

State of Alaska

Teachers' Retirement System

Information Required Under Governmental Accounting Standards Board Statement No. 68 as of June 30, 2017

March 2018



David J. Kershner
Principal, Wealth
David.Kershner@conduent.com
602.803.6174

March 7, 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 68 Report as of June 30, 2017 - TRS

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. 68 (GASB 68) for the State of Alaska Teachers' Retirement System (TRS) for fiscal year ending June 30, 2018 based on a measurement date of June 30, 2017. Under GASB 68, accounting information prepared under GASB 67 as of June 30, 2017 (as previously provided) serves as the basis for these disclosures, which may be used for financial reporting for the fiscal year ending June 30, 2018. Please refer to the GASB 67 report dated November 17, 2017 for any supplemental information or documentation.

This report covers the pension portion of the defined benefit pension plan and the assets and liabilities of TRS.

I certify that the information contained in this report has been prepared in accordance with generally accepted actuarial principles and practices. To the best of my knowledge, the information fairly presents the actuarial position of TRS in accordance with the requirements of GASB 68 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. 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. Conduent will accept no liability for any such statement, document or filing made without prior review by Conduent.

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. An analysis of the potential range of such future differences is beyond the scope of this valuation.

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, except as noted herein. We rolled forward the liabilities from that date to June 30, 2017, as GASB 68 permits. In my opinion, the actuarial assumptions used are appropriate for purposes of the valuation and are reasonably related to the experience of TRS and to reasonable long-term expectations.

This report was prepared under my supervision and in accordance with all applicable Actuarial Standards of Practice. David Kershner is a Fellow of the Society of Actuaries, an Enrolled Actuary, a Member of the American Academy of Actuaries and a Fellow of the Conference of Consulting Actuaries. I meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

I am available to discuss this report with you at your convenience.

Respectfully submitted,



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

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Section 1 – GASB 68 Information

Pension Expense

	FYE June 30, 2017	FYE June 30, 2016
Service cost	\$ 68,376,000	\$ 61,011,000
Interest cost	559,165,000	550,392,000
Expected return on assets	(388,625,000)	(409,499,000)
Current period effect of benefit changes	0	0
Current period difference between expected and actual experience	(34,608,947)	(26,515,238)
Current period effect of changes in assumptions	0	0
Current period difference between projected and actual investment earnings	(47,911,800)	88,167,800
Member contributions	(39,878,000)	(42,654,000)
Administrative expenses	2,890,000	2,648,000
Service purchases and plan transfers	0	0
Current period recognition of prior years' deferred outflows of resources	139,005,038	118,060,381
Current period recognition of prior years' deferred inflows of resources	(93,721,940)	(69,646,693)
Other Additions Less Other Deductions	<u>(10,000)</u>	<u>(95,000)</u>
Total	\$ 164,680,351	\$ 271,869,250

The employers' allocation of the pension 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:

- 1.9 years as of June 30, 2016 (for FYE June 30, 2017)
- 2.1 years as of June 30, 2015 (for FYE June 30, 2016)

Actuarial Assumptions

The total pension 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 Pension Liability

The employers' allocations of net pension 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. These amounts include recognition of the deferred outflows/inflows that occurred in FY2014 - FY2017.

Allocation Methodology

Amounts for FY2014 and FY2013 were allocated to employers based on actual contributions made in FY2014 and FY2013, respectively.

Amounts for FY2015 were allocated to employers based on the present value of contributions for FY2017-FY2039, as determined by projections based on the June 30, 2014 valuation.

Amounts for FY2016 were allocated to employers based on the present value of contributions for FY2018-FY2039, as determined by projections based on the June 30, 2015 valuation.

Amounts for FY2017 were allocated to employers based on the present value of contributions for FY2019-FY2039, as determined by projections based on the June 30, 2016 valuation.

Section 2 – Actuarial Assumptions and Methods

The funding method used in this valuation was adopted by the Board in October 2006. Changes in the amortization of unfunded actuarial accrued liability were made in 2014. The asset smoothing method used to determine valuation assets was changed effective June 30, 2014.

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 – Entry Age Normal

Liabilities and contributions shown in the report are computed using the Entry Age Normal Actuarial Cost method. Any funding surplus or unfunded accrued liability is amortized over a closed 25-year period (established June 30, 2014) as a level percentage of payroll amount. State statutes allow the contribution rate to be determined on payroll for all members, defined benefit and defined contribution member payroll combined. However, for GASB disclosure requirements, the net amortization period will not exceed 30 years and the level dollar amortization method is used since the defined benefit plan membership was closed effective July 1, 2006.

Projected pension benefits were determined for all active members. Cost factors designed to produce annual costs as a constant percentage of each member's expected compensation in each year for pension benefits from the assumed entry age to the assumed retirement age 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 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 retired members and their beneficiaries currently receiving benefits, terminated vested members and disabled members not yet receiving benefits 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

The actuarial asset value was reinitialized to equal Fair Value of Assets as of June 30, 2014. Beginning in 2015, the asset value method recognizes 20% of the gain or loss each year, for a period of 5 years. 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.

Changes in Methods Since 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. These assumptions were adopted by the Board in December 2014. These assumptions were the result of an experience study performed 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 non-occupational causes 85% 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.
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. Post-disability mortality in accordance with the RP-2000 Disabled Retiree Mortality Table, 2000 Base Year, projected to 2018 with Projection Scale BB.
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.
Dependent Children	Benefits to dependent children have been valued assuming members who are married and between the ages of 25 and 45 have two dependent children.
Contribution Refunds	5% of terminating members with vested benefits are assumed to have their contributions refunded. 100% of those with non-vested benefits are assumed to have their contributions refunded.

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

COLA	Of those benefit recipients who are eligible for the COLA, 60% are assumed to remain in Alaska and receive the COLA.
Sick Leave	4.5 days of unused sick leave for each year of service are assumed to be available to be credited once the member is retired, terminates or dies.
Postretirement Pension Adjustment	50% and 75% of assumed inflation, or 1.56% and 2.34% respectively, is valued for the annual automatic Postretirement Pension Adjustment (PRPA) as specified in the statute.
Expenses	The investment return assumption is net of all expenses.
Part-time Status	Part-time employees are assumed to earn 0.75 years of credited service per year.
Re-employment Option	We assume all re-employed retirees return to work under the Standard Option.
Service	Total credited service is provided by the State. We assume that this service is the only service that should be used to calculate benefits. Additionally, the State provides claimed service (including Bureau of Indian Affairs Service). Claimed service is used for vesting and eligibility purposes as described in Section 2.1.
Final Average Earnings	Final Average Earnings is provided on the data for active members. This amount is used as a minimum in the calculation of the average earnings in the future.

Table 1
Alaska TRS

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

Mortality Table (Pre-termination)

Age	Male	Female	Age	Male	Female
20	0.000182	0.000098	53	0.001295	0.000855
21	0.000191	0.000101	54	0.001483	0.000908
22	0.000200	0.000104	55	0.001615	0.000985
23	0.000209	0.000105	56	0.001766	0.001054
24	0.000216	0.000105	57	0.001901	0.001132
25	0.000222	0.000106	58	0.002117	0.001221
26	0.000226	0.000107	59	0.002409	0.001344
27	0.000228	0.000109	60	0.002643	0.001501
28	0.000228	0.000111	61	0.002917	0.001659
29	0.000229	0.000114	62	0.003229	0.001837
30	0.000231	0.000118	63	0.003599	0.002080
31	0.000238	0.000123	64	0.004021	0.002367
32	0.000249	0.000130	65	0.004504	0.002723
33	0.000269	0.000137	66	0.005057	0.003118
34	0.000302	0.000146	67	0.005594	0.003582
35	0.000340	0.000169	68	0.006202	0.004036
36	0.000382	0.000193	69	0.007017	0.004546
37	0.000425	0.000217	70	0.007828	0.005130
38	0.000468	0.000240	71	0.008702	0.005696
39	0.000509	0.000262	72	0.009643	0.006297
40	0.000547	0.000283	73	0.010813	0.006959
41	0.000584	0.000305	74	0.011964	0.007841
42	0.000618	0.000330	75	0.013285	0.008701
43	0.000653	0.000357	76	0.014797	0.009678
44	0.000692	0.000389	77	0.016508	0.010757
45	0.000736	0.000427	78	0.018423	0.011923
46	0.000787	0.000470	79	0.020534	0.013163
47	0.000846	0.000517	80	0.022841	0.014502
48	0.000913	0.000567	81	0.025382	0.015972
49	0.000979	0.000620	82	0.028208	0.017607
50	0.001050	0.000674	83	0.031344	0.019438
51	0.001126	0.000731	84	0.035081	0.021486
52	0.001208	0.000791	85	0.039193	0.023782

**Table 3
Alaska TRS**

Mortality Table (Post-termination)

Age	Male	Female	Age	Male	Female
50	0.001544	0.001124	85	0.057637	0.039636
51	0.001656	0.001219	86	0.064248	0.043940
52	0.001777	0.001318	87	0.072770	0.048789
53	0.001904	0.001424	88	0.082264	0.054261
54	0.002181	0.001513	89	0.092884	0.060450
55	0.002375	0.001641	90	0.104794	0.068659
56	0.002597	0.001756	91	0.118129	0.077983
57	0.002795	0.001887	92	0.132941	0.088452
58	0.003113	0.002035	93	0.149196	0.100021
59	0.003543	0.002240	94	0.165479	0.112560
60	0.003887	0.002501	95	0.182705	0.125866
61	0.004289	0.002765	96	0.200693	0.139699
62	0.004749	0.003062	97	0.219249	0.153813
63	0.005293	0.003466	98	0.233940	0.164973
64	0.005913	0.003946	99	0.252821	0.178741
65	0.006624	0.004538	100	0.267022	0.188730
66	0.007436	0.005196	101	0.285888	0.201393
67	0.008227	0.005970	102	0.299408	0.209540
68	0.009121	0.006727	103	0.318102	0.220440
69	0.010318	0.007576	104	0.331094	0.226232
70	0.011511	0.008550	105	0.349384	0.237489
71	0.012798	0.009494	106	0.360058	0.246863
72	0.014180	0.010494	107	0.368483	0.258063
73	0.015902	0.011599	108	0.374013	0.270683
74	0.017595	0.013068	109	0.376000	0.284323
75	0.019536	0.014502	110	0.376000	0.298577
76	0.021760	0.016130	111	0.376000	0.313043
77	0.024276	0.017929	112	0.376000	0.327318
78	0.027093	0.019871	113	0.376000	0.340998
79	0.030198	0.021938	114	0.376000	0.353678
80	0.033590	0.024170	115	0.376000	0.364959
81	0.037326	0.026620	116	0.376000	0.374435
82	0.041482	0.029345	117	0.376000	0.381702
83	0.046095	0.032397	118	0.376000	0.386359
84	0.051589	0.035811	119	0.376000	0.388000

**Table 4
Alaska TRS**

**Turnover Assumptions
Select Rates of Turnover During the First 8 Years of Employment**

Service	Female	Male
0	0.170	0.204
1	0.170	0.204
2	0.140	0.168
3	0.120	0.144
4	0.100	0.120
5	0.090	0.108
6	0.075	0.090
7	0.060	0.072

Ultimate Rates of Turnover After the First 8 Years of Employment

Age	Female	Male	Age	Female	Male
15	0.037185	0.031209	40	0.036224	0.030159
16	0.037157	0.031170	41	0.036155	0.030085
17	0.037138	0.031138	42	0.036086	0.030010
18	0.037129	0.031107	43	0.035976	0.029866
19	0.037120	0.031091	44	0.035867	0.029721
20	0.036848	0.030847	45	0.035757	0.029577
21	0.036848	0.030831	46	0.035648	0.029432
22	0.036839	0.030799	47	0.035538	0.029288
23	0.036839	0.030776	48	0.035380	0.029046
24	0.036830	0.030736	49	0.035221	0.028805
25	0.036830	0.030705	50	0.035063	0.028563
26	0.036820	0.030673	51	0.034847	0.028248
27	0.036762	0.030642	52	0.034595	0.027878
28	0.041480	0.030610	53	0.034296	0.027468
29	0.046198	0.030579	54	0.059961	0.046305
30	0.050917	0.030555	55	0.059285	0.045414
31	0.055635	0.030540	56	0.058410	0.044334
32	0.060353	0.030516	57	0.057288	0.043012
33	0.055569	0.030500	58	0.056018	0.041567
34	0.050784	0.030455	59	0.054401	0.039826
35	0.046000	0.030431	60	0.052569	0.037868
36	0.041215	0.030407	61	0.050523	0.035694
37	0.036431	0.030383	62	0.048197	0.033170
38	0.036362	0.030308	63	0.045540	0.030294
39	0.036293	0.030234	64	0.042653	0.027176
			65+	0.066000	0.054000

