

Buck

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, 2017**

October 2018

Buck

October 26, 2018

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

RE: GASB 75 Report as of June 30, 2017 – 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 fiscal year ending June 30, 2018 based on a measurement date of June 30, 2017. GASB 75 replaces GASB 45 effective for fiscal years beginning after June 15, 2017. Please refer to the GASB 74 report dated November 17, 2017 for any supplemental information or documentation.

This report covers the retiree medical portion of the defined contribution retirement plan and the assets and liabilities of TRS DCR. There is a separate GASB 75 report that covers 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 June 30, 2017.

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 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. Buck will accept no liability for any such statement, document or filing 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, increases or decreases expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions or applicable law. Retiree group benefits models necessarily rely on the use of 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.

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 actuarial valuation. 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.

This valuation was prepared based on the actuarial assumptions and methods used in the June 30, 2016 actuarial valuation of TRS DCR, except as noted herein. We rolled forward the liabilities from that date to June 30, 2017, 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.

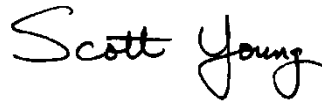
This report was prepared under our supervision and in accordance with all applicable Actuarial Standards of Practice. David Kershner and Scott Young are Fellows of the Society of Actuaries, Enrolled Actuaries and Members of the American Academy of Actuaries. We meet the Qualification Standards of the 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



Scott Young, FSA, EA, MAAA
Director

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Section 1 – GASB 75 Information

OPEB Expense

	FYE June 30, 2017
Service cost	\$ 2,703,000
Interest cost	1,934,000
Expected return on assets	(2,064,000)
Current period effect of benefit changes	0
Current period difference between expected and actual experience	(189)
Current period effect of changes in assumptions	0
Current period difference between projected and actual investment earnings	(239,200)
Member contributions	0
Administrative expenses	12,000
Service purchases and plan transfers	0
Current period recognition of prior years' deferred outflows of resources	0
Current period recognition of prior years' deferred inflows of resources	0
Other Additions Less Other Deductions	<u>0</u>
Total	\$ 2,345,611

The employers' allocation of the OPEB expense for FYE June 30, 2017 is shown in Schedule C in Appendix 3.

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:

- 10.6 years as of June 30, 2016 (for FYE June 30, 2017)

Actuarial Assumptions

The total OPEB liability for fiscal year ending June 30, 2017 was determined by an actuarial valuation as of June 30, 2016, using the actuarial assumptions outlined in Section II, applied to all periods included in the measurement, and rolled forward to the measurement date of June 30, 2017.

The actuarial assumptions used in the June 30, 2016 actuarial valuation were based on the results of an actuarial experience study for the period July 1, 2009 to June 30, 2013, resulting in changes in actuarial assumptions adopted by the Alaska Retirement Management Board to better reflect expected future experience.

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 June 30, 2016 and June 30, 2017 are shown in Appendix 1 and Appendix 2, respectively.

Allocation of Deferred Outflows/Inflows of Resources

The employers' allocation of deferred outflows/inflows of resources as of June 30, 2017 is shown in Schedule C in Appendix 3.

Allocation of Future Years' Recognition of Deferred Outflows/Inflows

The employers' allocation of June 30, 2017 deferred outflows/inflows recognition for each of the next five fiscal years and thereafter is shown in Schedule D in Appendix 4

Allocation Methodology

Amounts for FY2016 were allocated to employers based on each employer's retiree medical contribution relative to the total employer retiree medical contributions made in FY2016.

Amounts for FY2017 were allocated to employers based on each employer's retiree medical contribution relative to the total employer retiree medical contributions made in FY2017.

Section 2 – Actuarial Assumptions and Methods

The funding method used in this valuation was adopted by the Board in October 2006. 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 Method – Entry Age Normal Cost.

Liabilities and contributions shown in the report are computed using the Entry Age Normal Actuarial Cost Method. Any funding surpluses or unfunded 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 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 will be 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.

Valuation of Retiree Medical and Prescription Drug Benefits

The methodology used for the valuation of the retiree medical benefits is described in Section 6.2(d) of the State of Alaska Teachers' Retirement System Defined Benefit Plan Actuarial Valuation Report as of June 30, 2016.

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, 2016 for the Defined Benefit (DB) retiree healthcare plan covering TRS, PERS, and others. 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, upcoming FY17 claims costs were reduced 3.1% for medical and 11.2% for prescription drugs. In addition, to account for the difference in Medicare coordination, upcoming FY17 medical claims costs for Medicare eligible retirees were further reduced 33.75%. The health care trend rate used for the DB health benefits was reduced 0.2% each year for the DCR health benefits to reflect the fact that the retiree healthcare benefits to be offered to DCR members will have annual indexing of member cost sharing features such as deductibles and out-of-pocket amounts.

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, as such members will be required to pay the full plan premium. Explicit subsidies for disabled and normal retirement are determined using the plan-defined age-related percentages of total projected plan costs, again with no implicit subsidy assumed.

The State intends to transition to an Employer Group Waiver Program (EGWP) for this group in 2018. That impact is reflected in the valuation, but not in the base cost rates for 2016 or 2017. We estimated the impact of the EGWP plan by offsetting an amount equal to 160% of the RDS amount (a one-time adjustment, trended at regular prescription drug thereafter) based upon Buck's review of client and industry comparisons of subsidies under RDS and EGWP. We will assess the historical patterns for EGWP / RDS reimbursements as part of the experience study and cost development work for the next valuation to determine any need for further adjustment. A review of a 2016 Medicare Trustees report indicates varying rates of increase for CMS subsidies under both RDS and EGWP. The projections for the next ten years indicate that EGWP reimbursements for direct and reinsurance subsidies are expected to be consistently significantly higher than projected RDS reimbursements.

Because EGWP subsidies are dependent upon risk scores which have not previously been measured for the State retiree population, and because EGWP subsidies are highly leveraged, there is considerable uncertainty in the estimate.

The estimate of the impact of the EGWP arrangement is a somewhat conservative estimate based on our experience with other similar implementations. EGWP subsidies are provided by three mechanisms, a capitation amount, a discount on brand name drugs (provided by pharmaceutical manufacturers rather than the federal government but still through the administration of a pharmacy benefit manager), and catastrophic payment.

The greatest variation in our estimate comes from the capitation amount, which is dependent upon the risk score of the population. The risk score is a measure of how sick (or well) the population is, depending on such matters as age and diagnosis. The higher the risk score, the larger the capitation. On the other hand, the healthier the population, the lower the capitation. Relatively small variations in risk score result in large swings in the capitation. Employer retiree groups tend to be healthier than the Medicare population as a whole. Our 60% estimate is meant to be conservative and is based on typical employer groups.

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; however, only the Patient Centered Outcomes Research Institute fee impact has been included in the valuation results as part of administrative fee.

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 Plan will be subject to the high cost plan excise tax (Cadillac tax) and the value of the Health Reimbursement Account must be included along with projected plan costs. The excise tax was originally to be effective for 2018; legislation passed in December 2015 delayed it to 2020. Based upon guidance available at the time of disclosure, Buck determined the impact on plan liabilities to be immaterial (approximately \$110,000 (0.5%)) based on a blend of projected pre-Medicare and Medicare retirees and related cost projections. Participants will be responsible for any tax to the extent they are reflected in retiree contributions.

The Trump administration has clearly announced its intention to repeal healthcare reform. As one of his first acts in office, President Trump issued an executive order that states that federal agencies can grant waivers, exemptions and delays of "Obamacare" provisions that would impose costs on states or individuals. On February 15, 2016, CMS issued proposed rules that are intended to minimize adverse selection, but which might disrupt the fragile balance of the healthcare exchanges. We can expect more information about what is being altered. As of the writing of this letter we have not identified any action that has already formally been adopted that would be expected to have a significant impact on the measured obligation. As additional guidance on the legislation is issued, we will continue to monitor any potential impacts.

Changes in Methods From the Prior Valuation

There have been no changes in methods since the prior valuation.

The demographic and economic assumptions used in the June 30, 2016 valuation are described below. Unless noted otherwise, these assumptions were adopted by the Board in December 2014. These assumptions were the result of an experience study performed for the TRS defined benefit plan as of June 30, 2013.

Investment Return / Discount Rate	8.00% per year (geometric), compounded annually, net of expenses.
Salary Scale	Inflation – 3.12% per year. Productivity – 0.50% per year. See Table 1 for salary scale rates.
Payroll Growth	3.62% 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 3.12% annually.
Mortality (Pre-termination)*	Based upon the 2010-2013 actual experience. (See Table 2). 68% of male rates and 60% of female rates of post-termination mortality. Deaths are assumed to result from occupational causes 15% of the time.
Mortality (Post-termination)*	Based upon the 2010-2013 actual experience. (See Table 3). 94% of male and 97% of female rates of RP-2000, 2000 Base Year projected to 2018 with Projection Scale BB, with a 3-year setback for males and a 4-year setback for females. Disability Mortality in accordance with the RP-2000 Disabled Retiree Mortality Table, 2000 Base Year, projected to 2018 with Projection Scale BB.
Turnover	Select and ultimate rates based upon the 2010-2013 actual withdrawal experience. (See Table 4).
Disability	Incidence rates based upon the 2010-2013 actual experience, in accordance with Table 5. Disabilities are assumed to result from occupational causes 15% of the time.
Retirement	Retirement rates based upon the 2010 - 2013 actual experience in accordance with Table 6. Deferred vested members are assumed to retire at their earliest unreduced retirement date.
Marriage and Age Difference	Wives are assumed to be three years younger than husbands. 85% of male members and 75% of female members are assumed to be married at termination from active service.

