



# State of Alaska

## Teachers' Retirement System Defined Contribution Retirement Plan Retiree Medical

Information Required  
Under Governmental  
Accounting  
Standards Board  
Statement No. 75 as  
of June 30, 2021

October 2021



October 26, 2021

State of Alaska

The Alaska Retirement Management Board

The Department of Revenue, Treasury Division

The Department of Administration, Division of Retirement and Benefits

P.O. Box 110203

Juneau, AK 99811-0203

**GASB 75 Report as of June 30, 2021 for June 30, 2022 Reporting – TRS DCR Retiree Medical**

Dear Members of The Alaska Retirement Management Board, The Department of Revenue and The Department of Administration:

We have prepared the required accounting information for Governmental Accounting Standards Board (GASB) Statement No. 75 (GASB 75) for the State of Alaska Teachers' Retirement System Defined Contribution Retirement Plan (TRS DCR) for June 30, 2022 reporting based on a measurement date of June 30, 2021. Under GASB 75, accounting information prepared under GASB 74 as of June 30, 2021 (as previously provided) serves as the basis for these disclosures. Please refer to the GASB 74 report dated September 22, 2021 for any supplemental information or documentation.

This report covers the retiree medical portion of TRS DCR. A separate GASB 75 report will be issued for the occupational death & disability portion of TRS DCR.

We certify that the information contained in this report has been prepared in accordance with generally accepted actuarial principles and practices. To the best of our knowledge, the information fairly presents the actuarial position of TRS DCR in accordance with the requirements of GASB 75 as of the June 30, 2021 measurement date.

The Alaska Retirement Management Board (ARMB) and staff of the State of Alaska and its auditors may use this report for the review of the operation of TRS DCR. The report may also be used in the preparation of State of Alaska's and participating employers' audited financial statements. Use of this report for any other purpose or by anyone other than the ARMB, the staff of the State of Alaska or its auditors may not be appropriate and may result in mistaken conclusions because of failure to understand applicable assumptions, methods, or inapplicability of the report for that purpose. Because of the risk of misinterpretation of actuarial results, we recommend requesting our advanced review of any statement to be based on information contained in this report. Buck will accept no liability for any such statement made without prior review by Buck.

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, changes in assumptions, changes expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions or applicable law. In particular, retiree group benefits models necessarily rely on the use of approximations and estimates and

are sensitive to changes in these approximations and estimates and are sensitive to changes in these approximations and estimates. Small variations in these approximations and estimates may lead to significant changes in actuarial measurements. An analysis of the potential range of such future differences is beyond the scope of this report, except for the GASB 75 required disclosure of the sensitivity of net OPEB liability to changes in the discount rate and to changes in the healthcare cost trend rates.

The information in this report was prepared based on the actuarial assumptions and methods used in the June 30, 2020 actuarial valuation of TRS DCR, except as noted herein. We rolled forward the liabilities from that date to the June 30, 2021 measurement date, as GASB 75 permits. In our opinion, the actuarial assumptions used are appropriate for purposes of the valuation and are reasonably related to the experience of TRS DCR and to reasonable long-term expectations.

In preparing the actuarial results, we have relied upon information provided by staff of the State of Alaska regarding plan provisions, participants, assets, contributions and other matters used in the June 30, 2020 actuarial valuation of TRS DCR. Although we did not audit the data, we reviewed the data for reasonableness and consistency with the prior year's information. The accuracy of the results presented herein is dependent on the accuracy of the data. We also reflected the information contained in the June 30, 2021 asset statements that were provided to us by staff of the State of Alaska on September 16, 2021.

Where presented, the "net OPEB liability" and "plan fiduciary net position as a percentage of the total OPEB liability" are measured on a market value of assets basis. These items presented may be appropriate for GASB 75 reporting but make no assessment regarding the cost to settle (i.e., purchase annuities) to cover any portion of the plan's liabilities.

### **Use of Models**

Actuarial Standard of Practice No. 56 ("ASOP 56") provides guidance to actuaries when performing actuarial services with respect to designing, developing, selecting, modifying, using, reviewing, or evaluating models. Buck uses third-party software in the performance of annual actuarial valuations and projections. The model is intended to calculate the liabilities associated with the provisions of the plan using data and assumptions as of the measurement date under the accounting rules specified in this report. The output from the third-party vendor software is used as input to an internally developed model that applies applicable accounting rules to the derived liabilities and other inputs, such as plan assets and contributions, to generate many of the exhibits found in this report. Buck has an extensive review process whereby the results of the liability calculations are checked using detailed sample output, changes from year to year are summarized by source, and significant deviations from expectations are investigated. Other accounting outputs and the internal model are similarly reviewed in detail and at a high level for accuracy, reasonability and consistency with prior results. Buck also reviews the third-party model when significant changes are made to the software. The review is performed by experts within Buck who are familiar with applicable accounting rules as well as the manner in which the model generates its output. If significant changes are made to the internal model, extra checking and review are completed. Significant changes to the internal model that are applicable to multiple clients are generally developed, checked and reviewed by multiple experts within Buck who are familiar with the details of the required changes.

Buck used manual rate models to determine relative plan values for the defined benefit (DB) retiree medical plan and the DCR retiree medical plan, and to reflect the different Medicare coordination methods between the two plans. The manual rate models are intended to provide benchmark data and pricing capabilities, calculate per capita costs, and calculate actuarial values

of different commercial health plans. Buck relied on the models, which were developed using industry data by actuaries and consultants at OptumInsight.

### **COVID-19**

The potential impact of the ongoing COVID-19 pandemic on costs and liabilities was considered and an adjustment was made in setting the medical per capita claims cost assumption. FY20 medical claims were adjusted for a COVID-19 related decline in claims during the last four months (March – June) of FY20. A more detailed explanation on these adjustments is shown in Section 2.

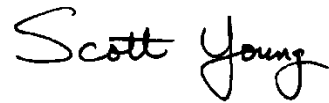
This report was prepared under our supervision and in accordance with all applicable Actuarial Standards of Practice. We are Fellows of the Society of Actuaries, Enrolled Actuaries and Members of the American Academy of Actuaries. We meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

We are available to discuss this report with you at your convenience. David can be reached at (602) 803-6174 and Scott can be reached at (216) 315-1929.

Respectfully submitted,



David J. Kershner, FSA, EA, MAAA, FCA  
Principal  
Buck



Scott Young, FSA, EA, MAAA  
Director  
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## Section 1: GASB 75 Information

### OPEB Expense

Measurement Date	June 30, 2021	June 30, 2020
Reporting Date	June 30, 2022	June 30, 2021
Service cost	\$ 3,376,000	\$ 3,410,000
Interest cost	3,088,000	3,073,000
Expected return on assets	(3,718,000)	(3,266,000)
Current period effect of benefit changes	0	0
Current period difference between expected and actual experience	257,000	(58,132)
Current period effect of changes in assumptions	4,556	(618,901)
Current period difference between projected and actual investment earnings	(2,226,000)	273,400
Member contributions	0	0
Administrative expenses	34,000	9,000
Service purchases and plan transfers	0	0
Current period recognition of prior years' deferred outflows of resources	882,473	609,073
Current period recognition of prior years' deferred inflows of resources	(1,460,226)	(783,193)
Other Additions Less Other Deductions	<u>(2,000)</u>	<u>0</u>
Total	\$ 235,803	\$ 2,648,248

The employers' allocation of the OPEB expense for June 30, 2022 reporting is shown in Schedule C in the Appendix.

The difference between projected and actual investment earnings is recognized over 5 years.

The effects of changes in assumptions and differences between expected and actual experience are recognized over the average future working lifetime. This period is:

- 9.0 years as of June 30, 2020 (for the June 30, 2021 measurement date)
- 9.1 years as of June 30, 2019 (for the June 30, 2020 measurement date)

### **Actuarial Assumptions**

The total OPEB liability as of the June 30, 2021 measurement date was determined by an actuarial valuation as of June 30, 2020 using the actuarial assumptions outlined in Section 2. The liabilities from the June 30, 2020 valuation were rolled forward to June 30, 2021.

The actuarial assumptions used in the June 30, 2020 actuarial valuation were based on the results of an actuarial experience study for the period from July 1, 2013 to June 30, 2017, resulting in changes in actuarial assumptions effective beginning with the June 30, 2018 actuarial valuation adopted by the Alaska Retirement Management Board in January 2019 to better reflect expected future experience. The next experience study will cover experience for the period from July 1, 2017 to June 30, 2021, which would affect the actuarial assumptions effective beginning with the June 30, 2022 actuarial valuation.

### **Actuarial Cost Method**

Entry Age Normal – Level Percentage of Payroll

### **Asset Valuation Method**

Invested assets are reported at fair value.

### **Allocation of Net OPEB Liability**

The employers' allocations of net OPEB liability as of the June 30, 2020 and June 30, 2021 measurement dates are shown in Schedule A and Schedule B, respectively, in the Appendix.

### **Allocation of Deferred Outflows/Inflows of Resources**

The employers' allocation of deferred outflows/inflows of resources as of the June 30, 2021 measurement date is shown in Schedule C in the Appendix.

The chart on the following page provides details of the deferred inflows/outflows as of the June 30, 2021 measurement date:

Date Created	Type	Original Amortization Period	Deferred (Inflow)/Outflow as of June 30, 2021
June 30, 2017	Liability Gain	10.6 years	\$ (1,057)
June 30, 2018	Assumption Change	10.2 years	\$ 1,327,529
June 30, 2018	Asset Loss	5 years	\$ 3,400
June 30, 2018	Liability Gain	10.2 years	\$ (236,451)
June 30, 2019	Assumption Change	9.0 years	\$ (3,034,000)
June 30, 2019	Asset Loss	5 years	\$ 184,000
June 30, 2019	Liability Loss	9.0 years	\$ 1,797,333
June 30, 2020	Assumption Change	9.1 years	\$ (4,394,198)
June 30, 2020	Asset Loss	5 years	\$ 820,200
June 30, 2020	Liability Gain	9.1 years	\$ (412,736)
June 30, 2021	Assumption Change	9.0 years	\$ 36,444
June 30, 2021	Asset Gain	5 years	\$ (8,904,000)
June 30, 2021	Liability Loss	9.0 years	\$ 2,056,000

### Allocation of Future Years' Recognition of Deferred Outflows/Inflows

The employers' allocation of recognition of the deferred outflows/inflows as of the June 30, 2021 measurement date for each of the next five fiscal years and thereafter is shown in Schedule D in the Appendix. These amounts include recognition of the deferred outflows/inflows from prior years.

### Allocation Methodology

Amounts for the June 30, 2020 measurement date were allocated to employers based on each employer's retiree medical contribution relative to the total employer retiree medical contributions made in FY2020.

Amounts for the June 30, 2021 measurement date were allocated to employers based on each employer's retiree medical contribution relative to the total employer retiree medical contributions made in FY2021.