Table 5
Alaska TRS

Disability Table

Age	Unisex
20	0.000560
21	0.000563
22	0.000565
23	0.000574
24	0.000583
25	0.000593
26	0.000602
27	0.000611
28	0.000611
29	0.000612
30	0.000612
31	0.000613
32	0.000613
33	0.000622
34	0.000631
35	0.000641
36	0.000650
37	0.000659
38	0.000674
39	0.000689
40	0.000703
41	0.000718
42	0.000733
43	0.000770
44	0.000806
45	0.000843
46	0.000879
47	0.000916
48	0.000975
49	0.001034
50	0.001093
51	0.001152
52	0.001211
53	0.001356
54	0.001501

**Table 6
Alaska TRS**

Retirement Table

Age	Reduced	Unreduced	
	Unisex	Male	Female
< 45	N/A	0.03	0.03
46	N/A	0.05	0.05
47	N/A	0.05	0.08
48	N/A	0.05	0.08
49	N/A	0.05	0.08
50	0.08	0.05	0.13
51	0.08	0.08	0.12
52	0.08	0.15	0.12
53	0.08	0.15	0.13
54	0.16	0.15	0.14
55	0.08	0.20	0.16
56	0.08	0.17	0.16
57	0.08	0.15	0.16
58	0.08	0.20	0.16
59	0.16	0.20	0.22
60	N/A	0.25	0.22
61	N/A	0.18	0.22
62	N/A	0.18	0.20
63	N/A	0.18	0.20
64	N/A	0.18	0.25
65	N/A	0.30	0.20
66	N/A	0.25	0.20
67	N/A	0.25	0.20
68	N/A	0.25	0.25
69	N/A	0.35	0.25
70	N/A	0.30	0.25
71	N/A	0.30	0.35
72	N/A	0.30	0.35
73	N/A	0.30	0.35
74	N/A	0.30	0.35
75 – 84	N/A	0.50	
85+	N/A	1.00	

Changes in Actuarial Assumptions Since the Prior Valuation

There have been no changes in actuarial assumptions since the prior valuation.

Section 3 – Summary of Plan Provisions

1. **Effective Date**

July 1, 1955, with amendments through June 30, 2016. Chapter 97, 1990 Session Laws of Alaska, created a two-tier retirement system. Members who were first hired under TRS before July 1, 1990 (Tier 1) are eligible for different benefits than members hired after June 30, 1990 (Tier 2). Chapter 9, 2005 Session Laws of Alaska, closed the plan to new members hired after June 30, 2006.

2. **Administration of Plan**

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

Prior to June 30, 2005, the Teachers' Retirement Board prescribed policies and adopted regulations and performed other activities necessary to carry out the provisions of the system. The Alaska State Pension Investment Board, Department of Revenue, Treasury Division was responsible for investing TRS funds.

On July 27, 2005, Senate Bill 141, enacted as Chapter 9, 2005 Session laws of Alaska, replaced the Teachers' Retirement Board and the Alaska State Pension Investment Board with the Alaska Retirement Management Board.

3. **Employers Included**

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

4. **Membership**

Membership in TRS is mandatory for the following employees hired before July 1, 2006:

- certificated full-time and part-time elementary and secondary teachers, certificated school nurses, and certificated employees in positions requiring teaching certificates;
- positions requiring a teaching certificate as a condition of employment in the Department of Education and Early Development and the Department of Labor and Workforce Development;
- University of Alaska full-time and part-time teachers, and full-time administrative employees in positions requiring academic standing if approved by the TRS administrator;
- certain full-time or part-time teachers of Alaska Native language or culture who have elected to be covered under TRS;
- members on approved sabbatical leave under AS 14.20.310;
- certain State legislators who have elected to be covered under TRS; and
- a teacher who has filed for worker's compensation benefits due to an on-the-job assault and who, as a result of the physical injury, is placed on leave without pay.

Employees participating in the University of Alaska's Optional Retirement Plan or other retirement plans funded by the State are not covered by TRS.

Employees who work half-time in TRS and the Public Employees' Retirement System (PERS) simultaneously are eligible for half-time TRS and PERS credit.

Senate Bill 141, signed into law on July 27, 2005, closes the plan effective July 1, 2006 to new members first hired on or after July 1, 2006.

5. Credited Service

TRS members receive a year of membership credit if they work a minimum of 172 days during the school year (July 1 through June 30 of the following year). Fractional credit is determined based on the number of days worked. Part-time members who work at least 50% of full-time receive membership credit for each day in proportion to full-time service. Credit is granted for all Alaskan public school service.

Members may claim other types of service, including:

- Outside teaching service in out-of-state schools or Alaska private schools (not more than ten years may be claimed);
- Military service (not more than five years of military service or ten years of combined outside and military service may be claimed);
- Alaska Bureau of Indian Affairs (BIA) service;
- Retroactive Alaskan service that was not creditable at the time it occurred, but later became creditable because of legislative change;
- Unused sick leave credit after members retire; and
- Leave of absence without pay.

Except for retroactive Alaska service that occurred before July 1, 1955, and unused sick leave, contributions are required for all claimed service.

Members receiving TRS disability benefits continue to earn TRS credit while disabled.

Survivors who are receiving occupational death benefits continue to earn TRS service credit while occupational survivor benefits are being paid.

6. Employer Contributions

TRS employers contribute the amounts required, in addition to employees' contributions, to fund the benefits of the system.

The normal cost rate is a uniform rate for all participating employers (less the value of members' contributions).

The past service rate is a uniform rate for all participating employers to amortize the unfunded past service liability with payments that are a level dollar amount over fixed 25-year periods.

Employer rates cannot be less than the normal cost rate.

7. Additional State Contribution

Pursuant to AS14.25.070 effective July 1, 2008, the State shall contribute an amount (in addition to the State contribution as an employer) that when combined with the employer contribution (12.56% of total DB and DCR payroll, less employer contributions to DCR) will be sufficient to pay the total contribution rate adopted by The State of Alaska Retirement Management Board.

8. Member Contributions

Mandatory Contributions: Members are required to contribute 8.65% of their base salaries. Members' contributions are deducted from gross salaries before federal income taxes are withheld.

Contributions for Claimed Service: Member contributions are also required for most of the claimed service described in (5) above.

1% Supplemental Contributions: Members who joined the system before July 1, 1982 and elected to participate in the supplemental contributions provision are required to contribute an additional 1% of their salaries. Supplemental contributions are deducted from gross salaries after federal income taxes are withheld. Under the supplemental provision, an eligible spouse or dependent child will receive a survivor's allowance or spouse's pension if the member dies (see (13) below). Supplemental contributions are only refundable upon death (see (13) below).

Interest: Members' contributions earn 4.5% interest, compounded annually on June 30.

Refund of Contributions: Terminated members may receive refunds of their member contribution accounts which includes their mandatory contributions, indebtedness payments, and interest earned. Terminated members' accounts may be attached to satisfy claims under Alaska Statute 09.38.065, federal income tax levies, and valid Qualified Domestic Relations Orders.

Reinstatement of Contributions: Refunded accounts and the corresponding TRS service may be reinstated upon reemployment in TRS prior to July 1, 2010. Interest accrues on refunds until paid in full or members retire.

9. Retirement Benefits

Eligibility:

- (a) Members, including deferred vested members, are eligible for normal retirement at age 55 or early retirement at age 50 if they were hired before July 1, 1990 (Tier 1) and age 60 or early retirement at age 55 if they were hired on or after July 1, 1990 (Tier 2). Additionally, they must have at least:
 - (i) eight years of paid-up membership service;
 - (ii) 15 years of paid-up creditable service, the last five years of which are membership service, and they were first hired under TRS before July 1, 1975;
 - (iii) five years of paid-up membership service and three years of paid-up Alaska Bureau of Indian Affairs service;

- (iv) 12 years of combined part-time and full-time paid-up membership service;
 - (v) two years of paid-up membership service if they are vested in the Public Employees' Retirement System (PERS); or
 - (vi) one year of paid-up membership service if they are retired from PERS.
- (b) Members may retire at any age when they have:
- (i) 25 years of paid-up creditable service, the last five years of which are membership service;
 - (ii) 20 years of paid-up membership service;
 - (iii) 20 years of combined paid-up membership and Alaska Bureau of Indian Affairs service, the last five years of which are membership service; or
 - (iv) 20 years of combined paid-up part-time and full-time membership service.

Benefit Type: Lifetime benefits are paid to members. Eligible members may receive normal, unreduced benefits when they (1) reach normal retirement age and complete the service required; or (2) satisfy the minimum service requirements to retire at any age under (b) above. Members may receive early, actuarially reduced benefits when they reach early retirement age and complete the service required.

Members may select joint and survivor options and a last survivor option. Under those options and early retirement, benefits are actuarially adjusted so that members receive the actuarial equivalents of their normal benefit amounts.

Benefit Calculation: Retirement benefits are calculated by multiplying the average base salary (ABS) times the total TRS service times the percentage multiplier. The ABS is determined by averaging the salaries earned during the three highest school years. Members must earn at least 115 days of credit in a school year to include it in the ABS calculation. TRS pays a minimum benefit of \$25.00 per month for each year of service when the calculated benefit is less.

The percentage multipliers are 2% for the first 20 years and 2.5% for all remaining service. Service before July 1, 1990 is calculated at 2%.

Indebtedness: Members who terminate and refund their TRS contributions are not eligible to retire unless they return to TRS employment and pay back their refunds plus interest or accrue additional service which qualifies them for retirement. TRS refunds must be paid in full if the corresponding service is to count toward the minimum service requirements for retirement. Refunded TRS service is included in total service for the purpose of calculating retirement benefits. However, when refunds are not completely paid before retirement, benefits are actuarially reduced for life. Indebtedness balances may also be created when a member purchases qualified claimed service.

10. Reemployment of Retired Members

Retirees who return to work in a permanent full-time or part-time TRS position after a Normal Retirement are eligible to return under the Standard Option.

Under the Standard Option, retirement benefits are suspended while retired members are reemployed under TRS. During reemployment, members earn additional TRS service and contributions are withheld from their wages.

Members retired under the RIP who return to employment under TRS, Public Employees' Retirement System (PERS), Judicial Retirement System (JRS) or the University of Alaska's Optional Retirement Plan will:

- (a) forfeit the three years of incentive credits that they received;
- (b) owe TRS 110% of the benefits that they received under the RIP, which may include costs for health insurance, excluding amounts that they paid to participate; and
- (c) be charged 7% interest from the date that they are reemployed until their indebtedness is paid in full or they retire again. If the indebtedness is not completely paid, future benefits will be actuarially reduced for life.

Employers make contributions to the unfunded liability of the plan on behalf of rehired retired members at the rate the employer is making contributions to the unfunded liability of the plan for other members.

11. Disability Benefits

Monthly disability benefits are paid to permanently disabled members until they die, recover or become eligible for normal retirement. To be eligible, members must have at least five years of paid-up membership service.

Disability benefits are equal to 50% of the member's base salary at the time of disability. The benefit is increased by 10% of the base salary for each minor child, up to a maximum of 40%. Members continue to earn TRS service until eligible for normal retirement.

Members are appointed to normal retirement on the first of the month after they become eligible.

12. Death Benefits

Monthly death benefits may be paid to a spouse or dependent children upon the death of a member. If monthly benefits are not payable under the supplemental contributions provision or occupational and nonoccupational death provisions, the designated beneficiary receives the lump sum benefit described below.

Occupational Death: When an active member dies from occupational causes, a monthly survivor's pension may be paid to the spouse, unless benefits are payable under the supplemental contributions provision (below). The pension equals 40% of the member's base salary on the date of death or disability, if earlier. If there is no spouse, the pension may be paid to the member's dependent children. On the member's normal retirement date, the benefit converts to a normal retirement benefit. The normal benefit is based on the member's average base salary on the date of death and service, including service accumulated from the date of the member's death to the normal retirement date.

