

NOTE X: PENSION PLANS

General Information

The Washington State Department of Retirement Systems (DRS), a department within the primary government of the state of Washington, prepares a stand-alone annual comprehensive financial report that includes financial statements and required supplementary information for each pension plan. The pension plan's basic financial statement is accounted for using the accrual basis of accounting. The measurement date of the pension plans is June 30. Benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

The school district is reporting the net pension liability in the notes and on the Schedule of Long-term Liabilities calculated as the district's proportionate allocation percentage multiplied by the total plan collective net pension liability. The DRS total collective net pension liabilities for the pension plans school districts participate in are shown here.

The Collective Net Pension Liability (Asset)

The collective net pension liability or asset for the pension plans districts participated in are reported in the following tables.

The Collective Net Pension Liability or (Asset) as of June 30, 2023				
	Total Pension Liability	Plan fiduciary net position	Participating employers' net pension liability or (Asset)	Plan fiduciary net position as a percentage of the total pension liability
PERS 1	11,508,253,000	9,225,521,000	2,282,732,000	80.16%
SERS 2/3	9,283,864,000	9,427,008,000	(143,144,000)	101.54%
TRS 1	8,491,576,000	7,225,059,000	1,266,517,000	85.09%
TRS 2/3	24,937,867,000	25,060,682,000	(122,815,000)	100.49%

Detailed information about the pension plans' fiduciary net position is available in the separately issued DRS report. Copies of the report may be obtained by contacting the Washington State Department of Retirement Systems, P.O. Box 48380, Olympia, WA 98504-8380; or online at [Annual Comprehensive Financial Reports](#) or <http://www.drs.wa.gov>.

Membership Participation

Substantially all school district full-time and qualifying part-time employees participate in one of the following three contributory, multi-employer, cost-sharing statewide retirement systems

managed by DRS: Teachers' Retirement System (TRS), Public Employees' Retirement System (PERS) and School Employees' Retirement System (SERS).

Membership & Plan Benefits

Certificated employees are members of TRS. Classified employees are members of PERS (if Plan 1) or SERS. Plan 1 under the TRS and PERS programs are defined benefit pension plans whose members joined the system on or before September 30, 1977. TRS 1 and PERS 1 are closed to new entrants.

TRS Plan Information

TRS was established in 1938, and its retirement provisions are contained in Chapters 41.32 and 41.34 RCW. TRS eligibility for membership requires service as a certificated, public-school employee working in an instructional, administrative, or supervisory capacity. TRS is a cost-sharing multi-employer retirement system comprised of three separate plans for membership purposes: Plans 1 and 2 are defined benefit plans and Plan 3 is a defined benefit plan with a defined contribution component.

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

TRS Plan 1 provides retirement, disability, and death benefits. Retirement benefits are calculated using 2% of the member's Average Final Compensation (AFC) times the member's years of service – up to a maximum of 60%. AFC is the average of the member's two consecutive highest-paid fiscal years.

Members are eligible for retirement at any age after 30 years of service, at the age of 60 with five years of service, or at the age of 55 with 25 years of service. Other benefits include temporary and permanent disability payments, an optional cost-of-living adjustment (COLA).

TRS Plan 2/3 provides retirement, disability and death benefits. Retirement benefits for Plan 2 are calculated using 2% of the member's Average Final Compensation (AFC) times the member's years of service. Retirement defined benefits for Plan 3 are calculated using 1% of AFC times the member's years of service. AFC is the monthly average of the member's 60 consecutive highest-paid service credit months. TRS Plan 2/3 has no cap on years of service credit.

Members are eligible for retirement with a full benefit at age 65 with at least five years of service credit. Retirement before age 65 is considered an early retirement. TRS Plan 2/3 members who have at least 20 years of service credit and are 55 years of age or older are eligible for early retirement with a reduced benefit. The benefit is reduced by a factor that varies according to age for each year before age 65. TRS Plan 2/3 retirement benefits are actuarially reduced to reflect the choice of a survivor benefit.

Other TRS Plan 2/3 benefits include a Cost-of-Living Adjustment (COLA) based on the Consumer Price Index, capped at 3% annually.

Annuities purchased with plan 3 defined contributions that are invested within the WSIB TAP are considered defined benefits. Plan 3 WSIB TAP annuities are actuarially reduced if a survivor benefit is chosen and TAP annuities include a COLA of 3% annually.

TRS Plan 3 defined contribution benefits are totally dependent on employee contributions and investment earnings on those contributions. Members are eligible to withdraw their defined contribution upon separation. Members have multiple withdrawal options, including purchase of an annuity.

