

# State of Alaska

## Teachers' Retirement System

### Information Required Under Governmental Accounting Standards Board Statement No. 68 as of June 30, 2016

April 2017

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April 17, 2017

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, 2016**

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, 2017 based on a measurement date of June 30, 2016. Under GASB 68, accounting information prepared under GASB 67 as of June 30, 2016 (as previously provided) serves as the basis for these disclosures, which may be used for financial reporting for the fiscal year ending June 30, 2017. Please refer to the GASB 67 report dated October 12, 2016 for any supplemental information or documentation.

This report covers the pension portion of the defined benefit pension plan and the assets and liabilities of the Teachers' Retirement System (TRS).

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 in accordance with the requirements of GASB 68 as of June 30, 2016.

The ARM Board 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 ARM Board, 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, 2015 actuarial valuation of TRS, except as noted herein. In our 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 our supervision and in accordance with all applicable Actuarial Standards of Practice. David Kershner is a Fellow of the Society of Actuaries, and Larry Langer is an Associate of the Society of Actuaries. Both are Enrolled Actuaries, Fellows of the Conference of Consulting 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.

Conduent HR Services



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



Larry Langer, ASA, EA, MAAA, FCA  
Principal

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## Section 1 – GASB 68 Information

### Pension Expense

	FYE June 30, 2016	FYE June 30, 2015
Service cost	\$ 61,011,000	\$ 63,608,000
Interest cost	550,392,000	540,981,000
Expected return on assets	(409,499,000)	(369,401,000)
Current period effect of benefit changes	0	0
Current period difference between expected and actual experience	(26,515,238)	(2,711,102)
Current period effect of changes in assumptions	0	74,692,381
Current period difference between projected and actual investment earnings	88,167,800	43,368,000
Member contributions	(42,654,000)	(45,506,000)
Administrative expenses	2,648,000	2,789,000
Service purchases and plan transfers	0	0
Current period recognition of prior years' deferred outflows of resources	118,060,381	0
Current period recognition of prior years' deferred inflows of resources	(69,646,693)	(66,935,591)
Other Additions Less Other Deductions	<u>(95,000)</u>	<u>(9,000)</u>
Total	\$ 271,869,250	\$ 240,875,688

The employers' allocation of the pension expense for FY2016 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:

- 2.1 years as of June 30, 2015 (for FYE June 30, 2016)
- 2.1 years as of June 30, 2014 (for FYE June 30, 2015)

### Actuarial Assumptions

The total pension liability for fiscal year ending June 30, 2016 was determined by an actuarial valuation as of June 30, 2015, 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, 2016.

The actuarial assumptions used in the June 30, 2015 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, 2015 and June 30, 2016 are shown in Appendix 1 and Appendix 2.

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

The employers' allocation of deferred outflows/inflows of resources as of June 30, 2016 is shown in Schedule C in Appendix 3.

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

The employers' allocation of June 30, 2016 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 - FY2016.

### **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.

## 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 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.

### **a. 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.

### **b. Valuation of Assets**

The actuarial asset value was reinitialized to equal Fair Value of Assets as of June 30, 2014. Beginning in FY2015, 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.

**C. 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, 2015 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, 2013. Chapter 97, 1990 Session Laws of Alaska, created a two-tier retirement system. Members who were first hired under the 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 the TRS, including the State of Alaska, 53 school districts, and three other eligible organizations.

### 4. **Membership**

Membership in the Alaska 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 the TRS;
- members on approved sabbatical leave under AS 14.20.310;
- certain State legislators who have elected to be covered under the 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 the TRS.

Employees who work half-time in the TRS and 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 the 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 the 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 the 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. The 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 the 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 the 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 the 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 the 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 the 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 the TRS before July 1, 1990 (Tier 1) and their survivors;
- (b) members who were first hired under the 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 6/30/2015