Nonoccupational Death: When a vested member dies from nonoccupational causes, the surviving spouse may elect to receive a monthly 50% joint and survivor benefit or a lump

sum benefit, unless benefits are payable under the supplemental contributions provision (below). The monthly benefit is calculated on the member's average base salary and TRS service accrued at the time of death.

Lump Sum Benefit: Upon the death of an active member who has less than one year of service or an inactive member who is not vested, the designated beneficiary receives the member's contribution account, which includes mandatory contributions, indebtedness payments, and interest earned. Any supplemental contributions will also be refunded. If the member has more than one year of TRS service or is vested, the beneficiary also receives \$1,000 and \$100 for each year of TRS service, up to a maximum of \$3,000. An additional \$500 may be payable if the member is survived by dependent children.

Supplemental Contributions Provision: Members are eligible for supplemental coverage if they joined TRS before July 1, 1982, elected to participate in the supplemental provision, and made the required contributions. A survivor's allowance or spouse's pension (below) may be payable if the member made supplemental contributions for at least one year and dies while in membership service or while disabled under TRS. In addition, the allowance and pension may be payable if the member dies while retired or in deferred vested status if supplemental contributions were made for at least five years.

- (a) Survivor's Allowance: If the member is survived by dependent children, the surviving spouse and dependent children are entitled to a survivor's allowance. The allowance for the spouse is equal to 35% of the member's base salary at the time of death or disability, plus 10% for each dependent child up to a maximum of 40%. The allowance terminates and a spouse's pension becomes payable when there is no longer an eligible dependent child.
- (b) Spouse's Pension: The spouse's pension is equal to 50% of the retirement benefit that the deceased member was receiving or the unreduced retirement benefit that the deceased member would have received if retired at the time of death. The spouse's pension begins on the first of the month after the member's death or termination of the survivor's allowance.

Death After Retirement: If a joint and survivor option was selected at retirement, the eligible spouse receives continuing, lifetime monthly benefits after the member dies. A survivor's allowance or spouse's pension may be payable if the member participated in the supplemental contributions provision. If a joint and survivor option was not selected and benefits are not payable under the supplemental contributions provision, the designated beneficiary receives the member's contribution account, less any benefits already paid and the member's last benefit check.

13. Postretirement Pension Adjustments

Postretirement pension adjustments (PRPAs) are granted annually to eligible benefit recipients when the consumer price index (CPI) for urban wage earners and clerical workers for Anchorage increases during the preceding calendar year. PRPAs are calculated by multiplying the recipient's base benefit, including past PRPAs, excluding the Alaska COLA, times:

- (a) 75% of the CPI increase in the preceding calendar year or 9%, whichever is less, if the recipient is at least age 65 or on TRS disability; or
- (b) 50% of the CPI increase in the preceding calendar year or 6%, whichever is less, if the recipient is at least age 60, or under age 60 if the recipient has been receiving benefits for at least eight years.

Ad hoc PRPAs, up to a maximum of 4%, may be granted to eligible recipients who were first hired before July 1, 1990 (Tier 1) if the CPI increases and the funding ratio is at least 105%.

In a year where an Ad Hoc PRPA is granted, eligible recipients will receive the higher of the two calculations.

14. Alaska Cost of Living Allowance

Eligible benefit recipients who reside in Alaska receive an Alaska cost of living allowance (COLA) equal to 10% of their base benefits. The following benefit recipients are eligible:

- (a) members who were first hired under TRS before July 1, 1990 (Tier 1) and their survivors;
- (b) members who were first hired under TRS after June 30, 1990 (Tier 2) and their survivors if they are at least age 65; and
- (c) all disabled members.

Changes in Benefit Provisions Since the Prior Valuation

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

APPENDIX

State of Alaska Teachers' Retirement System
 Schedule A - Employers' Allocation of Net Pension Liability as of 6/30/2016

Employer Number	Employer Name	FY2016 Present Value of Future Contributions	Employer Proportion	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability	Total Deferred Outflows	Total Deferred Inflows	Plan Fiduciary Net Position as % of Total Pension Liability	Covered Payroll
Employer:										
701	ANCHORAGE SD	283,476,000.00	15.78078%	1,140,247,400	779,917,894	360,329,506	76,393,055	(4,645,526)		
704	CORDOVA CITY SD	1,929,000.00	0.10739%	7,759,166	5,307,192	2,451,973	527,809	(31,941)		
705	CRAIG CITY SD	2,330,000.00	0.12971%	9,372,139	6,410,450	2,961,689	640,325	(38,183)		
706	FAIRBANKS NORTH STAR BOROUGH SD	82,752,000.00	4.60671%	332,859,758	227,672,768	105,186,990	22,593,351	(1,356,117)		
707	HAINES BOROUGH SD	1,647,000.00	0.09169%	6,624,855	4,531,335	2,093,520	437,785	(26,991)		
708	HOONAH CITY SD	882,000.00	0.04910%	3,547,737	2,426,617	1,121,120	182,281	(43,232)		
709	HYDABURG CITY SD	480,000.00	0.02672%	1,930,741	1,320,608	610,133	180,758	(9,260)		
710	JUNEAU BOROUGH SD	29,838,000.00	1.66105%	120,019,691	82,092,276	37,927,415	8,021,719	(488,977)		
712	KAKE CITY SD	1,033,000.00	0.05751%	4,155,116	2,842,058	1,313,058	349,288	(16,929)		
714	KETCHIKAN GATEWAY BOROUGH SD	15,075,000.00	0.83921%	60,637,336	41,475,336	19,162,001	4,261,809	(247,045)		
717	KLAWOCK CITY SD	1,248,000.00	0.06947%	5,019,927	3,433,580	1,586,347	384,035	(20,990)		
718	KODIAK ISLAND BOROUGH SD	14,147,000.00	0.78755%	56,904,570	38,922,161	17,982,410	3,926,620	(231,837)		
719	NENANA CITY SD	2,283,000.00	0.12709%	9,183,087	6,281,140	2,901,947	777,462	(37,413)		
720	NOME CITY SD	4,996,000.00	0.27812%	20,095,797	13,745,325	6,350,471	1,542,747	(81,873)		
722	MATANUSKA-SUSITNA BOROUGH SD	103,210,000.00	5.74558%	415,149,551	283,958,169	131,191,382	29,375,218	(1,691,377)		
723	PELICAN CITY SD	56,000.00	0.00312%	225,253	154,071	71,182	11,444	(6,327)		
724	PETERSBURG CITY SD	3,253,000.00	0.18109%	13,084,793	8,949,868	4,134,925	795,550	(53,309)		
727	SITKA BOROUGH SD	9,366,000.00	0.52139%	37,673,585	25,768,358	11,905,227	2,501,213	(153,487)		
728	SKAGWAY CITY SD	886,000.00	0.04932%	3,563,826	2,437,622	1,126,204	304,503	(14,520)		
729	UNALASKA CITY SD	3,104,000.00	0.17280%	12,485,459	8,539,930	3,945,529	799,854	(50,867)		
730	VALDEZ CITY SD	4,853,000.00	0.27016%	19,520,597	13,351,894	6,168,702	1,447,610	(79,530)		
731	WRANGELL PUBLIC SD	1,878,000.00	0.10455%	7,554,024	5,166,878	2,387,147	637,094	(38,199)		
732	YAKUTAT SD	618,000.00	0.03440%	2,485,829	1,700,282	785,547	128,918	(118,048)		
733	UNIVERSITY OF ALASKA	38,428,000.00	2.13924%	154,571,911	105,725,652	48,846,259	8,463,258	(629,747)		
735	GALENA CITY SD	5,500,000.00	0.30618%	22,123,075	15,131,963	6,991,111	1,485,576	(90,132)		
736	NORTH SLOPE BOROUGH SD	16,266,000.00	0.90551%	65,427,988	44,752,094	20,675,894	4,924,264	(266,563)		
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	13,411,000.00	0.74657%	53,944,101	36,897,229	17,046,872	2,660,593	(586,773)		
742	BRISTOL BAY BOROUGH SD	799,000.00	0.04448%	3,213,879	2,198,262	1,015,618	226,414	(13,094)		
743	SOUTHEAST REGIONAL RESOURCE CENTER	566,000.00	0.03151%	2,276,665	1,557,217	719,449	123,564	(35,161)		
744	DILLINGHAM CITY SD	3,875,000.00	0.21572%	15,586,712	10,661,156	4,925,556	986,493	(63,502)		
746	KENAI PENINSULA BOROUGH SD	55,382,000.00	3.08305%	222,767,294	152,370,616	70,396,678	15,807,254	(907,585)		
748	SAINT MARY'S SD	1,069,000.00	0.05951%	4,299,921	2,941,103	1,358,818	285,397	(17,518)		
751	NORTHWEST ARCTIC BOROUGH SD	14,820,000.00	0.82501%	59,611,630	40,773,763	18,837,867	4,999,884	(242,866)		
752	BERING STRAIT SD	15,072,000.00	0.83904%	60,625,269	41,467,082	19,158,187	4,250,915	(246,996)		
753	LOWER YUKON SD	14,421,000.00	0.80280%	58,006,702	39,676,008	18,330,694	4,194,601	(236,327)		
754	LOWER KUSKOKWIM SD	27,828,000.00	1.54915%	111,934,713	76,562,232	35,372,481	6,886,067	(456,038)		
755	KUSPUK SD	3,394,000.00	0.18894%	13,651,948	9,337,797	4,314,151	1,290,004	(55,620)		
756	SOUTHWEST REGION SD	4,783,000.00	0.26626%	19,239,030	13,159,306	6,079,725	1,361,208	(78,382)		
757	LAKE AND PENINSULA BOROUGH SD	3,892,000.00	0.21666%	15,655,092	10,707,927	4,947,165	1,193,935	(63,781)		
758	ALEUTIAN REGION SD	313,000.00	0.01742%	1,259,004	861,146	397,858	65,672	(19,117)		
759	PRIBILOF SD	481,000.00	0.02678%	1,934,763	1,323,359	611,404	104,617	(25,778)		
761	IDITAROD AREA SD	2,341,000.00	0.13032%	9,416,385	6,440,714	2,975,671	719,505	(38,364)		
762	YUKON / KOYUKUK SD	5,347,000.00	0.29766%	21,507,651	14,711,020	6,796,631	1,891,748	(87,625)		
763	YUKON FLATS SD	2,317,000.00	0.12898%	9,319,848	6,374,683	2,945,165	493,446	(58,472)		
764	DENALI BOROUGH SD	2,063,000.00	0.11484%	8,298,164	5,675,862	2,622,302	467,767	(33,808)		
765	DELTA/GREELY SD	4,207,000.00	0.23420%	16,922,141	11,574,576	5,347,565	1,157,704	(68,943)		
766	ALASKA GATEWAY SD	2,963,000.00	0.16495%	11,918,304	8,152,001	3,766,302	813,513	(48,557)		
767	COPPER RIVER SD	2,295,000.00	0.12776%	9,231,356	6,314,156	2,917,200	654,421	(37,610)		
768	CHATHAM SD	1,288,000.00	0.07170%	5,180,822	3,543,631	1,637,191	481,543	(22,808)		
769	SOUTHEAST ISLAND SD	1,961,000.00	0.10917%	7,887,882	5,395,233	2,492,649	558,165	(32,136)		

State of Alaska Teachers' Retirement System
 Schedule A - Employers' Allocation of Net Pension Liability as of 6/30/2016

