
24	0.000000	0.000000	0.000035	0.000000	0.000062	0.000062	0.000016	0.000013
25	0.000000	0.000000	0.000052	0.000000	0.000091	0.000092	0.000024	0.000019
26	0.000000	0.000000	0.000069	0.000000	0.000106	0.000107	0.000027	0.000022
27	0.000000	0.000000	0.000086	0.000000	0.000122	0.000123	0.000032	0.000026
28	0.000000	0.000000	0.000096	0.000019	0.000141	0.000142	0.000036	0.000030
29	0.000000	0.000000	0.000106	0.000037	0.000162	0.000164	0.000042	0.000034
30	0.000000	0.000000	0.000115	0.000056	0.000187	0.000190	0.000048	0.000040
31	0.000000	0.000000	0.000125	0.000074	0.000209	0.000212	0.000054	0.000044
32	0.000000	0.000000	0.000135	0.000093	0.000233	0.000236	0.000060	0.000050
33	0.000000	0.000000	0.000142	0.000126	0.000258	0.000262	0.000067	0.000055
34	0.000000	0.000000	0.000149	0.000160	0.000288	0.000292	0.000074	0.000061
35	0.000310	0.000319	0.000156	0.000194	0.000321	0.000326	0.000083	0.000068
36	0.000367	0.000377	0.000164	0.000228	0.000340	0.000345	0.000088	0.000072
37	0.000432	0.000445	0.000171	0.000262	0.000360	0.000365	0.000093	0.000077
38	0.000508	0.000522	0.000192	0.000266	0.000382	0.000387	0.000099	0.000081
39	0.000593	0.000610	0.000213	0.000271	0.000404	0.000410	0.000105	0.000086
40	0.000762	0.000710	0.000235	0.000275	0.000428	0.000434	0.000111	0.000091
41	0.000873	0.000823	0.000256	0.000279	0.000502	0.000509	0.000130	0.000107
42	0.000983	0.001257	0.000277	0.000283	0.000588	0.000596	0.000152	0.000125
43	0.001149	0.001315	0.000344	0.000345	0.000688	0.000698	0.000178	0.000146
44	0.001315	0.001373	0.000410	0.000406	0.000806	0.000817	0.000208	0.000171
45	0.001481	0.001431	0.000476	0.000467	0.000944	0.000957	0.000244	0.000201
46	0.001647	0.001489	0.000542	0.000528	0.001054	0.001068	0.000272	0.000224
47	0.001813	0.001547	0.000609	0.000589	0.001176	0.001192	0.000304	0.000250
48	0.002056	0.002039	0.000713	0.000727	0.001312	0.001330	0.000339	0.000279
49	0.002299	0.002531	0.000817	0.000865	0.001464	0.001483	0.000378	0.000311
50	0.002542	0.003023	0.000922	0.001003	0.001634	0.001656	0.000422	0.000347
51	0.002784	0.003514	0.001026	0.001141	0.001885	0.001911	0.000487	0.000401
52	0.003027	0.004006	0.001131	0.001278	0.002177	0.002207	0.000563	0.000463
53	0.004768	0.004808	0.001631	0.001780	0.002512	0.002546	0.000649	0.000534
54	0.006505	0.005610	0.002130	0.002281	0.002900	0.002939	0.000750	0.000617
55	0.008240	0.006411	0.002630	0.002782	0.003347	0.003393	0.000866	0.000712
56	0.009972	0.007211	0.003129	0.003283	0.003580	0.003629	0.000926	0.000762
57	0.011701	0.008011	0.003628	0.003783	0.003829	0.003881	0.000990	0.000814
58	0.011701	0.007508	0.004955	0.005084	0.004096	0.004151	0.001059	0.000871
59	0.011701	0.007005	0.006280	0.006384	0.004381	0.004440	0.001133	0.000932
60	0.011701	0.006502	0.007603	0.007681	0.004686	0.004750	0.001212	0.000997
61	0.011701	0.005998	0.008925	0.008977	0.005219	0.005290	0.001349	0.001110
62	0.011701	0.005495	0.010244	0.010271	0.005814	0.005892	0.001503	0.001237
63	0.011701	0.005495	0.010244	0.010271	0.006475	0.006563	0.001674	0.001377
64	0.011701	0.005495	0.010244	0.010271	0.007213	0.007311	0.001865	0.001534
65	0.011701	0.005495	0.010244	0.010271	0.000000	0.000000	0.000000	0.000000
66	0.011701	0.005495	0.010244	0.010271	0.000000	0.000000	0.000000	0.000000
67	0.011701	0.005495	0.010244	0.010271	0.000000	0.000000	0.000000	0.000000
68	0.011701	0.005495	0.010244	0.010271	0.000000	0.000000	0.000000	0.000000
69	0.011701	0.005495	0.010244	0.010271	0.000000	0.000000	0.000000	0.000000
70	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

No TRS Plan 1 or PERS Plan 1 disabilities are assumed for members beyond 60 years of age.
 10% of all PERS Plan 1 disabilities are assumed to be duty related.

Probability of Disablement (Continued)									
SERS			PSERS		LEOFF			WSP	
Plan 2/3			Plan 2		Plan 1	Plan 2		Plan 1	Plan 2
Age	Male	Female	Male	Female	Both	Duty	Nonduty	Both	Both
20	0.000000	0.000000	0.000000	0.000000	0.001000	0.001010	0.000022	0.001000	0.001000
21	0.000000	0.000000	0.000000	0.000000	0.001000	0.001034	0.000022	0.001000	0.001000
22	0.000000	0.000000	0.000000	0.000000	0.001000	0.001059	0.000022	0.001000	0.001000
23	0.000000	0.000000	0.000017	0.000000	0.001000	0.001084	0.000022	0.001000	0.001000
24	0.000000	0.000000	0.000035	0.000000	0.001000	0.001110	0.000022	0.001000	0.001000
25	0.000000	0.000000	0.000052	0.000000	0.001000	0.001137	0.000022	0.001000	0.001000
26	0.000000	0.000000	0.000069	0.000000	0.002397	0.001164	0.000024	0.001000	0.001000
27	0.000000	0.000000	0.000086	0.000000	0.003793	0.001192	0.000026	0.001000	0.001000
28	0.000000	0.000016	0.000096	0.000019	0.005187	0.001221	0.000028	0.001000	0.001000
29	0.000000	0.000032	0.000106	0.000037	0.006578	0.001250	0.000031	0.001000	0.001000
30	0.000000	0.000048	0.000115	0.000056	0.007968	0.001280	0.000033	0.001000	0.001000
31	0.000000	0.000064	0.000125	0.000074	0.009356	0.001367	0.000035	0.001000	0.001000
32	0.000000	0.000080	0.000135	0.000093	0.010742	0.001460	0.000037	0.001000	0.001000
33	0.000027	0.000112	0.000142	0.000126	0.012126	0.001559	0.000039	0.001000	0.001000
34	0.000054	0.000144	0.000149	0.000160	0.013508	0.001665	0.000042	0.001000	0.001000
35	0.000081	0.000176	0.000156	0.000194	0.014888	0.001778	0.000044	0.001000	0.001000
36	0.000108	0.000208	0.000164	0.000228	0.016267	0.001899	0.000050	0.001000	0.001000
37	0.000135	0.000241	0.000171	0.000262	0.019033	0.002028	0.000057	0.001000	0.001000
38	0.000176	0.000215	0.000192	0.000266	0.020514	0.002166	0.000066	0.001000	0.001000
39	0.000217	0.000190	0.000213	0.000271	0.021994	0.002313	0.000077	0.001000	0.001000
40	0.000258	0.000164	0.000235	0.000275	0.023471	0.002470	0.000088	0.001000	0.001000
41	0.000300	0.000139	0.000256	0.000279	0.024946	0.002627	0.000098	0.001000	0.001000
42	0.000341	0.000113	0.000277	0.000283	0.026419	0.002794	0.000109	0.001000	0.001000
43	0.000416	0.000143	0.000344	0.000345	0.027889	0.002971	0.000123	0.001000	0.001000
44	0.000492	0.000172	0.000410	0.000406	0.036042	0.003159	0.000138	0.001000	0.001000
45	0.000568	0.000201	0.000476	0.000467	0.042372	0.003360	0.000153	0.001000	0.001000
46	0.000643	0.000231	0.000542	0.000528	0.048661	0.004317	0.000197	0.001000	0.001000
47	0.000719	0.000260	0.000609	0.000589	0.054909	0.005546	0.000256	0.001000	0.001000
48	0.000846	0.000419	0.000713	0.000727	0.061118	0.007125	0.000328	0.001000	0.001000
49	0.000974	0.000579	0.000817	0.000865	0.067287	0.009154	0.000424	0.001000	0.001000
50	0.001102	0.000738	0.000922	0.001003	0.073417	0.011760	0.000547	0.001000	0.001000
51	0.001230	0.000897	0.001026	0.001141	0.079508	0.014078	0.000628	0.001000	0.001000
52	0.001357	0.001057	0.001131	0.001278	0.085561	0.016852	0.000722	0.001000	0.001000
53	0.002048	0.001664	0.001631	0.001780	0.091576	0.020174	0.000851	0.001000	0.001000
54	0.002738	0.002270	0.002130	0.002281	0.097553	0.024150	0.000951	0.001000	0.001000
55	0.003428	0.002876	0.002630	0.002782	0.103493	0.028910	0.000951	0.001000	0.001000
56	0.004117	0.003482	0.003129	0.003283	0.109395	0.028910	0.000951	0.001000	0.001000
57	0.004805	0.004087	0.003628	0.003783	0.115262	0.028910	0.000951	0.001000	0.001000
58	0.006303	0.004588	0.004955	0.005084	0.121663	0.028910	0.000951	0.001000	0.001000
59	0.007799	0.005089	0.006280	0.006384	0.121663	0.028910	0.000951	0.001000	0.001000
60	0.009292	0.005589	0.007603	0.007681	0.121663	0.028910	0.000951	0.001000	0.001000
61	0.010783	0.006089	0.008925	0.008977	0.121663	0.028910	0.000951	0.001000	0.001000
62	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
63	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
64	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
65	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
66	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
67	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
68	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
69	0.012272	0.006589	0.010244	0.010271	0.121663	0.028910	0.000951	0.001000	0.001000
70	0.000000	0.000000	0.000000	0.000000	0.121663	0.028910	0.000951	0.001000	0.001000

No TRS Plan 1 or PERS Plan 1 disabilities are assumed for members beyond 60 years of age.

10% of all PERS Plan 1 disabilities are assumed to be duty related.

LEOFF Plan 1 and WSP disability retirements are assumed to continue after service retirement begins, except for LEOFF 1 members with more than 30 years of service.

Probability of Termination											
Srv. Yrs.	PERS All Plans		TRS All Plans		SERS All Plans		PSERS Plan 2		LEOFF Plan 1	LEOFF Plan 2	WSP All Plans
	Male	Female	Male	Female	Male	Female	Male	Female	Male & Female	Male & Female	Male & Female
0	0.2590	0.2639	0.0965	0.1000	0.2590	0.1945	0.2590	0.2639	0.1043	0.1033	0.0243
1	0.1546	0.1672	0.0965	0.1000	0.1609	0.1287	0.1546	0.1672	0.0469	0.0459	0.0243
2	0.1020	0.1172	0.0600	0.0700	0.1154	0.1007	0.1020	0.1172	0.0237	0.0227	0.0243
3	0.0769	0.0925	0.0400	0.0550	0.1007	0.0760	0.0769	0.0925	0.0208	0.0198	0.0243
4	0.0639	0.0769	0.0400	0.0450	0.0852	0.0658	0.0639	0.0769	0.0198	0.0188	0.0243
5	0.0531	0.0653	0.0350	0.0400	0.0728	0.0597	0.0531	0.0653	0.0194	0.0184	0.0138
6	0.0435	0.0587	0.0300	0.0350	0.0606	0.0531	0.0435	0.0587	0.0194	0.0184	0.0138
7	0.0407	0.0531	0.0220	0.0300	0.0559	0.0521	0.0407	0.0531	0.0194	0.0184	0.0138
8	0.0373	0.0469	0.0210	0.0260	0.0493	0.0483	0.0373	0.0469	0.0167	0.0157	0.0138
9	0.0354	0.0411	0.0200	0.0200	0.0464	0.0464	0.0354	0.0411	0.0167	0.0157	0.0138
10	0.0325	0.0387	0.0190	0.0195	0.0426	0.0450	0.0325	0.0387	0.0167	0.0157	0.0087
11	0.0310	0.0354	0.0180	0.0190	0.0402	0.0445	0.0310	0.0354	0.0142	0.0132	0.0087
12	0.0305	0.0315	0.0180	0.0170	0.0383	0.0440	0.0305	0.0315	0.0142	0.0132	0.0087
13	0.0286	0.0310	0.0100	0.0140	0.0373	0.0440	0.0286	0.0310	0.0142	0.0132	0.0087
14	0.0276	0.0300	0.0100	0.0140	0.0325	0.0421	0.0276	0.0300	0.0099	0.0089	0.0087
15	0.0266	0.0286	0.0100	0.0140	0.0296	0.0426	0.0266	0.0286	0.0099	0.0089	0.0064
16	0.0237	0.0262	0.0100	0.0140	0.0266	0.0378	0.0237	0.0262	0.0099	0.0089	0.0064
17	0.0213	0.0227	0.0095	0.0110	0.0242	0.0344	0.0213	0.0227	0.0070	0.0060	0.0064
18	0.0183	0.0198	0.0090	0.0090	0.0203	0.0310	0.0183	0.0198	0.0070	0.0060	0.0064
19	0.0149	0.0173	0.0080	0.0090	0.0159	0.0262	0.0149	0.0173	0.0070	0.0060	0.0064
20	0.0114	0.0144	0.0070	0.0090	0.0124	0.0203	0.0114	0.0144	0.0070	0.0060	0.0019
21	0.0095	0.0114	0.0050	0.0050	0.0114	0.0159	0.0095	0.0114	0.0070	0.0060	0.0019
22	0.0075	0.0095	0.0050	0.0050	0.0085	0.0129	0.0075	0.0095	0.0070	0.0060	0.0019
23	0.0060	0.0080	0.0050	0.0050	0.0065	0.0085	0.0060	0.0080	0.0070	0.0060	0.0019
24	0.0055	0.0055	0.0050	0.0050	0.0065	0.0075	0.0055	0.0055	0.0070	0.0060	0.0019
25	0.0050	0.0045	0.0050	0.0050	0.0050	0.0075	0.0050	0.0045	0.0070	0.0060	0.0000
26	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0070	0.0060	0.0000
27	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0070	0.0060	0.0000
28	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0070	0.0060	0.0000
29	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
30	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
31	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
32	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
33	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
34	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
35	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
36	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
37	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
38	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
39	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
40	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
41	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
42	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
43	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
44	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
45	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
46	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
47	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
48	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
49	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000
50	0.0040	0.0040	0.0050	0.0050	0.0050	0.0075	0.0040	0.0040	0.0000	0.0000	0.0000

Probability of Vesting upon Termination*								
<i>(for those not eligible to retire early)</i>								
Srv. Yrs.	PERS		TRS		SERS	PSERS	LEOFF	WSP
	Plan 1	Plan 2	Plan 1	Plan 2	Plan 2	Plan 2	Plan 2	Male & Female
	Male & Female	Male & Female	Male & Female	Male & Female	Male & Female	Male & Female	Male & Female	
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.65	0.60	0.50	0.00	0.00	0.00
5	0.35	0.35	0.65	0.60	0.50	0.35	0.15	0.15
6	0.45	0.35	0.75	0.60	0.55	0.35	0.15	0.15
7	0.45	0.40	0.75	0.60	0.55	0.40	0.15	0.15
8	0.45	0.40	0.75	0.65	0.55	0.40	0.15	0.15
9	0.45	0.45	0.75	0.65	0.60	0.45	0.15	0.15
10	0.45	0.45	0.75	0.65	0.60	0.45	0.15	0.15
11	0.45	0.45	0.75	0.65	0.60	0.45	0.15	0.15
12	0.45	0.45	0.75	0.70	0.60	0.45	0.15	0.15
13	0.45	0.45	0.85	0.70	0.65	0.45	0.15	0.15
14	0.55	0.45	0.85	0.70	0.65	0.45	0.15	0.15
15	0.55	0.50	0.85	0.70	0.70	0.50	0.15	0.15
16	0.60	0.50	0.85	0.80	0.70	0.50	0.15	0.15
17	0.60	0.55	0.85	0.80	0.70	0.55	0.15	0.15
18	0.60	0.55	0.85	0.85	0.70	0.55	0.35	0.35
19	0.60	0.60	0.85	0.85	0.70	0.60	0.35	0.35
20	0.60	0.60	0.90	0.90	0.75	0.60	0.75	0.75
21	0.60	0.60	0.90	0.90	0.80	0.60	1.00	1.00
22	0.60	0.60	0.90	0.90	0.80	0.60	1.00	1.00
23	0.60	0.60	0.90	0.90	0.80	0.60	1.00	1.00
24	0.60	0.60	0.90	0.90	0.80	0.60	1.00	1.00
25	0.65	0.65	0.90	0.90	0.80	0.65	1.00	1.00
26	0.65	0.65	0.95	0.95	1.00	0.65	1.00	1.00
27	0.75	0.75	1.00	1.00	1.00	0.75	1.00	1.00
28	0.75	0.75	1.00	1.00	1.00	0.75	1.00	1.00
29	0.75	0.75	1.00	1.00	1.00	0.75	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
31	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
32	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
33	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
42	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
43	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
45	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
46	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
47	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
49	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

*Denotes ratio of members who do not withdraw their savings when they leave employment.