*The mortality assumptions include an allowance for expected future mortality improvement. The mortality table used was set in 2014 with an Actual Deaths to Expected Deaths ratio of 110%.

Per Capita Claims Cost

Sample claims cost rates (before base claims cost adjustments described below) adjusted to age 65 for FY17 medical benefits are shown below:

	Medical	Prescription Drugs
Pre-Medicare	\$ 14,380	\$ 3,320
Medicare Parts A & B	\$ 1,707	\$ 3,320
Medicare Part B Only	\$ 8,562	\$ 3,320
Medicare Part D	N/A	\$ 614

Members are assumed to attain Medicare eligibility at age 65.

Third Party Administrator Fees

\$206.88 per person per year; assumed trend rate of 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 medical plan.
- 0.6625 for the medical Medicare coordination method.
- 0.888 for the prescription drug plan.

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. Nonvested 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.

Active Data Adjustment

To reflect participants who terminate employment before the valuation date and are subsequently rehired after the valuation date, participants who are listed as terminated on the June 30 client data but active in the October 1 client records are updated to active status.

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, 8.8% is applied to the FY17 pre-Medicare medical claims cost to get the FY18 medical claims cost.

	Medical Pre-65	Medical Post-65	Prescription Drugs
FY17	8.8%	5.8%	5.4%
FY18	8.2%	5.7%	5.1%
FY19	7.6%	5.6%	4.8%
FY20	7.0%	5.6%	4.6%
FY21	6.5%	5.6%	4.4%
FY22	6.0%	5.6%	4.2%
FY23	5.6%	5.6%	4.0%
FY25	5.6%	5.6%	4.0%
FY50	4.4%	4.0%	4.0%
FY100	4.4%	4.0%	4.0%

For the June 30, 2014 valuations and later, the updated Society of Actuaries' Healthcare Cost Trend Model is used to project medical and prescription drug costs. This model effectively begins estimating trend amounts beginning in 2014 and projects out to 2090. The model has been populated with assumptions that are specific to the State of Alaska.

Each of the above trend rates was reduced by 0.2% to reflect the fact that the medical benefit offered to members will have annual indexing of member cost sharing.

Aging Factors*

Age	Medical	Prescription Drugs
0-44	2.0%	4.5%
45-54	2.5%	3.5%
55-64	3.5%	3.0%
65-74	4.0%	1.5%
75-84	1.5%	0.5%
85-94	0.5%	0.0%
96+	0.0%	0.0%

* Note that pre-65 the factor represents the amount to increase from the ages noted to the next age. However post-65, the factor represents the adjustment to get to the ages noted up to age in the range. That is, 2.5% is used to age from 54 to 55, but 1.5% is used to age from 83 to 84.

Retiree Medical Participation

Decrement Due to Disability

<u>Age</u>	<u>Percent Participation</u>
<56	73.00%
56	77.50%
57	79.75%
58	82.00%
59	84.25%
60	86.50%
61	88.75%
62	91.00%
63	93.25%
64	95.50%
65+	94.00%

Decrement Due to Retirement

<u>Age</u>	<u>Percent Participation</u>
55	40.0%
56	50.0%
57	55.0%
58	60.0%
59	65.0%
60	70.0%
61	75.0%
62	80.0%
63	85.0%
64	90.0%
65+	<u>Years of Svc</u>
	<15 70.5%
	15-19 75.2%
	20-24 79.9%
	25-29 89.3%
	30+ 94.0%

*Participation 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 trend in participation from a range of other plans.

Table 1
Alaska TRS DCR Plan
Salary Scale

Years of service	Percent Increase
0	8.11%
1	7.51
2	6.91
3	6.41
4	6.11
5	6.11
6	5.90
7	5.69
8	5.55
9	5.40
10	5.26
11	5.11
12	4.96
13	4.84
14	4.72
15	4.60
16	4.49
17	4.37
18	4.27
19	4.17
20	4.07
21	3.97
22+	3.87

Table 2
Alaska TRS DCR Plan
Mortality Table (Pre-termination)

Age	Male	Female	Age	Male	Female
20	0.0182%	0.0098%	55	0.1615%	0.0985%
21	0.0191	0.0101	56	0.1766	0.1054
22	0.0200	0.0104	57	0.1901	0.1132
23	0.0209	0.0105	58	0.2117	0.1221
24	0.0216	0.0105	59	0.2409	0.1344
25	0.0222	0.0106	60	0.2643	0.1501
26	0.0226	0.0107	61	0.2917	0.1659
27	0.0228	0.0109	62	0.3229	0.1837
28	0.0228	0.0111	63	0.3599	0.2080
29	0.0229	0.0114	64	0.4021	0.2367
30	0.0231	0.0118	65	0.4504	0.2723
31	0.0238	0.0123	66	0.5057	0.3118
32	0.0249	0.0130	67	0.5594	0.3582
33	0.0269	0.0137	68	0.6202	0.4036
34	0.0302	0.0146	69	0.7017	0.4546
35	0.0340	0.0169	70	0.7828	0.5130
36	0.0382	0.0193	71	0.8702	0.5696
37	0.0425	0.0217	72	0.9643	0.6297
38	0.0468	0.0240	73	1.0813	0.6959
39	0.0509	0.0262	74	1.1964	0.7841
40	0.0547	0.0283	75	1.3285	0.8701
41	0.0584	0.0305	76	1.4797	0.9678
42	0.0618	0.0330	77	1.6508	1.0757
43	0.0653	0.0357	78	1.8423	1.1923
44	0.0692	0.0389	79	2.0534	1.3163
45	0.0736	0.0427	80	2.2841	1.4502
46	0.0787	0.0470	81	2.5382	1.5972
47	0.0846	0.0517	82	2.8208	1.7607
48	0.0913	0.0567	83	3.1344	1.9438
49	0.0979	0.0620	84	3.5081	2.1486
50	0.1050	0.0674	85	3.9193	2.3782
51	0.1126	0.0731			
52	0.1208	0.0791			
53	0.1295	0.0855			
54	0.1483	0.0908			

Table 3
Alaska TRS DCR Plan
Mortality Table (Post-termination)

Age	Male	Female	Age	Male	Female
50	0.1544%	0.1124%	85	5.7637%	3.9636%
51	0.1656	0.1219	86	6.4248	4.3940
52	0.1777	0.1318	87	7.2770	4.8789
53	0.1904	0.1424	88	8.2264	5.4261
54	0.2181	0.1513	89	9.2884	6.0450
55	0.2375	0.1641	90	10.4794	6.8659
56	0.2597	0.1756	91	11.8129	7.7983
57	0.2795	0.1887	92	13.2941	8.8452
58	0.3113	0.2035	93	14.9196	10.0021
59	0.3543	0.2240	94	16.5479	11.2560
60	0.3887	0.2501	95	18.2705	12.5866
61	0.4289	0.2765	96	20.0693	13.9699
62	0.4749	0.3062	97	21.9249	15.3813
63	0.5293	0.3466	98	23.3940	16.4973
64	0.5913	0.3946	99	25.2821	17.8741
65	0.6624	0.4538	100	26.7022	18.8730
66	0.7436	0.5196	101	28.5888	20.1393
67	0.8227	0.5970	102	29.9408	20.9540
68	0.9121	0.6727	103	31.8102	22.0440
69	1.0318	0.7576	104	33.1094	22.6232
70	1.1511	0.8550	105	34.9384	23.7489
71	1.2798	0.9494	106	36.0058	24.6863
72	1.4180	1.0494	107	36.8483	25.8063
73	1.5902	1.1599	108	37.4013	27.0683
74	1.7595	1.3068	109	37.6000	28.4323
75	1.9536	1.4502	110	37.6000	29.8577
76	2.1760	1.6130	111	37.6000	31.3043
77	2.4276	1.7929	112	37.6000	32.7318
78	2.7093	1.9871	113	37.6000	34.0998
79	3.0198	2.1938	114	37.6000	35.3678
80	3.3590	2.4170	115	37.6000	36.4959
81	3.7326	2.6620	116	37.6000	37.4435
82	4.1482	2.9345	117	37.6000	38.1702
83	4.6095	3.2397	118	37.6000	38.6359
84	5.1589	3.5811	119	100.0000	100.0000

Table 4
Alaska TRS DCR Plan
Turnover Assumptions

Select Rates of Turnover During the First 5 Years of Employment

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 of Turnover After the First 5 Years of Employment