Employer Number	Employer Name	Net Pension Liability as % of Covered Payroll	Net Pension Liability 1% Decrease (7.0% Discount Rate)	Net Pension Liability 1% Increase (9.0% Discount Rate)
Employer:				
701	ANCHORAGE SD		490,993,580	250,779,012
704	CORDOVA CITY SD		3,341,117	1,706,503
705	CRAIG CITY SD		4,035,668	2,061,251
706	FAIRBANKS NORTH STAR BOROUGH SD		143,330,302	73,207,131
707	HAINES BOROUGH SD		2,852,680	1,457,030
708	HOONAH CITY SD		1,527,665	780,267
709	HYDABURG CITY SD		831,382	424,635
710	JUNEAU BOROUGH SD		51,680,800	26,396,394
712	KAKE CITY SD		1,789,204	913,851
714	KETCHIKAN GATEWAY BOROUGH SD		26,110,599	13,336,203
717	KLAWOCK CITY SD		2,161,594	1,104,052
718	KODIAK ISLAND BOROUGH SD		24,503,260	12,515,242
719	NENANA CITY SD		3,954,262	2,019,672
720	NOME CITY SD		8,653,304	4,419,746
722	MATANUSKA-SUSITNA BOROUGH SD		178,764,507	91,305,443
723	PELICAN CITY SD		96,995	49,541
724	PETERSBURG CITY SD		5,634,347	2,877,789
727	SITKA BOROUGH SD		16,222,346	8,285,697
728	SKAGWAY CITY SD		1,534,593	783,806
729	UNALASKA CITY SD		5,376,272	2,745,975
730	VALDEZ CITY SD		8,405,621	4,293,240
731	WRANGELL PUBLIC SD		3,252,783	1,661,386
732	YAKUTAT SD		1,070,405	546,718
733	UNIVERSITY OF ALASKA		66,559,078	33,995,597
735	GALENA CITY SD		9,526,255	4,865,613
736	NORTH SLOPE BOROUGH SD		28,173,466	14,389,830
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)		23,228,474	11,864,134
742	BRISTOL BAY BOROUGH SD		1,383,905	706,841
743	SOUTHEAST REGIONAL RESOURCE CENTER		980,338	500,716
744	DILLINGHAM CITY SD		6,711,680	3,428,046
746	KENAI PENINSULA BOROUGH SD		95,924,193	48,994,071
748	SAINT MARY'S SD		1,851,558	945,698
751	NORTHWEST ARCTIC BOROUGH SD		25,668,927	13,110,616
752	BERING STRAIT SD		26,105,403	13,333,549
753	LOWER YUKON SD		24,977,841	12,757,638
754	LOWER KUSKOKWIM SD		48,199,387	24,618,233
755	KUSPUK SD		5,878,565	3,002,526
756	SOUTHWEST REGION SD		8,284,378	4,231,314
757	LAKE AND PENINSULA BOROUGH SD		6,741,125	3,443,085
758	ALEUTIAN REGION SD		542,131	276,898
759	PRIBILOF SD		833,114	425,520
761	IDITAROD AREA SD		4,054,721	2,070,982
762	YUKON / KOYUKUK SD		9,261,252	4,730,261
763	YUKON FLATS SD		4,013,151	2,049,750
764	DENALI BOROUGH SD		3,573,212	1,825,047
765	DELTA/GREELY SD		7,286,719	3,721,752
766	ALASKA GATEWAY SD		5,132,053	2,621,239
767	COPPER RIVER SD		3,975,046	2,030,288
768	CHATHAM SD		2,230,876	1,139,438
769	SOUTHEAST ISLAND SD		3,396,543	1,734,812

State of Alaska Teachers' Retirement System
 Schedule A - Employers' Allocation of Net Pension Liability as of 6/30/2016

Employer Number	Employer Name	FY2016 Present Value of Future Contributions	Employer Proportion	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability	Total Deferred Outflows	Total Deferred Inflows	Plan Fiduciary Net Position as % of Total Pension Liability	Covered Payroll
770	ANNETTE ISLAND SD	2,800,000.00	0.15587%	11,262,656	7,703,545	3,559,111	938,493	(45,886)		
771	CHUGACH SD	1,545,000.00	0.08601%	6,214,573	4,250,706	1,963,867	475,395	(25,319)		
775	TANANA SD	377,000.00	0.02099%	1,516,436	1,037,227	479,209	83,390	(20,107)		
777	KASHUNAMIUT SD	2,080,000.00	0.11579%	8,366,545	5,722,633	2,643,911	637,869	(34,086)		
778	YUPIIT SD	3,560,000.00	0.19818%	14,319,663	9,794,507	4,525,156	1,020,141	(58,340)		
779	SPECIAL EDUCATION SERVICE AGENCY	953,000.00	0.05305%	3,833,325	2,621,957	1,211,369	246,515	(15,617)		
780	ALEUTIANS EAST BOROUGH SD	2,332,000.00	0.12982%	9,380,184	6,415,952	2,964,231	862,931	(38,216)		
Subtotal		828,069,000.00	46.09764%	3,330,805,869	2,278,238,126	1,052,567,744	227,032,711	(14,182,853.71)		
Nonemployer:										
999	STATE OF ALASKA	968,268,000.00	53.90236%	3,894,739,131	2,663,962,874	1,230,776,256	192,093,588	(78,008,062)		
Total		1,796,337,000.00	100.00000%	7,225,545,000	4,942,201,000	2,283,344,000	419,126,298	(92,190,915)	68.40%	473,734,000

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

State of Alaska Teachers' Retirement System
 Schedule A - Employers' Allocation of Net Pension Liability as of 6/30/2016

Employer Number	Employer Name	Net Pension Liability as % of Covered Payroll	Net Pension Liability 1% Decrease (7.0% Discount Rate)	Net Pension Liability 1% Increase (9.0% Discount Rate)
770	ANNETTE ISLAND SD		4,849,730	2,477,039
771	CHUGACH SD		2,676,012	1,366,795
775	TANANA SD		652,981	333,516
777	KASHUNAMIUT SD		3,602,656	1,840,086
778	YUPIIT SD		6,166,085	3,149,379
779	SPECIAL EDUCATION SERVICE AGENCY		1,650,640	843,078
780	ALEUTIANS EAST BOROUGH SD		4,039,132	2,063,020
Subtotal			1,434,253,914.71	732,556,990.59
Nonemployer:				
999	STATE OF ALASKA		1,677,085,085	856,585,009
Total		481.99%	3,111,339,000	1,589,142,000

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

State of Alaska Teachers' Retirement System
 Schedule B - Employers' Allocation of Net Pension Liability as of 6/30/2017

Employer Number	Employer Name	FY2017 Present Value of Future Contributions	Employer Proportion*	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability	Total Deferred Outflows	Total Deferred Inflows	Plan Fiduciary Net Position as % of Total Pension Liability	Covered Payroll
701	ANCHORAGE SD	271,744,000.00	12.69911%	931,976,215	674,614,433	257,361,782	13,370,417	(35,920,643)		
704	CORDOVA CITY SD	1,914,000.00	0.08944%	6,564,275	4,751,575	1,812,700	96,069	(209,180)		
705	CRAIG CITY SD	2,281,000.00	0.10660%	7,822,943	5,662,666	2,160,277	113,574	(269,635)		
706	FAIRBANKS NORTH STAR BOROUGH SD	75,982,000.00	3.55078%	260,588,704	188,628,098	71,960,606	3,794,392	(11,758,144)		
707	HAINES BOROUGH SD	1,690,000.00	0.07898%	5,796,043	4,195,487	1,600,556	82,244	(170,887)		
708	HOONAH CITY SD	1,080,000.00	0.05047%	3,703,980	2,681,140	1,022,840	46,764	(25,012)		
709	HYDABURG CITY SD	661,000.00	0.03089%	2,266,973	1,640,957	626,016	66,132	(10,441)		
710	JUNEAU BOROUGH SD	29,663,000.00	1.38621%	101,732,551	73,639,484	28,093,067	1,452,769	(3,345,791)		
712	KAKE CITY SD	1,101,000.00	0.05145%	3,776,002	2,733,273	1,042,729	59,810	(92,398)		
714	KETCHIKAN GATEWAY BOROUGH SD	14,700,000.00	0.68696%	50,415,282	36,493,288	13,921,993	740,719	(1,796,823)		
717	KLAWOCK CITY SD	1,224,000.00	0.05720%	4,197,844	3,038,625	1,159,219	65,404	(143,995)		
718	KODIAK ISLAND BOROUGH SD	14,206,000.00	0.66387%	48,721,054	35,266,915	13,454,139	712,236	(1,563,590)		
719	NENANA CITY SD	2,217,000.00	0.10360%	7,603,448	5,503,784	2,099,664	125,038	(276,488)		
720	NOME CITY SD	4,483,000.00	0.20950%	15,374,946	11,129,212	4,245,734	240,577	(764,012)		
722	MATANUSKA-SUSITNA BOROUGH SD	100,425,000.00	4.69305%	344,418,686	249,308,741	95,109,945	5,078,704	(12,431,647)		
723	PELICAN CITY SD	-	0.00312%	228,787	165,608	63,179	2,889	(3,521)		
724	PETERSBURG CITY SD	3,482,000.00	0.16272%	11,941,906	8,644,193	3,297,713	162,851	(275,040)		
727	SITKA BOROUGH SD	9,230,000.00	0.43134%	31,655,310	22,913,813	8,741,497	453,702	(1,077,408)		
728	SKAGWAY CITY SD	962,000.00	0.04496%	3,299,286	2,388,200	911,086	52,782	(67,038)		
729	UNALASKA CITY SD	2,744,000.00	0.12823%	9,410,853	6,812,081	2,598,772	132,375	(486,177)		
730	VALDEZ CITY SD	4,923,000.00	0.23006%	16,883,975	12,221,528	4,662,447	257,224	(474,781)		
731	WRANGELL PUBLIC SD	1,938,000.00	0.09057%	6,646,586	4,811,156	1,835,430	107,963	(188,374)		
732	YAKUTAT SD	560,000.00	0.02617%	1,920,582	1,390,221	530,362	24,248	(98,876)		
733	UNIVERSITY OF ALASKA	34,486,000.00	1.61160%	118,273,565	85,612,758	32,660,807	1,558,969	(5,656,019)		
735	GALENA CITY SD	5,591,000.00	0.26128%	19,174,955	13,879,862	5,295,093	275,623	(560,702)		
736	NORTH SLOPE BOROUGH SD	14,040,000.00	0.65612%	48,151,739	34,854,814	13,296,924	750,337	(2,730,836)		
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	14,361,000.00	0.67112%	49,252,644	35,651,708	13,600,935	621,834	(958,051)		
742	BRISTOL BAY BOROUGH SD	665,000.00	0.03108%	2,280,691	1,650,887	629,804	33,977	(147,506)		
743	SOUTHEAST REGIONAL RESOURCE CENTER	757,000.00	0.03538%	2,596,216	1,879,280	716,935	52,847	(14,310)		
744	DILLINGHAM CITY SD	3,633,000.00	0.16978%	12,459,777	9,019,056	3,440,721	173,624	(555,598)		
746	KENAI PENINSULA BOROUGH SD	50,753,000.00	2.37178%	174,063,048	125,996,181	48,066,866	2,596,721	(7,976,952)		
748	SAINT MARY'S SD	1,172,000.00	0.05477%	4,019,504	2,909,533	1,109,971	56,626	(73,729)		
751	NORTHWEST ARCTIC BOROUGH SD	14,441,000.00	0.67486%	49,527,013	35,850,311	13,676,701	804,571	(1,859,753)		
752	BERING STRAIT SD	15,616,000.00	0.72977%	53,556,806	38,767,292	14,789,514	776,674	(1,541,683)		
753	LOWER YUKON SD	12,581,000.00	0.58793%	43,147,936	31,232,793	11,915,143	646,620	(2,392,028)		
754	LOWER KUSKOKWIM SD	27,671,000.00	1.29312%	94,900,766	68,694,271	26,206,495	1,294,754	(3,198,039)		
755	KUSPUK SD	3,082,000.00	0.14403%	10,570,061	7,651,178	2,918,883	187,342	(518,976)		
756	SOUTHWEST REGION SD	4,365,000.00	0.20398%	14,970,252	10,836,272	4,133,980	222,053	(723,238)		
757	LAKE AND PENINSULA BOROUGH SD	3,499,000.00	0.16351%	12,000,209	8,686,396	3,313,813	185,654	(615,196)		
758	ALEUTIAN REGION SD	337,000.00	0.01575%	1,155,779	836,615	319,164	14,592	(28,548)		
759	PRIBILOF SD	472,000.00	0.02206%	1,618,776	1,171,757	447,019	20,438	(60,419)		
761	IDITAROD AREA SD	1,436,000.00	0.06711%	4,924,921	3,564,923	1,359,999	82,281	(635,757)		
762	YUKON / KOYUKUK SD	4,427,000.00	0.20688%	15,182,888	10,990,190	4,192,698	263,597	(977,593)		
763	YUKON FLATS SD	2,018,000.00	0.09430%	6,920,955	5,009,759	1,911,196	87,380	(387,036)		
764	DENALI BOROUGH SD	2,352,000.00	0.10991%	8,066,445	5,838,926	2,227,519	104,030	(117,696)		
765	DELTA/GREELY SD	4,209,000.00	0.19669%	14,435,233	10,448,997	3,986,236	206,952	(469,489)		
766	ALASKA GATEWAY SD	2,592,000.00	0.12113%	8,889,552	6,434,735	2,454,817	130,079	(480,202)		
767	COPPER RIVER SD	1,989,000.00	0.09295%	6,821,496	4,937,765	1,883,731	103,619	(376,712)		
768	CHATHAM SD	1,407,000.00	0.06575%	4,825,463	3,492,929	1,332,534	81,470	(105,058)		
769	SOUTHEAST ISLAND SD	1,637,000.00	0.07650%	5,614,273	4,063,912	1,550,361	84,301	(358,485)		