### Sensitivity of the net OPEB liability to changes in the discount rate

The table below shows the development of the net OPEB liability as of June 30, 2021 using the discount rate of 7.38%, as well as a discount rate that is one percentage point lower (6.38%) or one percentage point higher (8.38%) than the current rate (\$ in thousands):

	1.00% Decrease (6.38%)	Current Discount Rate (7.38%)	1.00% Increase (8.38%)
Service cost	\$ 4,485	\$ 3,376	\$ 2,577
Interest	3,404	3,088	2,788
EGWP rebates	3	3	3
Benefit payments	(171)	(171)	(171)
Net change to inflows/outflows	<u>3,197</u>	<u>2,354</u>	<u>1,755</u>
Net change in total OPEB liability	\$ 10,918	\$ 8,650	\$ 6,952
Total OPEB liability-beginning	\$ 48,945	\$ 38,548	\$ 30,773
Total OPEB liability-ending (a)	\$ 59,863	\$ 47,198	\$ 37,725
Plan fiduciary net position-ending (b)	\$ 67,278	\$ 67,278	\$ 67,278
Plan's net OPEB liability (asset)-ending (a)-(b)	\$ (7,415)	\$ (20,080)	\$ (29,553)

### Sensitivity of the net OPEB liability to changes in the healthcare cost trend rates

The table below shows the development of the net OPEB liability as of June 30, 2021 using the current healthcare cost trend rates, as well as trend rates that are one percentage point lower or one percentage point higher than the current rates (\$ in thousands):

	1.00% Decrease	Current Trend Rates	1.00% Increase
Service cost	\$ 2,577	\$ 3,376	\$ 4,486
Interest	2,376	3,088	4,068
EGWP rebates	3	3	3
Benefit payments	(171)	(171)	(171)
Net change to inflows/outflows	<u>1,964</u>	<u>2,354</u>	<u>2,861</u>
Net change in total OPEB liability	\$ 6,749	\$ 8,650	\$ 11,247
Total OPEB liability-beginning	\$ 29,699	\$ 38,548	\$ 50,724
Total OPEB liability-ending (a)	\$ 36,448	\$ 47,198	\$ 61,971
Plan fiduciary net position-ending (b)	\$ 67,278	\$ 67,278	\$ 67,278
Plan's net OPEB liability (asset)-ending (a)-(b)	\$ (30,830)	\$ (20,080)	\$ (5,307)

# Section 2: Actuarial Assumptions and Methods<sup>1</sup>

## Description of Actuarial Methods and Valuation Procedures

The funding method used in this valuation was adopted by the Board in October 2006, and was modified as part of the experience study for the period July 1, 2013 to June 30, 2017. The asset smoothing method used to determine valuation assets was implemented effective June 30, 2006.

Benefits valued are those delineated in Alaska State statutes as of the valuation date. Changes in State statutes effective after the valuation date are not taken into consideration in setting the assumptions and methods.

### Actuarial Cost Method

Liabilities and contributions shown in the report are computed using the Entry Age Normal Actuarial Cost Method. Each year's difference between actual and expected unfunded actuarial accrued liability is amortized over 25 years as a level percentage of expected payroll.

Cost factors designed to produce annual costs as a constant percentage of each member's expected compensation in each year for death and disability benefits and retiree medical benefits, from the assumed entry age to the last age with a future benefit were applied to the projected benefits to determine the normal cost (the portion of the total cost of the Plan allocated to the current year under the method). The normal cost is determined by summing intermediate results for active members and determining an average normal cost rate which is then related to the total DCR Plan payroll of active members. The actuarial accrued liability for active members (the portion of the total cost of the Plan allocated to prior years under the method) was determined as the excess of the actuarial present value of projected benefits over the actuarial present value of future normal costs.

The actuarial accrued liability for beneficiaries and disabled members currently receiving benefits (if any) was determined as the actuarial present value of the benefits expected to be paid. No future normal costs are payable for these members.

The actuarial accrued liability under this method at any point in time is the theoretical amount of the fund that would have been accumulated had annual contributions equal to the normal cost been made in prior years (it does not represent the liability for benefits accrued to the valuation date). The unfunded actuarial accrued liability is the excess of the actuarial accrued liability over the actuarial value of plan assets measured on the valuation date.

Under this method, experience gains or losses, i.e., decreases or increases in accrued liabilities attributable to deviations in experience from the actuarial assumptions, adjust the unfunded actuarial accrued liability.

### Valuation of Assets

Effective June 30, 2006, the asset valuation method recognizes 20% of the investment gain or loss in each of the current and preceding four years. This method was phased in over five years. Fair Value of Assets was \$0 as of June 30, 2006. All assets are valued at fair value. Assets are accounted for on an accrued basis and are taken directly from financial statements audited by KPMG LLP. Valuation assets are constrained to a range of 80% to 120% of the fair value of assets.

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<sup>1</sup> Used to determine June 30, 2020 funding assets and liabilities, and contribution rates.

## **Changes in Methods Since the Prior Valuation**

There were no changes in the asset or valuation methods since the prior valuation.

## **Valuation of Retiree Medical and Prescription Drug Benefits**

The methodology used for the valuation of the retiree medical benefits is described in Section 5.2 of the State of Alaska Teachers' Retirement System Defined Benefit Plan Actuarial Valuation Report as of June 30, 2020.

Due to the lack of experience for the DCR retiree medical plan only, base claims costs are based on those described in the actuarial valuation as of June 30, 2020 for the Defined Benefit (DB) retiree medical plan covering TRS and PERS. The DB rates were used with some adjustments. The claims costs were adjusted to reflect the differences between the DCR medical plan and the DB medical plan. These differences include network steerage, different coverage levels, different Medicare coordination for medical benefits, and an indexing of the retiree out-of-pocket dollar amounts. To account for higher initial copays, deductibles and out-of-pocket limits, projected FY21 claims costs were reduced 3.1% for medical claims, and 8.9% for prescription drugs. In addition, to account for the difference in Medicare coordination, projected FY21 medical claims costs for Medicare eligible retirees were further reduced 29.5%.

FY19 and FY20 experience were compared to assess the impact of COVID-19 and whether an adjustment to FY20 claims was indicated for use in the June 30, 2020 valuation. A material decrease in medical claims during March 2020 to June 2020 was experienced due to COVID-19. Therefore, an adjustment was made for those months to adjust for the decrease that is not expected to continue in future years. There was an observed spike in prescription drug claims in March 2020; however, the FY20 prescription drug experience appears reasonable to use without adjustment for COVID-19. To adjust for the decrease in medical claims due to COVID-19 during the last 4 months of FY20, the per capita cost during the first 8 months was used as the basis for estimating claims that would have occurred in the absence of COVID-19.

No implicit subsidies are assumed. Employees projected to retire with 30 years of service prior to Medicare are valued with commencement deferred to Medicare eligibility because those members will be required to pay the full plan premium prior to Medicare. Explicit subsidies for disabled and normal retirement are determined using the plan-defined percentages of age-related total projected plan costs, again with no implicit subsidy assumed.

The State transitioned to an Employer Group Waiver Program (EGWP) for DCR participants effective January 1, 2019. The estimated 2021 reimbursements under EGWP were provided by Segal Consulting (who worked with the EGWP administrator, Optum, to develop those estimates).

## **Healthcare Reform**

Healthcare Reform legislation passed on March 23, 2010 included several provisions with potential implications for the State of Alaska Retiree Health Plan liability. Buck evaluated the impact due to these provisions.

Because the State plan is retiree-only, not all provisions are required. Unlimited lifetime benefits and dependent coverage to age 26 are two of these provisions. The adopted DCR plan does not place lifetime limits on benefits, but does restrict dependent child coverage.

The Further Consolidated Appropriations Act, 2020 passed in December 2019 repealed several healthcare-related taxes, including the Cadillac Tax.

The Tax Cuts and Jobs Act passed in December 2017 included the elimination of the individual mandate penalty and changed the inflation measure for purposes of determining the limits for the High Cost Excise Tax to use chained CPI. It is our understanding the law does not directly impact other provisions of the ACA. While the nullification of the ACA's individual mandate penalty does not directly impact employer

group health plans, it could contribute to the destabilization of the individual market and increase the number of uninsured. Such destabilization could translate to increased costs for employers. We have considered this when setting our healthcare cost trend assumptions and will continue to monitor this issue.

We have not identified any other specific provisions of healthcare reform or its potential repeal that would be expected to have a significant impact on the measured obligation. We will continue to monitor legislative activity.

## **Actuarial Assumptions**

The demographic and economic assumptions used in the June 30, 2020 valuation are described below. Unless noted otherwise, these assumptions were adopted by the Board in January 2019 based on the experience study for the period July 1, 2013 to June 30, 2017.

### **Investment Return**

7.38% per year, net of investment expenses.

### **Salary Scale**

Salary scale rates based upon the 2013-2017 actual experience (see Table 1).

Inflation – 2.50% per year.

Productivity – 0.25% per year.

### **Payroll Growth**

2.75% per year (inflation + productivity).

### **Total Inflation**

Total inflation as measured by the Consumer Price Index for urban and clerical workers for Anchorage is assumed to increase 2.50% annually.

### **Mortality (Pre-Commencement)**

Mortality rates based upon the 2013-2017 actual experience.

RP-2014 white-collar employee table, benefit-weighted, rolled back to 2006, and projected with MP-2017 generational improvement.

Deaths are assumed to result from occupational causes 15% of the time.

### **Mortality (Post-Commencement)**

Mortality rates based upon the 2013-2017 actual experience.

93% of male and 90% of female rates of RP-2014 white-collar healthy annuitant table, benefit-weighted, rolled back to 2006, and projected with MP-2017 generational improvement.

### **Turnover**

Select and ultimate rates based upon the 2013-2017 actual experience (see Table 2).

### **Disability**

Incidence rates based upon the 2013-2017 actual experience (see Table 3).

Disabilities are assumed to be occupational 15% of the time.

Post-disability mortality in accordance with the RP-2014 disabled table, benefit-weighted, rolled back to 2006, and projected with MP-2017 generational improvement.

## Retirement

Retirement rates based upon the 2013-2017 actual experience (see Table 4).

## Spouse Age Difference

Males are assumed to be three years older than their wives. Females are assumed to be two years younger than husbands.

## Dependent Spouse Medical Coverage Election

Applies to members who do not have double medical coverage. 65% of male members and 60% female members are assumed to be married and cover a dependent spouse.

## Part-Time Status

Part-time employees are assumed to earn 0.75 years of service per year.

## Per Capita Claims Cost

Sample claims cost rates (before base claims cost adjustments described below) adjusted to age 65 for FY21 medical benefits are shown below:

	Medical	Prescription Drugs
Pre-Medicare	\$ 15,360	\$ 3,393
Medicare Parts A & B	\$ 1,618	\$ 3,340
Medicare Part D – EGWP	N/A	\$ 1,003

Members are assumed to attain Medicare eligibility at age 65. All costs are for the 2021 fiscal year (July 1, 2020 – June 30, 2021).

The EGWP subsidy is assumed to increase in future years by the trend rates shown on the following pages. No future legislative changes or other events are anticipated to impact the EGWP subsidy. If any legislative or other changes occur in the future that impact the EGWP subsidy (which could either increase or decrease the plan's Actuarial Accrued Liability), those changes will be evaluated and quantified when they occur.

## Third Party Administrator Fees

\$449 per person per year; assumed to increase at 4.5% per year.

## Base Claims Cost Adjustments

Due to higher initial copays, deductibles, out-of-pocket limits and member cost sharing compared to the DB medical plan, the following cost adjustments are applied to the per capita claims cost rates above:

- 0.969 for the pre-Medicare plan.
- 0.674 for both the Medicare medical plan and Medicare coordination method (3.1% reduction for the medical plan and 29.5% reduction for the coordination method).
- 0.911 for the prescription drug plan.

## Administrative Expenses

Beginning with the June 30, 2018 valuation, the Normal Cost is increased for administrative expenses expected to be paid from plan assets during the year. The amount included in the June 30, 2020 Normal Cost, which is based on the average of actual administrative expenses during the last two fiscal years, is \$8,000.

## Health Cost Trend

The table below shows the rate used to project the cost from the shown fiscal year to the next fiscal year. For example, 6.5% is applied to the FY21 pre-Medicare medical claims cost to get the FY22 medical claims cost.