Age	Male	Female	Age	Male	Female
15	6.2959%	6.6811%	40	6.1753%	6.5647%
16	6.2959	6.6811	41	6.1604	6.5516
17	6.2959	6.6811	42	6.1455	6.5386
18	6.2959	6.6811	43	6.1081	6.5175
19	6.2959	6.6811	44	6.0706	6.4965
20	6.2959	6.6811	45	6.0332	6.4754
21	6.2959	6.6811	46	5.9957	6.4544
22	6.2959	6.6811	47	5.9583	6.4333
23	6.2903	6.6773	48	5.9053	6.3975
24	6.2847	6.6735	49	5.8522	6.3617
25	6.2791	6.6697	50	5.7992	6.3259
26	6.2735	6.6659	51	5.7461	6.2901
27	6.2679	6.6621	52	5.6931	6.2543
28	6.2623	6.6583	53	5.5800	6.1818
29	6.2567	6.6544	54	5.4670	6.1093
30	6.2512	6.6506	55	5.3539	6.0367
31	6.2456	6.6467	56	5.2409	5.9642
32	6.2400	6.6429	57	5.1278	5.8917
33	6.2360	6.6351	58	5.1711	6.0021
34	6.2320	6.6273	59	5.2144	6.1125
35	6.2280	6.6194	60	5.2578	6.2230
36	6.2240	6.6116	61	5.3011	6.3334
37	6.2200	6.6038	62	5.3444	6.4438
38	6.2051	6.5908	63	5.7296	6.6292
39	6.1902	6.5777	64	6.1148	6.8146
			65+	6.5000	7.0000

Table 5
Alaska TRS DCR Plan
Disability Table

Age	Unisex
< 19	0.0560%
20	0.0560
21	0.0563
22	0.0565
23	0.0574
24	0.0583
25	0.0593
26	0.0602
27	0.0611
28	0.0611
29	0.0612
30	0.0612
31	0.0613
32	0.0613
33	0.0622
34	0.0631
35	0.0641
36	0.0650
37	0.0659
38	0.0674
39	0.0689
40	0.0703
41	0.0718
42	0.0733
43	0.0770
44	0.0806
45	0.0843
46	0.0879
47	0.0916
48	0.0975
49	0.1034
50	0.1093
51	0.1152
52	0.1211
53	0.1356
54	0.1501

Table 6
Alaska TRS DCR Plan
Retirement Table

Age	Rate
< 54	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

Effective Date

July 1, 2006, with amendments through June 30, 2016.

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 four 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 nonvested 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 show on the next page, there are no member contributions for the occupational death & disability and 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 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*	Out-of-Network*(1)
Deductible (single / family)	\$300 / \$600	\$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)	\$1,200 / \$2,400	\$2,400 / \$4,800
Medicare Coordination	Carve-out	Carve-out
Pharmacy	No Deductible	No Deductible
	20% \$10 min / \$50 max	
Retail Generic (per 30-day fill)	25% \$25 min / \$75 max	40%
Retail Non-Formulary Brand (per 30-day fill)		
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	\$1,000 / \$2,000
Medicare Pharmacy Arrangement	Retiree Drug Subsidy / Employer Group Waiver Plan effective 1/1/2018	
Wellness / Preventative	100%, Not subject to deductible	

(1) OON applies only to non-Medicare eligible participants.

*Assumed to increase annually to mitigate impact of healthcare cost trend

- Buck used its manual rate models to determine relative plan values for the defined benefit (DB) retiree medical plan and the adopted DCR retiree medical plan outlined above. We applied the ratio of the DCR retiree health plan value to the DB retiree health plan value to the per capita costs determined for each of pre/post-Medicare medical and pharmacy benefits (including RDS) to estimate corresponding values for the adopted DCR retiree medical plan design. These factors are noted in Section 5.3. We further adjusted the Medicare medical manual rate to reflect the Medicare coordination method adopted. The RDS subsidy offset in 2018 was increased by 60% to reflect estimated Medicare reimbursements under the Employer Group Waiver Plan (EGWP) arrangement. We reflect estimated discounts and pharmacy rebates in the defined benefit medical cost assumptions, so no further adjustment was needed for the DCR medical plan. The network differential is reflected in the relative plan value adjustments.
- The medical plan's coverage is supplemental to Medicare. Medicare coordination is described in the 2016 DCR Plan Handbook, referred to in the industry as carve-out coordination: Medicare payment is deducted from the Medicare allowable expense and plan parameters are applied to that amount. Starting at 2018, the prescription drug coverage is 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
Less than 15 years	30%
15 – 19	25%
20 – 24	20%
25 – 29	15%
30 years or more	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 cost¹.

Members have a separate defined contribution Health Reimbursement Arrangement account that can be used to pay for premiums or other medical expenses.

For valuation purposes this year, we set premiums equal to the age-related plan costs and apply the plan subsidy percentage; thus, reflecting the updated cost using enrollment information. Future premiums calculated and charged to participants will be determined to reflect any adjustment due to the updated defined benefit plan data as current premiums were determined using information based upon enrollment with dual coverage members.

- Coverage will continue for surviving spouses of covered retired members.

Occupational Disability Benefits

- Benefit is 40% of salary at date of disability.
- Disability Benefit Adjustment: The disability benefit is incurred by 75% of the cost of living increase in the preceding calendar year or 9%, whichever is less.

¹ As per discussion with the State, reflects updated understanding of statute regarding retiree contribution requirements and employer subsidies.

- Member earns service while on occupational disability.
- Benefits cease when the member becomes eligible for normal retirement at Medicare-eligible age and 10 years of service, or at any age with 30 years of service.
- No retiree medical benefits are provided until normal retirement eligibility. The member's premium is 100% until they are Medicare eligible. Medicare-eligible premiums follow the service-based schedule above.

Occupational Death Benefits

- Benefit is 40% of salary.
- Survivor's Pension Adjustment: 50% of the cost of living increase in the preceding calendar year or 6%, whichever is less, if the recipient is at least age 60 on July 1, or under age 60 if the recipient has been receiving TRS benefits for at least 8 years as of July 1.
- Benefits cease when the member would have become eligible for normal retirement.
- The period during which the survivor is receiving benefits is counted as service credit toward retiree medical benefits.
- No retiree medical benefits are provided until the member would have been eligible for normal retirement. The surviving spouse's premium is 100% until the member would have been Medicare eligible. Medicare-eligible premiums follow the service-based schedule above.

Changes Since the Prior Valuation

- Updated non-Medicare eligible dependent coverage premiums to reflect subsidy when the member is Medicare-eligible.
- Updated factors used to adjust the defined benefit plan costs to reflect adopted DCR plan design

APPENDIX

State of Alaska Teachers' Retirement System DCR - Retiree Medical
Schedule A - Employers' Allocation of Net OPEB Liability as of 6/30/2016

Employer Number	Employer Name	FY2016 Employer Contributions	Employer Proportion	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	Total Deferred Outflows	Total Deferred Inflows
701	ANCHORAGE SD	1,966,072	31.12136%	6,683,624	7,493,713	(810,089)	-	-
704	CORDOVA CITY SD	12,207	0.19323%	41,499	46,529	(5,030)	-	-
705	CRAIG CITY SD	18,484	0.29259%	62,837	70,453	(7,616)	-	-
706	FAIRBANKS NORTH STAR BOROUGH SD	530,129	8.39153%	1,802,164	2,020,596	(218,431)	-	-
707	HAINES BOROUGH SD	23,741	0.37581%	80,708	90,491	(9,782)	-	-
708	HOONAH CITY SD	7,499	0.11871%	25,494	28,584	(3,090)	-	-
709	HYDABURG CITY SD	8,805	0.13938%	29,933	33,561	(3,628)	-	-
710	JUNEAU BOROUGH SD	199,454	3.15719%	678,039	760,221	(82,182)	-	-
712	KAKE CITY SD	12,744	0.20172%	43,322	48,573	(5,251)	-	-
714	KETCHIKAN GATEWAY BOROUGH SD	103,444	1.63744%	351,656	394,279	(42,623)	-	-
717	KLAWOCK CITY SD	7,380	0.11682%	25,088	28,129	(3,041)	-	-
718	KODIAK ISLAND BOROUGH SD	160,230	2.53632%	544,700	610,721	(66,020)	-	-
719	NENANA CITY SD	16,508	0.26132%	56,120	62,922	(6,802)	-	-
720	NOME CITY SD	45,503	0.72028%	154,687	173,435	(18,749)	-	-
722	MATANUSKA-SUSITNA BOROUGH SD	668,803	10.58662%	2,273,583	2,549,153	(275,570)	-	-
723	PELICAN CITY SD	1,048	0.01658%	3,561	3,993	(432)	-	-
724	PETERSBURG CITY SD	17,404	0.27549%	59,164	66,335	(7,171)	-	-
727	SITKA BOROUGH SD	66,458	1.05198%	225,924	253,307	(27,383)	-	-
728	SKAGWAY CITY SD	7,010	0.11096%	23,830	26,719	(2,888)	-	-
729	UNALASKA CITY SD	25,684	0.40656%	87,313	97,896	(10,583)	-	-
730	VALDEZ CITY SD	19,453	0.30793%	66,131	74,146	(8,015)	-	-
731	WRANGELL PUBLIC SD	15,827	0.25053%	53,804	60,326	(6,521)	-	-
732	YAKUTAT SD	2,058	0.03258%	6,997	7,845	(848)	-	-
733	UNIVERSITY OF ALASKA	143,671	2.27420%	488,407	547,605	(59,197)	-	-
735	GALENA CITY SD	38,396	0.60778%	130,526	146,346	(15,820)	-	-
736	NORTH SLOPE BOROUGH SD	199,532	3.15843%	678,305	760,519	(82,214)	-	-
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	26,130	0.41361%	88,828	99,594	(10,766)	-	-
742	BRISTOL BAY BOROUGH SD	9,991	0.15814%	33,963	38,079	(4,116)	-	-
743	SOUTHEAST REGIONAL RESOURCE CENTER	9,098	0.14401%	30,927	34,676	(3,749)	-	-
744	DILLINGHAM CITY SD	45,442	0.71932%	154,481	173,204	(18,724)	-	-
746	KENAI PENINSULA BOROUGH SD	411,605	6.51539%	1,399,244	1,568,840	(169,596)	-	-
748	SAINT MARY'S SD	11,755	0.18607%	39,959	44,803	(4,843)	-	-
751	NORTHWEST ARCTIC BOROUGH SD	200,583	3.17507%	681,878	764,525	(82,647)	-	-
752	BERING STRAIT SD	237,724	3.76298%	808,138	906,089	(97,950)	-	-
753	LOWER YUKON SD	179,879	2.84735%	611,496	685,613	(74,116)	-	-
754	LOWER KUSKOKWIM SD	309,389	4.89738%	1,051,761	1,179,240	(127,479)	-	-
755	KUSPUK SD	35,944	0.56896%	122,190	137,000	(14,810)	-	-
756	SOUTHWEST REGION SD	65,672	1.03953%	223,249	250,308	(27,059)	-	-
757	LAKE AND PENINSULA BOROUGH SD	54,003	0.85483%	183,583	205,834	(22,251)	-	-
758	ALEUTIAN REGION SD	5,841	0.09246%	19,857	22,264	(2,407)	-	-
759	PRIBILOF SD	9,171	0.14517%	31,176	34,955	(3,779)	-	-
761	IDITAROD AREA SD	16,557	0.26208%	56,284	63,106	(6,822)	-	-
762	YUKON / KOYUKUK SD	56,403	0.89281%	191,741	214,980	(23,240)	-	-
763	YUKON FLATS SD	31,077	0.49192%	105,644	118,449	(12,805)	-	-
764	DENALI BOROUGH SD	18,109	0.28665%	61,561	69,022	(7,461)	-	-
765	DELTA/GREELY SD	33,191	0.52538%	112,831	126,507	(13,676)	-	-
766	ALASKA GATEWAY SD	23,587	0.37337%	80,185	89,904	(9,719)	-	-
767	COPPER RIVER SD	14,721	0.23303%	50,045	56,110	(6,066)	-	-
768	CHATHAM SD	14,160	0.22414%	48,136	53,970	(5,834)	-	-
769	SOUTHEAST ISLAND SD	23,071	0.36520%	78,430	87,936	(9,506)	-	-
770	ANNETTE ISLAND SD	29,507	0.46708%	100,309	112,467	(12,158)	-	-
771	CHUGACH SD	6,727	0.10648%	22,867	25,638	(2,772)	-	-
775	TANANA SD	5,069	0.08024%	17,233	19,321	(2,089)	-	-
777	KASHUNAMIUT SD	27,141	0.42962%	92,266	103,449	(11,183)	-	-
778	YUPIIT SD	51,554	0.81605%	175,256	196,498	(21,242)	-	-
779	SPECIAL EDUCATION SERVICE AGENCY	10,614	0.16802%	36,083	40,457	(4,373)	-	-
780	ALEUTIANS EAST BOROUGH SD	26,175	0.41433%	88,982	99,767	(10,785)	-	-
Total		6,317,434	100.00000%	21,476,000	24,079,000	(2,603,000)	-	-