State of Alaska Teachers' Retirement System
 Schedule B - Employers' Allocation of Net Pension Liability as of 6/30/2017

Employer Number	Employer Name	Net Pension Liability as % of Covered Payroll	Net Pension Liability 1% Decrease (7.0% Discount Rate)	Net Pension Liability 1% Increase (9.0% Discount Rate)
Employer:				
701	ANCHORAGE SD		362,783,100	168,796,418
704	CORDOVA CITY SD		2,555,224	1,188,900
705	CRAIG CITY SD		3,045,176	1,416,865
706	FAIRBANKS NORTH STAR BOROUGH SD		101,437,329	47,196,955
707	HAINES BOROUGH SD		2,256,180	1,049,760
708	HOONAH CITY SD		1,441,819	670,852
709	HYDABURG CITY SD		882,447	410,587
710	JUNEAU BOROUGH SD		39,600,635	18,425,460
712	KAKE CITY SD		1,469,855	683,897
714	KETCHIKAN GATEWAY BOROUGH SD		19,624,763	9,131,047
717	KLAWOCK CITY SD		1,634,062	760,299
718	KODIAK ISLAND BOROUGH SD		18,965,264	8,824,195
719	NENANA CITY SD		2,959,735	1,377,111
720	NOME CITY SD		5,984,885	2,784,659
722	MATANUSKA-SUSITNA BOROUGH SD		134,069,171	62,379,962
723	PELICAN CITY SD		89,058	41,437
724	PETERSBURG CITY SD		4,648,532	2,162,878
727	SITKA BOROUGH SD		12,322,215	5,733,304
728	SKAGWAY CITY SD		1,284,287	597,556
729	UNALASKA CITY SD		3,663,289	1,704,462
730	VALDEZ CITY SD		6,572,293	3,057,969
731	WRANGELL PUBLIC SD		2,587,265	1,203,807
732	YAKUTAT SD		747,610	347,849
733	UNIVERSITY OF ALASKA		46,039,427	21,421,313
735	GALENA CITY SD		7,464,085	3,472,904
736	NORTH SLOPE BOROUGH SD		18,743,651	8,721,082
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)		19,172,192	8,920,474
742	BRISTOL BAY BOROUGH SD		887,787	413,071
743	SOUTHEAST REGIONAL RESOURCE CENTER		1,010,609	470,218
744	DILLINGHAM CITY SD		4,850,120	2,256,673
746	KENAI PENINSULA BOROUGH SD		67,756,163	31,525,718
748	SAINT MARY'S SD		1,564,641	727,999
751	NORTHWEST ARCTIC BOROUGH SD		19,278,993	8,970,167
752	BERING STRAIT SD		20,847,639	9,700,030
753	LOWER YUKON SD		16,795,860	7,814,810
754	LOWER KUSKOKWIM SD		36,941,280	17,188,110
755	KUSPUK SD		4,114,525	1,914,414
756	SOUTHWEST REGION SD		5,827,353	2,711,362
757	LAKE AND PENINSULA BOROUGH SD		4,671,228	2,173,438
758	ALEUTIAN REGION SD		449,901	209,331
759	PRIBILOF SD		630,128	293,187
761	IDITAROD AREA SD		1,917,086	891,985
762	YUKON / KOYUKUK SD		5,910,124	2,749,874
763	YUKON FLATS SD		2,694,066	1,253,500
764	DENALI BOROUGH SD		3,139,962	1,460,968
765	DELTA/GREELY SD		5,619,090	2,614,461
766	ALASKA GATEWAY SD		3,460,366	1,610,046
767	COPPER RIVER SD		2,655,351	1,235,487
768	CHATHAM SD		1,878,370	873,972
769	SOUTHEAST ISLAND SD		2,185,424	1,016,838

State of Alaska Teachers' Retirement System
 Schedule B - Employers' Allocation of Net Pension Liability as of 6/30/2017

Employer Number	Employer Name	FY2017 Present Value of Future Contributions	Employer Proportion*	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability	Total Deferred Outflows	Total Deferred Inflows	Plan Fiduciary Net Position as % of Total Pension Liability	Covered Payroll
770	ANNETTE ISLAND SD	2,228,000.00	0.10412%	7,641,173	5,531,092	2,110,082	128,039	(558,468)		
771	CHUGACH SD	1,524,000.00	0.07122%	5,226,727	3,783,386	1,443,341	80,585	(172,229)		
775	TANANA SD	463,000.00	0.02164%	1,587,910	1,149,414	438,495	20,048	(10,213)		
777	KASHUNAMIUT SD	1,994,000.00	0.09318%	6,838,644	4,950,178	1,888,466	102,715	(279,232)		
778	YUPIIT SD	2,398,000.00	0.11206%	8,224,207	5,953,123	2,271,084	126,226	(872,245)		
779	SPECIAL EDUCATION SERVICE AGENCY	890,000.00	0.04159%	3,052,354	2,209,458	842,896	42,833	(136,132)		
780	ALEUTIANS EAST BOROUGH SD	2,308,000.00	0.10786%	7,915,542	5,729,695	2,185,848	136,031	(277,448)		
Subtotal		788,604,000.00	36.85608%	2,704,833,749	1,957,903,922	746,929,827	39,292,324	(107,275,476)		
Nonemployer:										
999	STATE OF ALASKA	1,351,195,000.00	63.14392%	4,634,073,251	3,354,391,078	1,279,682,173	153,225,749	(26,385,564)		
Total		2,139,799,000.00	100.00000%	7,338,907,000	5,312,295,000	2,026,612,000	192,518,072	(133,661,040)	72.39%	449,629,000

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

*Same as FY16 for certain employers who have zero present value of future contributions. All other employers are allocated the remaining 99.99688% based on present value of future contributions.

State of Alaska Teachers' Retirement System
 Schedule B - Employers' Allocation of Net Pension Liability as of 6/30/2017

Employer Number	Employer Name	Net Pension Liability as % of Covered Payroll	Net Pension Liability 1% Decrease (7.0% Discount Rate)	Net Pension Liability 1% Increase (9.0% Discount Rate)
770	ANNETTE ISLAND SD		2,974,420	1,383,944
771	CHUGACH SD		2,034,567	946,647
775	TANANA SD		618,113	287,597
777	KASHUNAMIUT SD		2,662,026	1,238,592
778	YUPIIT SD		3,201,373	1,489,541
779	SPECIAL EDUCATION SERVICE AGENCY		1,188,166	552,832
780	ALEUTIANS EAST BOROUGH SD		3,081,221	1,433,637
Subtotal			1,052,889,501	489,890,452
Nonemployer:				
999	STATE OF ALASKA		1,803,869,489	839,307,866
Total		450.73%	2,856,758,990	1,329,198,318

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

*Same as FY16 for certain employers who have zero present value of future contributions. All other empl

State of Alaska Teachers' Retirement System
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2017

Employer Number	Employer Name	Net Pension Liability	Employer Proportion*	Deferred Outflows 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 Outflows
Employer:									
701	ANCHORAGE SD	257,361,782	12.69911%	-	-	-	11,766,569	1,603,848	13,370,417
704	CORDOVA CITY SD	1,812,700	0.08944%	-	-	-	82,877	13,192	96,069
705	CRAIG CITY SD	2,160,277	0.10660%	-	-	-	98,768	14,806	113,574
706	FAIRBANKS NORTH STAR BOROUGH SD	71,960,606	3.55078%	-	-	-	3,290,036	504,356	3,794,392
707	HAINES BOROUGH SD	1,600,556	0.07898%	-	-	-	73,177	9,067	82,244
708	HOONAH CITY SD	1,022,840	0.05047%	-	-	-	46,764	-	46,764
709	HYDABURG CITY SD	626,016	0.03089%	-	-	-	28,621	37,511	66,132
710	JUNEAU BOROUGH SD	28,093,067	1.38621%	-	-	-	1,284,414	168,355	1,452,769
712	KAKE CITY SD	1,042,729	0.05145%	-	-	-	47,674	12,136	59,810
714	KETCHIKAN GATEWAY BOROUGH SD	13,921,993	0.68696%	-	-	-	636,513	104,206	740,719
717	KLAWOCK CITY SD	1,159,219	0.05720%	-	-	-	52,999	12,404	65,404
718	KODIAK ISLAND BOROUGH SD	13,454,139	0.66387%	-	-	-	615,123	97,114	712,236
719	NENANA CITY SD	2,099,664	0.10360%	-	-	-	95,997	29,042	125,038
720	NOME CITY SD	4,245,734	0.20950%	-	-	-	194,115	46,462	240,577
722	MATANUSKA-SUSITNA BOROUGH SD	95,109,945	4.69305%	-	-	-	4,348,422	730,282	5,078,704
723	PELICAN CITY SD	63,179	0.00312%	-	-	-	2,889	-	2,889
724	PETERSBURG CITY SD	3,297,713	0.16272%	-	-	-	150,771	12,079	162,851
727	SITKA BOROUGH SD	8,741,497	0.43134%	-	-	-	399,661	54,041	453,702
728	SKAGWAY CITY SD	911,086	0.04496%	-	-	-	41,655	11,127	52,782
729	UNALASKA CITY SD	2,598,772	0.12823%	-	-	-	118,816	13,560	132,375
730	VALDEZ CITY SD	4,662,447	0.23006%	-	-	-	213,167	44,058	257,224
731	WRANGELL PUBLIC SD	1,835,430	0.09057%	-	-	-	83,916	24,047	107,963
732	YAKUTAT SD	530,362	0.02617%	-	-	-	24,248	-	24,248
733	UNIVERSITY OF ALASKA	32,660,807	1.61160%	-	-	-	1,493,251	65,718	1,558,969
735	GALENA CITY SD	5,295,093	0.26128%	-	-	-	242,091	33,532	275,623
736	NORTH SLOPE BOROUGH SD	13,296,924	0.65612%	-	-	-	607,935	142,403	750,337
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	13,600,935	0.67112%	-	-	-	621,834	-	621,834
742	BRISTOL BAY BOROUGH SD	629,804	0.03108%	-	-	-	28,795	5,183	33,977
743	SOUTHEAST REGIONAL RESOURCE CENTER	716,935	0.03538%	-	-	-	32,778	20,069	52,847
744	DILLINGHAM CITY SD	3,440,721	0.16978%	-	-	-	157,310	16,314	173,624
746	KENAI PENINSULA BOROUGH SD	48,066,866	2.37178%	-	-	-	2,197,615	399,106	2,596,721
748	SAINT MARY'S SD	1,109,971	0.05477%	-	-	-	50,748	5,878	56,626
751	NORTHWEST ARCTIC BOROUGH SD	13,676,701	0.67486%	-	-	-	625,298	179,273	804,571
752	BERING STRAIT SD	14,789,514	0.72977%	-	-	-	676,176	100,499	776,674
753	LOWER YUKON SD	11,915,143	0.58793%	-	-	-	544,760	101,860	646,620
754	LOWER KUSKOKWIM SD	26,206,495	1.29312%	-	-	-	1,198,160	96,594	1,294,754
755	KUSPUK SD	2,918,883	0.14403%	-	-	-	133,451	53,891	187,342
756	SOUTHWEST REGION SD	4,133,980	0.20398%	-	-	-	189,005	33,048	222,053
757	LAKE AND PENINSULA BOROUGH SD	3,313,813	0.16351%	-	-	-	151,507	34,146	185,654
758	ALEUTIAN REGION SD	319,164	0.01575%	-	-	-	14,592	-	14,592
759	PRIBILOF SD	447,019	0.02206%	-	-	-	20,438	-	20,438
761	IDITAROD AREA SD	1,359,999	0.06711%	-	-	-	62,179	20,101	82,281
762	YUKON / KOYUKUK SD	4,192,698	0.20688%	-	-	-	191,690	71,907	263,597
763	YUKON FLATS SD	1,911,196	0.09430%	-	-	-	87,380	-	87,380
764	DENALI BOROUGH SD	2,227,519	0.10991%	-	-	-	101,842	2,188	104,030
765	DELTA/GREELY SD	3,986,236	0.19669%	-	-	-	182,251	24,701	206,952
766	ALASKA GATEWAY SD	2,454,817	0.12113%	-	-	-	112,234	17,845	130,079
767	COPPER RIVER SD	1,883,731	0.09295%	-	-	-	86,124	17,495	103,619
768	CHATHAM SD	1,332,534	0.06575%	-	-	-	60,923	20,547	81,470
769	SOUTHEAST ISLAND SD	1,550,361	0.07650%	-	-	-	70,882	13,419	84,301