	Medical Pre-65	Medical Post-65	Prescription Drugs / EGWP
FY21	6.5%	5.4%	7.5%
FY22	6.3%	5.4%	7.1%
FY23	6.1%	5.4%	6.8%
FY24	5.9%	5.4%	6.4%
FY25	5.8%	5.4%	6.1%
FY26	5.6%	5.4%	5.7%
FY27-FY40	5.4%	5.4%	5.4%
FY41	5.3%	5.3%	5.3%
FY42	5.2%	5.2%	5.2%
FY43	5.1%	5.1%	5.1%
FY44	5.1%	5.1%	5.1%
FY45	5.0%	5.0%	5.0%
FY46	4.9%	4.9%	4.9%
FY47	4.8%	4.8%	4.8%
FY48	4.7%	4.7%	4.7%
FY49	4.6%	4.6%	4.6%
FY50+	4.5%	4.5%	4.5%

For the June 30, 2014 valuation and later, the updated Society of Actuaries' Healthcare Cost Trend Model is used to project medical and prescription drug costs. This model estimates trend amounts that are projected out for 80 years. The model has been populated with assumptions that are specific to the State of Alaska.

## Aging Factors

Age	Medical	Prescription Drugs
< 45	2.0%	4.5%
45-54	2.5%	3.5%
55-64	2.5%	1.5%
65-74	3.0%	2.0%
75-84	2.0%	-0.5%
85-94	0.3%	-2.5%
95+	0.0%	0.0%

## Retiree Medical Participation

Decrement Due to Disability		Decrement Due to Retirement	
Age	Percent Participation	Age	Percent Participation*
<56	75.0%	55	50.0%
56	77.5%	56	55.0%
57	80.0%	57	60.0%
58	82.5%	58	65.0%
59	85.0%	59	70.0%
60	87.5%	60	75.0%
61	90.0%	61	80.0%
62	92.5%	62	85.0%
63	95.0%	63	90.0%
64	97.5%	64	95.0%
65+	100.0%	65+	<b>Years of Service</b>
			<15 - 75.0%
			15 – 19 80.0%
			20 – 24 85.0%
			25 – 29 90.0%
			30+ 95.0%

\* Participation assumption is a combination of (i) the service-based rates for retirement from employment at age 65+ and (ii) the age-based rates for retirement from employment before age 65. These rates reflect the expected plan election rate that varies by reason for decrement, duration that a member may pay full cost prior to Medicare eligibility, and availability of alternative and/or lower cost options, particularly in the Medicare market. This assumption is based on observed trends in participation from a range of other plans.



**Imputed Data**

Data changes from the prior year which are deemed to have an immaterial impact on liabilities and contribution rates are assumed to be correct in the current year's client data. Non-vested terminations with appropriate refund dates are assumed to have received a full refund of contributions. Active members with missing salary and service are assumed to be terminated with status based on their vesting percentage.

**Changes in Assumptions Since the Prior Valuation**

The amount included in the Normal Cost for administrative expenses was updated to reflect the most recent two years of actual administrative expenses paid from plan assets. The per capita claims cost assumption is updated annually. The medical and prescription drug relative value factors were updated and the 0.2% annual trend rate adjustment factor between the DB and DCR plans was removed.

**Table 1: Salary Scale**

<b>Years of Service</b>	<b>Percent Increase</b>
0	6.75%
1	6.25%
2	5.75%
3	5.25%
4	4.75%
5	4.25%
6	3.75%
7	3.65%
8	3.55%
9	3.45%
10	3.35%
11	3.25%
12	3.15%
13	3.05%
14	2.95%
15	2.85%
16+	2.75%

**Table 2: Turnover Rates**

**Select Rates during the First 6 Years of Employment**

Years of Service	Male	Female
0	20.70%	21.80%
1	19.55%	18.70%
2	16.10%	15.40%
3	13.80%	13.20%
4	11.50%	11.00%
5	7.32%	8.05%

**Ultimate Rates after the First 6 Years of Employment**

Age	Male	Female	Age	Male	Female
< 26	9.41%	8.31%	45	9.05%	8.09%
26	9.41%	8.32%	46	8.99%	8.07%
27	9.40%	8.33%	47	8.94%	8.04%
28	9.39%	8.32%	48	8.86%	8.00%
29	9.39%	8.32%	49	8.78%	7.95%
30	9.38%	8.31%	50	8.70%	7.91%
31	9.37%	8.31%	51	8.62%	7.86%
32	9.36%	8.30%	52	8.54%	7.82%
33	9.35%	8.29%	53	8.37%	7.73%
34	9.35%	8.28%	54	8.20%	7.64%
35	9.34%	8.27%	55	8.03%	7.55%
36	9.34%	8.26%	56	7.86%	7.46%
37	9.33%	8.25%	57	7.69%	7.36%
38	9.31%	8.24%	58	7.76%	7.50%
39	9.29%	8.22%	59	7.82%	7.64%
40	9.26%	8.21%	60	7.89%	7.78%
41	9.24%	8.19%	61	7.95%	7.92%
42	9.22%	8.17%	62	8.02%	8.05%
43	9.16%	8.15%	63	8.59%	8.29%
44	9.11%	8.12%	64	9.17%	8.52%
			65+	9.75%	8.75%

**Table 3: Disability Rates**

Age	Male	Female
< 31	0.0337%	0.0612%
31	0.0337%	0.0613%
32	0.0337%	0.0613%
33	0.0342%	0.0622%
34	0.0347%	0.0631%
35	0.0353%	0.0641%
36	0.0357%	0.0650%
37	0.0362%	0.0659%
38	0.0371%	0.0674%
39	0.0379%	0.0689%
40	0.0387%	0.0703%
41	0.0395%	0.0718%
42	0.0403%	0.0733%
43	0.0423%	0.0770%
44	0.0443%	0.0806%
45	0.0464%	0.0843%
46	0.0483%	0.0879%
47	0.0504%	0.0916%
48	0.0536%	0.0975%
49	0.0569%	0.1034%
50	0.0601%	0.1093%
51	0.0634%	0.1152%
52	0.0666%	0.1211%
53	0.0746%	0.1356%
54	0.0826%	0.1501%

**Table 4: Retirement Rates**

<b>Age</b>	<b>Rate</b>
< 55	2.0%
55	3.0%
56	3.0%
57	3.0%
58	3.0%
59	3.0%
60	5.0%
61	5.0%
62	10.0%
63	5.0%
64	5.0%
65	25.0%
66	25.0%
67	25.0%
68	20.0%
69	20.0%
70+	100.0%

# Section 3: Summary of Plan Provisions<sup>1</sup>

## Effective Date

July 1, 2006, with amendments through June 30, 2020.

## Administration of Plan

The Commissioner of Administration or the Commissioner's designee is the administrator of the Plan. The Attorney General of the state is the legal counsel for the Plan and shall advise the administrator and represent the Plan in legal proceedings.

The Alaska Retirement Management Board prescribes policies, adopts regulations, invests the funds, and performs other activities necessary to carry out the provisions of the Plan.

## Employers Included

Currently there are 57 employers participating in TRS DCR, including the State of Alaska, 53 school districts, and three other eligible organizations.

## Membership

An employee of a participating employer who first enters service on or after July 1, 2006, or a member of the defined benefit plan who works for an employer who began participation on or after July 1, 2006, and meets the following criteria is a member in the Plan:

- Permanent full-time or part-time elementary or secondary teachers, school nurses, or a person in a position requiring a teaching certificate as a condition of hire in a public school of the State of Alaska, the Department of Education and Early Development or in the Department of Labor and Workforce Development.
- Full-time or part-time teachers at the University of Alaska or persons occupying full-time administrative positions requiring academic standing who are not in the University's Optional Retirement Plan.

Members can convert to TRS DCR if they are an eligible non-vested member of the TRS defined benefit plan whose employer consents to transfers to the defined contribution plan and they elect to transfer his or her account balance to TRS DCR.

## Member Contributions

Other than the member-paid premiums discussed later in this section, there are no member contributions for the retiree medical benefits.

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<sup>1</sup> Includes a summary of retiree medical benefits.

## Retiree Medical Benefits

- Member must retire directly from the plan to be eligible for retiree medical coverage. Normal retirement eligibility is the earlier of a) 30 years of service or b) Medicare eligible and 10 years of service.
- No subsidized retiree medical benefits are provided until normal retirement eligibility. The member's and any covered dependent premium is 100% until the member is Medicare eligible. Upon the member's Medicare-eligibility, the required contribution will follow the service-based schedule shown below.
- Coverage cannot be denied except for failure to pay premium.
- Members who are receiving disability benefits or survivors who are receiving monthly survivor benefits are not eligible until the member meets, or would have met if he/she had lived, the normal retirement eligibility requirements.
- The following is a summary of the medical benefit design adopted in July 2016. The plan description below is used for valuation purposes and indicates participant cost-sharing. Please refer to the benefit handbook for more details.

Plan Design Feature	In-Network <sup>1</sup>	Out-of-Network <sup>1 2</sup>
Deductible (single / family)	\$300 / \$600	
Medical services (participant share)	20%	40%
Emergency Room Copay (non-emergent use)	\$100	\$100
Medical Out-of-Pocket Maximum (single / family, after deductible)	\$1,500 / \$3,000	\$3,000 / \$6,000
Medicare Coordination	Exclusion	Exclusion
Pharmacy	No Deductible	No Deductible
Retail Generic (per 30-day fill):	20% \$10 min / \$50 max	
Retail Non-Formulary Brand (per 30-day fill):	25% \$25 min / \$75 max	40%
Retail Formulary Brand (per 30-day fill):	35% \$80 min / \$150 max	
Mail-Order Generic:	\$20 copay	
Mail-Order Non-Formulary Brand:	\$50 copay	40%
Mail-Order Formulary Brand	\$100 copay	
Pharmacy Out-of-Pocket Max (single / family)	\$1,000 / \$2,000	
Medicare Pharmacy Arrangement	Retiree Drug Subsidy / Employer Group Waiver Plan effective 1/1/2019	
Wellness / Preventative	100% covered, not subject to deductible	20%, after deductible

<sup>1</sup> Section 1.1 of the AlaskaCare Defined Contribution Retiree Benefit Plan states that this health plan shall be updated from time to time to reflect changes in benefits, including annual adjustments to the premium, deductible, coinsurance, medical out-of-pocket limit, and prescription drug out-of-pocket limit.

<sup>2</sup> OON applies only to non-Medicare eligible participants.

- Buck used manual rate models to determine relative plan values for the defined benefit (DB) retiree medical plan and the DCR retiree medical plan outlined above. We applied the ratio of the DCR retiree medical plan value to the DB retiree medical plan value to the per capita costs determined for each of pre/post-Medicare medical and pharmacy benefits to estimate corresponding values for the DCR retiree medical plan design. These factors are noted in Section 2. We further adjusted the Medicare medical manual rate to reflect the Medicare coordination method adopted. The estimated 2021 reimbursements under EGWP were provided by Segal Consulting (who worked with the EGWP administrator, Optum, to develop those estimates). We reflect estimated discounts and pharmacy rebates in the defined benefit medical cost so no further adjustment was needed for the DCR retiree medical plan. The medical network differential is reflected in the relative plan value adjustments.
- The retiree medical plan’s coverage is supplemental to Medicare. Medicare coordination is described in the 2020 DCR Plan Handbook, referred to in the industry as exclusion coordination: Medicare payment is deducted from the Medicare allowable expense and plan parameters are applied to the remaining amount. Starting in 2019, the prescription drug coverage will be through a Medicare Part D EGWP arrangement.
- The premium for Medicare-eligible retirees will be based on the member’s years of service. The percentage of premium paid by the member is as follows:

Years of Service	Percent of Premium Paid by Member
< 15	30%
15 – 19	25%
20 – 24	20%
25 – 29	15%
30+	10%

- The premium for dependents who are not eligible for Medicare aligns with the member’s subsidy. While a member is not Medicare-eligible, premiums are 100% of the estimated cost.
- Members have a separate defined contribution Health Reimbursement Arrangement account, which is not reflected in this valuation, that can be used to pay for premiums or other medical expenses.
- For valuation purposes, retiree premiums were assumed to equal the percentages outlined in the table above times the age-related plan costs. Future premiums calculated and charged to DCR participants will need to be determined reflecting any appropriate adjustments to the defined benefit (DB) plan data because current DB premiums were determined using information based upon enrollment with members who have double coverage.
- Coverage will continue for surviving spouses of covered retired members.