Employer Number	Employer Name	FY2015 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	271,467,000.00	13.49123%	958,876,412	707,878,709	250,997,703	38,719,256	(5,307,894)		
704	CORDOVA CITY SD	1,812,000.00	0.09005%	6,400,351	4,724,980	1,675,371	73,988	(78,968)		
705	CRAIG CITY SD	2,201,000.00	0.10938%	7,774,378	5,739,339	2,035,039	259,970	(33,162)		
706	FAIRBANKS NORTH STAR BOROUGH SD	78,491,000.00	3.90081%	277,246,105	204,673,525	72,572,580	10,116,882	(1,556,062)		
707	HAINES BOROUGH SD	1,558,000.00	0.07743%	5,503,171	4,062,649	1,440,523	187,991	(41,682)		
708	HOONAH CITY SD	1,031,000.00	0.05124%	3,641,701	2,688,441	953,260	122,422	(18,622)		
709	HYDABURG CITY SD	338,000.00	0.01680%	1,193,884	881,370	312,514	13,801	(27,370)		
710	JUNEAU BOROUGH SD	28,687,000.00	1.42567%	101,328,293	74,804,365	26,523,928	3,924,488	(545,994)		
712	KAKE CITY SD	832,000.00	0.04135%	2,938,792	2,169,527	769,265	162,356	(12,536)		
714	KETCHIKAN GATEWAY BOROUGH SD	14,013,000.00	0.69641%	49,496,753	36,540,369	12,956,384	1,945,290	(227,518)		
717	KLAWOCK CITY SD	1,074,000.00	0.05338%	3,793,585	2,800,568	993,018	43,854	(40,633)		
718	KODIAK ISLAND BOROUGH SD	13,095,000.00	0.65079%	46,254,192	34,146,588	12,107,604	1,104,104	(354,882)		
719	NENANA CITY SD	1,821,000.00	0.09050%	6,432,141	4,748,449	1,683,692	130,259	(38,395)		
720	NOME CITY SD	4,328,000.00	0.21509%	15,287,372	11,285,714	4,001,658	622,395	(65,583)		
722	MATANUSKA-SUSITNA BOROUGH SD	95,568,000.00	4.74949%	337,565,527	249,203,595	88,361,932	13,432,702	(1,502,771)		
723	PELICAN CITY SD	70,000.00	0.00348%	247,254	182,532	64,722	6,534	(2,103)		
724	PETERSBURG CITY SD	3,305,000.00	0.16425%	11,673,929	8,618,135	3,055,795	329,243	(49,796)		
727	SITKA BOROUGH SD	8,965,000.00	0.44554%	31,666,195	23,377,179	8,289,016	901,262	(158,093)		
728	SKAGWAY CITY SD	704,000.00	0.03499%	2,486,671	1,835,754	650,917	98,359	(18,897)		
729	UNALASKA CITY SD	3,058,000.00	0.15197%	10,801,475	7,974,056	2,827,419	508,763	(47,450)		
730	VALDEZ CITY SD	4,320,000.00	0.21469%	15,259,115	11,264,854	3,994,261	178,552	(65,111)		
731	WRANGELL PUBLIC SD	1,485,000.00	0.07380%	5,245,321	3,872,293	1,373,027	61,007	(104,022)		
732	YAKUTAT SD	929,000.00	0.04617%	3,281,416	2,422,465	858,951	107,384	(15,239)		
733	UNIVERSITY OF ALASKA	40,753,000.00	2.02532%	143,947,848	106,267,727	37,680,121	2,947,430	(840,090)		
735	GALENA CITY SD	5,235,000.00	0.26017%	18,491,080	13,650,812	4,840,268	519,363	(78,875)		
736	NORTH SLOPE BOROUGH SD	14,242,000.00	0.70779%	50,305,628	37,137,511	13,168,117	2,020,801	(279,789)		
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	15,684,000.00	0.77946%	55,399,064	40,897,677	14,501,387	676,126	(832,892)		
742	BRISTOL BAY BOROUGH SD	733,000.00	0.03643%	2,589,104	1,911,374	677,730	149,729	(26,245)		
743	SOUTHEAST REGIONAL RESOURCE CENTER	665,000.00	0.03305%	2,348,915	1,734,057	614,857	151,187	(21,272)		
744	DILLINGHAM CITY SD	3,789,000.00	0.18830%	13,383,515	9,880,215	3,503,300	575,817	(82,373)		
746	KENAI PENINSULA BOROUGH SD	50,967,000.00	2.53293%	180,025,764	132,901,804	47,123,960	6,810,166	(849,360)		
748	SAINT MARY'S SD	1,030,000.00	0.05119%	3,638,169	2,685,833	952,335	139,278	(15,519)		
751	NORTHWEST ARCTIC BOROUGH SD	11,776,000.00	0.58524%	41,595,216	30,707,157	10,888,060	1,446,185	(207,072)		
752	BERING STRAIT SD	13,808,000.00	0.68622%	48,772,652	36,005,810	12,766,842	2,272,258	(314,389)		
753	LOWER YUKON SD	13,111,000.00	0.65158%	46,310,707	34,188,309	12,122,397	2,909,235	(197,541)		
754	LOWER KUSKOKWIM SD	27,892,000.00	1.38616%	98,520,192	72,731,319	25,788,873	4,469,327	(572,669)		
755	KUSPUK SD	2,391,000.00	0.11883%	8,445,496	6,234,784	2,210,713	360,265	(66,918)		
756	SOUTHWEST REGION SD	4,375,000.00	0.21743%	15,453,386	11,408,272	4,045,114	715,343	(72,865)		
757	LAKE AND PENINSULA BOROUGH SD	3,349,000.00	0.16644%	11,829,346	8,732,869	3,096,477	644,918	(55,794)		
758	ALEUTIAN REGION SD	365,000.00	0.01814%	1,289,254	951,776	337,478	59,440	(5,499)		
759	PRIBILOF SD	556,000.00	0.02763%	1,963,905	1,449,828	514,076	128,684	(8,377)		
761	IDITAROD AREA SD	1,997,000.00	0.09925%	7,053,808	5,207,387	1,846,421	476,392	(30,088)		
762	YUKON / KOYUKUK SD	4,076,000.00	0.20257%	14,397,257	10,628,598	3,768,659	606,260	(68,507)		
763	YUKON FLATS SD	2,534,000.00	0.12593%	8,950,601	6,607,671	2,342,930	475,033	(50,207)		
764	DENALI BOROUGH SD	2,195,000.00	0.10909%	7,753,184	5,723,693	2,029,491	468,311	(82,318)		
765	DELTA/GREELY SD	3,986,000.00	0.19809%	14,079,359	10,393,914	3,685,446	727,789	(102,569)		
766	ALASKA GATEWAY SD	2,813,000.00	0.13980%	9,936,086	7,335,193	2,600,893	438,201	(46,545)		
767	COPPER RIVER SD	2,103,000.00	0.10451%	7,428,222	5,483,793	1,944,428	159,343	(62,178)		
768	CHATHAM SD	917,000.00	0.04557%	3,239,030	2,391,174	847,856	37,443	(43,216)		
769	SOUTHEAST ISLAND SD	1,808,000.00	0.08985%	6,386,222	4,714,550	1,671,672	314,340	(27,241)		

State of Alaska Teachers' Retirement System  
 Schedule A - Employers' Allocation of Net Pension Liability as of 6/30/2015

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		362,262,296	157,759,415
704	CORDOVA CITY SD		2,418,044	1,053,020
705	CRAIG CITY SD		2,937,150	1,279,082
706	FAIRBANKS NORTH STAR BOROUGH SD		104,743,228	45,613,995
707	HAINES BOROUGH SD		2,079,091	905,411
708	HOONAH CITY SD		1,375,830	599,152
709	HYDABURG CITY SD		451,048	196,424
710	JUNEAU BOROUGH SD		38,281,701	16,671,066
712	KAKE CITY SD		1,110,272	483,506
714	KETCHIKAN GATEWAY BOROUGH SD		18,699,811	8,143,467
717	KLAWOCK CITY SD		1,433,212	624,141
718	KODIAK ISLAND BOROUGH SD		17,474,775	7,609,984
719	NENANA CITY SD		2,430,055	1,058,250
720	NOME CITY SD		5,775,550	2,515,159
722	MATANUSKA-SUSITNA BOROUGH SD		127,531,829	55,538,065
723	PELICAN CITY SD		93,412	40,680
724	PETERSBURG CITY SD		4,410,396	1,920,657
727	SITKA BOROUGH SD		11,963,449	5,209,890
728	SKAGWAY CITY SD		939,461	409,120
729	UNALASKA CITY SD		4,080,784	1,777,116
730	VALDEZ CITY SD		5,764,874	2,510,510
731	WRANGELL PUBLIC SD		1,981,676	862,988
732	YAKUTAT SD		1,239,715	539,876
733	UNIVERSITY OF ALASKA		54,383,315	23,683,061
735	GALENA CITY SD		6,985,907	3,042,250
736	NORTH SLOPE BOROUGH SD		19,005,403	8,276,548
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)		20,929,696	9,114,547
742	BRISTOL BAY BOROUGH SD		978,160	425,973
743	SOUTHEAST REGIONAL RESOURCE CENTER		887,417	386,456
744	DILLINGHAM CITY SD		5,056,275	2,201,927
746	KENAI PENINSULA BOROUGH SD		68,013,506	29,618,790
748	SAINT MARY'S SD		1,374,495	598,571
751	NORTHWEST ARCTIC BOROUGH SD		15,714,620	6,843,465
752	BERING STRAIT SD		18,426,246	8,024,334
753	LOWER YUKON SD		17,496,126	7,619,282
754	LOWER KUSKOKWIM SD		37,220,804	16,209,063
755	KUSPUK SD		3,190,698	1,389,498
756	SOUTHWEST REGION SD		5,838,270	2,542,473
757	LAKE AND PENINSULA BOROUGH SD		4,469,112	1,946,227
758	ALEUTIAN REGION SD		487,078	212,115
759	PRIBILOF SD		741,961	323,112
761	IDITAROD AREA SD		2,664,920	1,160,530
762	YUKON / KOYUKUK SD		5,439,266	2,368,713
763	YUKON FLATS SD		3,381,526	1,472,600
764	DENALI BOROUGH SD		2,929,143	1,275,595
765	DELTA/GREELY SD		5,319,164	2,316,411
766	ALASKA GATEWAY SD		3,753,841	1,634,737
767	COPPER RIVER SD		2,806,373	1,222,130
768	CHATHAM SD		1,223,701	532,902
769	SOUTHEAST ISLAND SD		2,412,707	1,050,695