Ratio of Survivors Selecting Annuities*												
Age	PERS 1		PERS 2		PERS 3		TRS 1		TRS 2		TRS 3	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
20	0.00	0.00	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.20	0.35
21	0.00	0.00	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.20	0.35
22	0.00	0.00	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.20	0.35
23	0.00	0.00	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.20	0.35
24	0.00	0.00	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.20	0.35
25	0.00	0.00	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.48	0.63
26	0.00	0.00	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.48	0.63
27	0.00	0.00	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.48	0.63
28	0.00	0.00	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.48	0.63
29	0.00	0.00	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.48	0.63
30	0.00	0.00	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.64	0.73
31	0.00	0.00	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.64	0.73
32	0.00	0.00	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.64	0.73
33	0.00	0.00	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.64	0.73
34	0.00	0.00	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.64	0.73
35	0.00	0.00	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.72	0.75
36	0.00	0.00	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.72	0.75
37	0.00	0.00	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.72	0.75
38	0.00	0.00	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.72	0.75
39	0.00	0.00	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.72	0.75
40	0.45	0.10	0.05	0.00	0.77	0.76	0.65	0.55	0.00	0.00	0.77	0.76
41	0.45	0.10	0.05	0.00	0.77	0.76	0.65	0.55	0.00	0.00	0.77	0.76
42	0.45	0.10	0.05	0.00	0.77	0.76	0.65	0.55	0.00	0.00	0.77	0.76
43	0.45	0.10	0.05	0.00	0.77	0.76	0.65	0.55	0.00	0.00	0.77	0.76
44	0.45	0.10	0.05	0.00	0.77	0.76	0.65	0.55	0.00	0.00	0.77	0.76
45	0.55	0.40	0.05	0.00	0.79	0.76	0.65	0.55	0.00	0.00	0.79	0.76
46	0.55	0.40	0.05	0.00	0.79	0.76	0.65	0.55	0.00	0.00	0.79	0.76
47	0.55	0.40	0.05	0.00	0.79	0.76	0.65	0.55	0.00	0.00	0.79	0.76
48	0.55	0.40	0.05	0.00	0.79	0.76	0.65	0.55	0.00	0.00	0.79	0.76
49	0.55	0.40	0.05	0.00	0.79	0.76	0.65	0.55	0.00	0.00	0.79	0.76
50	0.65	0.45	0.20	0.10	0.80	0.76	0.65	0.45	0.00	0.15	0.80	0.76
51	0.65	0.45	0.20	0.10	0.80	0.76	0.65	0.45	0.00	0.15	0.80	0.76
52	0.65	0.45	0.20	0.10	0.80	0.76	0.65	0.45	0.00	0.15	0.80	0.76
53	0.65	0.45	0.20	0.10	0.80	0.76	0.65	0.45	0.00	0.15	0.80	0.76
54	0.65	0.45	0.20	0.10	0.80	0.76	0.65	0.45	0.00	0.15	0.80	0.76
55	0.70	0.45	0.40	0.20	0.81	0.72	0.65	0.45	0.50	0.40	0.81	0.72
56	0.70	0.45	0.40	0.20	0.81	0.72	0.65	0.45	0.50	0.40	0.81	0.72
57	0.70	0.45	0.40	0.20	0.81	0.72	0.65	0.45	0.50	0.40	0.81	0.72
58	0.70	0.45	0.40	0.20	0.81	0.72	0.65	0.45	0.50	0.40	0.81	0.72
59	0.70	0.45	0.40	0.20	0.81	0.72	0.65	0.45	0.50	0.40	0.81	0.72
60	0.70	0.45	0.65	0.20	0.81	0.67	0.75	0.35	0.75	0.50	0.81	0.67
61	0.70	0.45	0.65	0.20	0.81	0.67	0.75	0.35	0.75	0.50	0.81	0.67
62	0.70	0.45	0.65	0.20	0.81	0.67	0.75	0.35	0.75	0.50	0.81	0.67
63	0.70	0.45	0.65	0.20	0.81	0.67	0.75	0.35	0.75	0.50	0.81	0.67
64	0.70	0.45	0.65	0.20	0.81	0.67	0.75	0.35	0.75	0.50	0.81	0.67
65	0.70	0.45	0.65	0.20	0.79	0.58	0.75	0.35	0.75	0.67	0.79	0.58
66	0.70	0.45	0.65	0.20	0.79	0.58	0.75	0.35	0.75	0.67	0.79	0.58
67	0.70	0.45	0.65	0.20	0.79	0.58	0.75	0.35	0.75	0.67	0.79	0.58
68	0.70	0.45	0.65	0.20	0.79	0.58	0.75	0.35	0.75	0.67	0.79	0.58
69	0.70	0.45	0.65	0.20	0.79	0.58	0.75	0.35	0.75	0.67	0.79	0.58
70	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
71	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
72	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
73	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
74	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47

*Refers to survivor who selects annuity payments (rather than a lump sum payment) upon active or terminated vested member's death. The LEOFF 2 ratio is 0.60 for duty-related deaths.

Ratio of Survivors Selecting Annuities*

(Continued)

Age	PERS 1		PERS 2		PERS 3		TRS 1		TRS 2		TRS 3	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
75	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
76	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
77	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
78	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
79	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
80	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
81	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
82	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
83	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
84	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
85	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
86	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
87	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
88	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
89	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
90	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
91	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
92	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
93	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
94	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
95	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
96	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
97	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
98	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47
99	0.70	0.45	0.65	0.20	0.77	0.47	0.75	0.35	0.75	0.67	0.77	0.47

*Refers to survivor who selects annuity payments (rather than a lump sum payment) upon active or terminated vested member's death. The LEOFF 2 ratio is 0.60 for duty-related deaths.

Ratio of Survivors Selecting Annuities*

(Continued)

Age	SERS 2		SERS 3		PSERS		LEOFF 1	LEOFF 2	WSP 1	WSP 2
	Male	Female	Male	Female	Male	Female	Both	Both	Both	Both
20	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.20	0.35	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.48	0.63	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.64	0.73	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.72	0.75	0.00	0.00	0.00	0.00	0.00	0.00
40	0.05	0.00	0.77	0.76	0.05	0.00	0.60	0.00	0.60	0.60
41	0.05	0.00	0.77	0.76	0.05	0.00	0.60	0.00	0.60	0.60
42	0.05	0.00	0.77	0.76	0.05	0.00	0.60	0.00	0.60	0.60
43	0.05	0.00	0.77	0.76	0.05	0.00	0.60	0.00	0.60	0.60
44	0.05	0.00	0.77	0.76	0.05	0.00	0.60	0.00	0.60	0.60
45	0.05	0.00	0.79	0.76	0.05	0.00	0.60	0.00	0.60	0.60
46	0.05	0.00	0.79	0.76	0.05	0.00	0.60	0.00	0.60	0.60
47	0.05	0.00	0.79	0.76	0.05	0.00	0.60	0.00	0.60	0.60
48	0.05	0.00	0.79	0.76	0.05	0.00	0.60	0.00	0.60	0.60
49	0.05	0.00	0.79	0.76	0.05	0.00	0.60	0.00	0.60	0.60
50	0.20	0.10	0.80	0.76	0.20	0.10	0.60	0.25	0.60	0.60
51	0.20	0.10	0.80	0.76	0.20	0.10	0.60	0.25	0.60	0.60
52	0.20	0.10	0.80	0.76	0.20	0.10	0.60	0.25	0.60	0.60
53	0.20	0.10	0.80	0.76	0.20	0.10	0.60	0.25	0.60	0.60
54	0.20	0.10	0.80	0.76	0.20	0.10	0.60	0.25	0.60	0.60
55	0.40	0.20	0.81	0.72	0.40	0.20	0.60	0.25	0.60	0.60
56	0.40	0.20	0.81	0.72	0.40	0.20	0.60	0.25	0.60	0.60
57	0.40	0.20	0.81	0.72	0.40	0.20	0.60	0.25	0.60	0.60
58	0.40	0.20	0.81	0.72	0.40	0.20	0.60	0.25	0.60	0.60
59	0.40	0.20	0.81	0.72	0.40	0.20	0.60	0.25	0.60	0.60
60	0.65	0.20	0.81	0.67	0.65	0.20	0.60	0.50	0.60	0.60
61	0.65	0.20	0.81	0.67	0.65	0.20	0.60	0.50	0.60	0.60
62	0.65	0.20	0.81	0.67	0.65	0.20	0.60	0.50	0.60	0.60
63	0.65	0.20	0.81	0.67	0.65	0.20	0.60	0.50	0.60	0.60
64	0.65	0.20	0.81	0.67	0.65	0.20	0.60	0.50	0.60	0.60
65	0.65	0.20	0.79	0.58	0.65	0.20	0.60	0.50	0.60	0.60
66	0.65	0.20	0.79	0.58	0.65	0.20	0.60	0.50	0.60	0.60
67	0.65	0.20	0.79	0.58	0.65	0.20	0.60	0.50	0.60	0.60
68	0.65	0.20	0.79	0.58	0.65	0.20	0.60	0.50	0.60	0.60
69	0.65	0.20	0.79	0.58	0.65	0.20	0.60	0.50	0.60	0.60
70	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
71	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
72	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
73	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
74	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60

*Refers to survivor who selects annuity payments (rather than a lump sum payment) upon active or terminated vested member's death. The LEOFF 2 ratio is 0.60 for duty-related deaths.

Ratio of Survivors Selecting Annuities*										
(Continued)										
Age	SERS 2		SERS 3		PSERS		LEOFF 1	LEOFF 2	WSP 1	WSP 2
	Male	Female	Male	Female	Male	Female	Both	Both	Both	Both
75	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
76	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
77	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
78	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
79	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
80	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
81	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
82	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
83	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
84	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
85	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
86	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
87	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
88	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
89	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
90	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
91	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
92	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
93	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
94	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
95	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
96	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
97	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
98	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60
99	0.65	0.20	0.77	0.47	0.65	0.20	0.60	0.50	0.60	0.60

*Refers to survivor who selects annuity payments (rather than a lump sum payment) upon active or terminated vested member's death. The LEOFF 2 ratio is 0.60 for duty-related deaths.

Portability Load			
System	Plan 1	Plan 2	Plan 3
PERS	0.2%	0.3%	0.3%
TRS	0.3%	0.1%	0.1%
SERS	N/A	0.3%	0.3%
PSERS	N/A	0.0%	N/A
LEOFF	N/A	0.1%	N/A
WSP	0.0%	N/A	N/A

Reflects portability provisions for each plan.

Average Final Compensation Load	
System/Plan	Load
PERS 1	5.0%
TRS 1	1.0%
WSP 1	7.5%

Reflects allowances for cashouts of annual and sick leave for calculation of Average Final Compensation.

Certain and Life Annuities: Years Certain		
System	Plan 1	Plan 2
PERS	3	3
TRS	11*	4
SERS	N/A	3
PSERS	N/A	3
LEOFF	N/A	5
WSP	N/A	4

*Only disabled members get this without a reduction in their benefit. The certain period applies to only the "annuity" portion of the benefit, typically 30% of the total benefit.

Military Service			
	Percent with Military Service	Average Military Service Months	Overall Average Additional Service Years
PERS 1*			
Males	48%	37	1.48
Females	1%	35	0.03
WSP**	43%	32	1.15

Members with 25 years of service may receive up to 5 years of military service credit.

*Members of PERS Plan 1 may use certain prior military service as well as interruptive military service.

**Members of WSP Plan 1 may use all prior military service as well as interruptive military service.

Members of WSP Plan 2 (those commissioned on or after January 1, 2003) may use only interruptive military service.

Member/Beneficiary Age Difference (In Years)		
System	Male Member	Female Member
PERS	3	(2)
TRS	3	(2)
SERS	3	(2)
PSERS	3	(2)
LEOFF	4	(4)
WSP	3	(2)

Age difference is Member age minus Beneficiary age.

Duty-Related Death Assumption	
System	Duty Death Rate*
PERS	0.0026%
TRS	0.0008%
SERS	0.0026%
PSERS	0.0026%
LEOFF 1	0.0200%
LEOFF 2	0.0280%
WSP	0.0200%

*The duty death rate is a constant probability applied, regardless of age. The nonduty death rate is obtained by subtracting duty death rate from mortality rate for any given age.

Duty-Related Disability Assumption	
Age	Duty Disability Rate*
20	95.00%
25	92.47%
30	90.00%
35	87.46%
40	85.00%
50	75.00%
55+	70.00%

*Probability of disability being duty-related; geometrically interpolated between given values. Applies to LEOFF 2 only.

Table represents a summary of rates.

Additional Duty-Related Assumptions for LEOFF 2	
Percent of disabilities assumed to be catastrophic.	18%
Percent of deaths assumed to be caused by occupational diseases for fire fighters.	
Age	Rate
20-49	21.171%
50-69	13.462%

Miscellaneous Assumptions/Methods

- Minimum and maximum allowable ages are set in the data as follows:

	Non-Annuitants	Annuitants
Minimum Age	16	20
Maximum Age	99	120

- Default entry salaries, usually increased for past service, are assigned for active members with less than two months' service during the valuation year.
- Historical salaries for vested terminated members are not provided. To estimate salaries for these members, the following procedure is used: First, a salary appropriate for the given system/plan and the member's total past service is assigned. These salaries are determined as of a given base year. Second, the salary is divided by the general salary increase assumption for each year the member has been inactive as measured from the base year.
- While the Department of Retirement Systems reports salaries earned during the year prior to the valuation date, the salaries used in the first year of the valuation process have received an additional merit salary increase. In other words, the valuation software projects salaries to the coming year, beginning the day after the valuation date.
- All systems use a midyear decrement timing assumption. Additionally, Average Final Compensation (AFC) or Final Average Salary (FAS) are developed using the trapezoidal rule, which includes six months of salary in the year of retirement in the average.
- Disability and termination rates are discontinued after members are eligible to retire (with the exception of LEOFF Plan 1 and WSP disability rates).
- LEOFF Plan 1 and WSP use a slightly increased ratio of survivors selecting annuities over that displayed in the table presented earlier in this section. In those plans, the table shows that where nonzero rates exist, 60 percent of members who die will leave survivors who collect annuity payments. This assumption is meant to be a measurement at the time of the member's death. The valuation software used also applies mortality assumptions to potential survivors, which results in an understatement of that future liability for those plans. To recognize this liability, a ratio of 65 percent is used for those benefits.
- Survivors of retiree deaths in WSP Plan 1 receive a standard benefit that is 100 percent of the primary member's benefit, subject to a maximum of 50 percent of the member's AFC. In order to reflect the reduction in survivor benefits due to this maximum, a 20 percent reduction is made to the joint and 100 percent survivor benefit.