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 6/30/2016

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 (7.0% Discount Rate)	Net OPEB Liability 1% Increase Discount Rate (9.0% Discount Rate)	Net OPEB Liability 1% Decrease Trend	Net OPEB Liability 1% Increase Trend
701	ANCHORAGE SD				968,323	(2,156,107)	(2,383,308)	1,363,367
704	CORDOVA CITY SD				6,012	(13,387)	(14,798)	8,465
705	CRAIG CITY SD				9,104	(20,271)	(22,407)	12,818
706	FAIRBANKS NORTH STAR BOROUGH SD				261,097	(581,370)	(642,632)	367,617
707	HAINES BOROUGH SD				11,693	(26,036)	(28,780)	16,463
708	HOONAH CITY SD				3,694	(8,224)	(9,091)	5,200
709	HYDABURG CITY SD				4,337	(9,656)	(10,674)	6,106
710	JUNEAU BOROUGH SD				98,234	(218,732)	(241,781)	138,311
712	KAKE CITY SD				6,277	(13,976)	(15,448)	8,837
714	KETCHIKAN GATEWAY BOROUGH SD				50,948	(113,443)	(125,397)	71,733
717	KLAWOCK CITY SD				3,635	(8,093)	(8,946)	5,118
718	KODIAK ISLAND BOROUGH SD				78,916	(175,718)	(194,234)	111,111
719	NENANA CITY SD				8,131	(18,104)	(20,012)	11,448
720	NOME CITY SD				22,411	(49,901)	(55,160)	31,554
722	MATANUSKA-SUSITNA BOROUGH SD				329,397	(733,448)	(810,735)	463,780
723	PELICAN CITY SD				516	(1,149)	(1,270)	726
724	PETERSBURG CITY SD				8,572	(19,086)	(21,097)	12,069
727	SITKA BOROUGH SD				32,732	(72,882)	(80,562)	46,085
728	SKAGWAY CITY SD				3,453	(7,688)	(8,498)	4,861
729	UNALASKA CITY SD				12,650	(28,167)	(31,135)	17,811
730	VALDEZ CITY SD				9,581	(21,333)	(23,582)	13,490
731	WRANGELL PUBLIC SD				7,795	(17,357)	(19,186)	10,975
732	YAKUTAT SD				1,014	(2,257)	(2,495)	1,427
733	UNIVERSITY OF ALASKA				70,760	(157,558)	(174,161)	99,628
735	GALENA CITY SD				18,911	(42,107)	(46,544)	26,625
736	NORTH SLOPE BOROUGH SD				98,273	(218,818)	(241,876)	138,365
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)				12,869	(28,655)	(31,675)	18,120
742	BRISTOL BAY BOROUGH SD				4,921	(10,956)	(12,111)	6,928
743	SOUTHEAST REGIONAL RESOURCE CENTER				4,481	(9,977)	(11,028)	6,309
744	DILLINGHAM CITY SD				22,381	(49,835)	(55,086)	31,512
746	KENAI PENINSULA BOROUGH SD				202,722	(451,390)	(498,955)	285,427
748	SAINT MARY'S SD				5,789	(12,891)	(14,249)	8,151
751	NORTHWEST ARCTIC BOROUGH SD				98,790	(219,971)	(243,150)	139,094
752	BERING STRAIT SD				117,083	(260,702)	(288,173)	164,849
753	LOWER YUKON SD				88,594	(197,266)	(218,053)	124,737
754	LOWER KUSKOKWIM SD				152,379	(339,293)	(375,047)	214,545
755	KUSPUK SD				17,703	(39,418)	(43,572)	24,925
756	SOUTHWEST REGION SD				32,344	(72,019)	(79,608)	45,540
757	LAKE AND PENINSULA BOROUGH SD				26,597	(59,223)	(65,464)	37,448
758	ALEUTIAN REGION SD				2,877	(6,406)	(7,081)	4,051
759	PRIBILOF SD				4,517	(10,057)	(11,117)	6,360
761	IDITAROD AREA SD				8,154	(18,157)	(20,070)	11,481
762	YUKON / KOYUKUK SD				27,779	(61,855)	(68,373)	39,112
763	YUKON FLATS SD				15,306	(34,080)	(37,672)	21,550
764	DENALI BOROUGH SD				8,919	(19,859)	(21,952)	12,558
765	DELTA/GREELY SD				16,347	(36,399)	(40,234)	23,016
766	ALASKA GATEWAY SD				11,617	(25,867)	(28,593)	16,357
767	COPPER RIVER SD				7,250	(16,144)	(17,845)	10,208
768	CHATHAM SD				6,974	(15,528)	(17,165)	9,819
769	SOUTHEAST ISLAND SD				11,363	(25,301)	(27,967)	15,999
770	ANNETTE ISLAND SD				14,533	(32,359)	(35,769)	20,462
771	CHUGACH SD				3,313	(7,377)	(8,154)	4,664
775	TANANA SD				2,497	(5,559)	(6,145)	3,515
777	KASHUNAMIUT SD				13,367	(29,764)	(32,901)	18,821
778	YUPIIT SD				25,391	(56,537)	(62,494)	35,750
779	SPECIAL EDUCATION SERVICE AGENCY				5,228	(11,640)	(12,867)	7,360
780	ALEUTIANS EAST BOROUGH SD				12,892	(28,705)	(31,730)	18,151
Total		112.12%	274,892,000	-0.95%	3,111,441	(6,928,061)	(7,658,109)	4,380,809