State of Alaska Teachers' Retirement System
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2017

Employer Number	Employer Name	Deferred Inflows of Resources					Proportionate Share of Pension Plan Expense	
		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
Employer:								
701	ANCHORAGE SD	(4,292,247)	-	-	-	(31,628,396)	(35,920,643)	20,912,947
704	CORDOVA CITY SD	(30,232)	-	-	-	(178,948)	(209,180)	147,298
705	CRAIG CITY SD	(36,029)	-	-	-	(233,606)	(269,635)	175,542
706	FAIRBANKS NORTH STAR BOROUGH SD	(1,200,150)	-	-	-	(10,557,994)	(11,758,144)	5,847,443
707	HAINES BOROUGH SD	(26,694)	-	-	-	(144,194)	(170,887)	130,059
708	HOONAH CITY SD	(17,059)	-	-	-	(7,954)	(25,012)	83,115
709	HYDABURG CITY SD	(10,441)	-	-	-	-	(10,441)	50,869
710	JUNEAU BOROUGH SD	(468,533)	-	-	-	(2,877,258)	(3,345,791)	2,282,813
712	KAKE CITY SD	(17,390)	-	-	-	(75,008)	(92,398)	84,731
714	KETCHIKAN GATEWAY BOROUGH SD	(232,189)	-	-	-	(1,564,634)	(1,796,823)	1,131,286
717	KLAWOCK CITY SD	(19,333)	-	-	-	(124,662)	(143,995)	94,197
718	KODIAK ISLAND BOROUGH SD	(224,386)	-	-	-	(1,339,204)	(1,563,590)	1,093,269
719	NENANA CITY SD	(35,018)	-	-	-	(241,470)	(276,488)	170,616
720	NOME CITY SD	(70,810)	-	-	-	(693,202)	(764,012)	345,004
722	MATANUSKA-SUSITNA BOROUGH SD	(1,586,232)	-	-	-	(10,845,415)	(12,431,647)	7,728,534
723	PELICAN CITY SD	(1,054)	-	-	-	(2,468)	(3,521)	5,134
724	PETERSBURG CITY SD	(54,999)	-	-	-	(220,041)	(275,040)	267,969
727	SITKA BOROUGH SD	(145,790)	-	-	-	(931,618)	(1,077,408)	710,325
728	SKAGWAY CITY SD	(15,195)	-	-	-	(51,843)	(67,038)	74,034
729	UNALASKA CITY SD	(43,342)	-	-	-	(442,835)	(486,177)	211,173
730	VALDEZ CITY SD	(77,760)	-	-	-	(397,021)	(474,781)	378,866
731	WRANGELL PUBLIC SD	(30,611)	-	-	-	(157,763)	(188,374)	149,145
732	YAKUTAT SD	(8,845)	-	-	-	(90,031)	(98,876)	43,097
733	UNIVERSITY OF ALASKA	(544,713)	-	-	-	(5,111,306)	(5,656,019)	2,653,983
735	GALENA CITY SD	(88,311)	-	-	-	(472,391)	(560,702)	430,274
736	NORTH SLOPE BOROUGH SD	(221,764)	-	-	-	(2,509,072)	(2,730,836)	1,080,494
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(226,835)	-	-	-	(731,216)	(958,051)	1,105,198
742	BRISTOL BAY BOROUGH SD	(10,504)	-	-	-	(137,002)	(147,506)	51,177
743	SOUTHEAST REGIONAL RESOURCE CENTER	(11,957)	-	-	-	(2,353)	(14,310)	58,257
744	DILLINGHAM CITY SD	(57,384)	-	-	-	(498,214)	(555,598)	279,589
746	KENAI PENINSULA BOROUGH SD	(801,653)	-	-	-	(7,175,299)	(7,976,952)	3,905,863
748	SAINT MARY'S SD	(18,512)	-	-	-	(55,217)	(73,729)	90,195
751	NORTHWEST ARCTIC BOROUGH SD	(228,098)	-	-	-	(1,631,654)	(1,859,753)	1,111,354
752	BERING STRAIT SD	(246,658)	-	-	-	(1,295,025)	(1,541,683)	1,201,780
753	LOWER YUKON SD	(198,719)	-	-	-	(2,193,309)	(2,392,028)	968,212
754	LOWER KUSKOKWIM SD	(437,069)	-	-	-	(2,760,970)	(3,198,039)	2,129,512
755	KUSPUK SD	(48,681)	-	-	-	(470,296)	(518,976)	237,185
756	SOUTHWEST REGION SD	(68,946)	-	-	-	(654,292)	(723,238)	335,923
757	LAKE AND PENINSULA BOROUGH SD	(55,267)	-	-	-	(559,929)	(615,196)	269,277
758	ALEUTIAN REGION SD	(5,323)	-	-	-	(23,225)	(28,548)	25,935
759	PRIBILOF SD	(7,455)	-	-	-	(52,964)	(60,419)	36,324
761	IDITAROD AREA SD	(22,682)	-	-	-	(613,075)	(635,757)	110,512
762	YUKON / KOYUKUK SD	(69,925)	-	-	-	(907,668)	(977,593)	340,694
763	YUKON FLATS SD	(31,875)	-	-	-	(355,161)	(387,036)	155,302
764	DENALI BOROUGH SD	(37,150)	-	-	-	(80,546)	(117,696)	181,006
765	DELTA/GREELY SD	(66,482)	-	-	-	(403,007)	(469,489)	323,917
766	ALASKA GATEWAY SD	(40,941)	-	-	-	(439,261)	(480,202)	199,476
767	COPPER RIVER SD	(31,417)	-	-	-	(345,295)	(376,712)	153,070
768	CHATHAM SD	(22,224)	-	-	-	(82,834)	(105,058)	108,280
769	SOUTHEAST ISLAND SD	(25,857)	-	-	-	(332,629)	(358,485)	125,981

State of Alaska Teachers' Retirement System
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2017

		Pension Expense Recognized	
Employer Number	Employer Name	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions	Total
Employer:			
701	ANCHORAGE SD	(16,591,936)	4,321,010
704	CORDOVA CITY SD	(67,235)	80,063
705	CRAIG CITY SD	(96,290)	79,252
706	FAIRBANKS NORTH STAR BOROUGH SD	(6,059,185)	(211,742)
707	HAINES BOROUGH SD	(58,243)	71,816
708	HOONAH CITY SD	(24,790)	58,324
709	HYDABURG CITY SD	109,401	160,270
710	JUNEAU BOROUGH SD	(1,263,117)	1,019,696
712	KAKE CITY SD	48,874	133,605
714	KETCHIKAN GATEWAY BOROUGH SD	(571,592)	559,695
717	KLAWOCK CITY SD	(15,010)	79,187
718	KODIAK ISLAND BOROUGH SD	(465,105)	628,165
719	NENANA CITY SD	27,199	197,815
720	NOME CITY SD	(265,090)	79,914
722	MATANUSKA-SUSITNA BOROUGH SD	(3,881,240)	3,847,294
723	PELICAN CITY SD	(6,779)	(1,645)
724	PETERSBURG CITY SD	(106,379)	161,590
727	SITKA BOROUGH SD	(446,069)	264,256
728	SKAGWAY CITY SD	60,000	134,034
729	UNALASKA CITY SD	(321,544)	(110,371)
730	VALDEZ CITY SD	(363)	378,503
731	WRANGELL PUBLIC SD	57,758	206,903
732	YAKUTAT SD	(180,929)	(137,832)
733	UNIVERSITY OF ALASKA	(4,905,377)	(2,251,394)
735	GALENA CITY SD	(163,973)	266,300
736	NORTH SLOPE BOROUGH SD	(1,232,990)	(152,496)
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(1,119,434)	(14,236)
742	BRISTOL BAY BOROUGH SD	(89,506)	(38,329)
743	SOUTHEAST REGIONAL RESOURCE CENTER	10,043	68,300
744	DILLINGHAM CITY SD	(352,148)	(72,559)
746	KENAI PENINSULA BOROUGH SD	(3,551,578)	354,284
748	SAINT MARY'S SD	6,089	96,284
751	NORTHWEST ARCTIC BOROUGH SD	67,539	1,178,893
752	BERING STRAIT SD	(278,618)	923,163
753	LOWER YUKON SD	(1,205,235)	(237,023)
754	LOWER KUSKOKWIM SD	(1,799,037)	330,475
755	KUSPUK SD	40,231	277,416
756	SOUTHWEST REGION SD	(347,724)	(11,801)
757	LAKE AND PENINSULA BOROUGH SD	(234,484)	34,793
758	ALEUTIAN REGION SD	(33,533)	(7,598)
759	PRIBILOF SD	(64,118)	(27,794)
761	IDITAROD AREA SD	(446,219)	(335,707)
762	YUKON / KOYUKUK SD	(249,465)	91,230
763	YUKON FLATS SD	(377,412)	(222,110)
764	DENALI BOROUGH SD	(33,192)	147,814
765	DELTA/GREELY SD	(149,405)	174,512
766	ALASKA GATEWAY SD	(280,225)	(80,750)
767	COPPER RIVER SD	(202,037)	(48,967)
768	CHATHAM SD	111,732	220,013
769	SOUTHEAST ISLAND SD	(213,882)	(87,901)

State of Alaska Teachers' Retirement System
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2017

Employer Number	Employer Name	Net Pension Liability	Employer Proportion*	Deferred Outflows of Resources					Total Deferred Outflows
				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	
770	ANNETTE ISLAND SD	2,110,082	0.10412%	-	-	-	96,473	31,566	128,039
771	CHUGACH SD	1,443,341	0.07122%	-	-	-	65,990	14,595	80,585
775	TANANA SD	438,495	0.02164%	-	-	-	20,048	-	20,048
777	KASHUNAMIUT SD	1,888,466	0.09318%	-	-	-	86,341	16,375	102,715
778	YUPIIT SD	2,271,084	0.11206%	-	-	-	103,834	22,392	126,226
779	SPECIAL EDUCATION SERVICE AGENCY	842,896	0.04159%	-	-	-	38,537	4,296	42,833
780	ALEUTIANS EAST BOROUGH SD	2,185,848	0.10786%	-	-	-	99,937	36,094	136,031
Subtotal		746,929,827	36.85608%	-	-	-	34,149,598	5,142,726	39,292,324
Nonemployer:									
999	STATE OF ALASKA	1,279,682,173	63.14392%	-	-	-	58,507,011	94,718,738	153,225,749
Total		2,026,612,000	100.00000%	-	-	-	92,656,608	99,861,464	192,518,072

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

*Same as FY16 for certain employers who have zero present value of future contributions. All other employers are allocated the remaining 99.99688% based on present value of future contributions.