Summary of Plan Provisions

Summary of Plan Provisions - PERS			
	Plan 1	Plan 2	Plan 3
Effective Date of Plan	10/1/47	10/1/77	3/1/02
Date Closed to New Entrants	9/30/77	Open	Open
Statutory Reference	Chapter 41.40 RCW	Chapter 41.40 RCW	Chapter 41.40 RCW
Normal Retirement Eligibility (age/service)	60/5, 55/25, Any Age/30	65/5	65/10 or vested
Accrued Benefit Formula	2% x YOS x AFC; Maximum 60% AFC	2% x YOS x AFC	1% x YOS x AFC; 0.25% per month pre-retirement COLA with 20 years of service
Computation of AFC	Annual average of the greatest compensation earnable during a 24 consecutive month period	Average compensation earnable for the highest 60 consecutive months	Average compensation earnable for the highest 60 consecutive months
Credited Service	Monthly, based on hours worked each month (school yr. for edu. emplys.)	Monthly, based on hours worked each month (school yr. for edu. emplys.)	Monthly, based on hours worked each month (school yr. for edu. emplys.)
Vesting	5 years	5 years	10 years (5 under select circumstances)
Vested Benefits Upon Termination	Refund of employee contributions plus interest, or deferred retirement allowance	Refund of employee contributions plus interest, or deferred retirement allowance	Refund of employee contributions plus interest, or deferred retirement allowance
Early Retirement Eligibility (age/service)	n/a	55/20	55/10
Early Retirement Reduction Factors	n/a	3% ERF with 30 YOS, otherwise actuarial	3% ERF with 30 YOS, otherwise actuarial
Disability Retirement Benefit	Non-duty: reduced accrued benefit; Duty: temporary annuity plus deferred retirement allowance	Accrued benefit, actuarially reduced	Accrued benefit, actuarially reduced
COLA	\$1.33 per month/YOS** on 7/1/07	Lesser of CPI* or 3%	Lesser of CPI* or 3%
Minimum Benefit per Month	\$36.84** per YOS on 7/1/07, \$1000 for select annuitants	n/a	n/a
Changes in Plan Provisions Since Last Valuation	Age 66 COLA (C 89 L 07); Judges Benefit Multiplier (C 123 L 07); Replace gain-sharing (effective 1/2/2008) with an additional increase in the COLA amount (C 491 L 07)	Judges Benefit Multiplier (C 123 L 07); Dual Membership (C 207 L 07); Replace gain-sharing (effective 1/2/2008) with improved ERF (C 491 L 07)	Judges Benefit Multiplier (C 123 L 07); Dual Membership (C 207 L 07); Replace gain-sharing (effective 1/2/2008) with improved ERF (C 491 L 07)
Benefits not Included in this Valuation	Contribution Rate Floor (C 365 L 06, effective 7/1/2009); liability for legal order payees.	Contribution Rate Floor (C 365 L 06, effective 7/1/2009); liability for legal order payees.	Contribution Rate Floor (C 365 L 06, effective 7/1/2009); liability for legal order payees.

*CPI: Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.

**COLA increases by 3% annually; Minimum increases by amount of COLA annually.

Summary of Plan Provisions - TRS

(Continued)

	Plan 1	Plan 2	Plan 3
Effective Date of Plan	3/1/38	10/1/77	7/1/96
Date Closed to New Entrants	9/30/77	6/30/96	Open
Statutory Reference	Chapter 41.32 RCW	Chapter 41.32 RCW	Chapter 41.32 RCW
Normal Retirement Eligibility (age/service)	60/5, 55/25, Any Age/30	65/5	65/10 or vested
Accrued Benefit Formula	2% x YOS x AFC; Maximum 60% AFC	2% x YOS x AFC	1% x YOS x AFC; 0.25% per month pre-retirement COLA with 20 years of service
Computation of AFC	Annual average earnable compensation for the two highest consecutive service credit years	Average compensation earnable for the highest 60 consecutive months	Average compensation earnable for the highest 60 consecutive months
Credited Service	Yearly, based on days worked each year	Monthly, based on number of months and hours worked during school year	Monthly, based on number of months and hours worked during school year
Vesting	5 years	5 years	10 years (5 under select circumstances)
Vested Benefits Upon Termination	Refund of employee contributions plus interest, or deferred retirement allowance	Refund of employee contributions plus interest, or deferred retirement allowance	Refund of employee contributions plus interest, or deferred retirement allowance
Early Retirement Eligibility (age/service)	n/a	55/20	55/10
Early Retirement Reduction Factors	n/a	3% ERF with 30 YOS, otherwise actuarial	3% ERF with 30 YOS, otherwise actuarial
Disability Retirement Benefit	Accrued benefit, actuarially reduced	Accrued benefit, actuarially reduced	Accrued benefit, actuarially reduced
COLA	\$1.33 per month/YOS** on 7/1/07	Lesser of CPI* or 3%	Lesser of CPI* or 3%
Minimum Benefit per Month	\$36.84** per YOS on 7/1/07, \$1000 for select annuitants	n/a	n/a
Changes in Plan Provisions Since Last Valuation	Retiree Rehire (C 50 L 07); Age 66 COLA (C 89 L 07); Replace gain-sharing (effective 1/2/2008) with an additional increase in the COLA amount (C 491 L 07)	Replace gain-sharing (effective 1/2/2008) with improved ERF and plan choice for new entrants (C 491 L 07)	Replace gain-sharing (effective 1/2/2008) with improved ERF and plan choice for new entrants (C 491 L 07)
Benefits not Included in this Valuation	Contribution Rate Floor (C 365 L 06, effective 9/1/2009); liability for legal order payees.	Contribution Rate Floor (C 365 L 06, effective 9/1/2009); liability for legal order payees.	Contribution Rate Floor (C 365 L 06, effective 9/1/2009); liability for legal order payees.

*CPI: Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.

**COLA increases by 3% annually; Minimum increases by amount of COLA annually.

Summary of Plan Provisions - SERS		
<i>(Continued)</i>		
	Plan 2	Plan 3
Effective Date of Plan	9/1/00	9/1/00
Date Closed to New Entrants	9/1/00	Open
Statutory Reference	Chapter 41.35 RCW	Chapter 41.35 RCW
Normal Retirement Eligibility (age/service)	65/5	65/10 or vested
Accrued Benefit Formula	2% x YOS x AFC	1% x YOS x AFC; 0.25% per month pre-retirement COLA with 20 years of service
Computation of AFC	Average compensation earnable for the highest 60 consecutive months	Average compensation earnable for the highest 60 consecutive months
Credited Service	Monthly, based on number of months and hours worked during school year	Monthly, based on number of months and hours worked during school year
Vesting	5 years	10 years (5 under select circumstances)
Vested Benefits Upon Termination	Refund of employee contributions plus interest, or deferred retirement allowance	Refund of employee contributions plus interest, or deferred retirement allowance
Early Retirement Eligibility (age/service)	55/20	55/10
Early Retirement Reduction Factors	3% ERF with 30 YOS, otherwise actuarial	3% ERF with 30 YOS, otherwise actuarial
Disability Retirement Benefit	Accrued benefit, actuarially reduced	Accrued benefit, actuarially reduced
COLA	Lesser of CPI* or 3%	Lesser of CPI* or 3%
Minimum Benefit per Month per YOS	n/a	n/a
Changes in Plan Provisions Since Last Valuation	Dual Membership (C 207 L 07); Replace gain-sharing (effective 1/2/2008) with improved ERF and plan choice for new entrants (C 491 L 07)	Dual Membership (C 207 L 07); Replace gain-sharing (effective 1/2/2008) with improved ERF and plan choice for new entrants (C 491 L 07)
Benefits not Included in this Valuation	Contribution Rate Floor (C 365 L 06, effective 9/1/2009); liability for legal order payees.	Contribution Rate Floor (C 365 L 06, effective 9/1/2009); liability for legal order payees.

*CPI: Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.

Summary of Plan Provision - PSERS	
<i>(Continued)</i>	
	Plan 2
Effective Date of Plan	7/1/06
Date Closed to New Entrants	Open
Statutory Reference	Chapter 41.37 RCW
Normal Retirement Eligibility (age/service)	65/5 Total Service, 60/10 PSERS service
Accrued Benefit Formula	2% x YOS x AFC
Computation of AFS	Average compensation earnable for the highest 60 consecutive months
Credited Service	Monthly, based on hours worked each month
Vesting	5 years
Vested Benefits Upon Termination	Refund of employee contributions plus interest, or deferred retirement allowance
Early Retirement Eligibility (age/service)	53/20 Total Service
Early Retirement Reduction Factors	3% ERF with 20 YOS, otherwise actuarial
Disability Retirement Benefit	Accrued benefit, actuarially reduced
COLA	Lesser of CPI* or 3%
Minimum Benefit per Month per YOS**	n/a
Changes in Plan Provisions Since Last Valuation	None
Benefits not Included in this Valuation	Contribution Rate Floor (C 365 L 06, effective 7/1/2009); liability for legal order payees.

*CPI: *Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.*

Summary of Plan Provisions - LEOFF		
<i>(Continued)</i>		
	Plan 1	Plan 2
Effective Date of Plan	3/1/70	10/1/77
Date Closed to New Entrants	9/30/77	Open
Statutory Reference	Chapter 41.26 RCW	Chapter 41.26 RCW
Normal Retirement Eligibility (age/service)	50/5	53/5
Accrued Benefit Formula	accrual % (1%, 1.5%, 2%) x YOS (5, 10, 20) x FAS	2% x YOS x AFC; 0.25% per month pre-retirement COLA with 20 years of service
Computation of FAS/AFC	The basic salary attached to the position or rank at retirement if held for at least 12 months	Average compensation earnable for the highest 60 consecutive months
Credited Service	Monthly, based on hours worked each month	Monthly, based on hours worked each month
Vesting	5 years	5 years
Vested Benefits Upon Termination	Refund of employee contributions plus interest, or deferred retirement allowance	Refund of employee contributions (x 150% if 10 YOS) plus interest, or deferred retirement allowance
Early Retirement Eligibility (age/service)	n/a	50/20
Early Retirement Reduction Factors	n/a	3% ERF with 20 YOS
Disability Retirement Benefit	50% FAS, (max 60% if children)	Non-duty: accrued benefit, actuarially reduced; Duty, occupational: accrued benefit without actuarial reduction, minimum 10% of AFC; Duty, total: 70% of AFC with offsets for Social Security and L&I benefits, not to exceed 100% of AFC.
COLA	Full CPI*	Lesser of CPI* or 3%
Minimum Benefit per Month per YOS	n/a	n/a
Changes in Plan Provisions Since Last Valuation	None	Dual Membership (C 207 L 07); Occupational Diseases affecting fire fighters (C 490 L 07)
Benefits Not Included in this Valuation	Liability for legal order payees.	Contribution Rate Floor (adopted by LEOFF 2 Board; effective 7/1/2009); liability for legal order payees.

*CPI: Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.

Summary of Plan Provision - WSP

(Continued)

	Plan 1	Plan 2
Effective Date of Plan	6/12/47	1/1/03
Date Closed to New Entrants	12/31/02	Open
Statutory Reference	Chapter 43.43 RCW	Chapter 43.43 RCW
Normal Retirement Eligibility (age/service)	Age 55, Any Age/25, Mandatory at 60	Age 55, Any Age/25, Mandatory at 60
Accrued Benefit Formula	2% x YOS x AFC; Maximum 75% AFC	2% x YOS x AFC; Maximum 75% AFC
Computation of AFS	Average monthly salary of the highest two consecutive years	Average monthly salary of the highest 60 consecutive months
Credited Service	Monthly, based on hours worked each month	Monthly, based on hours worked each month
Vesting	5 years	5 years
Vested Benefits Upon Termination	Refund of employee contributions plus interest, or deferred retirement allowance	Refund of employee contributions plus interest, or deferred retirement allowance
Early Retirement Eligibility (age/service)	n/a	n/a
Early Retirement Reduction Factors	n/a	n/a
Disability Retirement Benefit	50% comp with offsets, paid from WSP operational funds	50% comp with offsets, paid from WSP operational funds
COLA	Lesser of CPI* or 3%	Lesser of CPI* or 3%
Minimum Benefit per Month per YOS**	\$25.94 on 1/1/07	\$25.94 on 1/1/07
Changes in Plan Provisions Since Last Valuation	Mandatory Retirement Age Removal (C 87 L 07); Maximum Member Contribution Rate (C 300 L 07); Survivor PEBB premium reimbursement (C 488 L 07)	Mandatory Retirement Age Removal (C 87 L 07); Maximum Member Contribution Rate (C 300 L 07); Survivor PEBB premium reimbursement (C 488 L 07)
Benefits not Included in this Valuation	Liability for legal order payees.	Liability for legal order payees.

*CPI: Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.

**Amount increases by 3% annually.

Early Retirement Reduction Factors				Early Retirement Reduction Factors			
				(Continued)			
Years	Plan 2/3,	LEOFF2, PERS1,	Plan 2/3	Years	Plan 2/3,	LEOFF2, PERS1,	Plan 2/3
Early	PERS 1 TrmVst	TRS1, WSP	Subsidized	Early	PERS 1 TrmVst	TRS1, WSP	Subsidized
		TrmVst	3%*			TrmVst	3%*
0	1.0000	1.0000	1.00	25	0.1100	0.1400	N/A
1	0.9100	0.9200	0.97	26	0.1000	0.1300	N/A
2	0.8200	0.8400	0.94	27	0.1000	0.1200	N/A
3	0.7300	0.7600	0.91	28	0.1000	0.1100	N/A
4	0.6700	0.7100	0.88	29	0.1000	0.1000	N/A
5	0.6100	0.6600	0.85	30	0.1000	0.1000	N/A
6	0.5500	0.6100	0.82	31	0.1000	0.1000	N/A
7	0.4900	0.5600	0.79	32	0.1000	0.1000	N/A
8	0.4300	0.5100	0.76	33	0.1000	0.1000	N/A
9	0.4000	0.4700	0.73	34	0.1000	0.1000	N/A
10	0.3700	0.4300	0.70	35	0.1000	0.1000	N/A
11	0.3400	0.3900	N/A	36	0.1000	0.1000	N/A
12	0.3100	0.3500	N/A	37	0.1000	0.1000	N/A
13	0.2800	0.3100	N/A	38	0.1000	0.1000	N/A
14	0.2600	0.2900	N/A	39	0.1000	0.1000	N/A
15	0.2400	0.2700	N/A	40	0.1000	0.1000	N/A
16	0.2200	0.2500	N/A	41	0.1000	0.1000	N/A
17	0.2000	0.2300	N/A	42	0.1000	0.1000	N/A
18	0.1800	0.2100	N/A	43	0.1000	0.1000	N/A
19	0.1700	0.2000	N/A	44	0.1000	0.1000	N/A
20	0.1600	0.1900	N/A	45	0.1000	0.1000	N/A
21	0.1500	0.1800	N/A	46	0.1000	0.1000	N/A
22	0.1400	0.1700	N/A	47	0.1000	0.1000	N/A
23	0.1300	0.1600	N/A	48	0.1000	0.1000	N/A
24	0.1200	0.1500	N/A	49	0.1000	0.1000	N/A

TrmVst= Terminated Vested.

*LEOFF 2 members must be at least age 50 with 20 or more years of service to qualify. PSERS 2 members must be at least age 53 with 20 or more years of service to qualify. All other plan 2/3 members must be at least 55 with 30 years of service to qualify.