State of Alaska Teachers' Retirement System  
 Schedule A - Employers' Allocation of Net Pension Liability as of 6/30/2015

Employer Number	Employer Name	FY2015 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	2,262,000.00	0.11242%	7,989,842	5,898,403	2,091,439	485,956	(47,896)		
771	CHUGACH SD	1,354,000.00	0.06729%	4,782,602	3,530,697	1,251,905	146,985	(46,480)		
775	TANANA SD	437,000.00	0.02172%	1,543,572	1,139,523	404,049	115,124	(6,584)		
777	KASHUNAMIUT SD	1,833,000.00	0.09110%	6,474,527	4,779,740	1,694,787	570,907	(42,834)		
778	YUPIIT SD	3,267,000.00	0.16236%	11,539,706	8,519,046	3,020,660	876,658	(113,847)		
779	SPECIAL EDUCATION SERVICE AGENCY	928,000.00	0.04612%	3,277,884	2,419,857	858,026	150,053	(26,544)		
780	ALEUTIANS EAST BOROUGH SD	1,674,000.00	0.08319%	5,912,907	4,365,131	1,547,776	104,166	(29,340)		
<b>Subtotal</b>		<b>784,057,000.00</b>	<b>38.96567%</b>	<b>2,769,448,083</b>	<b>2,044,510,960</b>	<b>724,937,123</b>	<b>106,199,373</b>	<b>(15,666,717.07)</b>		
Nonemployer:										
999	STATE OF ALASKA	1,228,117,000.00	61.03433%	4,337,957,917	3,202,444,040	1,135,513,877	53,133,845	(91,821,870)		
<b>Total</b>		<b>2,012,174,000.00</b>	<b>100.00000%</b>	<b>7,107,406,000</b>	<b>5,246,955,000</b>	<b>1,860,451,000</b>	<b>159,333,219</b>	<b>(107,488,587)</b>	<b>73.82%</b>	<b>490,667,000</b>

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 6/30/2015

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		3,018,552	1,314,531
771	CHUGACH SD		1,806,861	786,859
775	TANANA SD		583,160	253,957
777	KASHUNAMIUT SD		2,446,068	1,065,223
778	YUPIIT SD		4,359,686	1,898,573
779	SPECIAL EDUCATION SERVICE AGENCY		1,238,380	539,295
780	ALEUTIANS EAST BOROUGH SD		2,233,889	972,823
<b>Subtotal</b>			1,046,293,983.84	455,644,235.95
Nonemployer:				
999	STATE OF ALASKA		1,638,875,016	713,703,764
<b>Total</b>		<b>379.17%</b>	<b>2,685,169,000</b>	<b>1,169,348,000</b>

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 6/30/2016

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
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 B - 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 B - 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)		
<b>Subtotal</b>		828,069,000.00	46.09764%	3,330,805,869	2,278,238,126	1,052,567,744	227,032,711	(14,182,854)		
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)		
<b>Total</b>		<b>1,796,337,000.00</b>	<b>100.00000%</b>	<b>7,225,545,000</b>	<b>4,942,201,000</b>	<b>2,283,344,000</b>	<b>419,126,298</b>	<b>(92,190,915)</b>	<b>68.40%</b>	<b>473,734,000</b>

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 6/30/2016

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
<b>Subtotal</b>			<b>1,434,253,915</b>	<b>732,556,991</b>
Nonemployer:				
999	STATE OF ALASKA		1,677,085,085	856,585,009
<b>Total</b>		<b>481.99%</b>	<b>3,111,339,000</b>	<b>1,589,142,000</b>

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

State of Alaska Teachers' Retirement System  
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2016

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	360,329,506	15.78078%	-	1,178,704	-	55,059,777	20,154,574	76,393,055
704	CORDOVA CITY SD	2,451,973	0.10739%	-	8,021	-	374,671	145,117	527,809
705	CRAIG CITY SD	2,961,689	0.12971%	-	9,688	-	452,558	178,079	640,325
706	FAIRBANKS NORTH STAR BOROUGH SD	105,186,990	4.60671%	-	344,086	-	16,072,989	6,176,276	22,593,351
707	HAINES BOROUGH SD	2,093,520	0.09169%	-	6,848	-	319,898	111,039	437,785
708	HOONAH CITY SD	1,121,120	0.04910%	-	3,667	-	171,312	7,302	182,281
709	HYDABURG CITY SD	610,133	0.02672%	-	1,996	-	93,231	85,531	180,758
710	JUNEAU BOROUGH SD	37,927,415	1.66105%	-	124,068	-	5,795,459	2,102,193	8,021,719
712	KAKE CITY SD	1,313,058	0.05751%	-	4,295	-	200,640	144,353	349,288
714	KETCHIKAN GATEWAY BOROUGH SD	19,162,001	0.83921%	-	62,682	-	2,928,030	1,271,097	4,261,809
717	KLAWOCK CITY SD	1,586,347	0.06947%	-	5,189	-	242,400	136,446	384,035
718	KODIAK ISLAND BOROUGH SD	17,982,410	0.78755%	-	58,824	-	2,747,783	1,120,013	3,926,620
719	NENANA CITY SD	2,901,947	0.12709%	-	9,493	-	443,429	324,540	777,462
720	NOME CITY SD	6,350,471	0.27812%	-	20,774	-	970,377	551,597	1,542,747
722	MATANUSKA-SUSITNA BOROUGH SD	131,191,382	5.74558%	-	429,151	-	20,046,563	8,899,504	29,375,218
723	PELICAN CITY SD	71,182	0.00312%	-	233	-	10,877	334	11,444
724	PETERSBURG CITY SD	4,134,925	0.18109%	-	13,526	-	631,833	150,191	795,550
727	SITKA BOROUGH SD	11,905,227	0.52139%	-	38,944	-	1,819,166	643,103	2,501,213
728	SKAGWAY CITY SD	1,126,204	0.04932%	-	3,684	-	172,089	128,731	304,503
729	UNALASKA CITY SD	3,945,529	0.17280%	-	12,907	-	602,892	184,055	799,854
730	VALDEZ CITY SD	6,168,702	0.27016%	-	20,179	-	942,602	484,829	1,447,610
731	WRANGELL PUBLIC SD	2,387,147	0.10455%	-	7,809	-	364,765	264,520	637,094
732	YAKUTAT SD	785,547	0.03440%	-	2,570	-	120,035	6,314	128,918
733	UNIVERSITY OF ALASKA	48,846,259	2.13924%	-	159,785	-	7,463,902	839,570	8,463,258
735	GALENA CITY SD	6,991,111	0.30618%	-	22,869	-	1,068,270	394,437	1,485,576
736	NORTH SLOPE BOROUGH SD	20,675,894	0.90551%	-	67,635	-	3,159,359	1,697,270	4,924,264
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	17,046,872	0.74657%	-	55,763	-	2,604,830	-	2,660,593
742	BRISTOL BAY BOROUGH SD	1,015,618	0.04448%	-	3,322	-	155,190	67,901	226,414
743	SOUTHEAST REGIONAL RESOURCE CENTER	719,449	0.03151%	-	2,353	-	109,935	11,276	123,564
744	DILLINGHAM CITY SD	4,925,556	0.21572%	-	16,112	-	752,644	217,736	986,493
746	KENAI PENINSULA BOROUGH SD	70,396,678	3.08305%	-	230,280	-	10,756,892	4,820,082	15,807,254
748	SAINT MARY'S SD	1,358,818	0.05951%	-	4,445	-	207,633	73,320	285,397
751	NORTHWEST ARCTIC BOROUGH SD	18,837,867	0.82501%	-	61,622	-	2,878,501	2,059,761	4,999,884
752	BERING STRAIT SD	19,158,187	0.83904%	-	62,670	-	2,927,447	1,260,798	4,250,915
753	LOWER YUKON SD	18,330,694	0.80280%	-	59,963	-	2,801,003	1,333,635	4,194,601
754	LOWER KUSKOKWIM SD	35,372,481	1.54915%	-	115,710	-	5,405,055	1,365,302	6,886,067
755	KUSPUK SD	4,314,151	0.18894%	-	14,112	-	659,219	616,672	1,290,004
756	SOUTHWEST REGION SD	6,079,725	0.26626%	-	19,888	-	929,006	412,314	1,361,208
757	LAKE AND PENINSULA BOROUGH SD	4,947,165	0.21666%	-	16,183	-	755,946	421,806	1,193,935
758	ALEUTIAN REGION SD	397,858	0.01742%	-	1,301	-	60,794	3,576	65,672
759	PRIBILOF SD	611,404	0.02678%	-	2,000	-	93,425	9,192	104,617
761	IDITAROD AREA SD	2,975,671	0.13032%	-	9,734	-	454,694	255,077	719,505
762	YUKON / KOYUKUK SD	6,796,631	0.29766%	-	22,233	-	1,038,552	830,962	1,891,748
763	YUKON FLATS SD	2,945,165	0.12898%	-	9,634	-	450,033	33,779	493,446
764	DENALI BOROUGH SD	2,622,302	0.11484%	-	8,578	-	400,698	58,491	467,767
765	DELTA/GREELY SD	5,347,565	0.23420%	-	17,493	-	817,129	323,082	1,157,704
766	ALASKA GATEWAY SD	3,766,302	0.16495%	-	12,320	-	575,506	225,687	813,513
767	COPPER RIVER SD	2,917,200	0.12776%	-	9,543	-	445,760	199,119	654,421
768	CHATHAM SD	1,637,191	0.07170%	-	5,356	-	250,169	226,018	481,543
769	SOUTHEAST ISLAND SD	2,492,649	0.10917%	-	8,154	-	380,887	169,124	558,165