State of Alaska Teachers' Retirement System
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2017

Employer Number	Employer Name	Deferred Inflows of Resources					Total Deferred Inflows	Proportionate Share of Pension Plan Expense
		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		
770	ANNETTE ISLAND SD	(35,192)	-	-	-	(523,276)	(558,468)	171,463
771	CHUGACH SD	(24,072)	-	-	-	(148,157)	(172,229)	117,284
775	TANANA SD	(7,313)	-	-	-	(2,899)	(10,213)	35,632
777	KASHUNAMIUT SD	(31,496)	-	-	-	(247,736)	(279,232)	153,455
778	YUPIIT SD	(37,877)	-	-	-	(834,369)	(872,245)	184,546
779	SPECIAL EDUCATION SERVICE AGENCY	(14,058)	-	-	-	(122,074)	(136,132)	68,493
780	ALEUTIANS EAST BOROUGH SD	(36,455)	-	-	-	(240,993)	(277,448)	177,620
Subtotal		(12,457,200)	-	-	-	(94,818,276)	(107,275,476)	60,694,729
Nonemployer:								
999	STATE OF ALASKA	(21,342,376)	-	-	-	(5,043,188)	(26,385,564)	103,985,622
Total		(33,799,576)	-	-	-	(99,861,464)	(133,661,040)	164,680,351

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

*Same as FY16 for certain employers who have zero present value of future contributions. All other emp

State of Alaska Teachers' Retirement System
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2017

		<u>Pension Expense Recognized</u>	
Employer Number	Employer Name	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions	Total
770	ANNETTE ISLAND SD	(229,979)	(58,516)
771	CHUGACH SD	(10,330)	106,955
775	TANANA SD	(5,880)	29,752
777	KASHUNAMIUT SD	(66,417)	87,038
778	YUPIIT SD	(635,591)	(451,045)
779	SPECIAL EDUCATION SERVICE AGENCY	(82,483)	(13,991)
780	ALEUTIANS EAST BOROUGH SD	96,425	274,045
Subtotal		(48,145,876)	12,548,853
Nonemployer:			
999	STATE OF ALASKA	48,145,876	152,131,498
Total		0	164,680,351

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

*Same as FY16 for certain employers who have zero present value of future contributions. All other emp

State of Alaska Teachers' Retirement System
 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
Employer:							
701	ANCHORAGE SD	(32,197,514)	10,619,508	5,112,156	(6,084,374)	-	-
704	CORDOVA CITY SD	(181,061)	74,797	36,007	(42,855)	-	-
705	CRAIG CITY SD	(237,040)	89,139	42,911	(51,072)	-	-
706	FAIRBANKS NORTH STAR BOROUGH SD	(10,661,218)	2,969,307	1,429,403	(1,701,244)	-	-
707	HAINES BOROUGH SD	(148,641)	66,044	31,793	(37,839)	-	-
708	HOONAH CITY SD	(16,590)	42,205	20,317	(24,181)	-	-
709	HYDABURG CITY SD	32,225	25,831	12,435	(14,800)	-	-
710	JUNEAU BOROUGH SD	(2,946,100)	1,159,203	558,032	(664,157)	-	-
712	KAKE CITY SD	(71,675)	43,026	20,712	(24,651)	-	-
714	KETCHIKAN GATEWAY BOROUGH SD	(1,577,974)	574,463	276,542	(329,134)	-	-
717	KLAWOCK CITY SD	(122,045)	47,833	23,026	(27,405)	-	-
718	KODIAK ISLAND BOROUGH SD	(1,355,687)	555,158	267,249	(318,074)	-	-
719	NENANA CITY SD	(230,156)	86,638	41,707	(49,639)	-	-
720	NOME CITY SD	(682,588)	175,192	84,336	(100,375)	-	-
722	MATANUSKA-SUSITNA BOROUGH SD	(10,918,169)	3,924,517	1,889,235	(2,248,525)	-	-
723	PELICAN CITY SD	(3,001)	2,607	1,255	(1,494)	-	-
724	PETERSBURG CITY SD	(235,805)	136,073	65,505	(77,962)	-	-
727	SITKA BOROUGH SD	(951,384)	360,700	173,638	(206,661)	-	-
728	SKAGWAY CITY SD	(48,408)	37,594	18,098	(21,539)	-	-
729	UNALASKA CITY SD	(451,218)	107,233	51,621	(61,438)	-	-
730	VALDEZ CITY SD	(392,330)	192,386	92,613	(110,226)	-	-
731	WRANGELL PUBLIC SD	(149,212)	75,735	36,458	(43,392)	-	-
732	YAKUTAT SD	(94,509)	21,884	10,535	(12,538)	-	-
733	UNIVERSITY OF ALASKA	(5,321,351)	1,347,681	648,764	(772,145)	-	-
735	GALENA CITY SD	(483,567)	218,491	105,180	(125,183)	-	-
736	NORTH SLOPE BOROUGH SD	(2,478,938)	548,670	264,126	(314,357)	-	-
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(846,052)	561,215	270,165	(321,544)	-	-
742	BRISTOL BAY BOROUGH SD	(137,137)	25,988	12,510	(14,889)	-	-
743	SOUTHEAST REGIONAL RESOURCE CENTER	11,662	29,583	14,241	(16,949)	-	-
744	DILLINGHAM CITY SD	(510,950)	141,974	68,345	(81,343)	-	-
746	KENAI PENINSULA BOROUGH SD	(7,182,033)	1,983,381	954,786	(1,136,365)	-	-
748	SAINT MARY'S SD	(58,711)	45,801	22,048	(26,241)	-	-
751	NORTHWEST ARCTIC BOROUGH SD	(1,567,857)	564,341	271,670	(323,335)	-	-
752	BERING STRAIT SD	(1,319,398)	610,259	293,774	(349,644)	-	-
753	LOWER YUKON SD	(2,192,051)	491,654	236,679	(281,690)	-	-
754	LOWER KUSKOKWIM SD	(2,885,644)	1,081,357	520,558	(619,556)	-	-
755	KUSPUK SD	(441,050)	120,442	57,980	(69,006)	-	-
756	SOUTHWEST REGION SD	(656,148)	170,580	82,116	(97,733)	-	-
757	LAKE AND PENINSULA BOROUGH SD	(553,762)	136,738	65,825	(78,343)	-	-
758	ALEUTIAN REGION SD	(25,920)	13,170	6,340	(7,545)	-	-
759	PRIBILOF SD	(56,738)	18,445	8,879	(10,568)	-	-
761	IDITAROD AREA SD	(604,456)	56,118	27,015	(32,152)	-	-
762	YUKON / KOYUKUK SD	(871,161)	173,003	83,282	(99,121)	-	-
763	YUKON FLATS SD	(371,298)	78,862	37,963	(45,183)	-	-
764	DENALI BOROUGH SD	(97,166)	91,914	44,247	(52,662)	-	-
765	DELTA/GREELY SD	(411,962)	164,484	79,181	(94,240)	-	-
766	ALASKA GATEWAY SD	(442,143)	101,293	48,762	(58,035)	-	-
767	COPPER RIVER SD	(343,706)	77,728	37,418	(44,534)	-	-
768	CHATHAM SD	(73,538)	54,984	26,469	(31,503)	-	-
769	SOUTHEAST ISLAND SD	(332,300)	63,972	30,796	(36,653)	-	-

State of Alaska Teachers' Retirement System
 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
770	ANNETTE ISLAND SD	(509,526)	87,068	41,914	(49,885)	-	-
771	CHUGACH SD	(145,748)	59,557	28,670	(34,123)	-	-
775	TANANA SD	(6,602)	18,094	8,710	(10,367)	-	-
777	KASHUNAMIUT SD	(247,306)	77,924	37,512	(44,646)	-	-
778	YUPIIT SD	(831,152)	93,712	45,112	(53,691)	-	-
779	SPECIAL EDUCATION SERVICE AGENCY	(124,895)	34,780	16,743	(19,927)	-	-
780	ALEUTIANS EAST BOROUGH SD	(223,354)	90,195	43,419	(51,676)	-	-
Subtotal		(95,982,056)	30,820,532	14,836,785	(17,658,413)	-	-
Nonemployer:							
999	STATE OF ALASKA	78,870,888	52,803,468	25,419,215	(30,253,387)	-	-
Total		(17,111,168)	83,624,000	40,256,000	(47,911,800)	-	-

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

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

Employer Number	Employer Name	FY2017	FY2016	FY2015	FY2014	FY2013
Employer:						
701	ANCHORAGE SD	12,990,980.15	11,850,582.30	12,824,988.74	12,944,265.05	12,967,146.96
704	CORDOVA CITY SD	110,356.31	96,779.88	93,120.75	114,056.49	134,509.15
705	CRAIG CITY SD	122,462.27	104,267.87	110,761.75	113,631.46	106,528.43
706	FAIRBANKS NORTH STAR BOROUGH SD	3,813,656.10	3,539,896.52	3,876,399.16	3,910,652.78	3,920,578.38
707	HAINES BOROUGH SD	65,342.91	46,280.70	67,345.72	78,746.93	84,746.36
708	HOONAH CITY SD	39,307.21	44,647.71	46,108.75	52,512.11	51,599.68
709	HYDABURG CITY SD	28,580.79	16,965.60	3,661.09	22,352.49	25,019.04
710	JUNEAU BOROUGH SD	1,428,279.01	1,339,264.79	1,401,567.10	1,395,436.86	1,388,404.23
712	KAKE CITY SD	38,986.47	33,982.63	34,224.50	34,293.75	27,714.89
714	KETCHIKAN GATEWAY BOROUGH SD	728,834.65	646,878.19	737,815.48	681,583.56	656,885.26
717	KLAWOCK CITY SD	64,678.50	55,503.68	57,146.15	68,293.97	74,984.47
718	KODIAK ISLAND BOROUGH SD	610,298.27	543,048.16	647,632.39	736,576.50	785,788.06
719	NENANA CITY SD	108,599.95	105,733.21	91,496.71	105,890.03	106,618.13
720	NOME CITY SD	200,341.30	180,778.20	196,990.87	205,072.74	195,169.00
722	MATANUSKA-SUSITNA BOROUGH SD	4,891,947.35	4,448,917.08	4,732,180.64	4,601,861.36	4,409,181.16
723	PELICAN CITY SD	608.50	76.62	56.78	3,589.51	3,981.63
724	PETERSBURG CITY SD	144,371.57	173,758.53	178,211.83	180,274.61	169,338.09
727	SITKA BOROUGH SD	456,554.22	409,791.72	458,336.30	484,459.11	473,074.95
728	SKAGWAY CITY SD	44,914.04	35,596.03	36,740.10	34,126.76	36,943.54
729	UNALASKA CITY SD	133,597.79	122,560.66	123,108.89	133,745.23	127,900.55
730	VALDEZ CITY SD	299,120.88	257,196.19	289,734.26	275,478.92	261,914.70
731	WRANGELL PUBLIC SD	79,313.66	78,637.34	74,800.77	104,691.78	99,330.78
732	YAKUTAT SD	31,855.13	49,446.62	35,975.53	47,318.00	45,659.99
733	UNIVERSITY OF ALASKA	2,003,497.77	1,973,801.21	2,314,144.86	2,385,214.75	2,390,342.26
735	GALENA CITY SD	281,796.14	251,851.54	266,991.31	287,316.68	260,063.00
736	NORTH SLOPE BOROUGH SD	588,274.37	537,956.23	591,144.30	674,449.67	676,595.46
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	1,021,449.29	924,799.69	12,499,595.78	1,950,888.39	1,835,361.68
742	BRISTOL BAY BOROUGH SD	20,636.04	18,408.57	27,110.92	27,876.63	34,751.67
743	SOUTHEAST REGIONAL RESOURCE CENTER	20,947.30	17,531.74	22,454.25	22,918.33	27,895.11
744	DILLINGHAM CITY SD	107,310.86	114,435.18	148,548.89	173,274.14	178,455.39
746	KENAI PENINSULA BOROUGH SD	2,404,195.88	2,256,776.91	2,407,075.35	2,496,327.70	2,417,499.71
748	SAINT MARY'S SD	60,148.20	46,770.29	44,151.15	50,155.46	46,615.58
751	NORTHWEST ARCTIC BOROUGH SD	527,859.50	451,722.60	492,081.43	590,282.99	577,278.97
752	BERING STRAIT SD	522,908.85	387,570.48	436,529.41	598,504.58	626,717.90
753	LOWER YUKON SD	474,846.31	400,163.68	393,486.39	462,619.38	424,090.91
754	LOWER KUSKOKWIM SD	1,163,146.26	1,002,614.58	1,109,994.99	1,243,560.52	1,264,987.87
755	KUSPUK SD	106,665.67	98,039.16	121,708.95	111,898.63	123,148.02
756	SOUTHWEST REGION SD	149,932.92	141,065.85	145,378.20	190,830.66	185,196.37
757	LAKE AND PENINSULA BOROUGH SD	108,447.69	77,482.72	94,679.59	130,806.45	127,255.05
758	ALEUTIAN REGION SD	10,584.56	7,850.15	14,119.00	16,854.59	13,201.59
759	PRIBILOF SD	17,771.92	14,521.38	16,079.31	19,331.86	15,736.51
761	IDITAROD AREA SD	45,347.99	21,794.20	51,062.10	67,432.41	52,557.27
762	YUKON / KOYUKUK SD	177,044.19	159,466.25	154,570.86	187,901.58	182,490.96
763	YUKON FLATS SD	77,228.68	65,702.65	83,976.89	101,768.55	103,279.70
764	DENALI BOROUGH SD	94,971.62	84,272.06	83,803.92	80,803.37	103,544.58
765	DELTA/GREELY SD	184,543.20	156,301.76	162,564.80	165,181.36	180,110.48
766	ALASKA GATEWAY SD	115,656.94	124,560.43	127,792.49	128,419.54	124,349.06
767	COPPER RIVER SD	94,597.33	105,461.10	115,656.27	121,758.26	132,304.75
768	CHATHAM SD	42,347.93	47,878.93	48,982.02	60,291.65	63,121.28
769	SOUTHEAST ISLAND SD	54,174.58	67,931.90	74,096.35	77,776.57	71,859.89