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 6/30/2017

Employer Number	Employer Name	FY2017 Employer Contributions	Employer Proportion	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability	Total Deferred Outflows	Total Deferred Inflows
701	ANCHORAGE SD	1,088,040	30.86980%	8,059,488	9,522,717	(1,463,229)	6,101	(295,921)
704	CORDOVA CITY SD	8,255	0.23422%	61,150	72,252	(11,102)	-	(3,210)
705	CRAIG CITY SD	10,123	0.28721%	74,984	88,598	(13,614)	128	(2,753)
706	FAIRBANKS NORTH STAR BOROUGH SD	302,829	8.59184%	2,243,156	2,650,409	(407,253)	-	(87,037)
707	HAINES BOROUGH SD	11,408	0.32367%	84,503	99,845	(15,342)	1,231	(3,103)
708	HOONAH CITY SD	5,737	0.16278%	42,499	50,214	(7,716)	-	(2,598)
709	HYDABURG CITY SD	2,575	0.07305%	19,071	22,534	(3,462)	1,564	(700)
710	JUNEAU BOROUGH SD	109,405	3.10404%	810,404	957,535	(147,132)	1,270	(29,756)
712	KAKE CITY SD	6,569	0.18637%	48,658	57,492	(8,834)	363	(1,787)
714	KETCHIKAN GATEWAY BOROUGH SD	55,768	1.58224%	413,091	488,089	(74,998)	1,310	(15,168)
717	KLAWOCK CITY SD	5,163	0.14648%	38,243	45,186	(6,943)	-	(2,103)
718	KODIAK ISLAND BOROUGH SD	95,933	2.72181%	710,610	839,624	(129,014)	-	(30,449)
719	NENANA CITY SD	10,364	0.29405%	76,771	90,709	(13,938)	-	(3,589)
720	NOME CITY SD	23,171	0.65740%	171,633	202,793	(31,161)	1,486	(6,302)
722	MATANUSKA-SUSITNA BOROUGH SD	388,607	11.02554%	2,878,547	3,401,158	(522,610)	-	(115,978)
723	PELICAN CITY SD	632	0.01794%	4,684	5,534	(850)	-	(204)
724	PETERSBURG CITY SD	8,243	0.23388%	61,061	72,147	(11,086)	982	(2,242)
727	SITKA BOROUGH SD	37,822	1.07309%	280,163	331,027	(50,865)	-	(10,779)
728	SKAGWAY CITY SD	5,516	0.15651%	40,862	48,280	(7,419)	-	(2,573)
729	UNALASKA CITY SD	12,088	0.34297%	89,541	105,798	(16,257)	1,501	(3,288)
730	VALDEZ CITY SD	15,462	0.43869%	114,533	135,326	(20,794)	-	(7,285)
731	WRANGELL PUBLIC SD	9,387	0.26632%	69,532	82,156	(12,624)	-	(2,924)
732	YAKUTAT SD	2,305	0.06541%	17,076	20,177	(3,100)	-	(1,400)
733	UNIVERSITY OF ALASKA	80,942	2.29648%	599,566	708,419	(108,853)	-	(22,527)
735	GALENA CITY SD	22,862	0.64865%	169,348	200,094	(30,746)	-	(7,178)
736	NORTH SLOPE BOROUGH SD	106,955	3.03452%	792,252	936,088	(143,836)	2,938	(29,089)
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	12,631	0.35837%	93,563	110,550	(16,987)	753	(3,435)
742	BRISTOL BAY BOROUGH SD	3,913	0.11103%	28,987	34,249	(5,263)	1,111	(1,064)
743	SOUTHEAST REGIONAL RESOURCE CENTER	4,990	0.14156%	36,959	43,669	(6,710)	58	(1,357)
744	DILLINGHAM CITY SD	20,508	0.58186%	151,912	179,492	(27,580)	3,244	(5,578)
746	KENAI PENINSULA BOROUGH SD	231,529	6.56894%	1,715,018	2,026,385	(311,368)	-	(64,197)
748	SAINT MARY'S SD	5,777	0.16391%	42,793	50,562	(7,769)	523	(1,571)
751	NORTHWEST ARCTIC BOROUGH SD	109,915	3.11850%	814,177	961,994	(147,817)	1,351	(29,894)
752	BERING STRAIT SD	127,530	3.61827%	944,658	1,116,164	(171,506)	3,432	(34,685)
753	LOWER YUKON SD	91,713	2.60206%	679,346	802,684	(123,338)	5,797	(24,944)
754	LOWER KUSKOKWIM SD	176,650	5.01190%	1,308,507	1,546,071	(237,564)	-	(50,717)
755	KUSPUK SD	20,433	0.57974%	151,357	178,837	(27,479)	-	(5,808)
756	SOUTHWEST REGION SD	39,370	1.11700%	291,627	344,573	(52,946)	-	(12,528)
757	LAKE AND PENINSULA BOROUGH SD	26,922	0.76384%	199,422	235,628	(36,206)	2,149	(7,322)
758	ALEUTIAN REGION SD	3,033	0.08605%	22,465	26,544	(4,079)	152	(825)
759	PRIBILOF SD	4,551	0.12912%	33,710	39,830	(6,120)	379	(1,238)
761	IDITAROD AREA SD	13,841	0.39268%	102,522	121,135	(18,613)	-	(6,841)
762	YUKON / KOYUKUK SD	28,623	0.81209%	212,021	250,514	(38,493)	1,907	(7,785)
763	YUKON FLATS SD	16,591	0.47071%	122,893	145,205	(22,312)	503	(4,512)
764	DENALI BOROUGH SD	12,203	0.34624%	90,395	106,807	(16,412)	-	(4,722)
765	DELTA/GREELY SD	17,703	0.50226%	131,129	154,936	(23,807)	548	(4,815)
766	ALASKA GATEWAY SD	15,344	0.43534%	113,660	134,295	(20,635)	-	(5,632)
767	COPPER RIVER SD	7,784	0.22085%	57,659	68,127	(10,468)	288	(2,117)
768	CHATHAM SD	8,813	0.25003%	65,279	77,130	(11,852)	-	(3,006)
769	SOUTHEAST ISLAND SD	12,718	0.36082%	94,204	111,307	(17,103)	105	(3,459)
770	ANNETTE ISLAND SD	17,635	0.50034%	130,628	154,343	(23,716)	-	(5,578)
771	CHUGACH SD	3,595	0.10200%	26,631	31,466	(4,835)	106	(978)
775	TANANA SD	1,385	0.03929%	10,259	12,121	(1,862)	966	(377)
777	KASHUNAMIUT SD	12,863	0.36494%	95,277	112,575	(17,298)	1,527	(3,498)
778	YUPIIT SD	28,226	0.80082%	209,079	247,038	(37,959)	363	(7,677)
779	SPECIAL EDUCATION SERVICE AGENCY	5,995	0.17010%	44,410	52,472	(8,063)	-	(1,679)
780	ALEUTIANS EAST BOROUGH SD	15,664	0.44441%	116,027	137,092	(21,065)	-	(4,967)
Total		3,524,609	100.00000%	26,108,000	30,848,000	(4,740,000)	44,136	(1,002,748)

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 6/30/2017

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 (7.0% Discount Rate)	Net OPEB Liability 1% Increase Discount Rate (9.0% Discount Rate)	Net OPEB Liability 1% Decrease Trend	Net OPEB Liability 1% Increase Trend
701	ANCHORAGE SD				627,274	(3,051,480)	(3,368,204)	1,171,818
704	CORDOVA CITY SD				4,759	(23,153)	(25,556)	8,891
705	CRAIG CITY SD				5,836	(28,390)	(31,337)	10,902
706	FAIRBANKS NORTH STAR BOROUGH SD				174,586	(849,303)	(937,455)	326,146
707	HAINES BOROUGH SD				6,577	(31,994)	(35,315)	12,286
708	HOONAH CITY SD				3,308	(16,091)	(17,761)	6,179
709	HYDABURG CITY SD				1,484	(7,221)	(7,970)	2,773
710	JUNEAU BOROUGH SD				63,074	(306,835)	(338,682)	117,829
712	KAKE CITY SD				3,787	(18,423)	(20,335)	7,075
714	KETCHIKAN GATEWAY BOROUGH SD				32,151	(156,404)	(172,638)	60,062
717	KLAWOCK CITY SD				2,976	(14,480)	(15,983)	5,560
718	KODIAK ISLAND BOROUGH SD				55,307	(269,051)	(296,977)	103,320
719	NENANA CITY SD				5,975	(29,067)	(32,084)	11,162
720	NOME CITY SD				13,358	(64,984)	(71,728)	24,955
722	MATANUSKA-SUSITNA BOROUGH SD				224,039	(1,089,874)	(1,202,996)	418,529
723	PELICAN CITY SD				365	(1,773)	(1,957)	681
724	PETERSBURG CITY SD				4,752	(23,119)	(25,519)	8,878
727	SITKA BOROUGH SD				21,805	(106,075)	(117,085)	40,735
728	SKAGWAY CITY SD				3,180	(15,471)	(17,077)	5,941
729	UNALASKA CITY SD				6,969	(33,902)	(37,421)	13,019
730	VALDEZ CITY SD				8,914	(43,364)	(47,865)	16,653
731	WRANGELL PUBLIC SD				5,412	(26,326)	(29,059)	10,110
732	YAKUTAT SD				1,329	(6,465)	(7,137)	2,483
733	UNIVERSITY OF ALASKA				46,665	(227,007)	(250,569)	87,174
735	GALENA CITY SD				13,180	(64,119)	(70,774)	24,623
736	NORTH SLOPE BOROUGH SD				61,661	(299,962)	(331,096)	115,190
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)				7,282	(35,425)	(39,102)	13,604
742	BRISTOL BAY BOROUGH SD				2,256	(10,975)	(12,114)	4,215
743	SOUTHEAST REGIONAL RESOURCE CENTER				2,877	(13,993)	(15,446)	5,374
744	DILLINGHAM CITY SD				11,823	(57,517)	(63,487)	22,087
746	KENAI PENINSULA BOROUGH SD				133,481	(649,339)	(716,737)	249,357
748	SAINT MARY'S SD				3,331	(16,202)	(17,884)	6,222
751	NORTHWEST ARCTIC BOROUGH SD				63,368	(308,264)	(340,259)	118,378
752	BERING STRAIT SD				73,523	(357,666)	(394,789)	137,349
753	LOWER YUKON SD				52,874	(257,214)	(283,911)	98,774
754	LOWER KUSKOKWIM SD				101,842	(495,426)	(546,848)	190,252
755	KUSPUK SD				11,780	(57,307)	(63,255)	22,007
756	SOUTHWEST REGION SD				22,698	(110,416)	(121,876)	42,401
757	LAKE AND PENINSULA BOROUGH SD				15,521	(75,505)	(83,342)	28,995
758	ALEUTIAN REGION SD				1,748	(8,506)	(9,389)	3,266
759	PRIBILOF SD				2,624	(12,763)	(14,088)	4,901
761	IDITAROD AREA SD				7,979	(38,817)	(42,846)	14,906
762	YUKON / KOYUKUK SD				16,502	(80,275)	(88,607)	30,827
763	YUKON FLATS SD				9,565	(46,530)	(51,359)	17,868
764	DENALI BOROUGH SD				7,036	(34,226)	(37,778)	13,143
765	DELTA/GREELY SD				10,206	(49,648)	(54,801)	19,066
766	ALASKA GATEWAY SD				8,846	(43,034)	(47,500)	16,526
767	COPPER RIVER SD				4,488	(21,831)	(24,097)	8,383
768	CHATHAM SD				5,081	(24,716)	(27,281)	9,491
769	SOUTHEAST ISLAND SD				7,332	(35,667)	(39,369)	13,697
770	ANNETTE ISLAND SD				10,167	(49,458)	(54,592)	18,993
771	CHUGACH SD				2,073	(10,083)	(11,130)	3,872
775	TANANA SD				798	(3,884)	(4,287)	1,492
777	KASHUNAMIUT SD				7,415	(36,074)	(39,818)	13,853
778	YUPIIT SD				16,273	(79,161)	(87,378)	30,399
779	SPECIAL EDUCATION SERVICE AGENCY				3,456	(16,814)	(18,560)	6,457
780	ALEUTIANS EAST BOROUGH SD				9,030	(43,930)	(48,490)	16,870
Total		118.16%	300,750,000	-1.58%	2,032,000	(9,885,000)	(10,911,000)	3,796,000