State of Alaska Teachers' Retirement System  
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2016

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		
Employer:								
701	ANCHORAGE SD	(4,645,526)	-	-	-	-	(4,645,526)	42,903,090
704	CORDOVA CITY SD	(31,612)	-	-	-	(329)	(31,941)	291,947
705	CRAIG CITY SD	(38,183)	-	-	-	-	(38,183)	352,637
706	FAIRBANKS NORTH STAR BOROUGH SD	(1,356,117)	-	-	-	-	(1,356,117)	12,524,222
707	HAINES BOROUGH SD	(26,991)	-	-	-	-	(26,991)	249,268
708	HOONAH CITY SD	(14,454)	-	-	-	(28,778)	(43,232)	133,488
709	HYDABURG CITY SD	(7,866)	-	-	-	(1,394)	(9,260)	72,646
710	JUNEAU BOROUGH SD	(488,977)	-	-	-	-	(488,977)	4,515,876
712	KAKE CITY SD	(16,929)	-	-	-	-	(16,929)	156,341
714	KETCHIKAN GATEWAY BOROUGH SD	(247,045)	-	-	-	-	(247,045)	2,281,548
717	KLAWOCK CITY SD	(20,452)	-	-	-	(538)	(20,990)	188,880
718	KODIAK ISLAND BOROUGH SD	(231,837)	-	-	-	-	(231,837)	2,141,098
719	NENANA CITY SD	(37,413)	-	-	-	-	(37,413)	345,524
720	NOME CITY SD	(81,873)	-	-	-	-	(81,873)	756,127
722	MATANUSKA-SUSITNA BOROUGH SD	(1,691,377)	-	-	-	-	(1,691,377)	15,620,468
723	PELICAN CITY SD	(918)	-	-	-	(5,409)	(6,327)	8,475
724	PETERSBURG CITY SD	(53,309)	-	-	-	-	(53,309)	492,330
727	SITKA BOROUGH SD	(153,487)	-	-	-	-	(153,487)	1,417,511
728	SKAGWAY CITY SD	(14,520)	-	-	-	-	(14,520)	134,093
729	UNALASKA CITY SD	(50,867)	-	-	-	-	(50,867)	469,779
730	VALDEZ CITY SD	(79,530)	-	-	-	-	(79,530)	734,484
731	WRANGELL PUBLIC SD	(30,776)	-	-	-	(7,423)	(38,199)	284,229
732	YAKUTAT SD	(10,128)	-	-	-	(107,921)	(118,048)	93,532
733	UNIVERSITY OF ALASKA	(629,747)	-	-	-	-	(629,747)	5,815,942
735	GALENA CITY SD	(90,132)	-	-	-	-	(90,132)	832,406
736	NORTH SLOPE BOROUGH SD	(266,563)	-	-	-	-	(266,563)	2,461,802
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(219,776)	-	-	-	(366,997)	(586,773)	2,029,707
742	BRISTOL BAY BOROUGH SD	(13,094)	-	-	-	-	(13,094)	120,926
743	SOUTHEAST REGIONAL RESOURCE CENTER	(9,275)	-	-	-	(25,885)	(35,161)	85,662
744	DILLINGHAM CITY SD	(63,502)	-	-	-	-	(63,502)	586,468
746	KENAI PENINSULA BOROUGH SD	(907,585)	-	-	-	-	(907,585)	8,381,870
748	SAINT MARY'S SD	(17,518)	-	-	-	-	(17,518)	161,789
751	NORTHWEST ARCTIC BOROUGH SD	(242,866)	-	-	-	-	(242,866)	2,242,955
752	BERING STRAIT SD	(246,996)	-	-	-	-	(246,996)	2,281,094
753	LOWER YUKON SD	(236,327)	-	-	-	-	(236,327)	2,182,567
754	LOWER KUSKOKWIM SD	(456,038)	-	-	-	-	(456,038)	4,211,669
755	KUSPUK SD	(55,620)	-	-	-	-	(55,620)	513,670
756	SOUTHWEST REGION SD	(78,382)	-	-	-	-	(78,382)	723,890
757	LAKE AND PENINSULA BOROUGH SD	(63,781)	-	-	-	-	(63,781)	589,040
758	ALEUTIAN REGION SD	(5,129)	-	-	-	(13,988)	(19,117)	47,371
759	PRIBILOF SD	(7,882)	-	-	-	(17,896)	(25,778)	72,798
761	IDITAROD AREA SD	(38,364)	-	-	-	-	(38,364)	354,302
762	YUKON / KOYUKUK SD	(87,625)	-	-	-	-	(87,625)	809,250
763	YUKON FLATS SD	(37,970)	-	-	-	(20,502)	(58,472)	350,670
764	DENALI BOROUGH SD	(33,808)	-	-	-	-	(33,808)	312,228
765	DELTA/GREELY SD	(68,943)	-	-	-	-	(68,943)	636,715
766	ALASKA GATEWAY SD	(48,557)	-	-	-	-	(48,557)	448,440
767	COPPER RIVER SD	(37,610)	-	-	-	-	(37,610)	347,340
768	CHATHAM SD	(21,107)	-	-	-	(1,701)	(22,808)	194,934
769	SOUTHEAST ISLAND SD	(32,136)	-	-	-	-	(32,136)	296,790