PERS Plan Information

PERS was established in 1947, and its retirement benefit provisions are contained in Chapters 41.34 and 41.40 RCW. PERS is a cost-sharing, multiple-employer retirement system. PERS Plan 1 provides retirement, disability, and death benefits. Retirement benefits are determined as 2% times the member's Average Final Compensation (AFC) times the member's years of services. AFC is the average of the member's 24 highest consecutive service months. Members are eligible for retirement from active status at any age with at least 30 years of service, at age 55 with at least 25 years of service, or at age 60 with at least five years of service.

PERS Plan 1 retirement benefits are actuarially reduced if a survivor benefit is chosen. Members retiring from inactive status before age 65 may also receive actuarially reduced benefits. Other benefits include an optional Cost-of-Living Adjustment (COLA).

SERS Plan Information

SERS was established by the legislature in 1998, and the plan became effective in 2000. SERS retirement benefit provisions are established in Chapters 41.34 and 41.35 RCW. SERS members include classified employees of school districts and educational service districts. SERS is a cost-sharing, multiemployer retirement system comprised of two separate plans for membership purposes. SERS Plan 2 is a defined benefit plan and SERS Plan 3 is a defined benefit plan with a defined contribution component.

Although members can only be a member of either Plan 2 or Plan 3, the defined benefit portions of Plan 2 and Plan 3 are accounted for in the same pension trust fund. All assets of this Plan 2/3 defined benefit plan may legally be used to pay the defined benefits of any of

the Plan 2 or Plan 3 members or beneficiaries. Therefore, Plan 2/3 is a single plan for accounting purposes.

SERS provides retirement, disability, and death benefits. Retirement benefits for Plan 2 are calculated as 2% times the member's Average Final Compensation (AFC) times the member's years of service. Defined benefits for Plan 3 are calculated using 1% times the member's AFC times the member's years of service. AFC is the monthly average of the member's 60 consecutive highest-paid service credit months.

Members are eligible for retirement with a full benefit at age 65 with at least five years of service credit. Retirement before age 65 is considered an early retirement. SERS members who have at least 20 years of service credit and are 55 years of age or older are eligible for early retirement with a reduced benefit. The benefit is reduced by a factor that varies according to age for each year before age 65.

SERS Plan 2/3 retirement benefits are actuarially reduced if a survivor benefit is chosen.

Other SERS Plan 2/3 benefits include a Cost-of-Living Adjustment (COLA) based on the Consumer Price Index, capped at 3% annually.

SERS 3 defined contributions benefits are totally dependent on employee contributions and the investment earnings on those contributions. Annuities purchased with plan 3 defined contributions that are invested within the WSIB TAP are considered defined benefits. Plan 3 WSIB TAP annuities are actuarially reduced if a survivor benefit is chosen and TAP annuities include a 3% annually.

Plan Contributions

The employer contribution rates for PERS, TRS, and SERS (Plans 1, 2, and 3) and the TRS and SERS Plan 2 employee contribution rates are established by the Pension Funding Council based upon the rates set by the Legislature. The methods used to determine the contribution requirements are established under state statute in accordance with Chapters 41.40 and 41.45 RCW for PERS, Chapters 41.35 and 41.45 RCW for SERS, and Chapters 41.32 and 41.45 RCW for TRS. Employers do not contribute to the defined contribution portions of TRS Plan 3 or SERS Plan 3. Under current law the employer must contribute 100 percent of the employer-required contribution. The employee contribution rate for Plan 1 in PERS and TRS is set by statute at six percent and does not vary from year to year.

The employer and employee contribution rates for all plans were effective as of September 1, 2022. PERS contribution rates changed on July 1, 2023. The pension plan contribution rates (expressed as a percentage of covered payroll) for fiscal year 2023 are listed below:

	From this date	Through this date	Member rate	Employer rate	
PERS 1	7/1/2022	6/30/2023	6.00%	10.39%	
PERS 1	7/1/2023	8/31/2023	6.00%	9.39%	
SERS 2	9/1/2022	8/31/2023	7.76%	11.79%	
SERS 3	9/1/2022	8/31/2023	*	11.79%	**
TRS 1	9/1/2022	8/31/2023	6.00%	14.69%	
TRS 2	9/1/2022	8/31/2023	8.05%	14.69%	
TRS 3	9/1/2022	8/31/2023	*	14.69%	**
<i>Note: The Employer rates include .0018 DRS administrative expense.</i>					
* – TRS and SERS Plan 3 Employee Contribution Variable from 5% to 15% based on rate selected by the employee member.					
** – TRS and SERS Plan 2/3 Employer Contributions for defined benefit portion only.					