### **Occupational Disability Benefits**

- Member earns service while on occupational disability.
- No subsidized retiree medical benefits are provided until normal retirement eligibility. The member’s premium is 100% of the estimated cost until they are Medicare eligible. Medicare-eligible premiums follow the service-based schedule above.



**Occupational Death Benefits**

- The period during which the survivor is receiving benefits is counted as service credit toward retiree medical benefits.
- No subsidized retiree medical benefits are provided until the member would have been eligible for normal retirement. The surviving spouse's premium is 100% of the estimated cost until the member would have been Medicare eligible. Medicare-eligible premiums follow the service-based schedule above.

**Changes Since the Prior Valuation**

There have been no changes in benefit provisions valued since the prior valuation.

# Appendix

State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule A - Employers' Allocation of Net OPEB Liability as of 6/30/2020

Employer Number	Employer Name	FY2020 Employer Contributions	Employer Proportion	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	Total Deferred Outflows	Total Deferred Inflows
701	ANCHORAGE SD	1,409,646	31.59703%	12,180,023	15,297,070	(3,117,047)	1,514,077	(2,961,656)
704	CORDOVA CITY SD	8,922	0.19999%	77,091	96,820	(19,729)	11,269	(20,079)
705	CRAIG CITY SD	11,306	0.25342%	97,688	122,688	(25,000)	13,403	(23,756)
706	FAIRBANKS NORTH STAR BOROUGH SD	403,145	9.03644%	3,483,366	4,374,810	(891,445)	431,556	(857,253)
707	HAINES BOROUGH SD	13,014	0.29171%	112,450	141,227	(28,778)	16,471	(28,120)
708	HOONAH CITY SD	8,405	0.18839%	72,620	91,205	(18,585)	9,408	(19,406)
709	HYDABURG CITY SD	8,718	0.19542%	75,332	94,610	(19,278)	10,654	(22,271)
710	JUNEAU BOROUGH SD	146,200	3.27706%	1,263,241	1,586,523	(323,282)	160,955	(313,220)
712	KAKE CITY SD	7,019	0.15733%	60,647	76,167	(15,520)	8,949	(14,861)
714	KETCHIKAN GATEWAY BOROUGH SD	85,029	1.90592%	734,695	922,714	(188,019)	91,923	(187,005)
717	KLAWOCK CITY SD	4,166	0.09338%	35,994	45,206	(9,212)	6,062	(9,164)
718	KODIAK ISLAND BOROUGH SD	96,042	2.15278%	829,852	1,042,224	(212,371)	119,172	(203,193)
719	NENANA CITY SD	11,966	0.26822%	103,395	129,855	(26,460)	14,749	(26,835)
720	NOME CITY SD	30,486	0.68335%	263,416	330,828	(67,412)	35,162	(65,507)
722	MATANUSKA-SUSITNA BOROUGH SD	505,669	11.33451%	4,369,226	5,487,375	(1,118,149)	543,007	(1,072,985)
723	PELICAN CITY SD	1,113	0.02494%	9,615	12,076	(2,461)	1,220	(2,591)
724	PETERSBURG CITY SD	13,975	0.31325%	120,752	151,654	(30,902)	16,586	(32,044)
727	SITKA BOROUGH SD	45,261	1.01451%	391,075	491,157	(100,082)	50,652	(95,121)
728	SKAGWAY CITY SD	7,472	0.16748%	64,562	81,084	(16,522)	8,549	(17,093)
729	UNALASKA CITY SD	17,874	0.40063%	154,436	193,958	(39,522)	20,801	(39,363)
730	VALDEZ CITY SD	21,209	0.47539%	183,252	230,150	(46,897)	25,250	(50,330)
731	WRANGELL PUBLIC SD	11,745	0.26327%	101,484	127,455	(25,971)	13,375	(25,528)
732	YAKUTAT SD	3,500	0.07846%	30,244	37,984	(7,740)	4,115	(8,540)
733	UNIVERSITY OF ALASKA	102,560	2.29887%	886,167	1,112,950	(226,783)	115,360	(219,957)
735	GALENA CITY SD	40,302	0.90337%	348,231	437,349	(89,117)	43,143	(92,569)
736	NORTH SLOPE BOROUGH SD	136,698	3.06406%	1,181,135	1,483,405	(302,270)	157,280	(293,313)
737	STATE OF ALASKA	20,354	0.45623%	175,867	220,874	(45,007)	22,306	(45,515)
742	BRISTOL BAY BOROUGH SD	5,731	0.12845%	49,514	62,186	(12,671)	8,163	(13,480)
743	SOUTHEAST REGIONAL RESOURCE CENTER	4,865	0.10904%	42,033	52,789	(10,757)	6,661	(10,784)
744	DILLINGHAM CITY SD	30,786	0.69007%	266,007	334,082	(68,075)	35,186	(67,296)
746	KENAI PENINSULA BOROUGH SD	278,435	6.24109%	2,405,815	3,021,498	(615,683)	309,401	(582,015)
748	SAINT MARY'S SD	10,146	0.22743%	87,669	110,105	(22,436)	12,225	(24,358)
751	NORTHWEST ARCTIC BOROUGH SD	141,746	3.17721%	1,224,751	1,538,182	(313,432)	160,506	(304,250)
752	BERING STRAIT SD	147,963	3.31657%	1,278,473	1,605,653	(327,180)	170,064	(308,424)
753	LOWER YUKON SD	85,565	1.91793%	739,325	928,530	(189,204)	116,129	(178,358)
754	LOWER KUSKOKWIM SD	197,979	4.43767%	1,710,634	2,148,410	(437,776)	229,000	(414,517)
755	KUSPUK SD	22,166	0.49685%	191,526	240,541	(49,014)	26,175	(46,377)
756	SOUTHWEST REGION SD	51,145	1.14640%	441,914	555,006	(113,092)	55,228	(109,345)
757	LAKE AND PENINSULA BOROUGH SD	29,049	0.65112%	250,996	315,229	(64,233)	41,435	(65,467)
758	ALEUTIAN REGION SD	3,422	0.07670%	29,566	37,132	(7,566)	4,574	(7,639)
759	PRIBILOF SD	3,944	0.08841%	34,078	42,800	(8,721)	5,660	(8,221)
761	IDITAROD AREA SD	12,315	0.27604%	106,409	133,640	(27,232)	17,252	(28,563)
762	YUKON / KOYUKUK SD	42,897	0.96153%	370,650	465,505	(94,855)	48,876	(95,669)
763	YUKON FLATS SD	18,753	0.42034%	162,034	203,501	(41,467)	22,767	(40,280)
764	DENALI BOROUGH SD	14,035	0.31460%	121,272	152,308	(31,035)	15,951	(30,221)
765	DELTA/GREELY SD	20,627	0.46236%	178,230	223,841	(45,612)	23,895	(43,154)
766	ALASKA GATEWAY SD	23,057	0.51682%	199,226	250,210	(50,985)	26,059	(52,955)
767	COPPER RIVER SD	16,029	0.35929%	138,497	173,941	(35,443)	17,357	(37,241)
768	CHATHAM SD	10,804	0.24217%	93,353	117,243	(23,890)	12,276	(23,476)
769	SOUTHEAST ISLAND SD	16,209	0.36331%	140,050	175,891	(35,841)	18,846	(35,386)
770	ANNETTE ISLAND SD	23,340	0.52316%	201,669	253,279	(51,610)	25,199	(50,084)
771	CHUGACH SD	6,791	0.15221%	58,675	73,691	(15,016)	7,342	(15,735)
775	TANANA SD	3,099	0.06947%	26,779	33,632	(6,853)	3,981	(7,305)
777	KASHUNAMIUT SD	9,971	0.22350%	86,154	108,202	(22,048)	17,416	(21,835)
778	YUPIIT SD	32,549	0.72957%	281,237	353,209	(71,973)	41,007	(71,825)
779	SPECIAL EDUCATION SERVICE AGENCY	9,169	0.20552%	79,225	99,500	(20,275)	10,622	(21,017)
780	ALEUTIANS EAST BOROUGH SD	16,942	0.37974%	146,384	183,845	(37,462)	20,081	(35,962)
<b>Total</b>		<b>4,461,324</b>	<b>100.00000%</b>	<b>38,548,000</b>	<b>48,413,000</b>	<b>(9,865,000)</b>	<b>4,974,783</b>	<b>(9,498,514)</b>

All amounts are determined without rounding. Rounded amounts are displayed.

State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule A - Employers' Allocation of Net OPEB Liability as of 6/30/2020

Employer Number	Employer Name	Plan Fiduciary Net Position as % of Total OPEB Liability	Covered Payroll	Net OPEB Liability as % of Covered Payroll	Net OPEB Liability 1% Decrease Discount Rate (6.38% Discount Rate)	Net OPEB Liability 1% Increase Discount Rate (8.38% Discount Rate)	Net OPEB Liability 1% Decrease Trend	Net OPEB Liability 1% Increase Trend
701	ANCHORAGE SD				168,096	(5,573,716)	(5,913,068)	730,207
704	CORDOVA CITY SD				1,064	(35,278)	(37,425)	4,622
705	CRAIG CITY SD				1,348	(44,703)	(47,425)	5,857
706	FAIRBANKS NORTH STAR BOROUGH SD				48,074	(1,594,028)	(1,691,079)	208,832
707	HAINES BOROUGH SD				1,552	(51,458)	(54,591)	6,742
708	HOONAH CITY SD				1,002	(33,232)	(35,255)	4,354
709	HYDABURG CITY SD				1,040	(34,473)	(36,571)	4,516
710	JUNEAU BOROUGH SD				17,434	(578,073)	(613,269)	75,733
712	KAKE CITY SD				837	(27,753)	(29,442)	3,636
714	KETCHIKAN GATEWAY BOROUGH SD				10,140	(336,205)	(356,674)	44,046
717	KLAWOCK CITY SD				497	(16,471)	(17,474)	2,158
718	KODIAK ISLAND BOROUGH SD				11,453	(379,750)	(402,871)	49,751
719	NENANA CITY SD				1,427	(47,315)	(50,195)	6,199
720	NOME CITY SD				3,635	(120,542)	(127,881)	15,792
722	MATANUSKA-SUSITNA BOROUGH SD				60,300	(1,999,407)	(2,121,140)	261,940
723	PELICAN CITY SD				133	(4,400)	(4,668)	576
724	PETERSBURG CITY SD				1,666	(55,257)	(58,622)	7,239
727	SITKA BOROUGH SD				5,397	(178,960)	(189,856)	23,445
728	SKAGWAY CITY SD				891	(29,544)	(31,343)	3,871
729	UNALASKA CITY SD				2,131	(70,672)	(74,974)	9,259
730	VALDEZ CITY SD				2,529	(83,858)	(88,964)	10,986
731	WRANGELL PUBLIC SD				1,401	(46,440)	(49,268)	6,084
732	YAKUTAT SD				417	(13,840)	(14,683)	1,813
733	UNIVERSITY OF ALASKA				12,230	(405,520)	(430,210)	53,127
735	GALENA CITY SD				4,806	(159,354)	(169,057)	20,877
736	NORTH SLOPE BOROUGH SD				16,301	(540,501)	(573,409)	70,811
737	STATE OF ALASKA				2,427	(80,479)	(85,379)	10,543
742	BRISTOL BAY BOROUGH SD				683	(22,658)	(24,038)	2,968
743	SOUTHEAST REGIONAL RESOURCE CENTER				580	(19,235)	(20,406)	2,520
744	DILLINGHAM CITY SD				3,671	(121,728)	(129,139)	15,947
746	KENAI PENINSULA BOROUGH SD				33,203	(1,100,928)	(1,167,957)	144,232
748	SAINT MARY'S SD				1,210	(40,118)	(42,561)	5,256
751	NORTHWEST ARCTIC BOROUGH SD				16,903	(560,460)	(594,583)	73,425
752	BERING STRAIT SD				17,644	(585,044)	(620,664)	76,646
753	LOWER YUKON SD				10,203	(338,324)	(358,922)	44,323
754	LOWER KUSKOKWIM SD				23,608	(782,805)	(830,466)	102,555
755	KUSPUK SD				2,643	(87,645)	(92,981)	11,482
756	SOUTHWEST REGION SD				6,099	(202,225)	(214,537)	26,493
757	LAKE AND PENINSULA BOROUGH SD				3,464	(114,858)	(121,851)	15,047
758	ALEUTIAN REGION SD				408	(13,530)	(14,353)	1,773
759	PRIBILOF SD				470	(15,595)	(16,544)	2,043
761	IDITAROD AREA SD				1,469	(48,694)	(51,659)	6,379
762	YUKON / KOYUKUK SD				5,115	(169,614)	(179,941)	22,221
763	YUKON FLATS SD				2,236	(74,149)	(78,663)	9,714
764	DENALI BOROUGH SD				1,674	(55,496)	(58,874)	7,270
765	DELTA/GREELY SD				2,460	(81,560)	(86,526)	10,685
766	ALASKA GATEWAY SD				2,750	(91,168)	(96,719)	11,944
767	COPPER RIVER SD				1,911	(63,378)	(67,237)	8,303
768	CHATHAM SD				1,288	(42,719)	(45,320)	5,597
769	SOUTHEAST ISLAND SD				1,933	(64,088)	(67,990)	8,396
770	ANNETTE ISLAND SD				2,783	(92,286)	(97,905)	12,090
771	CHUGACH SD				810	(26,850)	(28,485)	3,518
775	TANANA SD				370	(12,254)	(13,001)	1,605
777	KASHUNAMIUT SD				1,189	(39,425)	(41,825)	5,165
778	YUPIIT SD				3,881	(128,697)	(136,533)	16,860
779	SPECIAL EDUCATION SERVICE AGENCY				1,093	(36,254)	(38,461)	4,750
780	ALEUTIANS EAST BOROUGH SD				2,020	(66,987)	(71,065)	8,776
<b>Total</b>		<b>125.59%</b>	<b>359,622,000</b>	<b>-2.74%</b>	<b>532,000</b>	<b>(17,640,000)</b>	<b>(18,714,000)</b>	<b>2,311,000</b>