State of Alaska Teachers' Retirement System  
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2016

		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	39,943,128	82,846,218
704	CORDOVA CITY SD	80,586	372,534
705	CRAIG CITY SD	302,947	655,584
706	FAIRBANKS NORTH STAR BOROUGH SD	10,953,670	23,477,892
707	HAINES BOROUGH SD	185,525	434,793
708	HOONAH CITY SD	43,772	177,259
709	HYDABURG CITY SD	56,872	129,518
710	JUNEAU BOROUGH SD	4,072,627	8,588,503
712	KAKE CITY SD	238,895	395,236
714	KETCHIKAN GATEWAY BOROUGH SD	2,273,955	4,555,503
717	KLAWOCK CITY SD	100,128	289,009
718	KODIAK ISLAND BOROUGH SD	1,331,194	3,472,293
719	NENANA CITY SD	330,279	675,803
720	NOME CITY SD	869,402	1,625,529
722	MATANUSKA-SUSITNA BOROUGH SD	15,903,989	31,524,457
723	PELICAN CITY SD	(2,625)	5,851
724	PETERSBURG CITY SD	297,765	790,095
727	SITKA BOROUGH SD	1,003,935	2,421,445
728	SKAGWAY CITY SD	166,269	300,362
729	UNALASKA CITY SD	483,217	952,997
730	VALDEZ CITY SD	442,513	1,176,998
731	WRANGELL PUBLIC SD	166,618	450,846
732	YAKUTAT SD	(36,214)	57,318
733	UNIVERSITY OF ALASKA	1,597,828	7,413,769
735	GALENA CITY SD	615,334	1,447,739
736	NORTH SLOPE BOROUGH SD	2,667,243	5,129,045
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(790,965)	1,238,742
742	BRISTOL BAY BOROUGH SD	145,535	266,461
743	SOUTHEAST REGIONAL RESOURCE CENTER	77,973	163,636
744	DILLINGHAM CITY SD	520,677	1,107,145
746	KENAI PENINSULA BOROUGH SD	8,208,762	16,590,631
748	SAINT MARY'S SD	147,343	309,133
751	NORTHWEST ARCTIC BOROUGH SD	2,640,670	4,883,624
752	BERING STRAIT SD	2,451,771	4,732,865
753	LOWER YUKON SD	3,179,313	5,361,880
754	LOWER KUSKOKWIM SD	3,841,183	8,052,852
755	KUSPUK SD	746,771	1,260,441
756	SOUTHWEST REGION SD	811,438	1,535,328
757	LAKE AND PENINSULA BOROUGH SD	798,100	1,387,141
758	ALEUTIAN REGION SD	28,244	75,616
759	PRIBILOF SD	80,520	153,318
761	IDITAROD AREA SD	561,905	916,207
762	YUKON / KOYUKUK SD	1,111,820	1,921,069
763	YUKON FLATS SD	307,120	657,790
764	DENALI BOROUGH SD	316,890	629,118
765	DELTA/GREELY SD	718,166	1,354,880
766	ALASKA GATEWAY SD	468,231	916,670
767	COPPER RIVER SD	211,245	558,586
768	CHATHAM SD	177,772	372,707
769	SOUTHEAST ISLAND SD	353,189	649,979

State of Alaska Teachers' Retirement System  
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2016

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
770	ANNETTE ISLAND SD	3,559,111	0.15587%	-	11,643	-	543,846	383,004	938,493
771	CHUGACH SD	1,963,867	0.08601%	-	6,424	-	300,087	168,884	475,395
775	TANANA SD	479,209	0.02099%	-	1,568	-	73,225	8,597	83,390
777	KASHUNAMIUT SD	2,643,911	0.11579%	-	8,649	-	404,000	225,220	637,869
778	YUPIIT SD	4,525,156	0.19818%	-	14,803	-	691,462	313,877	1,020,141
779	SPECIAL EDUCATION SERVICE AGENCY	1,211,369	0.05305%	-	3,963	-	185,102	57,450	246,515
780	ALEUTIANS EAST BOROUGH SD	2,964,231	0.12982%	-	9,697	-	452,946	400,289	862,931
<b>Subtotal</b>		<b>1,052,567,744</b>	<b>46.09764%</b>	-	<b>3,443,143</b>	-	<b>160,836,525</b>	<b>62,753,043</b>	<b>227,032,711</b>
Nonemployer:									
999	STATE OF ALASKA	1,230,776,256	53.90236%	-	4,026,095	-	188,067,492	-	192,093,588
<b>Total</b>		<b>2,283,344,000</b>	<b>100.00000%</b>	-	<b>7,469,238</b>	-	<b>348,904,017</b>	<b>62,753,043</b>	<b>419,126,298</b>

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

State of Alaska Teachers' Retirement System  
Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2016

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	(45,886)	-	-	-	-	(45,886)	423,770
771	CHUGACH SD	(25,319)	-	-	-	-	(25,319)	233,830
775	TANANA SD	(6,178)	-	-	-	(13,928)	(20,107)	57,058
777	KASHUNAMIUT SD	(34,086)	-	-	-	-	(34,086)	314,801
778	YUPIIT SD	(58,340)	-	-	-	-	(58,340)	538,793
779	SPECIAL EDUCATION SERVICE AGENCY	(15,617)	-	-	-	-	(15,617)	144,233
780	ALEUTIANS EAST BOROUGH SD	(38,216)	-	-	-	-	(38,216)	352,940
<b>Subtotal</b>		(13,570,165)	-	-	-	(612,689)	(14,182,854)	125,325,314
Nonemployer:								
999	STATE OF ALASKA	(15,867,707)	-	-	-	(62,140,355)	(78,008,062)	146,543,936
<b>Total</b>		<b>(29,437,872)</b>	-	-	-	<b>(62,753,043)</b>	<b>(92,190,915)</b>	<b>271,869,250</b>

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

State of Alaska Teachers' Retirement System  
 Schedule C - Employers' Allocation of Pension Amounts as of 6/30/2016

		<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	659,654	1,083,424
771	CHUGACH SD	203,235	437,065
775	TANANA SD	76,022	133,079
777	KASHUNAMIUT SD	599,497	914,297
778	YUPIIT SD	834,982	1,373,776
779	SPECIAL EDUCATION SERVICE AGENCY	132,360	276,593
780	ALEUTIANS EAST BOROUGH SD	389,378	742,318
<b>Subtotal</b>		114,097,653	239,422,966
Nonemployer:			
999	STATE OF ALASKA	(114,097,653)	32,446,283
<b>Total</b>		<b>(0)</b>	<b>271,869,250</b>

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

State of Alaska Teachers' Retirement System  
 Schedule D - Employers' Allocation of Recognition of Deferred Outflows/Inflows as of 6/30/2016