Age/Service Distributions

Age and Service Distribution of Active Members (Number of Actives and Average Salary)																	
PERS Plan 1: Attained Age	Attained Years of Service													Total			
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over				
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35-39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45-49	4	9	5	11	6	26	39	40	52	134	77	0	0	0	0	0	403
	\$45,004	\$30,950	\$30,845	\$31,827	\$27,129	\$39,262	\$42,513	\$46,699	\$52,403	\$56,482	\$54,893	\$0	\$0	\$0	\$0	\$0	\$50,106
50-54	43	52	61	47	46	318	358	493	575	801	1,023	23	0	0	0	0	3,840
	\$31,886	\$31,908	\$34,231	\$36,652	\$34,582	\$39,090	\$42,199	\$43,912	\$50,216	\$57,418	\$57,959	\$60,510	\$0	\$0	\$0	\$0	\$50,304
55-59	48	90	72	63	70	452	502	858	947	868	1,481	287	6	0	0	0	5,744
	\$34,699	\$37,354	\$38,437	\$47,485	\$41,279	\$42,172	\$42,855	\$47,567	\$52,069	\$57,205	\$59,701	\$57,909	\$60,636	\$0	\$0	\$0	\$52,129
60-64	16	48	38	44	41	237	291	449	459	512	748	348	52	0	0	0	3,283
	\$31,811	\$32,772	\$35,132	\$35,636	\$42,380	\$43,705	\$48,306	\$47,778	\$52,549	\$52,621	\$54,977	\$59,764	\$54,721	\$0	\$0	\$0	\$51,300
65-69	8	5	7	6	16	70	73	78	78	89	175	74	25	0	0	0	704
	\$29,523	\$23,000	\$27,774	\$36,737	\$35,896	\$40,563	\$44,887	\$49,915	\$47,203	\$50,265	\$51,105	\$59,274	\$59,991	\$0	\$0	\$0	\$48,771
70 & Over	1	9	4	4	4	27	21	24	18	20	57	25	25	0	0	0	239
	\$23,673	\$23,673	\$25,099	\$25,586	\$23,000	\$36,637	\$40,842	\$52,352	\$43,296	\$45,446	\$39,073	\$48,851	\$45,648	\$0	\$0	\$0	\$41,473
Total	120	213	187	175	183	1,130	1,284	1,942	2,129	2,424	3,561	757	108	14,213	108	108	14,213
	\$33,207	\$33,806	\$35,506	\$39,743	\$38,508	\$41,327	\$43,980	\$46,824	\$51,427	\$55,916	\$57,352	\$58,675	\$54,169	\$51,042	\$51,042	\$51,042	\$51,042

Average: Age 57.3 Number of Participants: Vested 13,245 Males 5,821 Early Retirement Eligible: N/A
 Service 22.2 Not Vested 968 Females 8,392 Normal Retirement Eligible: 7,740

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

Age and Service Distribution of Active Members
(Number of Actives and Average Salary)

(Continued)

PERS Plan 2: Attained Age	Attained Years of Service													Total		
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over			
Under 25	951	929	357	167	90	75	0	0	0	0	0	0	0	0	0	2,569
	\$29,190	\$28,965	\$30,726	\$31,897	\$32,040	\$36,573	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,813
25-29	1,011	1,512	1,131	867	700	1,912	22	0	0	0	0	0	0	0	0	7,155
	\$32,116	\$34,373	\$37,720	\$39,196	\$40,391	\$41,703	\$41,782	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,738
30-34	753	1,115	1,007	792	858	4,426	792	19	0	0	0	0	0	0	0	9,762
	\$34,272	\$37,165	\$39,696	\$41,989	\$44,347	\$46,408	\$48,085	\$47,721	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,323
35-39	719	1,142	937	846	920	5,164	2,841	986	18	0	0	0	0	0	0	13,573
	\$34,328	\$38,176	\$41,226	\$43,044	\$44,433	\$48,676	\$52,070	\$52,383	\$56,937	\$0	\$0	\$0	\$0	\$0	\$0	\$46,870
40-44	633	1,056	851	775	842	4,994	3,086	2,822	740	28	0	0	0	0	0	15,827
	\$34,784	\$38,373	\$40,766	\$43,058	\$45,984	\$48,563	\$52,521	\$54,392	\$54,257	\$50,099	\$0	\$0	\$0	\$0	\$0	\$48,586
45-49	636	950	852	735	823	5,184	3,430	3,940	2,477	1,013	0	0	0	0	0	20,040
	\$35,507	\$37,484	\$40,948	\$42,920	\$44,968	\$48,043	\$52,508	\$56,328	\$58,212	\$55,502	\$0	\$0	\$0	\$0	\$0	\$50,556
50-54	483	870	731	665	700	4,776	3,629	4,374	2,877	1,957	1	0	0	0	0	21,063
	\$36,391	\$38,096	\$42,091	\$43,854	\$45,912	\$48,377	\$52,144	\$55,760	\$59,034	\$63,248	\$0	\$0	\$0	\$0	\$0	\$52,254
55-59	330	543	498	454	479	3,323	2,816	3,644	2,521	1,871	1	1	0	0	0	16,481
	\$37,285	\$37,811	\$41,742	\$44,281	\$45,672	\$48,116	\$51,787	\$53,437	\$56,743	\$60,609	\$0	\$0	\$0	\$0	\$0	\$51,737
60-64	154	222	217	212	257	1,658	1,557	2,211	1,584	1,132	2	0	0	0	0	9,206
	\$35,716	\$38,760	\$39,745	\$40,654	\$43,849	\$47,029	\$50,056	\$52,198	\$53,871	\$58,338	\$88,827	\$0	\$0	\$0	\$0	\$50,563
65-69	42	75	65	50	61	449	327	484	333	202	2	0	0	0	0	2,090
	\$32,622	\$31,244	\$36,267	\$37,900	\$41,990	\$43,659	\$48,322	\$49,878	\$51,440	\$54,003	\$70,038	\$0	\$0	\$0	\$0	\$47,010
70 & Over	27	38	33	20	24	135	98	113	54	33	0	0	0	0	0	575
	\$26,014	\$30,721	\$24,104	\$30,190	\$30,127	\$36,523	\$40,168	\$43,821	\$45,941	\$45,553	\$0	\$0	\$0	\$0	\$0	\$37,904
Total	5,739	8,452	6,679	5,583	5,754	32,096	18,598	18,593	10,604	6,236	6	1	0	0	0	118,341
	\$33,590	\$36,185	\$39,699	\$41,963	\$44,210	\$47,491	\$51,718	\$54,381	\$56,884	\$59,855	\$71,995	\$0	\$0	\$0	\$0	\$48,391

Average: Age 46.1 Number of Participants: Vested 82,969 Males 56,792 Early Retirement Eligible: 7,112
 Service 10.2 Not Vested 35,372 Females 61,549 Normal Retirement Eligible: 2,230

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

**Age and Service Distribution of Active Members
(Number of Actives and Average Salary)**

(Continued)

PERS Plan 3:

Attained Age	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	Total
Under 25	485	541	194	71	15	4	0	0	0	0	0	0	0	1,310
	\$28,275	\$28,207	\$30,678	\$31,061	\$35,754	\$40,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,877
25-29	434	835	591	382	244	111	3	0	0	0	0	0	0	2,600
	\$33,064	\$33,483	\$37,542	\$40,070	\$41,654	\$43,838	\$36,801	\$0	\$0	\$0	\$0	\$0	\$0	\$36,516
30-34	317	538	466	357	290	450	123	6	0	0	0	0	0	2,547
	\$35,137	\$36,548	\$39,744	\$42,117	\$45,579	\$48,610	\$50,623	\$59,950	\$0	\$0	\$0	\$0	\$0	\$41,632
35-39	279	385	412	299	236	527	501	191	0	0	0	0	0	2,830
	\$35,725	\$38,131	\$41,289	\$43,491	\$46,565	\$51,219	\$54,460	\$57,944	\$0	\$0	\$0	\$0	\$0	\$46,288
40-44	198	380	320	210	181	432	535	617	137	3	0	0	0	3,013
	\$37,564	\$37,801	\$40,699	\$43,162	\$44,458	\$53,268	\$58,033	\$59,607	\$59,090	\$32,681	\$0	\$0	\$0	\$50,105
45-49	213	353	327	263	181	434	543	830	476	145	0	0	0	3,765
	\$35,850	\$38,132	\$41,188	\$43,661	\$49,246	\$50,442	\$54,586	\$57,926	\$62,636	\$60,877	\$0	\$0	\$0	\$51,319
50-54	140	264	226	185	154	379	474	676	487	289	0	0	0	3,274
	\$36,243	\$38,693	\$43,592	\$44,816	\$47,600	\$50,570	\$53,385	\$58,619	\$62,180	\$61,081	\$0	\$0	\$0	\$52,777
55-59	90	180	159	146	92	241	303	462	306	193	0	0	0	2,172
	\$42,685	\$36,141	\$41,470	\$43,883	\$47,795	\$49,326	\$52,913	\$54,732	\$59,547	\$65,601	\$0	\$0	\$0	\$51,489
60-64	49	78	61	50	44	66	118	155	111	60	0	0	0	792
	\$35,664	\$42,188	\$42,049	\$45,816	\$42,733	\$46,115	\$48,104	\$53,487	\$54,180	\$63,353	\$0	\$0	\$0	\$48,737
65-69	17	27	20	7	12	15	9	15	11	4	0	0	0	137
	\$33,918	\$34,563	\$36,644	\$49,453	\$42,157	\$34,553	\$54,073	\$47,736	\$56,256	\$53,718	\$0	\$0	\$0	\$41,237
70 & Over	7	7	4	4	4	4	0	1	1	1	0	0	0	33
	\$33,857	\$27,778	\$38,437	\$35,643	\$27,056	\$28,260	\$0	*	*	*	\$0	\$0	\$0	\$32,164
Total	2,229	3,588	2,780	1,974	1,453	2,663	2,609	2,953	1,529	695	0	0	0	22,473
	\$33,970	\$35,263	\$39,590	\$42,338	\$45,485	\$50,142	\$54,354	\$57,651	\$60,879	\$62,288	\$0	\$0	\$0	\$46,452

Average: Age 42.0 Number of Participants: Vested 9,001 Males 10,666 Early Retirement Eligible: 1,708
 Service 7.7 Not Vested 13,472 Females 11,807 Normal Retirement Eligible: 56

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

**Age and Service Distribution of Active Members
(Number of Actives and Average Salary)**

(Continued)

Attained Age	Attained Years of Service													Total		
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over			
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35-39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45-49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50-54	5	2	4	8	6	35	75	122	187	701	368	0	0	0	0	0
	\$42,000	\$37,450	\$39,805	\$54,275	\$49,683	\$52,864	\$54,415	\$60,931	\$63,578	\$67,871	\$68,695	\$0	\$0	\$0	\$0	\$0
55-59	8	16	8	8	18	121	215	421	618	880	1,256	183	0	0	0	0
	\$39,625	\$49,574	\$53,819	\$48,617	\$48,854	\$50,913	\$57,181	\$61,792	\$63,938	\$66,559	\$67,936	\$68,932	\$0	\$0	\$0	\$0
60-64	2	9	6	9	9	87	124	277	340	279	337	305	36	36	36	36
	\$42,000	\$46,357	\$50,086	\$51,148	\$58,518	\$54,395	\$57,322	\$61,875	\$63,351	\$65,542	\$69,076	\$68,224	\$66,063	\$66,621	\$66,621	\$66,621
65-69	0	2	1	2	3	13	21	35	32	35	33	39	36	36	36	36
	\$0	\$38,943	*	\$48,491	\$56,934	\$49,790	\$55,659	\$60,063	\$64,558	\$64,373	\$66,626	\$66,913	\$66,621	\$66,621	\$66,621	\$66,621
70 & Over	0	0	0	0	0	0	1	2	4	3	12	11	12	12	12	12
	\$0	\$0	\$0	\$0	\$0	\$0	* \$56,315	\$52,503	\$59,768	\$71,001	\$59,986	\$63,101	\$63,101	\$63,101	\$63,101	\$63,101
Total	15	29	19	27	36	256	436	857	1,181	1,898	2,006	538	84	84	84	84
	\$40,733	\$47,006	\$49,508	\$51,128	\$52,082	\$52,306	\$56,679	\$61,613	\$63,690	\$66,843	\$68,264	\$68,201	\$65,879	\$65,879	\$65,879	\$64,796

Average: Age 57.7 Number of Participants: Vested 7,248 Males 1,963 Early Retirement Eligible: N/A
 Service 25.3 Not Vested 134 Females 5,419 Normal Retirement Eligible: 4,761

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

**Age and Service Distribution of Active Members
(Number of Actives and Average Salary)**

(Continued)

Attained Age	Attained Years of Service													Total		
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over			
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30-34	0	1	0	1	1	12	24	0	0	0	0	0	0	0	0	39
	\$0	*	\$0	*	*	\$46,758	\$54,449	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,723
35-39	4	8	12	13	14	126	378	22	0	0	0	0	0	0	0	577
	\$47,698	\$44,642	\$44,615	\$42,631	\$46,747	\$50,750	\$56,451	\$58,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$54,281
40-44	12	16	18	34	40	149	388	241	19	0	0	0	0	0	0	917
	\$41,000	\$52,013	\$46,685	\$44,381	\$44,835	\$48,198	\$57,517	\$61,781	\$65,637	\$0	\$0	\$0	\$0	\$0	\$0	\$55,727
45-49	17	14	19	33	32	192	402	274	191	31	0	0	0	0	0	1,205
	\$50,237	\$47,821	\$51,238	\$49,796	\$46,728	\$50,660	\$57,140	\$62,277	\$64,571	\$69,640	\$0	\$0	\$0	\$0	\$0	\$57,998
50-54	14	16	16	20	30	200	533	377	225	185	0	0	0	0	0	1,616
	\$44,122	\$39,299	\$48,221	\$45,707	\$52,693	\$52,479	\$58,004	\$62,695	\$64,203	\$65,251	\$0	\$0	\$0	\$0	\$0	\$59,454
55-59	5	6	6	5	14	105	502	493	238	142	0	0	0	0	0	1,516
	\$42,000	\$64,825	\$49,468	\$49,609	\$55,305	\$52,117	\$59,280	\$62,494	\$64,233	\$65,698	\$0	\$0	\$0	\$0	\$0	\$61,065
60-64	2	0	3	5	4	49	298	310	169	110	0	0	0	0	0	950
	\$45,709	\$0	\$54,302	\$50,910	\$55,560	\$56,441	\$61,316	\$63,091	\$63,529	\$69,966	\$0	\$0	\$0	\$0	\$0	\$62,905
65-69	0	0	0	2	2	7	35	61	24	21	0	0	0	0	0	152
	\$0	\$0	\$0	\$69,752	\$75,318	\$59,307	\$60,213	\$63,216	\$68,205	\$66,016	\$0	\$0	\$0	\$0	\$0	\$63,764
70 & Over	0	0	0	0	0	1	1	5	3	1	0	0	0	0	0	11
	\$0	\$0	\$0	\$0	\$0	*	\$63,071	\$61,274	*	*	\$0	\$0	\$0	\$0	\$0	\$64,468
Total	54	61	74	113	137	841	2,561	1,783	869	490	0	0	0	0	0	6,983
	\$45,480	\$47,915	\$48,385	\$47,040	\$49,061	\$51,248	\$58,199	\$62,492	\$64,293	\$66,742	\$0	\$0	\$0	\$0	\$0	\$59,164

Average:	Age	51.3	Number of Participants:	Vested	6,505	Males	1,816	Early Retirement Eligible:	659
	Service	14.3		Not Vested	478	Females	5,167	Normal Retirement Eligible:	159

*Annual Salary omitted for privacy reasons.
Numbers of participants eligible for early and normal retirement are estimates only.

**Age and Service Distribution of Active Members
(Number of Actives and Average Salary)**

(Continued)

Attained Age	Attained Years of Service													Total	
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over		
Under 25	617	291	59	5	0	0	0	0	0	0	0	0	0	0	972
	\$41,900	\$36,431	\$36,408	\$36,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,902
25-29	1,250	1,401	1,300	860	749	873	0	0	0	0	0	0	0	0	6,433
	\$42,225	\$38,882	\$39,464	\$40,417	\$41,268	\$43,229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,722
30-34	624	710	653	654	716	4,216	319	0	0	0	0	0	0	0	7,892
	\$42,616	\$41,996	\$42,326	\$43,196	\$44,006	\$47,264	\$56,192	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,742
35-39	423	445	446	386	449	3,124	2,357	302	0	0	0	0	0	0	7,932
	\$43,956	\$41,825	\$43,062	\$43,861	\$46,204	\$49,406	\$57,676	\$61,831	\$0	\$0	\$0	\$0	\$0	\$0	\$50,813
40-44	307	370	339	262	322	1,636	1,623	1,817	230	0	0	0	0	0	6,906
	\$42,471	\$42,049	\$42,639	\$45,039	\$45,169	\$50,634	\$58,052	\$64,500	\$68,765	\$0	\$0	\$0	\$0	\$0	\$54,947
45-49	277	298	317	273	321	1,654	1,320	1,608	1,461	253	0	0	0	0	7,782
	\$42,870	\$41,638	\$42,878	\$44,673	\$46,001	\$50,597	\$59,716	\$63,764	\$66,998	\$69,955	\$0	\$0	\$0	\$0	\$57,243
50-54	194	236	219	250	250	1,593	1,263	1,530	1,160	1,276	0	0	0	0	7,971
	\$42,824	\$42,867	\$44,242	\$44,884	\$46,022	\$51,296	\$59,946	\$63,978	\$66,332	\$67,689	\$0	\$0	\$0	\$0	\$58,897
55-59	104	112	134	135	177	1,117	1,021	1,295	774	644	0	0	0	0	5,513
	\$46,218	\$47,780	\$48,800	\$49,769	\$52,760	\$53,523	\$60,489	\$64,298	\$66,244	\$67,385	\$0	\$0	\$0	\$0	\$60,264
60-64	22	42	39	43	70	345	271	411	307	226	0	0	0	0	1,776
	\$44,956	\$50,138	\$50,877	\$54,523	\$54,311	\$55,822	\$61,486	\$64,315	\$66,118	\$68,638	\$0	\$0	\$0	\$0	\$61,594
65-69	8	7	3	9	15	44	23	26	22	21	0	0	0	0	178
	\$44,789	\$41,051	\$48,692	\$50,212	\$54,336	\$54,346	\$62,226	\$58,856	\$66,490	\$67,218	\$0	\$0	\$0	\$0	\$57,785
70 & Over	2	0	0	0	1	4	6	2	1	0	0	0	0	0	16
	\$45,007	\$0	\$0	\$0	*	\$54,499	\$56,006	\$74,741	*	\$0	\$0	\$0	\$0	\$0	\$59,481
Total	3,828	3,912	3,509	2,877	3,070	14,606	8,203	6,991	3,955	2,420	0	0	0	0	53,371
	\$42,655	\$40,729	\$41,807	\$43,397	\$44,962	\$49,380	\$58,858	\$64,035	\$66,685	\$67,930	\$0	\$0	\$0	\$0	\$52,689

Average:	Age	42.1	Number of Participants:	Vested	25,809	Males	15,613	Early Retirement Eligible:	4,949
	Service	9.3	Not Vested	27,562	Females	37,758	Normal Retirement Eligible:	148	

*Annual Salary omitted for privacy reasons.
Numbers of participants eligible for early and normal retirement are estimates only.