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 6/30/2017

Deferred Outflows of Resources

Employer Number	Employer Name	Net OPEB Liability	Employer Proportion	Deferred Outflows of Resources			Total Deferred Outflows	
				Difference Between Expected and Actual Experience	Changes in Assumptions	Changes in Benefits		
701	ANCHORAGE SD	(1,463,229)	30.86980%	-	-	-	6,101	6,101
704	CORDOVA CITY SD	(11,102)	0.23422%	-	-	-	-	-
705	CRAIG CITY SD	(13,614)	0.28721%	-	-	-	128	128
706	FAIRBANKS NORTH STAR BOROUGH SD	(407,253)	8.59184%	-	-	-	-	-
707	HAINES BOROUGH SD	(15,342)	0.32367%	-	-	-	1,231	1,231
708	HOONAH CITY SD	(7,716)	0.16278%	-	-	-	-	-
709	HYDABURG CITY SD	(3,462)	0.07305%	-	-	-	1,564	1,564
710	JUNEAU BOROUGH SD	(147,132)	3.10404%	-	-	-	1,270	1,270
712	KAKE CITY SD	(8,834)	0.18637%	-	-	-	363	363
714	KETCHIKAN GATEWAY BOROUGH SD	(74,998)	1.58224%	-	-	-	1,310	1,310
717	KLAWOCK CITY SD	(6,943)	0.14648%	-	-	-	-	-
718	KODIAK ISLAND BOROUGH SD	(129,014)	2.72181%	-	-	-	-	-
719	NENANA CITY SD	(13,938)	0.29405%	-	-	-	-	-
720	NOME CITY SD	(31,161)	0.65740%	-	-	-	1,486	1,486
722	MATANUSKA-SUSITNA BOROUGH SD	(522,610)	11.02554%	-	-	-	-	-
723	PELICAN CITY SD	(850)	0.01794%	-	-	-	-	-
724	PETERSBURG CITY SD	(11,086)	0.23388%	-	-	-	982	982
727	SITKA BOROUGH SD	(50,865)	1.07309%	-	-	-	-	-
728	SKAGWAY CITY SD	(7,419)	0.15651%	-	-	-	-	-
729	UNALASKA CITY SD	(16,257)	0.34297%	-	-	-	1,501	1,501
730	VALDEZ CITY SD	(20,794)	0.43869%	-	-	-	-	-
731	WRANGELL PUBLIC SD	(12,624)	0.26632%	-	-	-	-	-
732	YAKUTAT SD	(3,100)	0.06541%	-	-	-	-	-
733	UNIVERSITY OF ALASKA	(108,853)	2.29648%	-	-	-	-	-
735	GALENA CITY SD	(30,746)	0.64865%	-	-	-	-	-
736	NORTH SLOPE BOROUGH SD	(143,836)	3.03452%	-	-	-	2,938	2,938
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(16,987)	0.35837%	-	-	-	753	753
742	BRISTOL BAY BOROUGH SD	(5,263)	0.11103%	-	-	-	1,111	1,111
743	SOUTHEAST REGIONAL RESOURCE CENTER	(6,710)	0.14156%	-	-	-	58	58
744	DILLINGHAM CITY SD	(27,580)	0.58186%	-	-	-	3,244	3,244
746	KENAI PENINSULA BOROUGH SD	(311,368)	6.56894%	-	-	-	-	-
748	SAINT MARY'S SD	(7,769)	0.16391%	-	-	-	523	523
751	NORTHWEST ARCTIC BOROUGH SD	(147,817)	3.11850%	-	-	-	1,351	1,351
752	BERING STRAIT SD	(171,506)	3.61827%	-	-	-	3,432	3,432
753	LOWER YUKON SD	(123,338)	2.60206%	-	-	-	5,797	5,797
754	LOWER KUSKOKWIM SD	(237,564)	5.01190%	-	-	-	-	-
755	KUSPUK SD	(27,479)	0.57974%	-	-	-	-	-
756	SOUTHWEST REGION SD	(52,946)	1.11700%	-	-	-	-	-
757	LAKE AND PENINSULA BOROUGH SD	(36,206)	0.76384%	-	-	-	2,149	2,149
758	ALEUTIAN REGION SD	(4,079)	0.08605%	-	-	-	152	152
759	PRIBILOF SD	(6,120)	0.12912%	-	-	-	379	379
761	IDITAROD AREA SD	(18,613)	0.39268%	-	-	-	-	-
762	YUKON / KOYUKUK SD	(38,493)	0.81209%	-	-	-	1,907	1,907
763	YUKON FLATS SD	(22,312)	0.47071%	-	-	-	503	503
764	DENALI BOROUGH SD	(16,412)	0.34624%	-	-	-	-	-
765	DELTA/GREELY SD	(23,807)	0.50226%	-	-	-	548	548
766	ALASKA GATEWAY SD	(20,635)	0.43534%	-	-	-	-	-
767	COPPER RIVER SD	(10,468)	0.22085%	-	-	-	288	288
768	CHATHAM SD	(11,852)	0.25003%	-	-	-	-	-
769	SOUTHEAST ISLAND SD	(17,103)	0.36082%	-	-	-	105	105
770	ANNETTE ISLAND SD	(23,716)	0.50034%	-	-	-	-	-
771	CHUGACH SD	(4,835)	0.10200%	-	-	-	106	106
775	TANANA SD	(1,862)	0.03929%	-	-	-	966	966
777	KASHUNAMIUT SD	(17,298)	0.36494%	-	-	-	1,527	1,527
778	YUPIIT SD	(37,959)	0.80082%	-	-	-	363	363
779	SPECIAL EDUCATION SERVICE AGENCY	(8,063)	0.17010%	-	-	-	-	-
780	ALEUTIANS EAST BOROUGH SD	(21,065)	0.44441%	-	-	-	-	-
Total		(4,740,000)	100.00000%	-	-	-	44,136	44,136