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

Employer Number	Employer Name	FY2017	FY2016	FY2015	FY2014	FY2013
770	ANNETTE ISLAND SD	67,476.91	70,300.50	81,025.75	82,384.77	85,821.49
771	CHUGACH SD	85,760.23	74,674.62	75,164.66	72,052.02	82,653.26
775	TANANA SD	17,017.84	12,662.15	10,393.95	12,850.77	10,744.46
777	KASHUNAMIUT SD	62,184.10	40,883.20	31,482.25	38,671.83	45,023.45
778	YUPIIT SD	95,205.56	68,270.32	65,344.19	89,913.58	120,550.86
779	SPECIAL EDUCATION SERVICE AGENCY	30,286.61	30,638.78	39,682.45	41,387.48	46,164.58
780	ALEUTIANS EAST BOROUGH SD	86,295.82	75,751.86	87,302.23	99,826.48	97,141.58
Subtotal		37,353,546.09	34,110,502.90	48,556,579.52	39,190,441.63	38,879,928.13
Nonemployer:						
999	STATE OF ALASKA	115,980,240.01	89,957,454.13	1,650,517,011.02	207,270,949.96	195,434,950.61
Total		153,333,786.10	124,067,957.03	1,699,073,590.54	246,461,391.59	234,314,878.74

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

		FY2012	FY2011	FY2010	FY2009
Total	Total Plan Contributions	195,576,000	142,147,000	134,275,000	131,533,000
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		FY2008			
Total	Total Plan Contributions	142,550,000			

State of Alaska Teachers' Retirement System
 Schedule F - Present Value of Future State Assistance Contributions as of 6/30/2017

Employer Number	Employer Name	Present Value of Future State Assistance Contributions	Employer Proportion
701	ANCHORAGE SD	474,247,000.00	35.09834%
704	CORDOVA CITY SD	3,348,000.00	0.24778%
705	CRAIG CITY SD	3,987,000.00	0.29507%
706	FAIRBANKS NORTH STAR BOROUGH SD	132,607,000.00	9.81405%
707	HAINES BOROUGH SD	2,948,000.00	0.21818%
708	HOONAH CITY SD	1,886,000.00	0.13958%
709	HYDABURG CITY SD	1,156,000.00	0.08555%
710	JUNEAU BOROUGH SD	51,767,000.00	3.83120%
712	KAKE CITY SD	1,922,000.00	0.14224%
714	KETCHIKAN GATEWAY BOROUGH SD	25,657,000.00	1.89884%
717	KLAWOCK CITY SD	2,135,000.00	0.15801%
718	KODIAK ISLAND BOROUGH SD	24,792,000.00	1.83482%
719	NENANA CITY SD	3,869,000.00	0.28634%
720	NOME CITY SD	7,827,000.00	0.57927%
722	MATANUSKA-SUSITNA BOROUGH SD	175,257,000.00	12.97052%
723	PELICAN CITY SD	-	0.00000%
724	PETERSBURG CITY SD	6,077,000.00	0.44975%
727	SITKA BOROUGH SD	16,107,000.00	1.19206%
728	SKAGWAY CITY SD	1,675,000.00	0.12396%
729	UNALASKA CITY SD	4,784,000.00	0.35406%
730	VALDEZ CITY SD	8,588,000.00	0.63559%
731	WRANGELL PUBLIC SD	3,383,000.00	0.25037%
732	YAKUTAT SD	976,000.00	0.07223%
733	UNIVERSITY OF ALASKA	60,181,000.00	4.45391%
735	GALENA CITY SD	9,758,000.00	0.72218%
736	NORTH SLOPE BOROUGH SD	24,506,000.00	1.81365%
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	-	0.00000%
742	BRISTOL BAY BOROUGH SD	1,162,000.00	0.08600%
743	SOUTHEAST REGIONAL RESOURCE CENTER	1,319,000.00	0.09762%
744	DILLINGHAM CITY SD	6,340,000.00	0.46921%
746	KENAI PENINSULA BOROUGH SD	88,573,000.00	6.55516%
748	SAINT MARY'S SD	2,043,000.00	0.15120%
751	NORTHWEST ARCTIC BOROUGH SD	25,209,000.00	1.86568%
752	BERING STRAIT SD	27,252,000.00	2.01688%
753	LOWER YUKON SD	21,952,000.00	1.62464%
754	LOWER KUSKOKWIM SD	48,289,000.00	3.57380%
755	KUSPUK SD	5,380,000.00	0.39817%
756	SOUTHWEST REGION SD	7,611,000.00	0.56328%
757	LAKE AND PENINSULA BOROUGH SD	6,110,000.00	0.45219%
758	ALEUTIAN REGION SD	586,000.00	0.04337%
759	PRIBILOF SD	823,000.00	0.06091%
761	IDITAROD AREA SD	2,509,000.00	0.18569%
762	YUKON / KOYUKUK SD	7,727,000.00	0.57186%
763	YUKON FLATS SD	3,525,000.00	0.26088%
764	DENALI BOROUGH SD	4,106,000.00	0.30388%
765	DELTA/GREELY SD	7,342,000.00	0.54337%
766	ALASKA GATEWAY SD	4,522,000.00	0.33467%
767	COPPER RIVER SD	3,467,000.00	0.25659%
768	CHATHAM SD	2,453,000.00	0.18154%
769	SOUTHEAST ISLAND SD	2,855,000.00	0.21129%
770	ANNETTE ISLAND SD	3,891,000.00	0.28797%
771	CHUGACH SD	2,661,000.00	0.19694%
775	TANANA SD	804,000.00	0.05950%
777	KASHUNAMIUT SD	3,482,000.00	0.25770%
778	YUPIIT SD	4,185,000.00	0.30973%
779	SPECIAL EDUCATION SERVICE AGENCY	1,552,000.00	0.11486%
780	ALEUTIANS EAST BOROUGH SD	4,025,000.00	0.29788%
Total		1,351,195,000.00	100.00000%

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

State of Alaska Teachers' Retirement System
 Schedule G - Supplemental Schedule of Special Funding Amounts by Employer as of 6/30/2017

Employer Number	Employer Name	State Proportionate Share of Net Pension Liability Attributable to Employer	Proportionate Share of Pension Plan Expense
701	ANCHORAGE SD	449,147,185.71	36,497,226.01
704	CORDOVA CITY SD	3,170,805.04	257,656.27
705	CRAIG CITY SD	3,775,985.57	306,832.60
706	FAIRBANKS NORTH STAR BOROUGH SD	125,588,692.93	10,205,204.56
707	HAINES BOROUGH SD	2,791,975.29	226,872.96
708	HOONAH CITY SD	1,786,182.29	145,143.29
709	HYDABURG CITY SD	1,094,817.99	88,963.75
710	JUNEAU BOROUGH SD	49,027,199.67	3,983,898.47
712	KAKE CITY SD	1,820,276.97	147,913.78
714	KETCHIKAN GATEWAY BOROUGH SD	24,299,087.49	1,974,518.19
717	KLAWOCK CITY SD	2,022,003.81	164,305.89
718	KODIAK ISLAND BOROUGH SD	23,479,868.15	1,907,949.29
719	NENANA CITY SD	3,664,230.79	297,751.52
720	NOME CITY SD	7,412,751.21	602,352.34
722	MATANUSKA-SUSITNA BOROUGH SD	165,981,415.44	13,487,474.54
723	PELICAN CITY SD	-	-
724	PETERSBURG CITY SD	5,755,371.04	467,675.37
727	SITKA BOROUGH SD	15,254,527.11	1,239,566.76
728	SKAGWAY CITY SD	1,586,349.59	128,905.09
729	UNALASKA CITY SD	4,530,803.86	368,168.34
730	VALDEZ CITY SD	8,133,474.82	660,917.57
731	WRANGELL PUBLIC SD	3,203,952.64	260,349.81
732	YAKUTAT SD	924,344.60	75,111.27
733	UNIVERSITY OF ALASKA	56,995,883.54	4,631,425.31
735	GALENA CITY SD	9,241,551.85	750,958.74
736	NORTH SLOPE BOROUGH SD	23,209,004.87	1,885,939.23
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	-	-
742	BRISTOL BAY BOROUGH SD	1,100,500.44	89,425.50
743	SOUTHEAST REGIONAL RESOURCE CENTER	1,249,191.11	101,507.95
744	DILLINGHAM CITY SD	6,004,451.60	487,915.40
746	KENAI PENINSULA BOROUGH SD	83,885,219.47	6,816,424.35
748	SAINT MARY'S SD	1,934,872.97	157,225.73
751	NORTHWEST ARCTIC BOROUGH SD	23,874,798.16	1,940,040.89
752	BERING STRAIT SD	25,809,671.13	2,097,266.62
753	LOWER YUKON SD	20,790,176.89	1,689,387.82
754	LOWER KUSKOKWIM SD	45,733,274.96	3,716,237.63
755	KUSPUK SD	5,095,260.19	414,035.46
756	SOUTHWEST REGION SD	7,208,183.14	585,729.35
757	LAKE AND PENINSULA BOROUGH SD	5,786,624.49	470,215.00
758	ALEUTIAN REGION SD	554,985.59	45,097.54
759	PRIBILOF SD	779,442.22	63,336.65
761	IDITAROD AREA SD	2,376,209.63	193,088.29
762	YUKON / KOYUKUK SD	7,318,043.77	594,656.51
763	YUKON FLATS SD	3,338,437.21	271,277.88
764	DENALI BOROUGH SD	3,888,687.42	315,990.63
765	DELTA/GREELY SD	6,953,420.13	565,027.58
766	ALASKA GATEWAY SD	4,282,670.37	348,005.27
767	COPPER RIVER SD	3,283,506.89	266,814.30
768	CHATHAM SD	2,323,173.47	188,778.62
769	SOUTHEAST ISLAND SD	2,703,897.37	219,715.84
770	ANNETTE ISLAND SD	3,685,066.43	299,444.61
771	CHUGACH SD	2,520,164.94	204,785.94
775	TANANA SD	761,447.81	61,874.44
777	KASHUNAMIUT SD	3,297,713.01	267,968.68
778	YUPIIT SD	3,963,506.30	322,070.34
779	SPECIAL EDUCATION SERVICE AGENCY	1,469,859.45	119,439.23
780	ALEUTIANS EAST BOROUGH SD	3,811,974.40	309,757.01
Total		1,279,682,173.22	103,985,622.04

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