**Age and Service Distribution of Active Members
(Number of Actives and Average Salary)**

(Continued)

SERS Plan 2: Attained Age	Attained Years of Service													Total	
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over		
Under 25	0	9	3	3	0	0	0	0	0	0	0	0	0	0	15
	\$0	\$17,897	\$20,447	\$24,580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,743
25-29	6	19	18	15	11	139	2	0	0	0	0	0	0	0	210
	\$21,000	\$18,671	\$19,847	\$26,513	\$22,343	\$28,434	\$31,847	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,178
30-34	18	34	26	24	28	333	88	2	0	0	0	0	0	0	553
	\$18,778	\$17,568	\$20,846	\$22,152	\$19,529	\$27,553	\$26,929	\$40,790	\$0	\$0	\$0	\$0	\$0	\$0	\$25,646
35-39	32	44	55	47	49	576	223	68	0	0	0	0	0	0	1,094
	\$17,844	\$21,614	\$20,762	\$22,364	\$24,596	\$26,053	\$29,545	\$33,068	\$0	\$0	\$0	\$0	\$0	\$0	\$26,292
40-44	35	52	80	62	88	1,197	484	182	37	0	0	0	0	0	2,217
	\$19,571	\$16,644	\$22,860	\$19,715	\$19,294	\$23,343	\$27,521	\$33,476	\$33,097	\$0	\$0	\$0	\$0	\$0	\$24,753
45-49	55	58	95	98	98	1,907	1,028	475	121	56	0	0	0	0	3,991
	\$17,796	\$17,775	\$17,907	\$21,695	\$20,244	\$22,906	\$25,319	\$28,774	\$38,119	\$43,229	\$0	\$0	\$0	\$0	\$24,613
50-54	30	75	65	76	109	1,605	1,295	782	216	108	0	0	0	0	4,361
	\$19,371	\$17,961	\$20,983	\$17,747	\$19,089	\$23,235	\$24,091	\$27,005	\$34,935	\$40,991	\$0	\$0	\$0	\$0	\$24,834
55-59	16	33	34	36	55	876	897	795	375	150	0	0	0	0	3,267
	\$17,250	\$20,045	\$20,324	\$21,436	\$20,539	\$24,726	\$24,656	\$26,940	\$30,503	\$35,697	\$0	\$0	\$0	\$0	\$26,176
60-64	14	11	14	17	15	444	466	512	353	173	0	0	0	0	2,019
	\$19,571	\$18,685	\$21,731	\$20,312	\$17,977	\$23,628	\$26,774	\$27,552	\$31,657	\$35,108	\$0	\$0	\$0	\$0	\$27,598
65-69	1	2	3	4	5	152	124	128	89	39	0	0	0	0	547
	\$12,972	\$14,277	\$14,277	\$14,648	\$12,929	\$23,185	\$25,460	\$24,494	\$29,077	\$32,368	\$0	\$0	\$0	\$0	\$25,374
70 & Over	1	2	1	0	4	49	50	49	22	12	0	0	0	0	190
	\$14,139	*	*	\$0	\$11,845	\$18,685	\$19,697	\$22,757	\$31,752	\$30,870	\$0	\$0	\$0	\$0	\$22,108
Total	208	339	394	382	462	7,278	4,657	2,993	1,213	538	0	0	0	0	18,464
	\$18,615	\$18,374	\$20,441	\$20,751	\$20,068	\$23,858	\$25,403	\$27,726	\$32,385	\$37,005	\$0	\$0	\$0	\$0	\$25,426

Average:	Age	50.5	Number of Participants:	Vested	16,418	Males	4,093	Early Retirement Eligible:	1,051
	Service	11.0		Not Vested	2,046	Females	14,371	Normal Retirement Eligible:	714

*Annual Salary omitted for privacy reasons.
Numbers of participants eligible for early and normal retirement are estimates only.

Age and Service Distribution of Active Members (Number of Actives and Average Salary)														
(Continued)														
SERS Plan 3: Attained Age	Attained Years of Service													Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	332	249	119	45	21	18	0	0	0	0	0	0	0	784
	\$20,069	\$17,662	\$19,602	\$23,579	\$23,702	\$22,626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,591
25-29	348	419	277	140	138	202	2	0	0	0	0	0	0	1,526
	\$19,754	\$18,410	\$22,251	\$21,564	\$23,622	\$26,817	\$36,758	\$0	\$0	\$0	\$0	\$0	\$0	\$21,311
30-34	314	386	265	188	167	338	63	2	0	0	0	0	0	1,723
	\$19,421	\$19,021	\$21,348	\$24,901	\$25,785	\$29,602	\$33,460	\$27,669	\$0	\$0	\$0	\$0	\$0	\$23,363
35-39	488	531	478	335	286	625	191	60	2	0	0	0	0	2,996
	\$19,097	\$16,388	\$19,652	\$22,252	\$23,341	\$26,763	\$34,585	\$38,440	\$25,011	\$0	\$0	\$0	\$0	\$22,441
40-44	582	675	629	494	495	1,249	433	222	78	3	0	0	0	4,860
	\$18,786	\$17,184	\$19,468	\$19,379	\$22,107	\$23,974	\$29,460	\$37,208	\$41,062	\$59,900	\$0	\$0	\$0	\$22,559
45-49	480	654	629	599	544	1,627	1,052	632	198	90	0	0	0	6,505
	\$18,460	\$17,198	\$19,362	\$20,452	\$21,379	\$23,387	\$26,592	\$33,082	\$42,893	\$42,737	\$0	\$0	\$0	\$23,896
50-54	300	450	451	409	368	1,398	1,348	1,221	392	161	0	0	0	6,498
	\$18,219	\$18,314	\$20,605	\$20,439	\$22,733	\$23,739	\$24,720	\$28,448	\$36,863	\$42,273	\$0	\$0	\$0	\$24,965
55-59	178	280	264	223	201	715	834	1,230	559	173	0	0	0	4,657
	\$18,994	\$17,501	\$21,229	\$21,888	\$23,607	\$25,495	\$25,705	\$27,650	\$32,575	\$35,427	\$0	\$0	\$0	\$26,095
60-64	102	145	125	127	113	324	294	501	388	160	0	0	0	2,279
	\$18,418	\$17,087	\$21,206	\$21,556	\$24,030	\$23,369	\$24,752	\$27,465	\$29,357	\$33,485	\$0	\$0	\$0	\$25,369
65-69	25	39	37	40	42	75	45	49	43	21	0	0	0	416
	\$19,400	\$15,549	\$15,209	\$18,075	\$18,547	\$21,688	\$24,221	\$28,625	\$27,480	\$32,568	\$0	\$0	\$0	\$21,973
70 & Over	8	10	10	14	19	21	16	9	1	2	0	0	0	110
	\$18,500	\$15,944	\$20,926	\$18,521	\$20,300	\$22,524	\$22,395	\$19,896	*	\$22,440	\$0	\$0	\$0	\$20,546
Total	3,157	3,838	3,284	2,614	2,394	6,592	4,278	3,926	1,661	610	0	0	0	32,354
	\$19,039	\$17,558	\$20,186	\$21,041	\$22,683	\$24,520	\$26,415	\$29,449	\$34,329	\$37,782	\$0	\$0	\$0	\$23,905

Average:	Age	46.8	Number of Participants:	Vested	13,924	Males	6,959	Early Retirement Eligible:	4,139
	Service	7.4		Not Vested	18,430	Females	25,395	Normal Retirement Eligible:	272

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

**Age and Service Distribution of Active Members
(Number of Actives and Average Salary)**

(Continued)

PSERS Plan 2:

Attained Age	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	Total
Under 25	70	0	0	0	0	0	0	0	0	0	0	0	0	70
	\$36,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$36,726
25-29	227	0	0	0	0	0	0	0	0	0	0	0	0	227
	\$39,793	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,793
30-34	316	0	0	0	0	0	0	0	0	0	0	0	0	316
	\$46,939	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,939
35-39	460	0	0	0	0	0	0	0	0	0	0	0	0	460
	\$50,928	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,928
40-44	440	0	0	0	0	0	0	0	0	0	0	0	0	440
	\$52,721	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,721
45-49	344	0	0	0	0	0	0	0	0	0	0	0	0	344
	\$53,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$53,723
50-54	176	0	0	0	0	0	0	0	0	0	0	0	0	176
	\$54,673	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$54,673
55-59	37	0	0	0	0	0	0	0	0	0	0	0	0	37
	\$47,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,118
60-64	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	\$49,730	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,730
65-69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	2,073	0	0	0	0	0	0	0	0	0	0	0	0	2,073
	\$49,714	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,714

Average: Age 39.0 Number of Participants: Vested 0 Not Vested 2,073 Males 1,470 Females 603 Early Retirement Eligible: 18 Normal Retirement Eligible: 0

*Annual Salary omitted for privacy reasons.
Numbers of participants eligible for early and normal retirement are estimates only.

**Age and Service Distribution of Active Members
(Number of Actives and Average Salary)**

(Continued)

LEOFF Plan 1: Attained Age	Attained Years of Service											Total				
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34		35-39	40 & Over		
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35-39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45-49	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50-54	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55-59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60-64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65-69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	1	0	0	0	0	0	2	1	5	91	376	110	10	596	\$80,630	
	*	\$0	\$0	\$0	\$0	\$0	\$90,570	*	\$62,958	\$78,519	\$80,058	\$83,944	\$88,539	\$80,630		

Average: Age 56.4 Number of Participants: Vested 595 Males 586 Early Retirement Eligible: N/A
 Service 32.0 Not Vested 1 Females 10 Normal Retirement Eligible: 588

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

Age and Service Distribution of Active Members
(Number of Actives and Average Salary)

(Continued)

LEOFF Plan 2:

Attained Age	Attained Years of Service										Total			
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29		30-34	35-39	40 & Over
Under 25	88	99	31	8	4	0	0	0	0	0	0	0	0	230
	\$45,510	\$49,733	\$53,666	\$57,607	\$68,450	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,247
25-29	166	290	204	188	152	291	1	0	0	0	0	0	0	1,292
	\$46,803	\$50,048	\$58,808	\$60,417	\$65,779	\$69,298	*	\$0	\$0	\$0	\$0	\$0	\$0	\$58,743
30-34	96	203	167	190	217	1,223	243	0	0	0	0	0	0	2,339
	\$47,943	\$52,418	\$59,068	\$62,618	\$65,072	\$71,731	\$74,897	\$0	\$0	\$0	\$0	\$0	\$0	\$67,145
35-39	59	140	121	145	138	1,205	1,270	356	2	0	0	0	0	3,436
	\$49,267	\$55,978	\$56,902	\$64,886	\$68,833	\$72,123	\$76,115	\$81,191	\$97,469	\$0	\$0	\$0	\$0	\$72,529
40-44	23	71	44	65	53	555	814	1,130	280	3	0	0	0	3,038
	\$48,588	\$57,151	\$57,895	\$65,061	\$70,549	\$71,738	\$77,582	\$81,416	\$89,209	\$80,955	\$0	\$0	\$0	\$77,643
45-49	12	26	19	39	29	237	413	753	711	359	0	0	0	2,598
	\$54,802	\$60,523	\$59,964	\$65,112	\$73,196	\$69,709	\$76,215	\$81,354	\$86,395	\$93,530	\$0	\$0	\$0	\$81,714
50-54	9	15	12	23	22	114	185	356	464	746	0	0	0	1,946
	\$49,293	\$68,233	\$52,932	\$69,199	\$82,462	\$70,653	\$75,391	\$80,604	\$85,316	\$88,646	\$0	\$0	\$0	\$83,207
55-59	1	9	6	15	13	47	51	123	139	275	1	0	0	680
	* \$82,853	\$87,616	\$63,135	\$88,532	\$75,927	\$75,319	\$77,616	\$83,342	\$86,906	\$0	*	\$0	\$0	\$82,273
60-64	0	2	3	4	5	12	14	34	34	34	0	0	0	142
	\$0	\$53,519	\$51,109	\$84,062	\$59,965	\$76,862	\$74,117	\$80,333	\$79,925	\$82,459	\$0	\$0	\$0	\$78,231
65-69	0	0	0	0	1	2	6	3	3	1	0	0	0	16
	\$0	\$0	\$0	\$0	* \$93,277	\$72,424	\$68,018	\$88,772	\$0	\$0	\$0	\$0	\$0	\$78,680
70 & Over	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	* \$0
Total	454	855	607	677	634	3,686	2,997	2,756	1,633	1,418	1	0	0	15,718
	\$47,495	\$53,126	\$58,337	\$63,173	\$67,910	\$71,587	\$76,359	\$81,064	\$86,194	\$89,410	*	\$0	\$0	\$74,562

Average:	Age	40.8	Number of Participants:	Vested	12,116	Males	14,426	Early Retirement Eligible:	813
	Service	11.9	Not Vested	3,602	Females	1,292	Normal Retirement Eligible:	1,364	

*Annual Salary omitted for privacy reasons.
Numbers of participants eligible for early and normal retirement are estimates only.

Age and Service Distribution of Active Members (Number of Actives and Average Salary)														
<i>(Continued)</i>														
WSP Plan 1: Attained Age	Attained Years of Service													Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25-29	0	0	0	0	0	29	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$61,272	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30-34	0	0	0	0	1	111	23	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	*	\$63,806	\$66,947	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35-39	0	0	0	1	2	81	82	71	0	0	0	0	0	0
	\$0	\$0	\$0	*	\$59,004	\$65,384	\$69,089	\$71,598	\$0	\$0	\$0	\$0	\$0	\$0
40-44	0	0	0	0	0	41	35	126	54	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$62,342	\$69,641	\$71,798	\$76,640	\$0	\$0	\$0	\$0	\$0
45-49	0	0	0	0	1	20	6	40	70	10	0	0	0	0
	\$0	\$0	\$0	\$0	*	\$62,469	\$69,152	\$71,566	\$73,721	\$83,448	\$0	\$0	\$0	\$0
50-54	0	0	0	0	0	5	1	8	21	27	5	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$63,488	*	\$68,195	\$73,804	\$82,891	\$71,857	\$0	\$0	\$0
55-59	0	0	0	0	0	4	4	8	8	3	8	2	0	0
	\$0	\$0	\$0	\$0	\$0	\$65,431	\$66,464	\$66,782	\$76,270	\$77,038	\$77,897	\$71,688	\$0	\$0
60-64	0	0	0	0	0	0	0	1	0	0	1	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	\$0	\$0	*	\$0	\$0	\$0
65-69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	0	0	0	1	4	291	151	250	153	40	14	2	0	906
	\$0	\$0	\$0	\$56,051	\$63,711	\$68,821	\$71,482	\$74,896	\$82,591	\$74,625	\$71,688	\$0	\$0	\$69,606

Average: Age 40.9 Number of Participants: Vested 896 Males 832 Early Retirement Eligible: N/A
 Service 14.1 Not Vested 10 Females 74 Normal Retirement Eligible: 77

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

Age and Service Distribution of Active Members
(Number of Actives and Average Salary)

(Continued)

WSP Plan 2: Attained Age	Attained Years of Service										Total			
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29		30-34	35-39	40 & Over
Under 25	0	1	1	2	0	0	0	0	0	0	0	0	0	4
	\$0	*	\$49,361	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,159
25-29	0	1	10	17	16	7	0	0	0	0	0	0	0	51
	\$0	*	\$46,953	\$49,593	\$55,250	\$53,817	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,567
30-34	0	1	3	16	13	7	0	0	0	0	0	0	0	40
	\$0	*	\$50,359	\$51,815	\$54,919	\$56,305	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$53,350
35-39	0	2	0	3	9	3	0	0	0	0	0	0	0	17
	\$0	\$45,135	\$0	\$50,492	\$55,310	\$59,043	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$53,922
40-44	0	0	1	2	0	0	0	0	0	0	0	0	0	3
	\$0	\$0	*	\$49,794	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,074
45-49	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	\$0	\$0	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*
50-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55-59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60-64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65-69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	0	5	15	41	38	17	0	0	0	0	0	0	0	116
	\$0	\$47,883	\$47,494	\$50,457	\$55,151	\$55,764	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,278

Average: Age 30.4 Number of Participants: Vested 108 Early Retirement Eligible: N/A
 Service 3.3 Not Vested 8 Normal Retirement Eligible: 0

*Annual Salary omitted for privacy reasons.
 Numbers of participants eligible for early and normal retirement are estimates only.