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 6/30/2017

Employer Number	Employer Name	Deferred Inflows of Resources					
		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
701	ANCHORAGE SD	(559)	-	-	(295,362)	-	(295,921)
704	CORDOVA CITY SD	(4)	-	-	(2,241)	(965)	(3,210)
705	CRAIG CITY SD	(5)	-	-	(2,748)	-	(2,753)
706	FAIRBANKS NORTH STAR BOROUGH SD	(156)	-	-	(82,207)	(4,675)	(87,037)
707	HAINES BOROUGH SD	(6)	-	-	(3,097)	-	(3,103)
708	HOONAH CITY SD	(3)	-	-	(1,557)	(1,038)	(2,598)
709	HYDABURG CITY SD	(1)	-	-	(699)	-	(700)
710	JUNEAU BOROUGH SD	(56)	-	-	(29,699)	-	(29,756)
712	KAKE CITY SD	(3)	-	-	(1,783)	-	(1,787)
714	KETCHIKAN GATEWAY BOROUGH SD	(29)	-	-	(15,139)	-	(15,168)
717	KLAWOCK CITY SD	(3)	-	-	(1,402)	(698)	(2,103)
718	KODIAK ISLAND BOROUGH SD	(49)	-	-	(26,042)	(4,358)	(30,449)
719	NENANA CITY SD	(5)	-	-	(2,813)	(770)	(3,589)
720	NOME CITY SD	(12)	-	-	(6,290)	-	(6,302)
722	MATANUSKA-SUSITNA BOROUGH SD	(200)	-	-	(105,492)	(10,286)	(115,978)
723	PELICAN CITY SD	(0)	-	-	(172)	(32)	(204)
724	PETERSBURG CITY SD	(4)	-	-	(2,238)	-	(2,242)
727	SITKA BOROUGH SD	(19)	-	-	(10,267)	(492)	(10,779)
728	SKAGWAY CITY SD	(3)	-	-	(1,497)	(1,073)	(2,573)
729	UNALASKA CITY SD	(6)	-	-	(3,281)	-	(3,288)
730	VALDEZ CITY SD	(8)	-	-	(4,197)	(3,080)	(7,285)
731	WRANGELL PUBLIC SD	(5)	-	-	(2,548)	(371)	(2,924)
732	YAKUTAT SD	(1)	-	-	(626)	(773)	(1,400)
733	UNIVERSITY OF ALASKA	(42)	-	-	(21,973)	(513)	(22,527)
735	GALENA CITY SD	(12)	-	-	(6,206)	(960)	(7,178)
736	NORTH SLOPE BOROUGH SD	(55)	-	-	(29,034)	-	(29,089)
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(6)	-	-	(3,429)	-	(3,435)
742	BRISTOL BAY BOROUGH SD	(2)	-	-	(1,062)	-	(1,064)
743	SOUTHEAST REGIONAL RESOURCE CENTER	(3)	-	-	(1,354)	-	(1,357)
744	DILLINGHAM CITY SD	(11)	-	-	(5,567)	-	(5,578)
746	KENAI PENINSULA BOROUGH SD	(119)	-	-	(62,852)	(1,226)	(64,197)
748	SAINT MARY'S SD	(3)	-	-	(1,568)	-	(1,571)
751	NORTHWEST ARCTIC BOROUGH SD	(56)	-	-	(29,838)	-	(29,894)
752	BERING STRAIT SD	(66)	-	-	(34,620)	-	(34,685)
753	LOWER YUKON SD	(47)	-	-	(24,897)	-	(24,944)
754	LOWER KUSKOKWIM SD	(91)	-	-	(47,954)	(2,672)	(50,717)
755	KUSPUK SD	(11)	-	-	(5,547)	(251)	(5,808)
756	SOUTHWEST REGION SD	(20)	-	-	(10,687)	(1,820)	(12,528)
757	LAKE AND PENINSULA BOROUGH SD	(14)	-	-	(7,308)	-	(7,322)
758	ALEUTIAN REGION SD	(2)	-	-	(823)	-	(825)
759	PRIBILOF SD	(2)	-	-	(1,235)	-	(1,238)
761	IDITAROD AREA SD	(7)	-	-	(3,757)	(3,077)	(6,841)
762	YUKON / KOYUKUK SD	(15)	-	-	(7,770)	-	(7,785)
763	YUKON FLATS SD	(9)	-	-	(4,504)	-	(4,512)
764	DENALI BOROUGH SD	(6)	-	-	(3,313)	(1,403)	(4,722)
765	DELTA/GREELY SD	(9)	-	-	(4,806)	-	(4,815)
766	ALASKA GATEWAY SD	(8)	-	-	(4,165)	(1,459)	(5,632)
767	COPPER RIVER SD	(4)	-	-	(2,113)	-	(2,117)
768	CHATHAM SD	(5)	-	-	(2,392)	(609)	(3,006)
769	SOUTHEAST ISLAND SD	(7)	-	-	(3,452)	-	(3,459)
770	ANNETTE ISLAND SD	(9)	-	-	(4,787)	(781)	(5,578)
771	CHUGACH SD	(2)	-	-	(976)	-	(978)
775	TANANA SD	(1)	-	-	(376)	-	(377)
777	KASHUNAMIUT SD	(7)	-	-	(3,492)	-	(3,498)
778	YUPIIT SD	(15)	-	-	(7,662)	-	(7,677)
779	SPECIAL EDUCATION SERVICE AGENCY	(3)	-	-	(1,628)	(48)	(1,679)
780	ALEUTIANS EAST BOROUGH SD	(8)	-	-	(4,252)	(707)	(4,967)
Total		(1,811)	-	-	(956,800)	(44,137)	(1,002,748)

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 6/30/2017

OPEB Expense Recognized

Employer Number	Employer Name	Proportionate Share of OPEB Plan Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions	Total
701	ANCHORAGE SD	724,086	635	724,721
704	CORDOVA CITY SD	5,494	(101)	5,393
705	CRAIG CITY SD	6,737	13	6,750
706	FAIRBANKS NORTH STAR BOROUGH SD	201,531	(487)	201,044
707	HAINES BOROUGH SD	7,592	128	7,720
708	HOONAH CITY SD	3,818	(108)	3,710
709	HYDABURG CITY SD	1,713	163	1,876
710	JUNEAU BOROUGH SD	72,809	132	72,941
712	KAKE CITY SD	4,372	38	4,409
714	KETCHIKAN GATEWAY BOROUGH SD	37,113	136	37,250
717	KLAWOCK CITY SD	3,436	(73)	3,363
718	KODIAK ISLAND BOROUGH SD	63,843	(454)	63,389
719	NENANA CITY SD	6,897	(80)	6,817
720	NOME CITY SD	15,420	155	15,575
722	MATANUSKA-SUSITNA BOROUGH SD	258,616	(1,071)	257,545
723	PELICAN CITY SD	421	(3)	417
724	PETERSBURG CITY SD	5,486	102	5,588
727	SITKA BOROUGH SD	25,171	(51)	25,119
728	SKAGWAY CITY SD	3,671	(112)	3,559
729	UNALASKA CITY SD	8,045	156	8,201
730	VALDEZ CITY SD	10,290	(321)	9,969
731	WRANGELL PUBLIC SD	6,247	(39)	6,208
732	YAKUTAT SD	1,534	(81)	1,454
733	UNIVERSITY OF ALASKA	53,867	(53)	53,813
735	GALENA CITY SD	15,215	(100)	15,115
736	NORTH SLOPE BOROUGH SD	71,178	306	71,484
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	8,406	78	8,484
742	BRISTOL BAY BOROUGH SD	2,604	116	2,720
743	SOUTHEAST REGIONAL RESOURCE CENTER	3,321	6	3,327
744	DILLINGHAM CITY SD	13,648	338	13,986
746	KENAI PENINSULA BOROUGH SD	154,082	(128)	153,954
748	SAINT MARY'S SD	3,845	55	3,899
751	NORTHWEST ARCTIC BOROUGH SD	73,148	141	73,289
752	BERING STRAIT SD	84,871	357	85,228
753	LOWER YUKON SD	61,034	604	61,638
754	LOWER KUSKOKWIM SD	117,560	(278)	117,281
755	KUSPUK SD	13,598	(26)	13,572
756	SOUTHWEST REGION SD	26,201	(190)	26,011
757	LAKE AND PENINSULA BOROUGH SD	17,917	224	18,140
758	ALEUTIAN REGION SD	2,018	16	2,034
759	PRIBILOF SD	3,029	39	3,068
761	IDITAROD AREA SD	9,211	(320)	8,890
762	YUKON / KOYUKUK SD	19,049	199	19,247
763	YUKON FLATS SD	11,041	52	11,093
764	DENALI BOROUGH SD	8,121	(146)	7,975
765	DELTA/GREELY SD	11,781	57	11,838
766	ALASKA GATEWAY SD	10,211	(152)	10,060
767	COPPER RIVER SD	5,180	30	5,210
768	CHATHAM SD	5,865	(63)	5,801
769	SOUTHEAST ISLAND SD	8,463	11	8,474
770	ANNETTE ISLAND SD	11,736	(81)	11,655
771	CHUGACH SD	2,393	11	2,404
775	TANANA SD	922	101	1,022
777	KASHUNAMIUT SD	8,560	159	8,719
778	YUPIIT SD	18,784	38	18,822
779	SPECIAL EDUCATION SERVICE AGENCY	3,990	(5)	3,985
780	ALEUTIANS EAST BOROUGH SD	10,424	(74)	10,351
Total		2,345,611	(0)	2,345,611

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

State of Alaska Teachers' Retirement System DCR - Retiree Medical
 Schedule D - Employers' Allocation of Recognition of Deferred Outflows/Inflows as of 6/30/2017