Employer Number	Employer Name	FY2017	FY2018	FY2019	FY2020	FY2021	Thereafter
Employer:							
701	ANCHORAGE SD	25,696,752	11,379,835	20,757,376	13,913,567	-	-
704	CORDOVA CITY SD	180,223	79,716	141,250	94,679	-	-
705	CRAIG CITY SD	222,008	95,159	170,613	114,361	-	-
706	FAIRBANKS NORTH STAR BOROUGH SD	7,757,980	3,358,151	6,059,470	4,061,633	-	-
707	HAINES BOROUGH SD	143,491	65,865	120,601	80,838	-	-
708	HOONAH CITY SD	3,374	27,801	64,584	43,290	-	-
709	HYDABURG CITY SD	88,462	24,329	35,148	23,559	-	-
710	JUNEAU BOROUGH SD	2,686,011	1,197,352	2,184,871	1,464,509	-	-
712	KAKE CITY SD	158,257	47,761	75,641	50,702	-	-
714	KETCHIKAN GATEWAY BOROUGH SD	1,546,910	624,084	1,103,859	739,911	-	-
717	KLAWOCK CITY SD	154,964	55,443	91,384	61,254	-	-
718	KODIAK ISLAND BOROUGH SD	1,379,525	584,989	1,035,906	694,363	-	-
719	NENANA CITY SD	353,050	107,773	167,171	112,054	-	-
720	NOME CITY SD	631,077	218,755	365,829	245,214	-	-
722	MATANUSKA-SUSITNA BOROUGH SD	10,770,999	4,289,594	7,557,496	5,065,752	-	-
723	PELICAN CITY SD	(3,172)	1,439	4,101	2,749	-	-
724	PETERSBURG CITY SD	220,115	124,263	238,199	159,664	-	-
727	SITKA BOROUGH SD	825,166	377,038	685,820	459,702	-	-
728	SKAGWAY CITY SD	139,938	41,682	64,877	43,487	-	-
729	UNALASKA CITY SD	248,743	120,604	227,289	152,351	-	-
730	VALDEZ CITY SD	563,109	211,419	355,358	238,195	-	-
731	WRANGELL PUBLIC SD	280,391	88,812	137,516	92,176	-	-
732	YAKUTAT SD	(76,217)	11,501	45,253	30,333	-	-
733	UNIVERSITY OF ALASKA	1,742,568	1,390,950	2,813,869	1,886,123	-	-
735	GALENA CITY SD	499,553	223,205	402,735	269,951	-	-
736	NORTH SLOPE BOROUGH SD	1,964,910	703,354	1,191,069	798,368	-	-
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	(492)	434,060	982,013	658,239	-	-
742	BRISTOL BAY BOROUGH SD	82,860	32,737	58,506	39,217	-	-
743	SOUTHEAST REGIONAL RESOURCE CENTER	2,012	17,166	41,445	27,780	-	-
744	DILLINGHAM CITY SD	299,106	149,948	283,745	190,193	-	-
746	KENAI PENINSULA BOROUGH SD	5,817,077	2,309,016	4,055,317	2,718,259	-	-
748	SAINT MARY'S SD	94,389	42,744	78,277	52,469	-	-
751	NORTHWEST ARCTIC BOROUGH SD	2,254,080	690,357	1,085,186	727,395	-	-
752	BERING STRAIT SD	1,540,243	620,273	1,103,639	739,764	-	-
753	LOWER YUKON SD	1,595,308	599,185	1,055,970	707,811	-	-
754	LOWER KUSKOKWIM SD	1,970,212	1,056,274	2,037,690	1,365,854	-	-
755	KUSPUK SD	648,339	170,936	248,524	166,584	-	-
756	SOUTHWEST REGION SD	499,839	197,995	350,233	234,759	-	-
757	LAKE AND PENINSULA BOROUGH SD	485,771	168,366	284,990	191,027	-	-
758	ALEUTIAN REGION SD	(1,250)	9,523	22,919	15,363	-	-
759	PRIBILOF SD	5,048	14,961	35,221	23,608	-	-
761	IDITAROD AREA SD	293,988	100,833	171,418	114,901	-	-
762	YUKON / KOYUKUK SD	893,845	256,304	391,531	262,441	-	-
763	YUKON FLATS SD	73,549	78,041	169,661	113,723	-	-
764	DENALI BOROUGH SD	108,308	73,333	151,062	101,256	-	-
765	DELTA/GREELY SD	404,433	169,784	308,055	206,488	-	-
766	ALASKA GATEWAY SD	282,535	120,027	216,964	145,430	-	-
767	COPPER RIVER SD	239,478	96,640	168,050	112,643	-	-
768	CHATHAM SD	236,239	64,965	94,313	63,218	-	-
769	SOUTHEAST ISLAND SD	205,139	81,046	143,593	96,250	-	-

State of Alaska Teachers' Retirement System  
 Schedule D - Employers' Allocation of Recognition of Deferred Outflows/Inflows as of 6/30/2016

Employer Number	Employer Name	FY2017	FY2018	FY2019	FY2020	FY2021	Thereafter
770	ANNETTE ISLAND SD	422,023	128,127	205,028	137,430	-	-
771	CHUGACH SD	193,236	67,876	113,132	75,832	-	-
775	TANANA SD	5,438	11,735	27,606	18,504	-	-
777	KASHUNAMIUT SD	261,279	88,106	152,307	102,091	-	-
778	YUPIIT SD	381,228	145,162	260,679	174,732	-	-
779	SPECIAL EDUCATION SERVICE AGENCY	77,178	37,161	69,783	46,775	-	-
780	ALEUTIANS EAST BOROUGH SD	422,981	116,516	170,759	114,459	-	-
<b>Subtotal</b>		<b>77,971,607</b>	<b>33,600,071</b>	<b>60,634,902</b>	<b>40,643,277</b>	-	-
Nonemployer:							
999	STATE OF ALASKA	(32,688,508)	28,348,613	70,900,898	47,524,523	-	-
<b>Total</b>		<b>45,283,098</b>	<b>61,948,685</b>	<b>131,535,800</b>	<b>88,167,800</b>	-	-