Age/Years Retired Distributions

Age and Years Retired Distribution of All Annuitant Members (Number of All Annuitant Members and Average Monthly Benefit)														
PERS Plan 1: Attained Age	Attained Years Retired													Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 50	8	13	11	8	6	43	16	12	4	8	3	1	0	133
	\$3,343	\$2,118	\$1,431	\$1,509	\$1,124	\$856	\$1,023	\$416	\$246	\$216	\$138	*	\$0	\$1,131
50-54	151	250	182	125	98	86	36	18	9	5	3	1	0	964
	\$2,873	\$2,921	\$2,692	\$2,579	\$2,475	\$1,405	\$668	\$534	\$498	\$222	\$357	*	\$0	\$2,470
55-59	281	606	659	637	636	1,146	172	39	21	16	6	2	0	4,221
	\$2,748	\$2,888	\$2,800	\$2,830	\$2,794	\$2,478	\$1,348	\$621	\$344	\$220	\$261	\$356	\$0	\$2,619
60-64	338	690	727	689	805	3,160	995	124	54	19	11	3	2	7,617
	\$1,888	\$1,967	\$2,105	\$2,229	\$2,255	\$2,398	\$1,978	\$965	\$429	\$427	\$329	\$260	\$234	\$2,177
65-69	132	341	409	559	675	3,636	2,078	469	93	37	14	8	1	8,452
	\$1,671	\$1,759	\$1,756	\$1,819	\$1,777	\$1,637	\$1,846	\$1,608	\$833	\$413	\$373	\$307	*	\$1,703
70-74	25	49	55	72	140	2,245	4,023	1,052	429	106	37	9	4	8,246
	\$1,770	\$1,934	\$1,937	\$1,684	\$1,818	\$1,503	\$1,343	\$1,690	\$1,275	\$700	\$348	\$257	\$220	\$1,433
75-79	3	13	14	17	22	362	2,747	3,553	1,070	399	92	23	9	8,324
	\$847	\$1,348	\$2,001	\$2,098	\$1,918	\$1,599	\$1,320	\$1,068	\$1,296	\$1,070	\$573	\$370	\$347	\$1,202
80-84	2	5	2	5	6	61	373	2,469	3,717	891	299	33	7	7,870
	\$2,876	\$1,116	\$1,728	\$1,962	\$1,655	\$1,456	\$1,430	\$1,022	\$828	\$1,061	\$824	\$424	\$377	\$949
85-89	1	2	3	3	3	25	77	380	2,230	2,483	549	67	19	5,842
	\$2,882	\$1,607	\$1,607	\$2,494	\$1,912	\$1,499	\$1,466	\$1,051	\$788	\$682	\$840	\$504	\$413	\$775
90-94	0	0	0	0	1	1	11	28	206	1,107	1,020	100	16	2,490
	\$0	\$0	\$0	\$0	*	\$884	\$1,015	\$777	\$661	\$661	\$663	\$619	\$486	\$676
95 & Over	0	0	0	0	0	0	1	2	8	65	404	171	24	675
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$421	\$550	\$701	\$692	\$559	\$596	\$657
Total	941	1,969	2,062	2,115	2,392	10,765	10,529	8,146	7,841	5,136	2,438	418	82	54,834
	\$2,282	\$2,330	\$2,300	\$2,300	\$2,240	\$1,915	\$1,497	\$1,159	\$898	\$769	\$714	\$528	\$454	\$1,468

Average: Age 73.3
Years Retired 14.1

Males 23,403
Females 31,431

*Monthly benefit omitted for privacy reasons.

**Age and Years Retired Distribution of All Annuitant Members
(Number of All Annuitant Members and Average Monthly Benefit)**

(Continued)

PERS Plan 2:

Attained Age	Attained Years Retired										Total			
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29		30-34	35-39	40 & Over
Under 50	3	10	14	16	19	17	8	1	0	0	0	0	0	88
	\$169	\$335	\$182	\$162	\$158	\$149	\$227	*	\$0	\$0	\$0	\$0	\$0	\$187
50-54	8	34	29	21	23	52	4	1	0	0	0	0	0	172
	\$496	\$290	\$310	\$278	\$270	\$192	\$191	*	\$0	\$0	\$0	\$0	\$0	\$269
55-59	40	105	61	54	45	146	28	0	0	0	0	0	0	479
	\$722	\$577	\$513	\$449	\$415	\$257	\$243	\$0	\$0	\$0	\$0	\$0	\$0	\$434
60-64	127	231	195	129	95	288	52	6	1	0	0	0	0	1,124
	\$1,150	\$955	\$876	\$640	\$583	\$399	\$174	\$286	*	\$0	\$0	\$0	\$0	\$713
65-69	485	1,055	1,011	909	778	580	101	11	0	0	0	0	0	4,930
	\$1,045	\$964	\$992	\$917	\$832	\$718	\$258	\$257	\$0	\$0	\$0	\$0	\$0	\$903
70-74	39	95	111	141	215	3,433	186	43	2	0	0	0	0	4,265
	\$986	\$1,085	\$1,068	\$983	\$1,005	\$759	\$407	\$255	\$253	\$0	\$0	\$0	\$0	\$775
75-79	4	16	26	31	44	544	1,738	70	8	0	0	0	0	2,481
	\$638	\$887	\$764	\$827	\$817	\$672	\$618	\$363	\$207	\$0	\$0	\$0	\$0	\$631
80-84	3	6	5	15	10	104	274	617	20	0	0	0	0	1,054
	\$688	\$870	\$1,266	\$425	\$615	\$579	\$618	\$489	\$192	\$0	\$0	\$0	\$0	\$533
85-89	0	0	1	1	0	27	43	80	107	0	0	0	0	259
	\$0	\$0	*	*	\$0	\$518	\$526	\$488	\$330	\$0	\$0	\$0	\$0	\$433
90-94	0	0	0	0	0	3	6	11	9	0	0	0	0	29
	\$0	\$0	\$0	\$0	\$0	\$533	\$310	\$470	\$375	\$0	\$0	\$0	\$0	\$414
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	709	1,552	1,453	1,317	1,229	5,194	2,440	840	147	0	0	0	0	14,881
	\$1,028	\$924	\$937	\$851	\$804	\$698	\$569	\$461	\$306	\$0	\$0	\$0	\$0	\$745

Average: Age 70.5
Years Retired 6.3

Males 6,491
Females 8,390

*Monthly benefit omitted for privacy reasons.

Age and Years Retired Distribution of All Annuitant Members (Number of All Annuitant Members and Average Monthly Benefit)															
<i>(Continued)</i>															
PERS Plan 3: Attained Age	Attained Years Retired														Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over		
Under 50	2	2	1	1	2	0	0	0	0	0	0	0	0	8	
	\$166	\$58	*	*	\$129	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120	
50-54	1	5	3	3	2	0	0	0	0	0	0	0	0	14	
	*	\$172	\$170	\$193	\$120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$170	
55-59	22	25	27	23	6	0	0	0	0	0	0	0	0	103	
	\$374	\$228	\$228	\$337	\$227	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$283	
60-64	24	61	51	37	13	0	0	0	0	0	0	0	0	186	
	\$439	\$450	\$379	\$352	\$385	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$405	
65-69	9	32	41	51	20	0	0	0	0	0	0	0	0	153	
	\$898	\$689	\$504	\$488	\$505	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$560	
70-74	0	7	4	3	3	0	0	0	0	0	0	0	0	17	
	\$0	\$547	\$752	\$768	\$928	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$701	
75-79	1	1	0	0	1	0	0	0	0	0	0	0	0	3	
	*	*	\$0	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$356	
80-84	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	
85-89	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	\$0	\$0	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	
90-94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	59	134	127	119	47	0	0	0	0	0	0	0	0	486	
	\$468	\$455	\$392	\$414	\$425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$427	
Average:		Age	62.5						Males	255					
		Years Retired	1.9						Females	231					

*Monthly benefit omitted for privacy reasons.

**Age and Years Retired Distribution of All Annuitant Members
(Number of All Annuitant Members and Average Monthly Benefit)**

(Continued)

TRS Plan 1: Attained Age	Attained Years Retired											Total		
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34		35-39	40 & Over
Under 50	0	2	3	3	1	11	7	1	2	1	0	0	0	31
	\$0	\$3,226	\$1,222	\$2,299	*	\$1,275	\$1,123	*	\$565	*	\$0	\$0	\$0	\$1,347
50-54	141	60	43	8	2	22	16	5	4	4	0	0	0	305
	\$3,089	\$3,041	\$2,734	\$2,366	\$732	\$1,587	\$1,056	\$725	\$539	\$823	\$0	\$0	\$0	\$2,678
55-59	439	585	660	612	569	757	69	22	9	5	2	4	0	3,733
	\$2,775	\$2,752	\$2,762	\$2,697	\$2,505	\$2,303	\$1,172	\$756	\$499	\$327	\$610	\$880	\$0	\$2,566
60-64	477	567	640	591	741	3,534	708	46	22	13	6	4	2	7,351
	\$2,262	\$2,133	\$2,044	\$2,042	\$2,053	\$2,088	\$1,826	\$951	\$475	\$471	\$444	\$528	\$693	\$2,049
65-69	92	119	150	197	265	2,784	2,226	277	47	21	16	3	0	6,197
	\$2,281	\$2,349	\$2,177	\$2,123	\$2,093	\$1,629	\$1,875	\$1,640	\$802	\$441	\$363	\$634	\$0	\$1,776
70-74	6	17	22	30	39	908	2,655	1,467	315	49	26	3	1	5,538
	\$2,161	\$2,663	\$1,976	\$2,099	\$2,070	\$1,846	\$1,648	\$1,753	\$1,267	\$661	\$454	\$733	*	\$1,682
75-79	2	4	1	4	10	144	1,056	2,119	1,329	255	40	2	0	4,966
	\$1,120	\$1,872	*	\$2,368	\$1,862	\$1,900	\$1,810	\$1,353	\$1,466	\$1,139	\$602	\$416	\$0	\$1,481
80-84	0	0	1	0	2	8	115	770	1,656	856	74	5	0	3,487
	\$0	\$0	*	\$0	\$2,561	\$2,296	\$1,753	\$1,376	\$1,093	\$1,271	\$860	\$562	\$0	\$1,219
85-89	0	0	0	1	0	2	16	104	680	1,254	370	17	1	2,445
	\$0	\$0	\$0	*	\$0	\$2,022	\$1,572	\$1,443	\$1,151	\$982	\$1,046	\$790	*	\$1,061
90-94	0	0	0	0	0	0	1	8	64	392	626	55	4	1,150
	\$0	\$0	\$0	\$0	\$0	\$0	*	\$1,758	\$1,206	\$1,023	\$955	\$976	\$962	\$1,000
95 & Over	0	0	0	0	0	0	0	0	1	22	297	192	30	542
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	\$882	\$1,142	\$903	\$831	\$1,029
Total	1,157	1,354	1,520	1,446	1,629	8,170	6,869	4,819	4,129	2,872	1,457	285	38	35,745
	\$2,556	\$2,467	\$2,385	\$2,334	\$2,215	\$1,919	\$1,760	\$1,490	\$1,229	\$1,073	\$983	\$891	\$819	\$1,727

Average: Age 71.0
Years Retired 13.2

Males 15,384
Females 20,361

*Monthly benefit omitted for privacy reasons.

Age and Years Retired Distribution of All Annuitant Members (Number of All Annuitant Members and Average Monthly Benefit)														
(Continued)														
Attained Age	Attained Years Retired													Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 50	0	0	0	1	2	4	1	0	0	0	0	0	0	8
	\$0	\$0	\$0	*	\$532	\$283	*	\$0	\$0	\$0	\$0	\$0	\$0	\$302
50-54	0	0	2	1	2	2	3	0	0	0	0	0	0	10
	\$0	\$0	\$407	*	\$207	\$342	\$411	\$0	\$0	\$0	\$0	\$0	\$0	\$321
55-59	9	7	5	2	2	6	3	0	0	0	0	0	0	34
	\$800	\$576	\$643	\$1,000	\$143	\$167	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$536
60-64	37	38	31	22	5	14	3	1	0	0	0	0	0	151
	\$1,464	\$1,437	\$1,033	\$809	\$767	\$516	\$350	*	\$0	\$0	\$0	\$0	\$0	\$1,136
65-69	98	167	148	104	84	82	9	1	0	0	0	0	0	693
	\$1,534	\$1,315	\$1,194	\$1,066	\$1,246	\$1,012	\$546	*	\$0	\$0	\$0	\$0	\$0	\$1,227
70-74	9	8	13	16	24	356	26	2	0	0	0	0	0	454
	\$1,496	\$1,581	\$1,585	\$1,316	\$1,454	\$1,074	\$834	\$374	\$0	\$0	\$0	\$0	\$0	\$1,118
75-79	0	1	2	3	2	45	110	2	0	0	0	0	0	165
	\$0	*	\$1,202	\$1,328	\$1,379	\$1,098	\$939	\$350	\$0	\$0	\$0	\$0	\$0	\$996
80-84	0	0	0	1	0	7	19	26	0	0	0	0	0	53
	\$0	\$0	\$0	*	\$0	\$931	\$936	\$660	\$0	\$0	\$0	\$0	\$0	\$791
85-89	0	0	0	0	0	2	1	2	1	0	0	0	0	6
	\$0	\$0	\$0	\$0	\$0	\$434	*	\$630	*	\$0	\$0	\$0	\$0	\$606
90-94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	153	221	201	150	121	518	175	34	1	0	0	0	0	1,574
	\$1,472	\$1,325	\$1,173	\$1,042	\$1,222	\$1,027	\$865	\$616	*	\$0	\$0	\$0	\$0	\$1,120

Average: Age 69.0
Years Retired 4.9

Males 429
Females 1,145

*Monthly benefit omitted for privacy reasons.

Age and Years Retired Distribution of All Annuitant Members
 (Number of All Annuitant Members and Average Monthly Benefit)
 (Continued)

TRS Plan 3: Attained Age	Attained Years Retired												Total	
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39		40 & Over
Under 50	0	2	2	3	2	0	0	0	0	0	0	0	0	9
	\$0	\$101	\$307	\$141	\$306	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$205
50-54	0	4	3	3	1	5	0	0	0	0	0	0	0	16
	\$0	\$193	\$442	\$177	*	\$126	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$216
55-59	34	26	22	16	16	15	0	0	0	0	0	0	0	129
	\$464	\$254	\$306	\$268	\$276	\$180	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$314
60-64	68	62	50	40	31	78	0	0	0	0	0	0	0	329
	\$638	\$537	\$490	\$399	\$346	\$302	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$460
65-69	62	73	79	47	43	85	1	0	0	0	0	0	0	390
	\$747	\$767	\$767	\$670	\$523	\$479	*	\$0	\$0	\$0	\$0	\$0	\$0	\$661
70-74	5	4	3	3	3	35	2	0	0	0	0	0	0	55
	\$669	\$529	\$595	\$506	\$608	\$579	\$366	\$0	\$0	\$0	\$0	\$0	\$0	\$575
75-79	0	0	1	0	0	1	0	0	0	0	0	0	0	2
	\$0	\$0	*	\$0	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$591
80-84	0	0	0	1	0	1	0	0	0	0	0	0	0	2
	\$0	\$0	\$0	*	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$232
85-89	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	\$0	\$0	\$0	\$0	\$0	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	*
90-94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	169	171	160	113	96	220	4	0	0	0	0	0	0	933
	\$644	\$579	\$599	\$482	\$420	\$404	\$296	\$0	\$0	\$0	\$0	\$0	\$0	\$524

Average: Age 63.7 Years Retired 2.9

Males 264 Females 669

*Monthly benefit omitted for privacy reasons.

Age and Years Retired Distribution of All Annuitant Members (Number of All Annuitant Members and Average Monthly Benefit)															
(Continued)															
SERS Plan 2: Attained Age	Attained Years Retired													Total	
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over		
Under 50	0	2	3	2	3	1	0	0	0	0	0	0	0	11	
	\$0	\$301	\$123	\$57	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$164	
50-54	1	2	5	5	0	1	0	0	0	0	0	0	0	14	
	*	\$262	\$89	\$118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134	
55-59	12	20	15	7	4	9	0	0	0	0	0	0	0	67	
	\$538	\$350	\$284	\$263	\$226	\$155	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$326	
60-64	38	55	52	35	23	21	0	0	0	0	0	0	0	224	
	\$768	\$581	\$596	\$386	\$429	\$253	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540	
65-69	139	233	223	190	127	51	0	0	0	0	0	0	0	963	
	\$595	\$647	\$654	\$656	\$633	\$545	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$636	
70-74	25	23	40	70	73	200	0	0	0	0	0	0	0	431	
	\$637	\$560	\$435	\$549	\$580	\$568	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$558	
75-79	7	11	7	13	19	23	0	0	0	0	0	0	0	80	
	\$702	\$381	\$413	\$285	\$353	\$471	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$415	
80-84	3	2	5	4	2	5	0	0	0	0	0	0	0	21	
	\$178	\$379	\$298	\$370	\$584	\$315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$334	
85-89	0	0	2	1	0	0	0	0	0	0	0	0	0	3	
	\$0	\$0	\$266	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$445	
90-94	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	225	349	352	327	251	311	0	0	0	0	0	0	0	1,815	
	\$622	\$599	\$580	\$566	\$566	\$517	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$574	
Average:	Years Retired	Age												Males	614
		2.6												Females	1,201

*Monthly benefit omitted for privacy reasons.