Employer Number	Employer Name	FY2018	FY2019	FY2020	FY2021	FY2022	Thereafter
701	ANCHORAGE SD	(73,263)	(73,263)	(73,263)	(73,263)	577	2,655
704	CORDOVA CITY SD	(661)	(661)	(661)	(661)	(101)	(464)
705	CRAIG CITY SD	(674)	(674)	(674)	(674)	13	59
706	FAIRBANKS NORTH STAR BOROUGH SD	(21,055)	(21,055)	(21,055)	(21,055)	(503)	(2,315)
707	HAINES BOROUGH SD	(647)	(647)	(647)	(647)	128	587
708	HOONAH CITY SD	(498)	(498)	(498)	(498)	(108)	(499)
709	HYDABURG CITY SD	(12)	(12)	(12)	(12)	163	749
710	JUNEAU BOROUGH SD	(7,298)	(7,298)	(7,298)	(7,298)	126	582
712	KAKE CITY SD	(408)	(408)	(408)	(408)	37	172
714	KETCHIKAN GATEWAY BOROUGH SD	(3,651)	(3,651)	(3,651)	(3,651)	133	614
717	KLAWOCK CITY SD	(423)	(423)	(423)	(423)	(73)	(336)
718	KODIAK ISLAND BOROUGH SD	(6,970)	(6,970)	(6,970)	(6,970)	(459)	(2,112)
719	NENANA CITY SD	(784)	(784)	(784)	(784)	(81)	(372)
720	NOME CITY SD	(1,419)	(1,419)	(1,419)	(1,419)	154	706
722	MATANUSKA-SUSITNA BOROUGH SD	(27,465)	(27,465)	(27,465)	(27,465)	(1,092)	(5,025)
723	PELICAN CITY SD	(46)	(46)	(46)	(46)	(3)	(15)
724	PETERSBURG CITY SD	(458)	(458)	(458)	(458)	102	469
727	SITKA BOROUGH SD	(2,620)	(2,620)	(2,620)	(2,620)	(53)	(245)
728	SKAGWAY CITY SD	(486)	(486)	(486)	(486)	(112)	(515)
729	UNALASKA CITY SD	(665)	(665)	(665)	(665)	156	716
730	VALDEZ CITY SD	(1,371)	(1,371)	(1,371)	(1,371)	(322)	(1,480)
731	WRANGELL PUBLIC SD	(676)	(676)	(676)	(676)	(39)	(180)
732	YAKUTAT SD	(237)	(237)	(237)	(237)	(81)	(371)
733	UNIVERSITY OF ALASKA	(5,551)	(5,551)	(5,551)	(5,551)	(58)	(266)
735	GALENA CITY SD	(1,653)	(1,653)	(1,653)	(1,653)	(101)	(466)
736	NORTH SLOPE BOROUGH SD	(6,958)	(6,958)	(6,958)	(6,958)	300	1,381
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(779)	(779)	(779)	(779)	78	358
742	BRISTOL BAY BOROUGH SD	(150)	(150)	(150)	(150)	116	532
743	SOUTHEAST REGIONAL RESOURCE CENTER	(333)	(333)	(333)	(333)	6	27
744	DILLINGHAM CITY SD	(1,055)	(1,055)	(1,055)	(1,055)	337	1,549
746	KENAI PENINSULA BOROUGH SD	(15,853)	(15,853)	(15,853)	(15,853)	(140)	(645)
748	SAINT MARY'S SD	(338)	(338)	(338)	(338)	54	249
751	NORTHWEST ARCTIC BOROUGH SD	(7,325)	(7,325)	(7,325)	(7,325)	135	620
752	BERING STRAIT SD	(8,304)	(8,304)	(8,304)	(8,304)	351	1,613
753	LOWER YUKON SD	(5,625)	(5,625)	(5,625)	(5,625)	599	2,755
754	LOWER KUSKOKWIM SD	(12,276)	(12,276)	(12,276)	(12,276)	(288)	(1,324)
755	KUSPUK SD	(1,414)	(1,414)	(1,414)	(1,414)	(27)	(125)
756	SOUTHWEST REGION SD	(2,864)	(2,864)	(2,864)	(2,864)	(192)	(882)
757	LAKE AND PENINSULA BOROUGH SD	(1,605)	(1,605)	(1,605)	(1,605)	222	1,023
758	ALEUTIAN REGION SD	(190)	(190)	(190)	(190)	16	72
759	PRIBILOF SD	(270)	(270)	(270)	(270)	39	181
761	IDITAROD AREA SD	(1,261)	(1,261)	(1,261)	(1,261)	(321)	(1,478)
762	YUKON / KOYUKUK SD	(1,745)	(1,745)	(1,745)	(1,745)	197	907
763	YUKON FLATS SD	(1,074)	(1,074)	(1,074)	(1,074)	51	237
764	DENALI BOROUGH SD	(975)	(975)	(975)	(975)	(147)	(675)
765	DELTA/GREELY SD	(1,145)	(1,145)	(1,145)	(1,145)	56	258
766	ALASKA GATEWAY SD	(1,194)	(1,194)	(1,194)	(1,194)	(153)	(703)
767	COPPER RIVER SD	(499)	(499)	(499)	(499)	30	136
768	CHATHAM SD	(662)	(662)	(662)	(662)	(64)	(294)
769	SOUTHEAST ISLAND SD	(853)	(853)	(853)	(853)	10	47
770	ANNETTE ISLAND SD	(1,279)	(1,279)	(1,279)	(1,279)	(82)	(379)
771	CHUGACH SD	(233)	(233)	(233)	(233)	11	50
775	TANANA SD	7	7	7	7	101	462
777	KASHUNAMIUT SD	(715)	(715)	(715)	(715)	158	728
778	YUPIIT SD	(1,879)	(1,879)	(1,879)	(1,879)	36	167
779	SPECIAL EDUCATION SERVICE AGENCY	(412)	(412)	(412)	(412)	(5)	(25)
780	ALEUTIANS EAST BOROUGH SD	(1,137)	(1,137)	(1,137)	(1,137)	(74)	(342)
Total		(239,389)	(239,389)	(239,389)	(239,389)	(189)	(866)

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

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

Employer Number	Employer Name	FY2017	FY2016
701	ANCHORAGE SD	1,088,039.80	1,966,071.62
704	CORDOVA CITY SD	8,255.33	12,207.40
705	CRAIG CITY SD	10,122.92	18,484.20
706	FAIRBANKS NORTH STAR BOROUGH SD	302,828.59	530,129.19
707	HAINES BOROUGH SD	11,408.00	23,741.41
708	HOONAH CITY SD	5,737.35	7,499.45
709	HYDABURG CITY SD	2,574.66	8,805.03
710	JUNEAU BOROUGH SD	109,405.37	199,453.65
712	KAKE CITY SD	6,568.85	12,743.81
714	KETCHIKAN GATEWAY BOROUGH SD	55,767.68	103,444.10
717	KLAWOCK CITY SD	5,162.87	7,379.93
718	KODIAK ISLAND BOROUGH SD	95,933.16	160,230.36
719	NENANA CITY SD	10,364.11	16,508.41
720	NOME CITY SD	23,170.63	45,503.01
722	MATANUSKA-SUSITNA BOROUGH SD	388,607.07	668,802.94
723	PELICAN CITY SD	632.30	1,047.50
724	PETERSBURG CITY SD	8,243.35	17,403.83
727	SITKA BOROUGH SD	37,822.30	66,458.33
728	SKAGWAY CITY SD	5,516.35	7,009.98
729	UNALASKA CITY SD	12,088.19	25,684.16
730	VALDEZ CITY SD	15,462.02	19,453.19
731	WRANGELL PUBLIC SD	9,386.91	15,827.26
732	YAKUTAT SD	2,305.33	2,058.33
733	UNIVERSITY OF ALASKA	80,942.03	143,671.13
735	GALENA CITY SD	22,862.21	38,395.82
736	NORTH SLOPE BOROUGH SD	106,954.90	199,531.89
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	12,631.14	26,129.83
742	BRISTOL BAY BOROUGH SD	3,913.24	9,990.53
743	SOUTHEAST REGIONAL RESOURCE CENTER	4,989.54	9,097.68
744	DILLINGHAM CITY SD	20,508.29	45,442.40
746	KENAI PENINSULA BOROUGH SD	231,529.28	411,605.24
748	SAINT MARY'S SD	5,777.11	11,754.55
751	NORTHWEST ARCTIC BOROUGH SD	109,914.85	200,582.91
752	BERING STRAIT SD	127,529.83	237,724.03
753	LOWER YUKON SD	91,712.51	179,879.35
754	LOWER KUSKOKWIM SD	176,649.84	309,388.67
755	KUSPUK SD	20,433.40	35,943.70
756	SOUTHWEST REGION SD	39,370.03	65,671.61
757	LAKE AND PENINSULA BOROUGH SD	26,922.20	54,003.22
758	ALEUTIAN REGION SD	3,032.80	5,841.23
759	PRIBILOF SD	4,550.86	9,170.92
761	IDITAROD AREA SD	13,840.57	16,556.73
762	YUKON / KOYUKUK SD	28,623.07	56,402.87
763	YUKON FLATS SD	16,590.74	31,076.59
764	DENALI BOROUGH SD	12,203.49	18,108.92
765	DELTA/GREELY SD	17,702.56	33,190.72
766	ALASKA GATEWAY SD	15,344.18	23,587.38
767	COPPER RIVER SD	7,784.05	14,721.22
768	CHATHAM SD	8,812.68	14,159.69
769	SOUTHEAST ISLAND SD	12,717.58	23,071.10
770	ANNETTE ISLAND SD	17,634.86	29,507.27
771	CHUGACH SD	3,595.22	6,726.53
775	TANANA SD	1,384.93	5,069.18
777	KASHUNAMIUT SD	12,862.55	27,141.06
778	YUPIIT SD	28,225.88	51,553.67
779	SPECIAL EDUCATION SERVICE AGENCY	5,995.36	10,614.33
780	ALEUTIANS EAST BOROUGH SD	15,663.81	26,175.25
Total		3,524,608.73	6,317,434.31

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

		FY2015	FY2014	FY2013	FY2012
Total	Total Plan Contributions	5,670,000	1,181,000	1,101,000	1,160,000

		FY2011	FY2010	FY2009	FY2008
Total	Total Plan Contributions	1,154,000	1,421,000	992,000	651,000