The School District's Proportionate Share of the Net Pension Liability (Asset)

At June 30, 2023, the school district reported a total liability of \$_____ for its proportionate shares of the individual plans' collective net pension liability and \$_____ for its proportionate shares of net pension assets. Proportions of net pension amounts are based on annual contributions for each of the employers participating in the DRS administered plans. At June 30, 2023 the district's proportionate share of each plan's net pension liability is reported below:

June 30, 2023	PERS 1	SERS 2/3	TRS 1	TRS 2/3
District's Annual Contributions				
Proportionate Share of the Net Pension Liability (Asset)				

At June 30, 2023, the school district's percentage of the proportionate share of the collective net pension amount was as follows and the change in the allocation percentage from the prior period is illustrated below.

Change in Proportionate Shares	PERS 1	SERS 2/3	TRS 1	TRS 2/3
Current year proportionate share				
Prior year proportionate share				
Net difference percentage				

Actuarial Assumptions

The total pension liabilities for TRS 1, TRS 2/3, PERS 1 and SERS 2/3 were determined by actuarial valuation as of June 30, 2022, with the results rolled forward to June 30, 2023, using the following actuarial assumptions, applied to all prior periods included in the measurement:

Inflation	2.75% total economic inflation, 3.25% salary inflation
Salary increases	In addition to the base 3.25% salary inflation assumption, salaries are also expected to grow by promotions and longevity.
Investment rate of return	7.00%

Mortality Rates

Mortality rates used in the plans were developed using the Society of Actuaries' Pub.H-2010 Mortality rates, which vary by member status as the base table. OSA applies age offsets for each system to better tailor the mortality rates to the demographics of each plan. OSA applied the long-term MP-2017 generational improvement scale to project mortality rates for every year after the 2010 base table. The actuarial assumptions used in the June 30, 2022, valuation were based on the results of the *2013–2018 Demographic Experience Study Report and the 2021 Economic Experience Study*. Additional assumptions for subsequent events and law changes are current as of the 2022 actuarial valuation report.

Long-term Expected Rate of Return

OSA selected a 7.00% long-term expected rate of return on pension plan investments using a building-block method. In selecting the assumptions, OSA reviewed the historical experience data, considered the historical conditions that produced past annual investment returns, and considered Capital Market Assumptions (CMAs) and simulated expected investment returns the Washington State Investment Board (WSIB) provided.

The CMAs contain three pieces of information for each class of assets the WSIB currently invest in:

- Expected annual return
- Standard deviation of the annual return
- Correlations between the annual returns of each asset class with every other asset class

WSIB uses the CMAs and their target asset allocation to simulate future investment returns over various time horizons.

The expected future rates of return are developed by the WSIB for each major asset class.

Best estimates of arithmetic real rates of return for each major asset class included in the pension plans' target asset allocation as of June 30, 2021, are summarized in the following table:

TRS 1, TRS 2/3, PERS 1, and SERS 2/3		
Asset Class	Target Allocation	% Long-term Expected Real Rate of Return
Fixed Income	20.00%	1.50%
Tangible Assets	7.00%	4.70%
Real Estate	18.00%	5.40%
Global Equity	32.00%	5.90%
Private Equity	23.00%	8.90%

The inflation component used to create the above table was 2.20% and represents WSIB's long-term estimate of broad economic inflation consistent with their 2021 CMAs.

Discount Rate

The discount rate used to measure the total pension liability was 7.00%. To determine the discount rate, an asset sufficiency test was completed to test whether the pension plan's fiduciary net position was sufficient to make all projected future benefit payments of current plan members.

Based on the assumptions described in the DRS Certification Letter, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return, a 7.00% on pension plan investments was applied to determine the total pension liability or (asset).

Sensitivity of the Net Pension Liability (Asset) to Changes in the Discount Rate

The following table presents the _____ School District's proportionate share of the collective net pension liability or asset calculated using the discount rate of 7.00%, as well as what the net pension liability or asset would be if it were calculated using a discount rate that is 1 percentage-point lower (6.00%) or 1 percentage-point higher (8.00%) than the current rate. Amounts are calculated using the school district's specific allocation percentage, by plan, to determine the proportionate share of the collective net pension liability or asset.

Sensitivity of the Net Pension Liability or Asset to Changes in the Discount Rate			
	1% Decrease (6.00%)	Current Discount Rate (7.00%)	1% Increase (8.00%)
PERS 1	\$3,189,149,000	\$2,282,732,000	\$1,491,643,000
Allocation Percentage			
Proportionate Share			
SERS 2/3	\$1,168,408,000	(\$143,144,000)	(\$1,224,160,000)
Allocation Percentage			
Proportionate Share			
TRS 1	\$1,927,853,000	\$1,266,517,000	\$688,424,000
Allocation Percentage			
Proportionate Share			
TRS 2/3	3,965,509,000	(122,815,000)	(3,446,561,000)
Allocation Percentage			
Proportionate Share			