**Age and Years Retired Distribution of All Annuitant Members
(Number of All Annuitant Members and Average Monthly Benefit)**

(Continued)

SERS Plan 3: Attained Age	Attained Years Retired										Total			
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29		30-34	35-39	40 & Over
Under 50	0	1	0	0	1	0	0	0	0	0	0	0	0	2
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$129
50-54	0	1	1	0	1	1	0	0	0	0	0	0	0	4
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$162
55-59	16	27	22	7	4	1	0	0	0	0	0	0	0	77
	\$208	\$184	\$196	\$166	\$61	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$184
60-64	56	95	67	39	28	42	0	0	0	0	0	0	0	327
	\$271	\$271	\$260	\$185	\$175	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$236
65-69	45	101	107	81	53	64	0	0	0	0	0	0	0	451
	\$377	\$305	\$325	\$311	\$297	\$265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$311
70-74	2	8	9	8	20	23	0	0	0	0	0	0	0	70
	\$295	\$183	\$292	\$254	\$302	\$205	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250
75-79	0	1	0	0	3	5	0	0	0	0	0	0	0	9
	\$0	\$0	\$0	\$0	\$230	\$292	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$264
80-84	1	0	0	0	0	1	0	0	0	0	0	0	0	2
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$322
85-89	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*
90-94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	120	234	207	135	110	137	0	0	0	0	0	0	0	943
	\$304	\$272	\$287	\$264	\$253	\$221	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$269

Average: Age 64.8 Males 232
 Years Retired 2.4 Females 711

*Monthly benefit omitted for privacy reasons.

Age and Years Retired Distribution of All Annuitant Members (Number of All Annuitant Members and Average Monthly Benefit)														
<i>(Continued)</i>														
LEOFF Plan 1: Attained Age	Attained Years Retired													
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	Total
Under 50	0	0	0	0	1	3	5	4	2	1	3	1	0	20
	\$0	\$0	\$0	\$0	\$0	\$2,011	\$2,385	\$2,141	\$2,480	*	\$691	*	\$0	\$1,930
50-54	9	31	20	33	21	80	55	36	24	14	1	0	0	324
	\$4,161	\$4,107	\$3,738	\$3,692	\$3,241	\$3,132	\$2,907	\$2,536	\$2,295	\$2,152	*	\$0	\$0	\$3,142
55-59	22	52	74	62	81	498	242	152	115	87	13	1	0	1,399
	\$4,940	\$4,345	\$4,070	\$3,730	\$3,816	\$3,241	\$2,877	\$2,613	\$2,354	\$2,257	\$2,214	*	\$0	\$3,131
60-64	8	33	47	49	48	554	721	297	183	172	62	9	0	2,183
	\$4,319	\$4,660	\$4,794	\$4,054	\$4,035	\$3,572	\$2,939	\$2,794	\$2,466	\$2,432	\$2,363	\$2,146	\$0	\$3,101
65-69	0	5	5	7	9	130	355	451	142	149	70	14	0	1,337
	\$0	\$4,373	\$4,450	\$4,764	\$4,124	\$3,775	\$3,360	\$2,938	\$2,563	\$2,590	\$2,403	\$2,069	\$0	\$3,044
70-74	0	1	0	0	0	23	94	204	305	184	108	24	0	943
	\$0	*	\$0	\$0	\$0	\$3,988	\$3,832	\$3,238	\$2,707	\$2,699	\$2,588	\$2,151	\$0	\$2,941
75-79	0	0	0	0	0	1	16	84	202	356	170	35	0	864
	\$0	\$0	\$0	\$0	\$0	*	\$4,287	\$3,480	\$3,030	\$2,788	\$2,720	\$2,426	\$0	\$2,914
80-84	0	0	0	0	0	1	3	14	55	219	317	54	0	663
	\$0	\$0	\$0	\$0	\$0	*	\$5,160	\$4,043	\$3,189	\$3,153	\$2,830	\$2,401	\$0	\$2,974
85-89	0	0	0	0	0	0	0	0	16	57	171	101	0	345
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,296	\$2,784	\$2,801	\$2,523	\$0	\$2,693
90-94	0	0	0	0	0	0	0	1	1	8	31	37	0	78
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	*	\$3,911	\$2,753	\$2,545	\$0	\$2,803
95 & Over	0	0	0	0	0	0	0	0	0	2	9	5	0	16
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,763	\$1,806	\$2,522	\$0	\$2,149
Total	39	122	146	151	160	1,290	1,491	1,243	1,045	1,249	955	281	0	8,172
	\$4,633	\$4,398	\$4,270	\$3,875	\$3,811	\$3,445	\$3,101	\$2,948	\$2,680	\$2,728	\$2,688	\$2,420	\$0	\$3,025
Average:	Age	67.3												
	Years Retired	17.9												
			Males	6,738										
			Females	1,434										

*Monthly benefit omitted for privacy reasons.

**Age and Years Retired Distribution of All Annuitant Members
(Number of All Annuitant Members and Average Monthly Benefit)**

(Continued)

LEOFF Plan 2:

Attained Age	Attained Years Retired													Total	
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over		
Under 50	1	7	9	6	4	7	0	0	0	0	0	0	0	0	34
	\$1,290	\$1,452	\$1,017	\$696	\$561	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,094
50-54	39	72	19	9	6	9	0	0	0	0	0	0	0	0	154
	\$2,436	\$2,282	\$2,595	\$2,134	\$1,532	\$1,229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,260
55-59	29	73	65	44	35	47	1	1	0	0	0	0	0	0	295
	\$2,724	\$2,516	\$2,253	\$1,953	\$1,651	\$1,465	*	*	\$0	\$0	\$0	\$0	\$0	\$0	\$2,110
60-64	10	21	22	15	19	75	2	0	0	0	0	0	0	0	164
	\$2,301	\$2,207	\$1,881	\$2,053	\$1,571	\$1,434	\$622	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,709
65-69	3	4	7	8	12	31	16	1	0	0	0	0	0	0	82
	\$1,917	\$1,630	\$1,607	\$1,479	\$1,522	\$1,435	\$564	*	\$0	\$0	\$0	\$0	\$0	\$0	\$1,311
70-74	0	0	0	2	2	13	16	0	0	0	0	0	0	0	34
	\$0	\$0	\$0	\$1,041	\$2,016	\$1,330	\$921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,122
75-79	0	0	0	0	0	1	4	6	2	0	0	0	0	0	13
	\$0	\$0	\$0	\$0	\$0	*	\$1,715	\$681	\$537	\$0	\$0	\$0	\$0	\$0	\$1,033
80-84	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$723	\$0	\$0	\$0	\$0	\$0	\$0	\$723
85-89	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	\$0	\$0	\$0	\$0	*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*
90-94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	82	177	122	84	79	183	39	10	2	1	0	0	0	0	779
	\$2,501	\$2,316	\$2,143	\$1,857	\$1,551	\$1,391	\$830	\$600	\$537	*	\$0	\$0	\$0	\$0	\$1,860

Average: Age 58.5
Years Retired 3.6

Males 692
Females 87

*Monthly benefit omitted for privacy reasons.

Age and Years Retired Distribution of All Annuitant Members (Number of All Annuitant Members and Average Monthly Benefit)																
(Continued)																
WSP Plan 1: Attained Age	Attained Years Retired															Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over			
Under 50	1	6	12	3	1	3	1	4	0	0	0	0	0	0	31	
	*	\$3,274	\$3,713	\$1,792	*	\$1,761	*	\$293	\$0	\$0	\$0	\$0	\$0	\$0	\$2,624	
50-54	4	13	16	7	5	15	3	3	1	2	0	0	0	0	69	
	\$4,004	\$3,586	\$3,530	\$4,058	\$3,750	\$3,500	\$1,491	\$994	*	\$0	\$0	\$0	\$0	\$0	\$3,302	
55-59	1	9	14	9	13	78	29	3	1	1	2	0	0	0	160	
	*	\$3,700	\$3,582	\$3,712	\$4,027	\$3,803	\$2,817	\$2,070	*	*	\$341	\$0	\$0	\$0	\$3,497	
60-64	1	3	4	4	12	50	115	14	3	4	5	0	0	0	215	
	*	\$3,925	\$3,803	\$3,338	\$3,810	\$4,230	\$3,180	\$2,436	\$0	\$242	\$349	\$0	\$0	\$0	\$3,271	
65-69	0	0	0	0	0	17	73	52	11	8	1	1	0	0	163	
	\$0	\$0	\$0	\$0	\$0	\$4,055	\$3,636	\$2,773	\$1,834	\$539	*	*	\$0	\$0	\$3,090	
70-74	0	0	0	1	1	1	10	28	39	9	1	0	0	0	90	
	\$0	\$0	\$0	*	*	\$5,086	\$3,077	\$3,077	\$2,559	\$1,919	*	\$0	\$0	\$0	\$2,933	
75-79	0	0	0	0	0	1	0	10	29	20	5	1	0	0	66	
	\$0	\$0	\$0	\$0	\$0	*	\$0	\$3,207	\$2,477	\$1,969	\$918	*	\$0	\$0	\$2,278	
80-84	0	0	1	0	0	1	0	0	6	13	7	1	4	33		
	\$0	\$0	*	\$0	\$0	*	\$0	\$0	\$1,587	\$2,759	\$1,317	*	\$399	\$1,886		
85-89	0	0	0	0	0	0	0	1	0	5	8	4	3	21		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	\$0	\$1,579	\$1,224	\$734	\$599	\$1,140		
90-94	0	0	0	0	0	0	0	0	0	1	5	8	2	16		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*	\$1,183	\$832	\$651	\$1,112		
95 & Over	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	*		
Total	7	31	47	24	32	166	231	115	90	63	34	15	10	865		
	\$3,795	\$3,592	\$3,590	\$3,460	\$3,727	\$3,882	\$3,335	\$2,682	\$2,255	\$1,755	\$962	\$726	\$540	\$3,000		
Average:	Years Retired	Age														
	13.8	64.9														
			Males	735												
			Females	130												

*Monthly benefit omitted for privacy reasons.

Historical Data

	Historical Data											
	2006		2005		2004		2003		2002		2001 ¹	
	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2
PERS												
Contribution Information												
Employer Rate	7.72%	7.72%	7.11%	7.11%	5.65%	5.65%	5.73%	5.73%	3.78%	3.78%	2.05%	2.05%
Employee Rate	6.00%	4.62%	6.00%	3.92%	6.00%	3.42%	6.00%	3.38%	6.00%	2.63%	6.00%	1.41%
Funded Status												
Credited Projected Liability	\$12,989	\$11,152	\$13,146	\$9,663	\$12,182	\$8,504	\$12,431	\$7,658	\$11,682	\$6,777	\$11,291	\$6,158
Market Value of Assets	\$10,458	\$14,881	\$9,837	\$12,704	\$9,128	\$10,776	\$8,730	\$9,461	\$8,236	\$8,246	\$9,373	\$9,443
Actuarial Value of Assets	\$9,591	\$13,529	\$9,707	\$12,274	\$9,928	\$11,431	\$10,227	\$10,842	\$10,757	\$10,701	\$10,990	\$11,032
Unfunded Liability	\$3,398	(\$2,377)	\$3,439	(\$2,611)	\$2,254	(\$2,927)	\$2,204	(\$3,184)	\$925	(\$3,924)	\$301	(\$4,874)
Funded Ratio	73.84%	121.32%	73.84%	127.02%	81.50%	134.42%	82.27%	141.58%	92.08%	157.89%	97.00%	179.00%
Participant Data												
Number of Actives	14,213	140,814	15,962	139,616	17,829	138,427	19,740	134,810	21,737	132,448	23,981	128,955
Total Annual Salaries	\$726	\$6,771	\$786	\$6,445	\$863	\$6,221	\$945	\$5,930	\$1,023	\$5,661	\$1,085	\$5,249
Number of Terminated Vested	2,675	22,935	2,833	19,734	2,993	18,038	3,142	16,859	3,280	15,872	3,310	15,102
Number of Terminated, Not Vested	5,006	83,220	5,197	81,020	5,847	78,411	6,525	78,853	7,010	77,151	8,019	76,733
Number of Retirees and Beneficiaries	54,834	15,367	54,795	13,814	54,568	12,328	54,372	10,990	54,006	9,750	53,538	8,651
Total Annual Benefits	\$967	\$135	\$918	\$114	\$868	\$96	\$816	\$81	\$760	\$68	\$705	\$57
Assumptions												
Valuation Interest Rate	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	5.90%	5.90%
Salary Increase	4.80%	6.00%	4.80%	6.10%	4.80%	6.20%	4.80%	6.20%	4.80%	6.30%	3.60%	4.70%
Inflation ³	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Growth in Membership	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	0.94%	0.94%
Actuarial Experience												
Return on Market Value	15.79%	15.80%	17.56%	17.59%	13.93%	13.75%	14.97%	15.05%	(5.83%)	(6.20%)	(9.68%)	(9.80%)
Return on Actuarial Value	8.10%	8.80%	6.30%	7.00%	4.70%	5.30%	1.50%	1.50%	1.60%	1.90%	2.10%	1.90%
Salary Increase	4.90%	6.10%	2.70%	4.00%	2.30%	3.70%	2.80%	4.20%	5.10%	6.40%	3.90%	4.90%
Inflation	3.02%	3.02%	1.57%	1.57%	1.41%	1.41%	1.81%	1.81%	3.55%	3.55%	3.75%	3.75%
Growth in Membership	(0.35%)	(0.35%)	(0.43%)	(0.43%)	1.10%	1.10%	0.24%	0.24%	0.82%	0.82%	0.44%	0.44%
COLA ⁴	\$1.29	3.00%	\$1.25	3.00%	\$1.21	3.00%	\$1.18	3.00%	\$1.14	3.00%	\$1.11	3.00%

Note: See footnotes at the end of this section.

Historical Data (Continued)												
	2006		2005		2004		2003		2002		2001 ¹	
	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²
TRS												
Contribution Information												
Employer Rate	9.63%	9.63%	9.19%	9.19%	5.96%	5.96%	6.74%	6.74%	3.19%	3.19%	2.22%	2.22%
Employee Rate	6.00%	4.27%	6.00%	3.41%	6.00%	2.65%	6.00%	2.48%	6.00%	1.71%	6.00%	1.20%
Funded Status												
Credited Projected Liability	\$10,324	\$3,624	\$10,550	\$3,280	\$9,920	\$2,711	\$10,207	\$2,552	\$9,602	\$2,085	\$9,320	\$1,797
Market Value of Assets	\$8,818	\$5,253	\$8,278	\$4,474	\$7,681	\$3,789	\$7,358	\$3,315	\$6,962	\$2,877	\$7,985	\$3,045
Actuarial Value of Assets	\$8,275	\$4,835	\$8,450	\$4,411	\$8,728	\$4,138	\$9,086	\$3,949	\$9,366	\$3,800	\$9,342	\$3,547
Unfunded Liability	\$2,048	(\$1,212)	\$2,100	(\$1,131)	\$1,192	(\$1,427)	\$1,121	(\$1,397)	\$236	(\$1,715)	(\$22)	(\$1,750)
Funded Ratio	80.16%	133.44%	80.09%	134.48%	87.99%	152.63%	89.02%	154.74%	97.54%	182.25%	100.00%	197.00%
Participant Data												
Number of Actives	7,382	60,354	8,592	58,678	9,862	56,772	11,175	54,900	12,456	53,607	13,971	52,249
Total Annual Salaries	\$478	\$3,225	\$546	\$3,058	\$616	\$2,878	\$692	\$2,723	\$741	\$2,523	\$800	\$2,350
Number of Terminated Vested	1,223	6,587	1,328	5,694	1,475	5,271	1,647	4,911	1,819	4,638	1,990	4,072
Number of Terminated, Not Vested	657	3,598	687	3,736	720	3,931	776	4,169	814	4,378	949	5,041
Number of Retirees and Beneficiaries	35,745	2,507	35,264	2,057	34,624	1,668	33,855	1,342	33,148	1,106	32,195	912
Total Annual Benefits	\$741	\$27	\$705	\$21	\$666	\$16	\$625	\$13	\$587	\$10	\$544	\$8
Assumptions												
Valuation Interest Rate	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	10.10%	10.10%
Salary Increase	4.80%	6.40%	4.80%	6.50%	4.80%	6.60%	4.80%	6.70%	4.80%	6.70%	6.00%	8.60%
Inflation ³	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Growth in Membership	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	1.13%	1.13%
Actuarial Experience												
Return on Market Value	15.78%	15.80%	17.55%	17.59%	13.93%	13.74%	14.97%	15.11%	(5.77%)	(6.22%)	(12.39%)	(12.67%)
Return on Actuarial Value	6.60%	8.00%	4.90%	6.10%	3.40%	4.30%	3.50%	3.80%	6.70%	6.50%	6.80%	6.50%
Salary Increase	2.60%	3.80%	2.10%	4.10%	1.60%	3.40%	4.90%	6.60%	4.40%	5.80%	4.80%	6.80%
Inflation	3.02%	3.02%	1.57%	1.57%	1.41%	1.41%	1.81%	1.81%	3.55%	3.55%	3.75%	3.75%
Growth in Membership	0.69%	0.69%	0.95%	0.95%	0.85%	0.85%	0.02%	0.02%	(0.24%)	(0.24%)	3.70%	3.70%
COLA ⁴	\$1.29	3.00%	\$1.25	3.00%	\$1.21	3.00%	\$1.18	3.00%	\$1.14	3.00%	\$1.11	3.00%

Note: See footnotes at the end of this section.