All amounts are determined without rounding. Rounded amounts are displayed.

State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule B - Employers' Allocation of Net OPEB Liability as of 6/30/2021

Employer Number	Employer Name	FY2021 Employer Contributions	Employer Proportion	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	Total Deferred Outflows	Total Deferred Inflows
701	ANCHORAGE SD	1,300,795	30.84964%	14,560,414	20,755,022	(6,194,608)	1,649,208	(4,948,574)
704	CORDOVA CITY SD	9,970	0.23645%	111,602	159,082	(47,480)	13,828	(40,770)
705	CRAIG CITY SD	11,611	0.27536%	129,962	185,254	(55,291)	15,481	(45,196)
706	FAIRBANKS NORTH STAR BOROUGH SD	384,658	9.12255%	4,305,661	6,137,470	(1,831,808)	475,951	(1,476,050)
707	HAINES BOROUGH SD	10,577	0.25084%	118,392	168,761	(50,369)	17,203	(40,936)
708	HOONAH CITY SD	9,854	0.23369%	110,299	157,224	(46,926)	12,553	(41,097)
709	HYDABURG CITY SD	7,768	0.18423%	86,954	123,947	(36,994)	11,266	(33,023)
710	JUNEAU BOROUGH SD	132,783	3.14908%	1,486,301	2,118,635	(632,334)	174,169	(510,444)
712	KAKE CITY SD	7,038	0.16691%	78,779	112,295	(33,516)	9,957	(27,318)
714	KETCHIKAN GATEWAY BOROUGH SD	82,414	1.95452%	922,494	1,314,962	(392,468)	102,737	(322,981)
717	KLAWOCK CITY SD	3,438	0.08154%	38,485	54,858	(16,373)	6,193	(13,433)
718	KODIAK ISLAND BOROUGH SD	92,784	2.20046%	1,038,575	1,480,428	(441,853)	128,928	(356,335)
719	NENANA CITY SD	12,289	0.29144%	137,554	196,075	(58,521)	16,887	(49,278)
720	NOME CITY SD	26,234	0.62216%	293,647	418,577	(124,930)	37,534	(101,076)
722	MATANUSKA-SUSITNA BOROUGH SD	509,406	12.08107%	5,702,023	8,127,901	(2,425,879)	631,771	(1,981,629)
723	PELICAN CITY SD	1,033	0.02450%	11,564	16,484	(4,920)	1,324	(4,151)
724	PETERSBURG CITY SD	16,096	0.38173%	180,169	256,821	(76,651)	21,306	(66,743)
727	SITKA BOROUGH SD	42,000	0.99607%	470,125	670,135	(200,011)	54,763	(159,783)
728	SKAGWAY CITY SD	7,449	0.17665%	83,375	118,847	(35,471)	9,688	(29,956)
729	UNALASKA CITY SD	17,674	0.41917%	197,838	282,006	(84,169)	23,302	(69,656)
730	VALDEZ CITY SD	22,059	0.52315%	246,916	351,965	(105,048)	29,506	(91,071)
731	WRANGELL PUBLIC SD	11,222	0.26614%	125,614	179,055	(53,441)	14,575	(43,563)
732	YAKUTAT SD	4,809	0.11404%	53,824	76,723	(22,899)	6,266	(20,977)
733	UNIVERSITY OF ALASKA	104,076	2.46826%	1,164,967	1,660,593	(495,626)	133,654	(407,641)
735	GALENA CITY SD	38,596	0.91533%	432,019	615,818	(183,799)	47,756	(154,241)
736	NORTH SLOPE BOROUGH SD	136,640	3.24054%	1,529,472	2,180,173	(650,701)	178,608	(533,272)
737	STATE OF ALASKA	21,629	0.51295%	242,101	345,101	(103,000)	27,201	(86,909)
742	BRISTOL BAY BOROUGH SD	5,626	0.13343%	62,976	89,769	(26,793)	8,712	(22,874)
743	SOUTHEAST REGIONAL RESOURCE CENTER	4,682	0.11104%	52,411	74,708	(22,298)	7,044	(18,396)
744	DILLINGHAM CITY SD	28,296	0.67107%	316,731	451,482	(134,751)	37,803	(109,907)
746	KENAI PENINSULA BOROUGH SD	262,679	6.22969%	2,940,287	4,191,208	(1,250,921)	335,359	(996,573)
748	SAINT MARY'S SD	9,168	0.21743%	102,625	146,285	(43,661)	12,988	(37,512)
751	NORTHWEST ARCTIC BOROUGH SD	117,077	2.77660%	1,310,499	1,868,040	(557,541)	171,535	(451,110)
752	BERING STRAIT SD	131,681	3.12294%	1,473,967	2,101,054	(627,087)	182,122	(498,885)
753	LOWER YUKON SD	89,828	2.13037%	1,005,493	1,433,272	(427,779)	132,318	(350,418)
754	LOWER KUSKOKWIM SD	170,037	4.03259%	1,903,304	2,713,049	(809,745)	244,352	(645,759)
755	KUSPUK SD	19,569	0.46409%	219,042	312,232	(93,190)	27,891	(74,284)
756	SOUTHWEST REGION SD	43,968	1.04274%	492,154	701,537	(209,383)	59,735	(168,911)
757	LAKE AND PENINSULA BOROUGH SD	37,667	0.89332%	421,629	601,008	(179,379)	55,456	(158,496)
758	ALEUTIAN REGION SD	4,120	0.09770%	46,112	65,729	(19,618)	5,877	(17,049)
759	PRIBILOF SD	3,914	0.09284%	43,817	62,458	(18,641)	6,077	(15,041)
761	IDITAROD AREA SD	14,497	0.34380%	162,267	231,302	(69,035)	21,473	(60,601)
762	YUKON / KOYUKUK SD	43,149	1.02333%	482,990	688,474	(205,484)	55,944	(171,775)
763	YUKON FLATS SD	16,360	0.38800%	183,129	261,039	(77,911)	24,091	(63,013)
764	DENALI BOROUGH SD	13,814	0.32761%	154,626	220,411	(65,784)	17,888	(53,773)
765	DELTA/GREELEY SD	18,464	0.43789%	206,677	294,606	(87,929)	25,585	(70,088)
766	ALASKA GATEWAY SD	24,517	0.58145%	274,433	391,188	(116,755)	31,542	(100,144)
767	COPPER RIVER SD	14,267	0.33836%	159,697	227,639	(67,942)	18,814	(57,361)
768	CHATHAM SD	10,454	0.24793%	117,017	166,801	(49,784)	13,552	(40,696)
769	SOUTHEAST ISLAND SD	13,130	0.31140%	146,976	209,505	(62,530)	19,994	(51,149)
770	ANNETTE ISLAND SD	24,430	0.57937%	273,452	389,790	(116,338)	30,416	(96,449)
771	CHUGACH SD	6,020	0.14276%	67,381	96,048	(28,667)	7,958	(24,171)
775	TANANA SD	3,014	0.07148%	33,737	48,090	(14,353)	4,293	(12,242)
777	KASHUNAMIUT SD	11,382	0.26993%	127,400	181,602	(54,201)	19,948	(46,231)
778	YUPIIT SD	25,447	0.60351%	284,842	406,026	(121,184)	42,760	(99,896)
779	SPECIAL EDUCATION SERVICE AGENCY	8,866	0.21027%	99,245	141,468	(42,223)	11,678	(35,451)
780	ALEUTIANS EAST BOROUGH SD	15,541	0.36857%	173,958	247,967	(74,009)	21,432	(59,433)
<b>Total</b>		<b>4,216,563</b>	<b>100.00%</b>	<b>47,198,000</b>	<b>67,278,000</b>	<b>(20,080,000)</b>	<b>5,506,254</b>	<b>(16,263,788)</b>

All amounts are determined without rounding. Rounded amounts are displayed.

State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule B - Employers' Allocation of Net OPEB Liability as of 6/30/202

