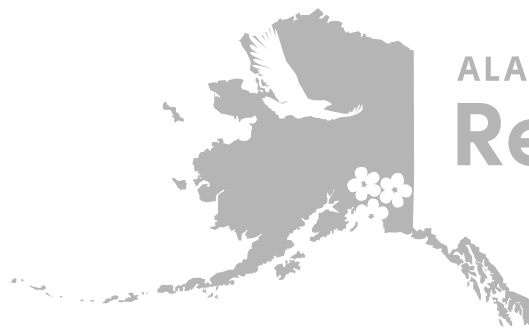




STATISTICAL SECTION



ALASKA DIVISION OF
**Retirement
and Benefits**

STATISTICAL SECTION OVERVIEW

The statistical section of the Teachers’ Retirement System (System) comprehensive annual financial report provides additional detail in the form of financial trends, operating statistics and demographic information. This data is provided to enhance the reader’s understanding of the System.

Financial Trends 166-183

These schedules contain financial trend information utilizing a multi-year presentation so the reader can better understand how the System’s financial performance has changed over time. Financial information is presented on an accrual basis.

Operating Information 184-186

These schedules contain detailed benefit payment information to provide the reader a better understanding of the pension benefits provided by the Division.

Demographic Information 187-189

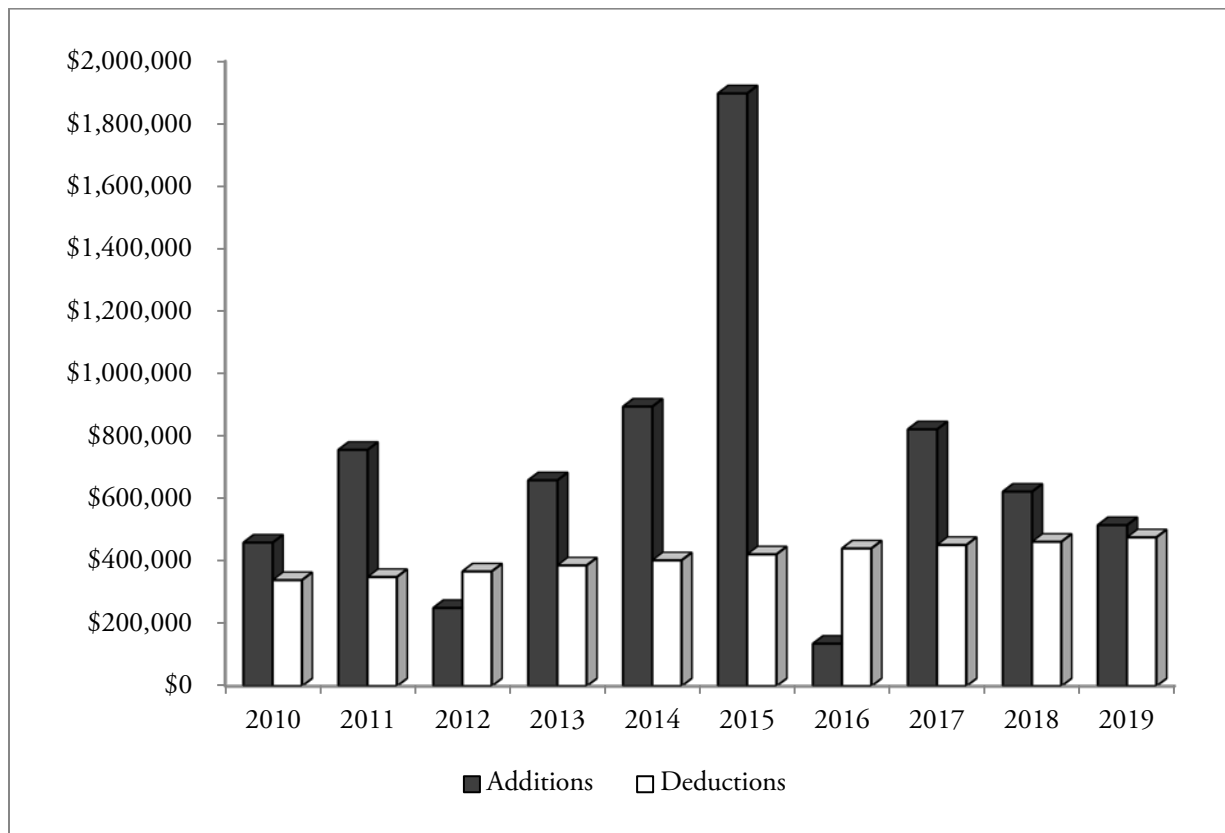
These schedules contain detailed demographic data to provide the reader a better understanding of the membership and employer participation in the System.