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

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

Employer Number	Employer Name	FY2016	FY2015	FY2014	FY2013
Employer:					
701	ANCHORAGE SD	11,850,582.30	12,824,988.74	12,944,265.05	12,967,146.96
704	CORDOVA CITY SD	96,779.88	93,120.75	114,056.49	134,509.15
705	CRAIG CITY SD	104,267.87	110,761.75	113,631.46	106,528.43
706	FAIRBANKS NORTH STAR BOROUGH SD	3,539,896.52	3,876,399.16	3,910,652.78	3,920,578.38
707	HAINES BOROUGH SD	46,280.70	67,345.72	78,746.93	84,746.36
708	HOONAH CITY SD	44,647.71	46,108.75	52,512.11	51,599.68
709	HYDABURG CITY SD	16,965.60	3,661.09	22,352.49	25,019.04
710	JUNEAU BOROUGH SD	1,339,264.79	1,401,567.10	1,395,436.86	1,388,404.23
712	KAKE CITY SD	33,982.63	34,224.50	34,293.75	27,714.89
714	KETCHIKAN GATEWAY BOROUGH SD	646,878.19	737,815.48	681,583.56	656,885.26
717	KLAWOCK CITY SD	55,503.68	57,146.15	68,293.97	74,984.47
718	KODIAK ISLAND BOROUGH SD	543,048.16	647,632.39	736,576.50	785,788.06
719	NENANA CITY SD	105,733.21	91,496.71	105,890.03	106,618.13
720	NOME CITY SD	180,778.20	196,990.87	205,072.74	195,169.00
722	MATANUSKA-SUSITNA BOROUGH SD	4,448,917.08	4,732,180.64	4,601,861.36	4,409,181.16
723	PELICAN CITY SD	76.62	56.78	3,589.51	3,981.63
724	PETERSBURG CITY SD	173,758.53	178,211.83	180,274.61	169,338.09
727	SITKA BOROUGH SD	409,791.72	458,336.30	484,459.11	473,074.95
728	SKAGWAY CITY SD	35,596.03	36,740.10	34,126.76	36,943.54
729	UNALASKA CITY SD	122,560.66	123,108.89	133,745.23	127,900.55
730	VALDEZ CITY SD	257,196.19	289,734.26	275,478.92	261,914.70
731	WRANGELL PUBLIC SD	78,637.34	74,800.77	104,691.78	99,330.78
732	YAKUTAT SD	49,446.62	35,975.53	47,318.00	45,659.99
733	UNIVERSITY OF ALASKA	1,973,801.21	2,314,144.86	2,385,214.75	2,390,342.26
735	GALENA CITY SD	251,851.54	266,991.31	287,316.68	260,063.00
736	NORTH SLOPE BOROUGH SD	537,956.23	591,144.30	674,449.67	676,595.46
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	924,799.69	12,499,595.78	1,950,888.39	1,835,361.68
742	BRISTOL BAY BOROUGH SD	18,408.57	27,110.92	27,876.63	34,751.67
743	SOUTHEAST REGIONAL RESOURCE CENTER	17,531.74	22,454.25	22,918.33	27,895.11
744	DILLINGHAM CITY SD	114,435.18	148,548.89	173,274.14	178,455.39
746	KENAI PENINSULA BOROUGH SD	2,256,776.91	2,407,075.35	2,496,327.70	2,417,499.71
748	SAINT MARY'S SD	46,770.29	44,151.15	50,155.46	46,615.58
751	NORTHWEST ARCTIC BOROUGH SD	451,722.60	492,081.43	590,282.99	577,278.97
752	BERING STRAIT SD	387,570.48	436,529.41	598,504.58	626,717.90
753	LOWER YUKON SD	400,163.68	393,486.39	462,619.38	424,090.91
754	LOWER KUSKOKWIM SD	1,002,614.58	1,109,994.99	1,243,560.52	1,264,987.87
755	KUSPUK SD	98,039.16	121,708.95	111,898.63	123,148.02
756	SOUTHWEST REGION SD	141,065.85	145,378.20	190,830.66	185,196.37
757	LAKE AND PENINSULA BOROUGH SD	77,482.72	94,679.59	130,806.45	127,255.05
758	ALEUTIAN REGION SD	7,850.15	14,119.00	16,854.59	13,201.59
759	PRIBILOF SD	14,521.38	16,079.31	19,331.86	15,736.51
761	IDITAROD AREA SD	21,794.20	51,062.10	67,432.41	52,557.27
762	YUKON / KOYUKUK SD	159,466.25	154,570.86	187,901.58	182,490.96
763	YUKON FLATS SD	65,702.65	83,976.89	101,768.55	103,279.70
764	DENALI BOROUGH SD	84,272.06	83,803.92	80,803.37	103,544.58
765	DELTA/GREELY SD	156,301.76	162,564.80	165,181.36	180,110.48
766	ALASKA GATEWAY SD	124,560.43	127,792.49	128,419.54	124,349.06
767	COPPER RIVER SD	105,461.10	115,656.27	121,758.26	132,304.75
768	CHATHAM SD	47,878.93	48,982.02	60,291.65	63,121.28
769	SOUTHEAST ISLAND SD	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	FY2016	FY2015	FY2014	FY2013
770	ANNETTE ISLAND SD	70,300.50	81,025.75	82,384.77	85,821.49
771	CHUGACH SD	74,674.62	75,164.66	72,052.02	82,653.26
775	TANANA SD	12,662.15	10,393.95	12,850.77	10,744.46
777	KASHUNAMIUT SD	40,883.20	31,482.25	38,671.83	45,023.45
778	YUPIIT SD	68,270.32	65,344.19	89,913.58	120,550.86
779	SPECIAL EDUCATION SERVICE AGENCY	30,638.78	39,682.45	41,387.48	46,164.58
780	ALEUTIANS EAST BOROUGH SD	75,751.86	87,302.23	99,826.48	97,141.58
<b>Subtotal</b>		<b>34,110,502.90</b>	<b>48,556,579.52</b>	<b>39,190,441.63</b>	<b>38,879,928.13</b>
Nonemployer: 999	STATE OF ALASKA	89,957,454.13	1,650,517,011.02	207,270,949.96	195,434,950.61
<b>Total</b>		<b>124,067,957.03</b>	<b>1,699,073,590.54</b>	<b>246,461,391.59</b>	<b>234,314,878.74</b>

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

		<b>FY2012</b>	<b>FY2011</b>	<b>FY2010</b>	<b>FY2009</b>
<b>Total</b>	<b>Total Plan Contributions</b>	<b>195,576,000</b>	<b>142,147,000</b>	<b>134,275,000</b>	<b>131,533,000</b>

  

		<b>FY2008</b>	<b>FY2007</b>
<b>Total</b>	<b>Total Plan Contributions</b>	<b>142,550,000</b>	<b>219,158,000</b>

State of Alaska Teachers' Retirement System  
 Schedule F - Present Value of Future State Assistance Contributions as of 6/30/2016