Employer Number	Employer Name	Plan Fiduciary Net Position as % of Total OPEB Liability	Covered Payroll	Net OPEB Liability as % of Covered Payroll	Net OPEB Liability 1% Decrease Discount Rate (6.38% Discount Rate)	Net OPEB Liability 1% Increase Discount Rate (8.38% Discount Rate)	Net OPEB Liability 1% Decrease Trend	Net OPEB Liability 1% Increase Trend
701	ANCHORAGE SD				(2,287,501)	(9,116,995)	(9,510,945)	(1,637,190)
704	CORDOVA CITY SD				(17,533)	(69,880)	(72,899)	(12,549)
705	CRAIG CITY SD				(20,418)	(81,376)	(84,892)	(14,613)
706	FAIRBANKS NORTH STAR BOROUGH SD				(676,437)	(2,695,987)	(2,812,482)	(484,134)
707	HAINES BOROUGH SD				(18,600)	(74,131)	(77,334)	(13,312)
708	HOONAH CITY SD				(17,328)	(69,063)	(72,048)	(12,402)
709	HYDABURG CITY SD				(13,661)	(54,446)	(56,799)	(9,777)
710	JUNEAU BOROUGH SD				(233,504)	(930,646)	(970,860)	(167,121)
712	KAKE CITY SD				(12,376)	(49,327)	(51,459)	(8,858)
714	KETCHIKAN GATEWAY BOROUGH SD				(144,928)	(577,619)	(602,578)	(103,726)
717	KLAWOCK CITY SD				(6,046)	(24,097)	(25,139)	(4,327)
718	KODIAK ISLAND BOROUGH SD				(163,164)	(650,303)	(678,403)	(116,779)
719	NENANA CITY SD				(21,610)	(86,129)	(89,851)	(15,467)
720	NOME CITY SD				(46,133)	(183,867)	(191,812)	(33,018)
722	MATANUSKA-SUSITNA BOROUGH SD				(895,811)	(3,570,318)	(3,724,593)	(641,142)
723	PELICAN CITY SD				(1,817)	(7,241)	(7,554)	(1,300)
724	PETERSBURG CITY SD				(28,305)	(112,813)	(117,687)	(20,258)
727	SITKA BOROUGH SD				(73,859)	(294,368)	(307,088)	(52,861)
728	SKAGWAY CITY SD				(13,099)	(52,205)	(54,461)	(9,375)
729	UNALASKA CITY SD				(31,081)	(123,876)	(129,229)	(22,245)
730	VALDEZ CITY SD				(38,792)	(154,606)	(161,287)	(27,764)
731	WRANGELL PUBLIC SD				(19,734)	(78,653)	(82,052)	(14,124)
732	YAKUTAT SD				(8,456)	(33,702)	(35,158)	(6,052)
733	UNIVERSITY OF ALASKA				(183,021)	(729,444)	(760,963)	(130,990)
735	GALENA CITY SD				(67,872)	(270,508)	(282,197)	(48,577)
736	NORTH SLOPE BOROUGH SD				(240,286)	(957,678)	(999,060)	(171,976)
737	STATE OF ALASKA				(38,035)	(151,591)	(158,142)	(27,222)
742	BRISTOL BAY BOROUGH SD				(9,894)	(39,432)	(41,136)	(7,081)
743	SOUTHEAST REGIONAL RESOURCE CENTER				(8,234)	(32,817)	(34,235)	(5,893)
744	DILLINGHAM CITY SD				(49,760)	(198,321)	(206,891)	(35,614)
746	KENAI PENINSULA BOROUGH SD				(461,931)	(1,841,059)	(1,920,612)	(330,609)
748	SAINT MARY'S SD				(16,123)	(64,258)	(67,035)	(11,539)
751	NORTHWEST ARCTIC BOROUGH SD				(205,885)	(820,568)	(856,025)	(147,354)
752	BERING STRAIT SD				(231,566)	(922,923)	(962,803)	(165,735)
753	LOWER YUKON SD				(157,967)	(629,589)	(656,794)	(113,059)
754	LOWER KUSKOKWIM SD				(299,017)	(1,191,752)	(1,243,249)	(214,010)
755	KUSPUK SD				(34,412)	(137,153)	(143,079)	(24,629)
756	SOUTHWEST REGION SD				(77,319)	(308,162)	(321,478)	(55,338)
757	LAKE AND PENINSULA BOROUGH SD				(66,240)	(264,003)	(275,411)	(47,409)
758	ALEUTIAN REGION SD				(7,244)	(28,873)	(30,120)	(5,185)
759	PRIBILOF SD				(6,884)	(27,436)	(28,621)	(4,927)
761	IDITAROD AREA SD				(25,493)	(101,604)	(105,994)	(18,246)
762	YUKON / KOYUKUK SD				(75,880)	(302,424)	(315,492)	(54,308)
763	YUKON FLATS SD				(28,770)	(114,666)	(119,621)	(20,591)
764	DENALI BOROUGH SD				(24,292)	(96,819)	(101,003)	(17,386)
765	DELTA/GREELY SD				(32,470)	(129,411)	(135,003)	(23,239)
766	ALASKA GATEWAY SD				(43,115)	(171,836)	(179,261)	(30,858)
767	COPPER RIVER SD				(25,089)	(99,994)	(104,315)	(17,957)
768	CHATHAM SD				(18,384)	(73,270)	(76,436)	(13,158)
769	SOUTHEAST ISLAND SD				(23,090)	(92,029)	(96,005)	(16,526)
770	ANNETTE ISLAND SD				(42,960)	(171,222)	(178,621)	(30,747)
771	CHUGACH SD				(10,586)	(42,191)	(44,014)	(7,576)
775	TANANA SD				(5,300)	(21,124)	(22,037)	(3,793)
777	KASHUNAMIUT SD				(20,015)	(79,772)	(83,219)	(14,325)
778	YUPIIT SD				(44,750)	(178,354)	(186,061)	(32,028)
779	SPECIAL EDUCATION SERVICE AGENCY				(15,592)	(62,142)	(64,827)	(11,159)
780	ALEUTIANS EAST BOROUGH SD				(27,330)	(108,924)	(113,630)	(19,560)
<b>Total</b>		<b>142.54%</b>	<b>391,854,000</b>	<b>-5.12%</b>	<b>(7,415,000)</b>	<b>(29,553,000)</b>	<b>(30,830,000)</b>	<b>(5,307,000)</b>

All amounts are determined without rounding. Rounded amounts are displayed.

State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule C - Employers' Allocation of OPEB Amounts as of 6/30/2021

		Deferred Outflows of Resources							
Employer Number	Employer Name	Net OPEB Liability	Employer Proportion	Difference Between Expected and Actual Experience	Changes in Assumptions	Changes in Benefits	Difference Between Projected and Actual Earnings	Changes in Proportion and Differences Between Employer Contributions	Total Deferred Outflows
701	ANCHORAGE SD	(6,194,608)	30.84964%	1,188,740	420,781	-	-	39,688	1,649,208
704	CORDOVA CITY SD	(47,480)	0.23645%	9,111	3,225	-	-	1,492	13,828
705	CRAIG CITY SD	(55,291)	0.27536%	10,610	3,756	-	-	1,115	15,481
706	FAIRBANKS NORTH STAR BOROUGH SD	(1,831,808)	9.12255%	351,522	124,429	-	-	-	475,951
707	HAINES BOROUGH SD	(50,369)	0.25084%	9,666	3,421	-	-	4,115	17,203
708	HOONAH CITY SD	(46,926)	0.23369%	9,005	3,188	-	-	360	12,553
709	HYDABURG CITY SD	(36,994)	0.18423%	7,099	2,513	-	-	1,654	11,266
710	JUNEAU BOROUGH SD	(632,334)	3.14908%	121,344	42,953	-	-	9,872	174,169
712	KAKE CITY SD	(33,516)	0.16691%	6,432	2,277	-	-	1,249	9,957
714	KETCHIKAN GATEWAY BOROUGH SD	(392,468)	1.95452%	75,314	26,659	-	-	764	102,737
717	KLAWOCK CITY SD	(16,373)	0.08154%	3,142	1,112	-	-	1,939	6,193
718	KODIAK ISLAND BOROUGH SD	(441,853)	2.20046%	84,791	30,014	-	-	14,123	128,928
719	NENANA CITY SD	(58,521)	0.29144%	11,230	3,975	-	-	1,681	16,887
720	NOME CITY SD	(124,930)	0.62216%	23,974	8,486	-	-	5,074	37,534
722	MATANUSKA-SUSITNA BOROUGH SD	(2,425,879)	12.08107%	465,524	164,783	-	-	1,464	631,771
723	PELICAN CITY SD	(4,920)	0.02450%	944	334	-	-	45	1,324
724	PETERSBURG CITY SD	(76,651)	0.38173%	14,709	5,207	-	-	1,390	21,306
727	SITKA BOROUGH SD	(200,011)	0.99607%	38,382	13,586	-	-	2,795	54,763
728	SKAGWAY CITY SD	(35,471)	0.17665%	6,807	2,409	-	-	472	9,688
729	UNALASKA CITY SD	(84,169)	0.41917%	16,152	5,717	-	-	1,433	23,302
730	VALDEZ CITY SD	(105,048)	0.52315%	20,159	7,136	-	-	2,212	29,506
731	WRANGELL PUBLIC SD	(53,441)	0.26614%	10,255	3,630	-	-	689	14,575
732	YAKUTAT SD	(22,899)	0.11404%	4,394	1,555	-	-	316	6,266
733	UNIVERSITY OF ALASKA	(495,626)	2.46826%	95,110	33,666	-	-	4,878	133,654
735	GALENA CITY SD	(183,799)	0.91533%	35,271	12,485	-	-	-	47,756
736	NORTH SLOPE BOROUGH SD	(650,701)	3.24054%	124,869	44,200	-	-	9,539	178,608
737	STATE OF ALASKA	(103,000)	0.51295%	19,766	6,996	-	-	439	27,201
742	BRISTOL BAY BOROUGH SD	(26,793)	0.13343%	5,141	1,820	-	-	1,750	8,712
743	SOUTHEAST REGIONAL RESOURCE CENTER	(22,298)	0.11104%	4,279	1,515	-	-	1,251	7,044
744	DILLINGHAM CITY SD	(134,751)	0.67107%	25,859	9,153	-	-	2,791	37,803
746	KENAI PENINSULA BOROUGH SD	(1,250,921)	6.22969%	240,051	84,971	-	-	10,337	335,359
748	SAINT MARY'S SD	(43,661)	0.21743%	8,378	2,966	-	-	1,643	12,988
751	NORTHWEST ARCTIC BOROUGH SD	(557,541)	2.77660%	106,992	37,872	-	-	26,672	171,535
752	BERING STRAIT SD	(627,087)	3.12294%	120,337	42,596	-	-	19,189	182,122
753	LOWER YUKON SD	(427,779)	2.13037%	82,090	29,058	-	-	21,170	132,318
754	LOWER KUSKOKWIM SD	(809,745)	4.03259%	155,389	55,004	-	-	33,960	244,352
755	KUSPUK SD	(93,190)	0.46409%	17,883	6,330	-	-	3,678	27,891
756	SOUTHWEST REGION SD	(209,383)	1.04274%	40,180	14,223	-	-	5,332	59,735
757	LAKE AND PENINSULA BOROUGH SD	(179,379)	0.89332%	34,423	12,185	-	-	8,849	55,456
758	ALEUTIAN REGION SD	(19,618)	0.09770%	3,765	1,333	-	-	780	5,877
759	PRIBILOF SD	(18,641)	0.09284%	3,577	1,266	-	-	1,234	6,077
761	IDITAROD AREA SD	(69,035)	0.34380%	13,248	4,689	-	-	3,535	21,473
762	YUKON / KOYUKUK SD	(205,484)	1.02333%	39,432	13,958	-	-	2,554	55,944
763	YUKON FLATS SD	(77,911)	0.38800%	14,951	5,292	-	-	3,848	24,091
764	DENALI BOROUGH SD	(65,784)	0.32761%	12,624	4,469	-	-	796	17,888
765	DELTA/GREELY SD	(87,929)	0.43789%	16,873	5,973	-	-	2,739	25,585
766	ALASKA GATEWAY SD	(116,755)	0.58145%	22,405	7,931	-	-	1,206	31,542
767	COPPER RIVER SD	(67,942)	0.33836%	13,038	4,615	-	-	1,161	18,814
768	CHATHAM SD	(49,784)	0.24793%	9,554	3,382	-	-	617	13,552
769	SOUTHEAST ISLAND SD	(62,530)	0.31140%	11,999	4,247	-	-	3,747	19,994
770	ANNETTE ISLAND SD	(116,338)	0.57937%	22,325	7,902	-	-	188	30,416
771	CHUGACH SD	(28,667)	0.14276%	5,501	1,947	-	-	510	7,958
775	TANANA SD	(14,353)	0.07148%	2,754	975	-	-	563	4,293
777	KASHUNAMIUT SD	(54,201)	0.26993%	10,401	3,682	-	-	5,865	19,948
778	YUPIIT SD	(121,184)	0.60351%	23,255	8,232	-	-	11,273	42,760
779	SPECIAL EDUCATION SERVICE AGENCY	(42,223)	0.21027%	8,103	2,868	-	-	708	11,678
780	ALEUTIANS EAST BOROUGH SD	(74,009)	0.36857%	14,202	5,027	-	-	2,202	21,432
<b>Total</b>		<b>(20,080,000)</b>	<b>100.00000%</b>	<b>3,853,333</b>	<b>1,363,974</b>	<b>-</b>	<b>-</b>	<b>288,947</b>	<b>5,506,254</b>

All amounts are determined without rounding. Rounded amounts are displayed.