Historical Data
(Continued)

	2006		2005		2004		2003		2002		2001 ¹	
	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²	Plan 1	Plan 2/3 ²
<i>(Dollars in millions)</i>												
SERS												
Contribution Information												
Employer Rate	N/A	8.08%	N/A	8.57%	N/A	5.64%	N/A	7.56%	N/A	3.64%	N/A	1.74%
Employee Rate	N/A	4.20%	N/A	3.82%	N/A	3.41%	N/A	3.51%	N/A	2.49%	N/A	1.10%
Funded Status												
Credited Projected Liability	N/A	\$1,543	N/A	\$1,433	N/A	\$1,191	N/A	\$1,121	N/A	\$899	N/A	\$747
Market Value of Assets	N/A	\$2,123	N/A	\$1,803	N/A	\$1,529	N/A	\$1,339	N/A	\$1,157	N/A	\$1,230
Actuarial Value of Assets	N/A	\$1,934	N/A	\$1,747	N/A	\$1,630	N/A	\$1,546	N/A	\$1,519	N/A	\$1,472
Unfunded Liability	N/A	(\$392)	N/A	(\$315)	N/A	(\$439)	N/A	(\$425)	N/A	(\$620)	N/A	(\$724)
Funded Ratio	N/A	125.39%	N/A	121.96%	N/A	136.88%	N/A	137.87%	N/A	169.02%	N/A	197.00%
Participant Data												
Number of Actives	N/A	50,818	N/A	50,350	N/A	49,854	N/A	49,214	N/A	49,791	N/A	48,347
Total Annual Salaries	N/A	\$1,243	N/A	\$1,201	N/A	\$1,168	N/A	\$1,133	N/A	\$1,086	N/A	\$1,004
Number of Terminated Vested	N/A	6,894	N/A	5,564	N/A	4,463	N/A	3,550	N/A	2,545	N/A	1,566
Number of Terminated, Not Vested	N/A	4,911	N/A	4,796	N/A	4,588	N/A	4,232	N/A	3,553	N/A	2,717
Number of Retirees and Beneficiaries	N/A	2,758	N/A	2,131	N/A	1,578	N/A	1,042	N/A	622	N/A	269
Total Annual Benefits	N/A	\$16	N/A	\$12	N/A	\$8	N/A	\$5	N/A	\$3	N/A	\$1
Assumptions												
Valuation Interest Rate	N/A	8.00%	N/A	8.00%	N/A	8.00%	N/A	8.00%	N/A	8.00%	N/A	5.90%
Salary Increase	N/A	5.90%	N/A	6.00%	N/A	6.10%	N/A	6.20%	N/A	6.20%	N/A	3.40%
Inflation ³	N/A	3.50%	N/A	3.50%	N/A	3.50%	N/A	3.50%	N/A	3.50%	N/A	3.50%
Growth in Membership	N/A	1.25%	N/A	1.25%	N/A	1.25%	N/A	1.25%	N/A	1.25%	N/A	0.94%
Actuarial Experience												
Return on Market Value	N/A	15.80%	N/A	17.59%	N/A	13.74%	N/A	15.12%	N/A	(6.26%)	N/A	(8.66%)
Return on Actuarial Value	N/A	8.60%	N/A	6.90%	N/A	5.10%	N/A	1.30%	N/A	2.90%	N/A	2.50%
Salary Increase	N/A	4.40%	N/A	3.40%	N/A	2.80%	N/A	5.80%	N/A	6.30%	N/A	3.40%
Inflation	N/A	3.02%	N/A	1.57%	N/A	1.41%	N/A	1.81%	N/A	3.55%	N/A	3.75%
Growth in Membership	N/A	0.93%	N/A	0.99%	N/A	1.30%	N/A	(1.16%)	N/A	2.99%	N/A	1.30%
COLA ⁴	N/A	3.00%	N/A	3.00%	N/A	3.00%	N/A	3.00%	N/A	3.00%	N/A	3.00%

Note: See footnotes at the end of this section.

		Historical Data (Continued)											
		2006		2005		2004		2003		2002		2001 ¹	
		Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2
<i>(Dollars in millions)</i>													
PSERS													
Contribution Information													
Employer Rate		N/A	9.96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Employee Rate		N/A	6.96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Funded Status													
Credited Projected Liability		N/A	\$1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Market Value of Assets		N/A	\$1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Actuarial Value of Assets		N/A	\$1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Unfunded Liability		N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Funded Ratio		N/A	98.96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Participant Data													
Number of Actives		N/A	2,073	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Annual Salaries		N/A	\$103	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of Terminated Vested		N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of Terminated, Not Vested		N/A	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of Retirees and Beneficiaries		N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Annual Benefits		N/A	\$0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Assumptions													
Valuation Interest Rate		N/A	8.00%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Salary Increase		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Inflation ³		N/A	3.50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Growth in Membership		N/A	1.25%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Actuarial Experience													
Return on Market Value		N/A	9.10%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Return on Actuarial Value		N/A	0.50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Salary Increase		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Inflation		N/A	3.02%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Growth in Membership		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
COLA ⁴		N/A	3.00%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: See footnotes at the end of this section.

Historical Data (Continued)												
	2006		2005		2004		2003		2002		2001 ¹	
	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2
<i>(Dollars in millions)</i>												
LEOFF												
Contribution Information												
Employer Rate	0.00%	4.66%	0.00%	4.86%	0.00%	4.57%	0.00%	4.32%	0.00%	3.84%	0.00%	3.03%
State Rate	0.00%	3.11%	0.00%	3.24%	0.00%	3.03%	0.00%	2.88%	0.00%	2.57%	0.00%	2.02%
Employee Rate	0.00%	7.77%	0.00%	8.10%	0.00%	7.60%	0.00%	7.20%	0.00%	6.41%	0.00%	5.05%
Funded Status												
Credited Projected Liability	\$4,280	\$3,323	\$4,223	\$2,932	\$4,281	\$2,521	\$4,282	\$2,194	\$4,265	\$1,937	\$4,160	\$1,668
Market Value of Assets	\$5,720	\$4,339	\$5,210	\$3,614	\$4,695	\$2,984	\$4,380	\$2,541	\$4,060	\$2,136	\$4,578	\$2,210
Actuarial Value of Assets	\$5,018	\$3,844	\$4,800	\$3,329	\$4,666	\$2,947	\$4,803	\$2,740	\$5,095	\$2,646	\$5,369	\$2,576
Unfunded Liability	(\$738)	(\$521)	(\$577)	(\$397)	(\$385)	(\$426)	(\$521)	(\$547)	(\$830)	(\$709)	(\$1,209)	(\$907)
Funded Ratio	117.25%	115.68%	113.66%	113.53%	109.00%	116.89%	112.18%	124.91%	119.45%	136.62%	129.00%	154.00%
Participant Data												
Number of Actives	596	15,718	723	15,168	848	14,754	991	14,560	1,147	14,011	1,315	13,585
Total Annual Salaries	\$48	\$1,172	\$56	\$1,092	\$64	\$1,020	\$71	\$967	\$80	\$902	\$87	\$831
Number of Terminated Vested	5	597	7	570	7	521	14	439	22	376	29	303
Number of Terminated, Not Vested	57	1,362	59	1,285	70	1,233	84	1,186	90	1,137	94	1,051
Number of Retirees and Beneficiaries	8,172	779	8,149	574	8,110	432	8,054	316	7,987	244	7,894	184
Total Annual Benefits	\$297	\$17	\$285	\$11	\$277	\$8	\$270	\$5	\$262	\$3	\$248	\$2
Assumptions												
Valuation Interest Rate	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	5.90%	5.90%
Salary Increase	5.90%	7.40%	5.90%	7.40%	5.90%	7.60%	5.90%	7.70%	4.50%	7.80%	4.40%	5.80%
Inflation ³	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Growth in Membership	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	0.94%	0.94%
Actuarial Experience												
Return on Market Value	15.80%	15.77%	17.57%	17.55%	13.88%	13.64%	15.00%	15.13%	(5.88%)	(6.31%)	(9.65%)	(9.77%)
Return on Actuarial Value	10.90%	10.80%	9.20%	9.30%	2.90%	4.10%	(0.50%)	0.60%	(0.30%)	0.10%	2.10%	2.00%
Salary Increase	3.90%	5.50%	1.90%	5.90%	3.40%	5.20%	2.90%	4.80%	4.40%	7.00%	2.50%	4.60%
Inflation	3.02%	3.02%	1.57%	1.57%	1.41%	1.41%	1.81%	1.81%	3.55%	3.55%	3.75%	3.75%
Growth in Membership	2.66%	2.66%	1.85%	1.85%	0.33%	0.33%	2.59%	2.59%	1.73%	1.73%	1.83%	1.83%
COLA ⁴	3.02%	3.00%	1.57%	3.00%	1.41%	3.00%	1.81%	3.00%	3.55%	3.00%	3.75%	3.00%

Note: See footnotes at the end of this section.

	Historical Data (Continued)											
	2006		2005		2004		2003		2002		2001 ¹	
	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2	Plan 1	Plan 2
<i>(Dollars in millions)</i>												
WSP												
Contribution Information												
Employer Rate	7.30%	7.30%	7.75%	7.75%	5.22%	5.22%	4.51%	4.51%	0.00%	N/A	0.00%	N/A
Employee Rate	5.98%	5.98%	6.70%	6.70%	5.22%	5.22%	4.51%	4.51%	2.00%	N/A	2.00%	N/A
Funded Status												
Credited Projected Liability	\$654	N/A	\$614	N/A	\$560	N/A	\$540	N/A	\$508	N/A	\$483	N/A
Market Value of Assets	\$846	N/A	\$754	N/A	\$665	N/A	\$608	N/A	\$551	N/A	\$608	N/A
Actuarial Value of Assets	\$743	N/A	\$694	N/A	\$660	N/A	\$664	N/A	\$689	N/A	\$712	N/A
Unfunded Liability	(\$89)	N/A	(\$80)	N/A	(\$100)	N/A	(\$124)	N/A	(\$180)	N/A	(\$229)	N/A
Funded Ratio	113.62%	N/A	113.06%	N/A	117.82%	N/A	122.99%	N/A	135.49%	N/A	147.00%	N/A
Participant Data												
Number of Actives	906	116	941	81	997	60	1,045	34	1,035	N/A	1,027	N/A
Total Annual Salaries	\$63	\$6	\$61	\$4	\$62	\$3	\$65	\$1	\$63	N/A	\$60	N/A
Number of Terminated Vested	53	0	44	0	39	0	32	0	33	N/A	26	N/A
Number of Terminated, Not Vested	23	1	26	3	20	1	20	0	17	N/A	14	N/A
Number of Disabled Members ⁵	57	0	58	0	61	0	61	0	62	N/A	63	N/A
Number of Retirees and Beneficiaries	808	0	792	0	762	0	735	0	718	N/A	696	N/A
Total Annual Benefits	\$31	\$0	\$29	\$0	\$27	\$0	\$25	\$0	\$24	N/A	\$22	N/A
Assumptions												
Valuation Interest Rate	8.00%	N/A	8.00%	N/A	8.00%	N/A	8.00%	N/A	8.00%	N/A	5.90%	N/A
Salary Increase	6.60%	N/A	6.90%	N/A	7.00%	N/A	7.00%	N/A	7.10%	N/A	5.10%	N/A
Inflation ³	3.50%	N/A	3.50%	N/A	3.50%	N/A	3.50%	N/A	3.50%	N/A	3.50%	N/A
Growth in Membership	1.25%	N/A	1.25%	N/A	1.25%	N/A	1.25%	N/A	1.25%	N/A	0.94%	N/A
Actuarial Experience												
Return on Market Value	15.80%	N/A	17.57%	N/A	13.83%	N/A	15.03%	N/A	(5.99%)	N/A	(9.68%)	N/A
Return on Actuarial Value	10.90%	N/A	9.20%	N/A	3.20%	N/A	(0.20%)	N/A	(0.20%)	N/A	2.10%	N/A
Salary Increase	7.20%	N/A	5.80%	N/A	0.80%	N/A	3.90%	N/A	5.20%	N/A	3.90%	N/A
Inflation	3.02%	N/A	1.57%	N/A	1.41%	N/A	1.81%	N/A	3.55%	N/A	3.75%	N/A
Growth in Membership	0.00%	N/A	(3.31%)	N/A	(2.04%)	N/A	4.25%	N/A	0.78%	N/A	1.38%	N/A
COLA ⁴	3.00%	N/A	3.00%	N/A	3.00%	N/A	3.00%	N/A	3.00%	N/A	3.00%	N/A

Note: See footnotes at the end of this section.

Footnotes for Historical Data Section

¹For the 2001 valuation, the salary, interest, and growth rates were not annualized. They reflect the actual valuation period of 9 months (15 months for TRS).

²Plan 3 members do not contribute to the defined benefit plan.

³Based on the assumption for prior year's CPI: Urban Wage Earners & Clerical Workers, Seattle-Tacoma-Bremerton, WA - All Items.

⁴PERS 1 and TRS 1 are paid a Uniform COLA. Amounts are \$/month/year of service. Two gain-sharing payments were made: \$0.10 on 7/1/1998, and \$0.28 on 1/1/2000. LEOFF 1 COLA is exactly the CPI. All others are based on the CPI (3% maximum per year).

⁵WSP Disability Benefits for members are provided outside of pension funds.

Glossary

Actuarial Accrued Liability

Computed differently under different funding methods, the actuarial accrued liability generally represents the portion of the present value of fully projected benefits attributable to service credit that has been earned (or accrued) as of the valuation date.

Actuarial Gain or Loss

Experience of the plan, from one year to the next, which differs from that assumed will result in an actuarial gain or loss. For example, an actuarial gain would occur if assets earned 10 percent for a given year since the assumed interest rate in the valuation is 8 percent.

Actuarial Value of Assets

The value of pension plan investments and other property used by the actuary for the purpose of an actuarial valuation (sometimes referred to as valuation assets). It is common for actuaries to select an actuarial valuation method that smoothes the effects of short-term volatility in the market value of assets.

Funded Ratio

The ratio of a plan's assets to its liabilities. There are several acceptable methods of measuring a plan's assets and liabilities. In financial reporting of public pension plans, funded status is reported using consistent measures by all governmental entities. According to the Government Accounting Standards Board (GASB), the funded ratio is the actuarial value of assets divided by the actuarial accrued liability calculated under PUC (see below).

Normal Cost

Computed differently under different funding methods, the normal cost generally represents the portion of the cost of projected benefits allocated to the current plan year. The employer normal cost is the total normal cost of the plan reduced by employee contributions.

Present Value of Credited Projected Benefits

The actuarial accrued liability computed under the Projected Unit Credit (PUC) funding method.

Present Value of Fully Projected Benefits

Computed by projecting the total future benefit cash flow from the plan, using actuarial assumptions (i.e., probability of death, retirement, salary increases, etc.), and then discounting the cash flow to the valuation date using the valuation interest rate.

Projected Unit Credit (PUC) Funding Method

The PUC funding method is a standard actuarial funding method. The annual cost of benefits under PUC is comprised of two components:

- Normal cost; plus
- Amortization of the unfunded actuarial accrued liability.

The PUC normal cost is the estimated present value of projected benefits to be earned in the current plan year.

Unfunded Actuarial Accrued Liability

The excess, if any, of the actuarial accrued liability over the actuarial value of assets. In other words, the present value of benefits earned to date that are not covered by plan assets.