Employer Number	Employer Name	Present Value of Future State Assistance Contributions	Employer Proportion
701	ANCHORAGE SD	336,937,000.00	34.79791%
704	CORDOVA CITY SD	2,288,000.00	0.23630%
705	CRAIG CITY SD	2,771,000.00	0.28618%
706	FAIRBANKS NORTH STAR BOROUGH SD	98,357,000.00	10.15803%
707	HAINES BOROUGH SD	1,958,000.00	0.20222%
708	HOONAH CITY SD	1,045,000.00	0.10792%
709	HYDABURG CITY SD	568,000.00	0.05866%
710	JUNEAU BOROUGH SD	35,463,000.00	3.66252%
712	KAKE CITY SD	1,231,000.00	0.12713%
714	KETCHIKAN GATEWAY BOROUGH SD	17,919,000.00	1.85062%
717	KLAWOCK CITY SD	1,486,000.00	0.15347%
718	KODIAK ISLAND BOROUGH SD	16,813,000.00	1.73640%
719	NENANA CITY SD	2,714,000.00	0.28029%
720	NOME CITY SD	5,941,000.00	0.61357%
722	MATANUSKA-SUSITNA BOROUGH SD	122,670,000.00	12.66901%
723	PELICAN CITY SD	66,000.00	0.00682%
724	PETERSBURG CITY SD	3,865,000.00	0.39917%
727	SITKA BOROUGH SD	11,136,000.00	1.15009%
728	SKAGWAY CITY SD	1,052,000.00	0.10865%
729	UNALASKA CITY SD	3,694,000.00	0.38151%
730	VALDEZ CITY SD	5,766,000.00	0.59550%
731	WRANGELL PUBLIC SD	2,229,000.00	0.23020%
732	YAKUTAT SD	738,000.00	0.07622%
733	UNIVERSITY OF ALASKA	45,673,000.00	4.71698%
735	GALENA CITY SD	6,537,000.00	0.67512%
736	NORTH SLOPE BOROUGH SD	19,333,000.00	1.99666%
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	-	0.00000%
742	BRISTOL BAY BOROUGH SD	948,000.00	0.09791%
743	SOUTHEAST REGIONAL RESOURCE CENTER	674,000.00	0.06961%
744	DILLINGHAM CITY SD	4,604,000.00	0.47549%
746	KENAI PENINSULA BOROUGH SD	65,824,000.00	6.79812%
748	SAINT MARY'S SD	1,269,000.00	0.13106%
751	NORTHWEST ARCTIC BOROUGH SD	17,615,000.00	1.81923%
752	BERING STRAIT SD	17,913,000.00	1.85000%
753	LOWER YUKON SD	17,141,000.00	1.77027%
754	LOWER KUSKOKWIM SD	33,074,000.00	3.41579%
755	KUSPUK SD	4,031,000.00	0.41631%
756	SOUTHWEST REGION SD	5,686,000.00	0.58723%
757	LAKE AND PENINSULA BOROUGH SD	4,624,000.00	0.47755%
758	ALEUTIAN REGION SD	373,000.00	0.03852%
759	PRIBILOF SD	575,000.00	0.05938%
761	IDITAROD AREA SD	2,783,000.00	0.28742%
762	YUKON / KOYUKUK SD	6,356,000.00	0.65643%
763	YUKON FLATS SD	2,752,000.00	0.28422%
764	DENALI BOROUGH SD	2,451,000.00	0.25313%
765	DELTA/GREELY SD	4,998,000.00	0.51618%
766	ALASKA GATEWAY SD	3,523,000.00	0.36385%
767	COPPER RIVER SD	2,723,000.00	0.28122%
768	CHATHAM SD	1,526,000.00	0.15760%
769	SOUTHEAST ISLAND SD	2,331,000.00	0.24074%
770	ANNETTE ISLAND SD	3,325,000.00	0.34340%
771	CHUGACH SD	1,839,000.00	0.18993%
775	TANANA SD	447,000.00	0.04616%
777	KASHUNAMIUT SD	2,473,000.00	0.25540%
778	YUPIIT SD	4,234,000.00	0.43728%
779	SPECIAL EDUCATION SERVICE AGENCY	1,133,000.00	0.11701%
780	ALEUTIANS EAST BOROUGH SD	2,773,000.00	0.28639%
<b>Total</b>		<b>968,268,000.00</b>	<b>100.00000%</b>

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 6/30/2016

Employer Number	Employer Name	State Proportionate Share of Net Pension Liability Attributable to Employer	Proportionate Share of Pension Plan Expense
701	ANCHORAGE SD	428,284,379.45	50,994,222.96
704	CORDOVA CITY SD	2,908,302.32	346,280.71
705	CRAIG CITY SD	3,522,249.01	419,381.05
706	FAIRBANKS NORTH STAR BOROUGH SD	125,022,679.94	14,885,983.99
707	HAINES BOROUGH SD	2,488,835.64	296,336.37
708	HOONAH CITY SD	1,328,311.16	158,157.05
709	HYDABURG CITY SD	721,991.14	85,964.79
710	JUNEAU BOROUGH SD	45,077,414.91	5,367,199.59
712	KAKE CITY SD	1,564,737.83	186,307.50
714	KETCHIKAN GATEWAY BOROUGH SD	22,777,040.80	2,711,977.26
717	KLAWOCK CITY SD	1,888,871.18	224,900.84
718	KODIAK ISLAND BOROUGH SD	21,371,191.86	2,544,588.07
719	NENANA CITY SD	3,449,795.68	410,754.30
720	NOME CITY SD	7,551,671.38	899,149.33
722	MATANUSKA-SUSITNA BOROUGH SD	155,927,205.46	18,565,670.53
723	PELICAN CITY SD	83,893.34	9,988.87
724	PETERSBURG CITY SD	4,912,844.62	584,954.08
727	SITKA BOROUGH SD	14,155,093.83	1,685,394.20
728	SKAGWAY CITY SD	1,337,208.94	159,216.48
729	UNALASKA CITY SD	4,695,484.61	559,073.83
730	VALDEZ CITY SD	7,329,226.92	872,663.70
731	WRANGELL PUBLIC SD	2,833,306.77	337,351.26
732	YAKUTAT SD	938,080.03	111,693.69
733	UNIVERSITY OF ALASKA	58,055,459.81	6,912,446.97
735	GALENA CITY SD	8,309,253.62	989,351.82
736	NORTH SLOPE BOROUGH SD	24,574,391.97	2,925,981.16
737	STATE OF ALASKA (EMPLOYER AND NONEMPLOYER)	-	-
742	BRISTOL BAY BOROUGH SD	1,205,013.38	143,476.45
743	SOUTHEAST REGIONAL RESOURCE CENTER	856,728.92	102,007.52
744	DILLINGHAM CITY SD	5,852,195.76	696,799.11
746	KENAI PENINSULA BOROUGH SD	83,669,620.71	9,962,229.53
748	SAINT MARY'S SD	1,613,040.06	192,058.66
751	NORTHWEST ARCTIC BOROUGH SD	22,390,623.01	2,665,967.93
752	BERING STRAIT SD	22,769,414.13	2,711,069.18
753	LOWER YUKON SD	21,788,116.32	2,594,229.71
754	LOWER KUSKOKWIM SD	42,040,730.36	5,005,632.89
755	KUSPUK SD	5,123,849.07	610,077.59
756	SOUTHWEST REGION SD	7,227,538.03	860,555.98
757	LAKE AND PENINSULA BOROUGH SD	5,877,617.98	699,826.04
758	ALEUTIAN REGION SD	474,124.46	56,452.23
759	PRIBILOF SD	730,888.91	87,024.22
761	IDITAROD AREA SD	3,537,502.35	421,197.20
762	YUKON / KOYUKUK SD	8,079,182.51	961,958.11
763	YUKON FLATS SD	3,498,097.90	416,505.46
764	DENALI BOROUGH SD	3,115,493.44	370,950.18
765	DELTA/GREELY SD	6,353,013.56	756,429.62
766	ALASKA GATEWAY SD	4,478,124.60	533,193.59
767	COPPER RIVER SD	3,461,235.68	412,116.42
768	CHATHAM SD	1,939,715.62	230,954.70
769	SOUTHEAST ISLAND SD	2,962,960.10	352,788.60
770	ANNETTE ISLAND SD	4,226,444.59	503,226.99
771	CHUGACH SD	2,337,573.42	278,326.14
775	TANANA SD	568,186.69	67,651.87
777	KASHUNAMIUT SD	3,143,457.89	374,279.80
778	YUPIIT SD	5,381,884.63	640,800.92
779	SPECIAL EDUCATION SERVICE AGENCY	1,440,168.94	171,475.54
780	ALEUTIANS EAST BOROUGH SD	3,524,791.23	419,683.74
<b>Total</b>		<b>1,230,776,256.46</b>	<b>146,543,936.33</b>

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