State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule C - Employers' Allocation of OPEB Amounts as of 6/30/2021

		Deferred Inflows of Resources				OPEB Expense Recognized				
Employer Number	Employer Name	Difference Between Expected and Actual Experience	Changes in Assumptions	Changes in Benefits	Difference Between Projected and Actual Investment Earnings	Changes in Proportion and Differences Between Employer Contributions	Total Deferred Inflows	Proportionate Share of OPEB Plan Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer	
									Contributions	Total
701	ANCHORAGE SD	(200,598)	(2,291,572)	-	(2,436,011)	(20,392)	(4,948,574)	72,744	2,275	75,020
704	CORDOVA CITY SD	(1,538)	(17,564)	-	(18,671)	(2,997)	(40,770)	558	(208)	350
705	CRAIG CITY SD	(1,790)	(20,454)	-	(21,743)	(1,209)	(45,196)	649	32	681
706	FAIRBANKS NORTH STAR BOROUGH SD	(59,319)	(677,641)	-	(720,353)	(18,737)	(1,476,050)	21,511	(2,815)	18,696
707	HAINES BOROUGH SD	(1,631)	(18,633)	-	(19,807)	(865)	(40,936)	591	478	1,070
708	HOONAH CITY SD	(1,520)	(17,359)	-	(18,453)	(3,765)	(41,097)	551	(493)	58
709	HYDABURG CITY SD	(1,198)	(13,685)	-	(14,548)	(3,592)	(33,023)	434	(242)	193
710	JUNEAU BOROUGH SD	(20,477)	(233,920)	-	(248,664)	(7,384)	(510,444)	7,426	314	7,740
712	KAKE CITY SD	(1,085)	(12,399)	-	(13,180)	(654)	(27,318)	394	98	491
714	KETCHIKAN GATEWAY BOROUGH SD	(12,709)	(145,186)	-	(154,337)	(10,750)	(322,981)	4,609	(1,482)	3,127
717	KLAWOCK CITY SD	(530)	(6,057)	-	(6,439)	(407)	(13,433)	192	223	415
718	KODIAK ISLAND BOROUGH SD	(14,308)	(163,455)	-	(173,757)	(4,815)	(356,335)	5,189	1,501	6,689
719	NENANA CITY SD	(1,895)	(21,649)	-	(23,013)	(2,721)	(49,278)	687	(155)	532
720	NOME CITY SD	(4,046)	(46,215)	-	(49,128)	(1,687)	(101,076)	1,467	447	1,914
722	MATANUSKA-SUSITNA BOROUGH SD	(78,556)	(897,406)	-	(953,969)	(51,697)	(1,981,629)	28,488	(6,931)	21,557
723	PELICAN CITY SD	(159)	(1,820)	-	(1,935)	(237)	(4,151)	58	(27)	30
724	PETERSBURG CITY SD	(2,482)	(28,356)	-	(30,143)	(5,762)	(66,743)	900	(575)	325
727	SITKA BOROUGH SD	(6,477)	(73,990)	-	(78,654)	(662)	(159,783)	2,349	273	2,622
728	SKAGWAY CITY SD	(1,149)	(13,122)	-	(13,949)	(1,736)	(29,956)	417	(193)	223
729	UNALASKA CITY SD	(2,726)	(31,136)	-	(33,099)	(2,695)	(69,656)	988	(169)	820
730	VALDEZ CITY SD	(3,402)	(38,861)	-	(41,310)	(7,498)	(91,071)	1,234	(842)	392
731	WRANGELL PUBLIC SD	(1,731)	(19,770)	-	(21,016)	(1,047)	(43,563)	628	(41)	587
732	YAKUTAT SD	(742)	(8,471)	-	(9,005)	(2,760)	(20,977)	269	(332)	(63)
733	UNIVERSITY OF ALASKA	(16,050)	(183,347)	-	(194,903)	(13,341)	(407,641)	5,820	(1,197)	4,623
735	GALENA CITY SD	(5,952)	(67,993)	-	(72,278)	(8,018)	(154,241)	2,158	(1,185)	973
736	NORTH SLOPE BOROUGH SD	(21,071)	(240,714)	-	(255,886)	(15,600)	(533,272)	7,641	(802)	6,839
737	STATE OF ALASKA	(3,335)	(38,103)	-	(40,504)	(4,966)	(86,909)	1,210	(639)	570
742	BRISTOL BAY BOROUGH SD	(868)	(9,911)	-	(10,536)	(1,558)	(22,874)	315	35	350
743	SOUTHEAST REGIONAL RESOURCE CENTER	(722)	(8,249)	-	(8,768)	(657)	(18,396)	262	107	369
744	DILLINGHAM CITY SD	(4,364)	(49,848)	-	(52,990)	(2,704)	(109,907)	1,582	31	1,613
746	KENAI PENINSULA BOROUGH SD	(40,508)	(462,753)	-	(491,921)	(1,391)	(996,573)	14,690	1,351	16,041
748	SAINT MARY'S SD	(1,414)	(16,151)	-	(17,169)	(2,777)	(37,512)	513	(178)	335
751	NORTHWEST ARCTIC BOROUGH SD	(18,055)	(206,251)	-	(219,251)	(7,552)	(451,110)	6,547	2,251	8,799
752	BERING STRAIT SD	(20,307)	(231,978)	-	(246,600)	-	(498,885)	7,364	2,813	10,177
753	LOWER YUKON SD	(13,853)	(158,248)	-	(168,223)	(10,094)	(350,418)	5,023	2,102	7,126
754	LOWER KUSKOKWIM SD	(26,222)	(299,549)	-	(318,430)	(1,559)	(645,759)	9,509	4,449	13,958
755	KUSPUK SD	(3,018)	(34,474)	-	(36,647)	(146)	(74,284)	1,094	490	1,584
756	SOUTHWEST REGION SD	(6,780)	(77,457)	-	(82,339)	(2,334)	(168,911)	2,459	277	2,736
757	LAKE AND PENINSULA BOROUGH SD	(5,809)	(66,358)	-	(70,540)	(15,790)	(158,496)	2,106	(576)	1,530
758	ALEUTIAN REGION SD	(635)	(7,257)	-	(7,715)	(1,442)	(17,049)	230	(56)	174
759	PRIBILOF SD	(604)	(6,896)	-	(7,331)	(211)	(15,041)	219	177	396
761	IDITAROD AREA SD	(2,236)	(25,538)	-	(27,148)	(5,679)	(60,601)	811	(300)	511
762	YUKON / KOYUKUK SD	(6,654)	(76,015)	-	(80,806)	(8,301)	(171,775)	2,413	(855)	1,558
763	YUKON FLATS SD	(2,523)	(28,821)	-	(30,638)	(1,031)	(63,013)	915	411	1,326
764	DENALI BOROUGH SD	(2,130)	(24,336)	-	(25,870)	(1,437)	(53,773)	773	(93)	679
765	DELTA/GREELY SD	(2,847)	(32,528)	-	(34,578)	(136)	(70,088)	1,033	358	1,390
766	ALASKA GATEWAY SD	(3,781)	(43,191)	-	(45,914)	(7,258)	(100,144)	1,371	(919)	452
767	COPPER RIVER SD	(2,200)	(25,134)	-	(26,718)	(3,309)	(57,361)	798	(367)	431
768	CHATHAM SD	(1,612)	(18,417)	-	(19,577)	(1,089)	(40,696)	585	(81)	504
769	SOUTHEAST ISLAND SD	(2,025)	(23,132)	-	(24,590)	(1,403)	(51,149)	734	322	1,056
770	ANNETTE ISLAND SD	(3,767)	(43,037)	-	(45,750)	(3,895)	(96,449)	1,366	(516)	851
771	CHUGACH SD	(928)	(10,605)	-	(11,273)	(1,365)	(24,171)	337	(148)	188
775	TANANA SD	(465)	(5,310)	-	(5,644)	(823)	(12,242)	169	(29)	140
777	KASHUNAMIUT SD	(1,755)	(20,051)	-	(21,315)	(3,110)	(46,231)	636	455	1,091
778	YUPIIT SD	(3,924)	(44,830)	-	(47,655)	(3,487)	(99,896)	1,423	1,131	2,554
779	SPECIAL EDUCATION SERVICE AGENCY	(1,367)	(15,620)	-	(16,604)	(1,861)	(35,451)	496	(199)	296
780	ALEUTIANS EAST BOROUGH SD	(2,397)	(27,378)	-	(29,104)	(554)	(59,433)	869	245	1,114
<b>Total</b>		<b>(650,244)</b>	<b>(7,428,198)</b>	<b>-</b>	<b>(7,896,400)</b>	<b>(288,947)</b>	<b>(16,263,788)</b>	<b>235,803</b>	<b>(0)</b>	<b>235,803</b>

All amounts are determined without rounding. Rounded amounts are display



State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule D - Employers' Allocation of Recognition of Deferred Outflows/Inflows as of 6/30/2021

Employer Number	Employer Name	FY2022	FY2023	FY2024	FY2025	FY2026	Thereafter
701	ANCHORAGE SD	(708,191)	(709,240)	(737,622)	(821,964)	(135,251)	(187,097)
704	CORDOVA CITY SD	(5,653)	(5,661)	(5,879)	(6,525)	(1,262)	(1,961)
705	CRAIG CITY SD	(6,310)	(6,319)	(6,573)	(7,325)	(1,196)	(1,992)
706	FAIRBANKS NORTH STAR BOROUGH SD	(212,907)	(213,218)	(221,610)	(246,551)	(43,483)	(62,328)
707	HAINES BOROUGH SD	(5,299)	(5,307)	(5,538)	(6,224)	(640)	(726)
708	HOONAH CITY SD	(5,875)	(5,883)	(6,098)	(6,737)	(1,535)	(2,418)
709	HYDABURG CITY SD	(4,485)	(4,491)	(4,660)	(5,164)	(1,063)	(1,894)
710	JUNEAU BOROUGH SD	(72,209)	(72,316)	(75,213)	(83,822)	(13,724)	(18,991)
712	KAKE CITY SD	(3,746)	(3,752)	(3,906)	(4,362)	(646)	(949)
714	KETCHIKAN GATEWAY BOROUGH SD	(46,494)	(46,561)	(48,359)	(53,703)	(10,195)	(14,932)
717	KLAWOCK CITY SD	(1,655)	(1,658)	(1,733)	(1,956)	(141)	(98)
718	KODIAK ISLAND BOROUGH SD	(49,176)	(49,251)	(51,275)	(57,291)	(8,309)	(12,105)
719	NENANA CITY SD	(6,867)	(6,877)	(7,145)	(7,942)	(1,454)	(2,107)
720	NOME CITY SD	(13,882)	(13,903)	(14,475)	(16,176)	(2,327)	(2,779)
722	MATANUSKA-SUSITNA BOROUGH SD	(285,158)	(285,568)	(296,683)	(329,713)	(60,788)	(91,948)
723	PELICAN CITY SD	(592)	(593)	(615)	(682)	(137)	(209)
724	PETERSBURG CITY SD	(9,366)	(9,379)	(9,731)	(10,774)	(2,277)	(3,908)
727	SITKA BOROUGH SD	(22,666)	(22,700)	(23,617)	(26,340)	(4,167)	(5,529)
728	SKAGWAY CITY SD	(4,261)	(4,267)	(4,430)	(4,913)	(981)	(1,416)
729	UNALASKA CITY SD	(9,822)	(9,836)	(10,222)	(11,368)	(2,037)	(3,069)
730	VALDEZ CITY SD	(12,890)	(12,908)	(13,389)	(14,819)	(3,174)	(4,385)
731	WRANGELL PUBLIC SD	(6,170)	(6,179)	(6,424)	(7,152)	(1,227)	(1,835)
732	YAKUTAT SD	(2,959)	(2,962)	(3,067)	(3,379)	(841)	(1,504)
733	UNIVERSITY OF ALASKA	(58,041)	(58,125)	(60,396)	(67,144)	(12,201)	(18,081)
735	GALENA CITY SD	(22,265)	(22,297)	(23,139)	(25,641)	(5,266)	(7,877)
736	NORTH SLOPE BOROUGH SD	(75,432)	(75,542)	(78,523)	(87,383)	(15,248)	(22,537)
737	STATE OF ALASKA	(12,452)	(12,470)	(12,942)	(14,344)	(2,926)	(4,574)
742	BRISTOL BAY BOROUGH SD	(3,038)	(3,042)	(3,165)	(3,530)	(560)	(828)
743	SOUTHEAST REGIONAL RESOURCE CENTER	(2,450)	(2,454)	(2,556)	(2,860)	(388)	(644)
744	DILLINGHAM CITY SD	(15,424)	(15,447)	(16,064)	(17,899)	(2,961)	(4,309)
746	KENAI PENINSULA BOROUGH SD	(142,118)	(142,330)	(148,061)	(165,093)	(26,420)	(37,192)
748	SAINT MARY'S SD	(5,185)	(5,193)	(5,393)	(5,987)	(1,147)	(1,619)
751	NORTHWEST ARCTIC BOROUGH SD	(61,694)	(61,788)	(64,342)	(71,934)	(10,127)	(9,690)
752	BERING STRAIT SD	(69,109)	(69,215)	(72,088)	(80,626)	(11,109)	(14,617)
753	LOWER YUKON SD	(46,960)	(47,033)	(48,992)	(54,817)	(7,395)	(12,903)
754	LOWER KUSKOKWIM SD	(88,421)	(88,558)	(92,268)	(103,293)	(13,528)	(15,337)
755	KUSPUK SD	(10,198)	(10,214)	(10,641)	(11,910)	(1,579)	(1,852)
756	SOUTHWEST REGION SD	(23,737)	(23,773)	(24,732)	(27,583)	(4,371)	(4,980)
757	LAKE AND PENINSULA BOROUGH SD	(21,150)	(21,180)	(22,002)	(24,444)	(4,559)	(9,706)
758	ALEUTIAN REGION SD	(2,306)	(2,310)	(2,400)	(2,667)	(492)	(997)
759	PRIBILOF SD	(1,961)	(1,964)	(2,049)	(2,303)	(236)	(451)
761	IDITAROD AREA SD	(8,218)	(8,230)	(8,546)	(9,486)	(1,833)	(2,816)
762	YUKON / KOYUKUK SD	(24,422)	(24,457)	(25,398)	(28,196)	(5,417)	(7,942)
763	YUKON FLATS SD	(8,525)	(8,538)	(8,895)	(9,956)	(1,319)	(1,689)
764	DENALI BOROUGH SD	(7,638)	(7,649)	(7,951)	(8,846)	(1,554)	(2,247)
765	DELTA/GREELY SD	(9,727)	(9,742)	(10,145)	(11,342)	(1,595)	(1,952)
766	ALASKA GATEWAY SD	(14,310)	(14,330)	(14,865)	(16,454)	(3,511)	(5,131)
767	COPPER RIVER SD	(8,159)	(8,171)	(8,482)	(9,407)	(1,875)	(2,452)
768	CHATHAM SD	(5,791)	(5,799)	(6,027)	(6,705)	(1,186)	(1,634)
769	SOUTHEAST ISLAND SD	(6,850)	(6,860)	(7,147)	(7,998)	(1,066)	(1,234)
770	ANNETTE ISLAND SD	(13,859)	(13,878)	(14,411)	(15,995)	(3,098)	(4,792)
771	CHUGACH SD	(3,436)	(3,441)	(3,572)	(3,963)	(785)	(1,015)
775	TANANA SD	(1,675)	(1,677)	(1,743)	(1,938)	(347)	(569)
777	KASHUNAMIUT SD	(5,761)	(5,771)	(6,019)	(6,757)	(748)	(1,226)
778	YUPIIT SD	(12,767)	(12,788)	(13,343)	(14,993)	(1,559)	(1,685)
779	SPECIAL EDUCATION SERVICE AGENCY	(5,042)	(5,049)	(5,243)	(5,818)	(1,137)	(1,485)
780	ALEUTIANS EAST BOROUGH SD	(8,243)	(8,256)	(8,595)	(9,603)	(1,398)	(1,905)
<b>Total</b>		<b>(2,302,997)</b>	<b>(2,306,397)</b>	<b>(2,398,397)</b>	<b>(2,671,797)</b>	<b>(445,797)</b>	<b>(632,150)</b>

State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule E - Contribution History

Employer Number	Employer Name	FY2021	FY2020	FY2019			FY2018	FY2017	FY2016
				Actual Contributions	RDS Subsidy*	Total			
701	ANCHORAGE SD	1,300,795	1,409,646	953,785	928	954,712	1,012,203	1,088,040	1,966,072
704	CORDOVA CITY SD	9,970	8,922	6,958	7	6,965	6,541	8,255	12,207
705	CRAIG CITY SD	11,611	11,306	7,631	7	7,638	9,009	10,123	18,484
706	FAIRBANKS NORTH STAR BOROUGH SD	384,658	403,145	271,832	264	272,096	283,341	302,829	530,129
707	HAINES BOROUGH SD	10,577	13,014	8,283	8	8,291	8,512	11,408	23,741
708	HOONAH CITY SD	9,854	8,405	6,215	6	6,221	5,716	5,737	7,499
709	HYDABURG CITY SD	7,768	8,718	2,003	2	2,005	2,307	2,575	8,805
710	JUNEAU BOROUGH SD	132,783	146,200	95,388	93	95,480	104,798	109,405	199,454
712	KAKE CITY SD	7,038	7,019	5,898	6	5,903	6,378	6,569	12,744
714	KETCHIKAN GATEWAY BOROUGH SD	82,414	85,029	55,997	54	56,051	55,042	55,768	103,444
717	KLAWOCK CITY SD	3,438	4,166	2,964	3	2,967	4,207	5,163	7,380
718	KODIAK ISLAND BOROUGH SD	92,784	96,042	69,602	68	69,670	78,014	95,933	160,230
719	NENANA CITY SD	12,289	11,966	9,007	9	9,015	8,156	10,364	16,508
720	NOME CITY SD	26,234	30,486	21,786	21	21,807	23,903	23,171	45,503
722	MATANUSKA-SUSITNA BOROUGH SD	509,406	505,669	347,826	338	348,164	358,542	388,607	668,803
723	PELICAN CITY SD	1,033	1,113	525	1	525	580	632	1,048
724	PETERSBURG CITY SD	16,096	13,975	9,771	10	9,781	11,220	8,243	17,404
727	SITKA BOROUGH SD	42,000	45,261	33,065	32	33,097	34,610	37,822	66,458
728	SKAGWAY CITY SD	7,449	7,472	4,983	5	4,988	5,847	5,516	7,010
729	UNALASKA CITY SD	17,674	17,874	12,983	13	12,995	13,596	12,088	25,684
730	VALDEZ CITY SD	22,059	21,209	15,863	15	15,878	12,723	15,462	19,453
731	WRANGELL PUBLIC SD	11,222	11,745	7,344	7	7,351	8,082	9,387	15,827
732	YAKUTAT SD	4,809	3,500	2,053	2	2,055	2,554	2,305	2,058
733	UNIVERSITY OF ALASKA	104,076	102,560	75,966	74	76,040	74,591	80,942	143,671
735	GALENA CITY SD	38,596	40,302	22,199	22	22,221	22,074	22,862	38,396
736	NORTH SLOPE BOROUGH SD	136,640	136,698	103,218	100	103,318	109,512	106,955	199,532
737	STATE OF ALASKA	21,629	20,354	13,954	14	13,967	13,081	12,631	26,130
742	BRISTOL BAY BOROUGH SD	5,626	5,731	4,894	5	4,898	5,512	3,913	9,991
743	SOUTHEAST REGIONAL RESOURCE CENTER	4,682	4,865	2,913	3	2,915	2,899	4,990	9,098
744	DILLINGHAM CITY SD	28,296	30,786	20,249	20	20,269	20,987	20,508	45,442
746	KENAI PENINSULA BOROUGH SD	262,679	278,435	197,427	192	197,619	215,820	231,529	411,605
748	SAINT MARY'S SD	9,168	10,146	5,636	5	5,642	4,131	5,777	11,755
751	NORTHWEST ARCTIC BOROUGH SD	117,077	141,746	105,709	103	105,812	108,628	109,915	200,583
752	BERING STRAIT SD	131,681	147,963	103,132	100	103,232	116,341	127,530	237,724
753	LOWER YUKON SD	89,828	85,565	66,826	65	66,891	77,748	91,713	179,879
754	LOWER KUSKOKWIM SD	170,037	197,979	141,364	137	141,501	156,389	176,650	309,389
755	KUSPUK SD	19,569	22,166	16,538	16	16,554	17,835	20,433	35,944
756	SOUTHWEST REGION SD	43,968	51,145	35,511	35	35,545	36,134	39,370	65,672
757	LAKE AND PENINSULA BOROUGH SD	37,667	29,049	16,627	16	16,643	26,693	26,922	54,003
758	ALEUTIAN REGION SD	4,120	3,422	1,868	2	1,870	2,763	3,033	5,841
759	PRIBILOF SD	3,914	3,944	2,794	3	2,797	3,457	4,551	9,171
761	IDITAROD AREA SD	14,497	12,315	10,520	10	10,531	10,360	13,841	16,557
762	YUKON / KOYUKUK SD	43,149	42,897	31,275	30	31,306	27,797	28,623	56,403
763	YUKON FLATS SD	16,360	18,753	12,426	12	12,438	12,520	16,591	31,077
764	DENALI BOROUGH SD	13,814	14,035	9,717	9	9,726	10,794	12,203	18,109
765	DELTA/GREELY SD	18,464	20,627	15,674	15	15,689	16,606	17,703	33,191
766	ALASKA GATEWAY SD	24,517	23,057	17,294	17	17,311	14,956	15,344	23,587
767	COPPER RIVER SD	14,267	16,029	10,360	10	10,370	10,832	7,784	14,721
768	CHATHAM SD	10,454	10,804	7,811	8	7,819	7,733	8,813	14,160
769	SOUTHEAST ISLAND SD	13,130	16,209	9,635	9	9,645	11,015	12,718	23,071
770	ANNETTE ISLAND SD	24,430	23,340	16,348	16	16,364	16,687	17,635	29,507
771	CHUGACH SD	6,020	6,791	4,192	4	4,197	3,435	3,595	6,727
775	TANANA SD	3,014	3,099	2,088	2	2,090	2,024	1,385	5,069
777	KASHUNAMIUT SD	11,382	9,971	11,739	11	11,750	13,224	12,863	27,141
778	YUPIIT SD	25,447	32,549	18,597	18	18,615	23,623	28,226	51,554
779	SPECIAL EDUCATION SERVICE AGENCY	8,866	9,169	7,133	7	7,139	6,073	5,995	10,614
780	ALEUTIANS EAST BOROUGH SD	15,541	16,942	11,555	11	11,566	12,754	15,664	26,175
<b>Total</b>		<b>4,216,563</b>	<b>4,461,324</b>	<b>3,084,949</b>	<b>3,000</b>	<b>3,087,949</b>	<b>3,270,906</b>	<b>3,524,609</b>	<b>6,317,434</b>

\* The RDS subsidy is allocated in proportion to actual contributions

**State of Alaska Teachers' Retirement System DCR - Retiree Medical  
Schedule E - Contribution History - Historical**

	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>	<b>FY2012</b>
<b>Total Plan Contributions</b>	<b>5,670,000</b>	<b>1,181,000</b>	<b>1,101,000</b>	<b>1,160,000</b>