Statistical Section

Teachers' Retirement System Defined Benefit Pension Changes in Fiduciary Net Position (In thousands)

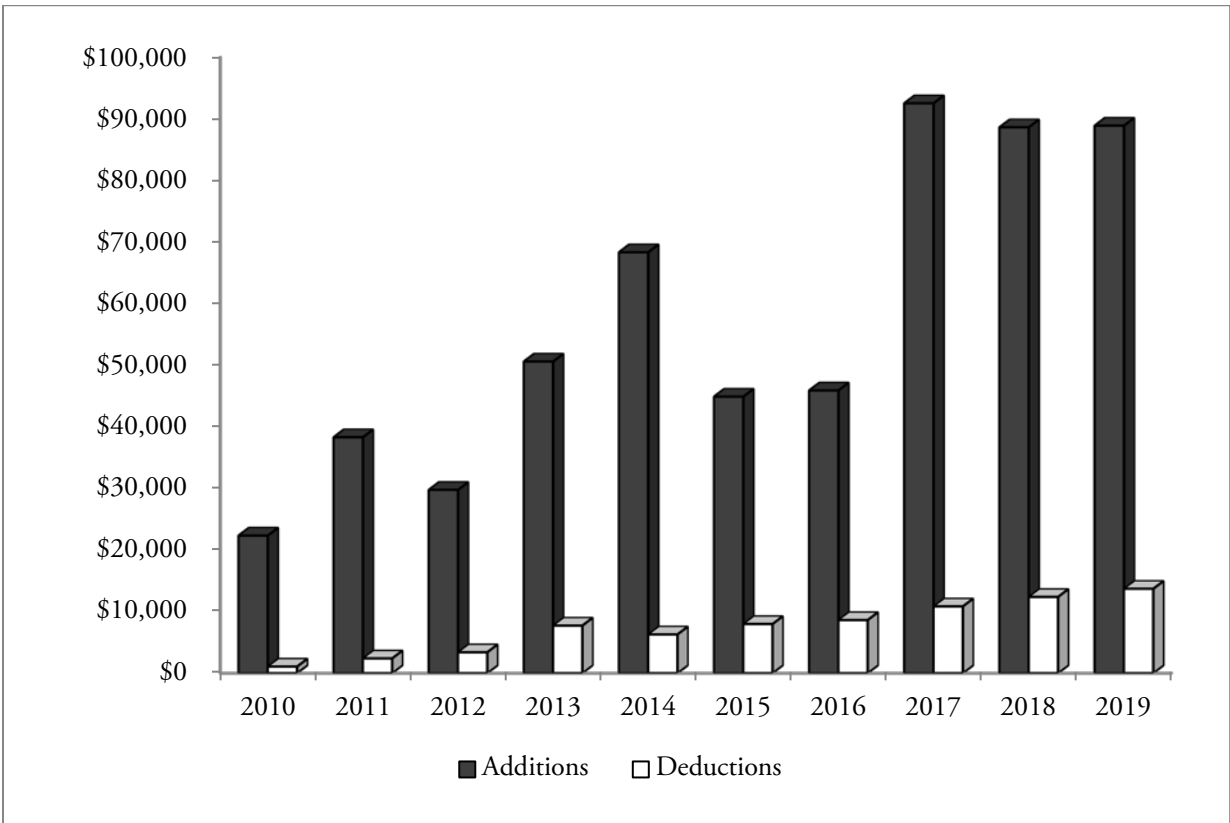
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2010	\$ 2,596,433	\$ 458,984	\$ 338,860	\$ 120,124	\$ 2,716,557
2011	2,716,557	755,768	348,795	406,973	3,123,530
2012	3,123,530	249,803	366,686	(116,883)	3,006,647
2013	3,006,647	658,405	385,922	272,483	3,279,130
2014	3,279,130	894,170	402,161	492,009	3,771,139
2015	3,771,139	1,897,150	421,334	1,475,816	5,246,955
2016	5,246,955	135,476	440,230	(304,754)	4,942,201
2017	4,942,201	821,406	451,312	370,094	5,312,295
2018	5,312,295	621,993	461,561	160,432	5,472,727
2019	5,472,727	514,937	475,735	39,202	5,511,929

10-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS (In thousands)



Teachers' Retirement System Defined Contribution Retirement Participant Directed Changes in Fiduciary Net Position (In thousands)					
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2010	\$ 26,688	\$ 22,359	\$ 1,053	\$ 21,306	\$ 47,994
2011	47,994	38,355	2,377	35,978	83,972
2012	83,972	29,791	3,374	26,417	110,389
2013	110,389	50,560	7,715	42,845	153,234
2014	153,234	68,315	6,281	62,034	215,268
2015	215,268	44,952	7,972	36,980	252,248
2016	252,248	45,965	8,615	37,350	289,598
2017	289,598	92,527	10,833	81,694	371,292
2018	371,292	88,621	12,383	76,238	447,530
2019	447,530	88,893	13,701	75,192	522,722

**10-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS
(In thousands)**

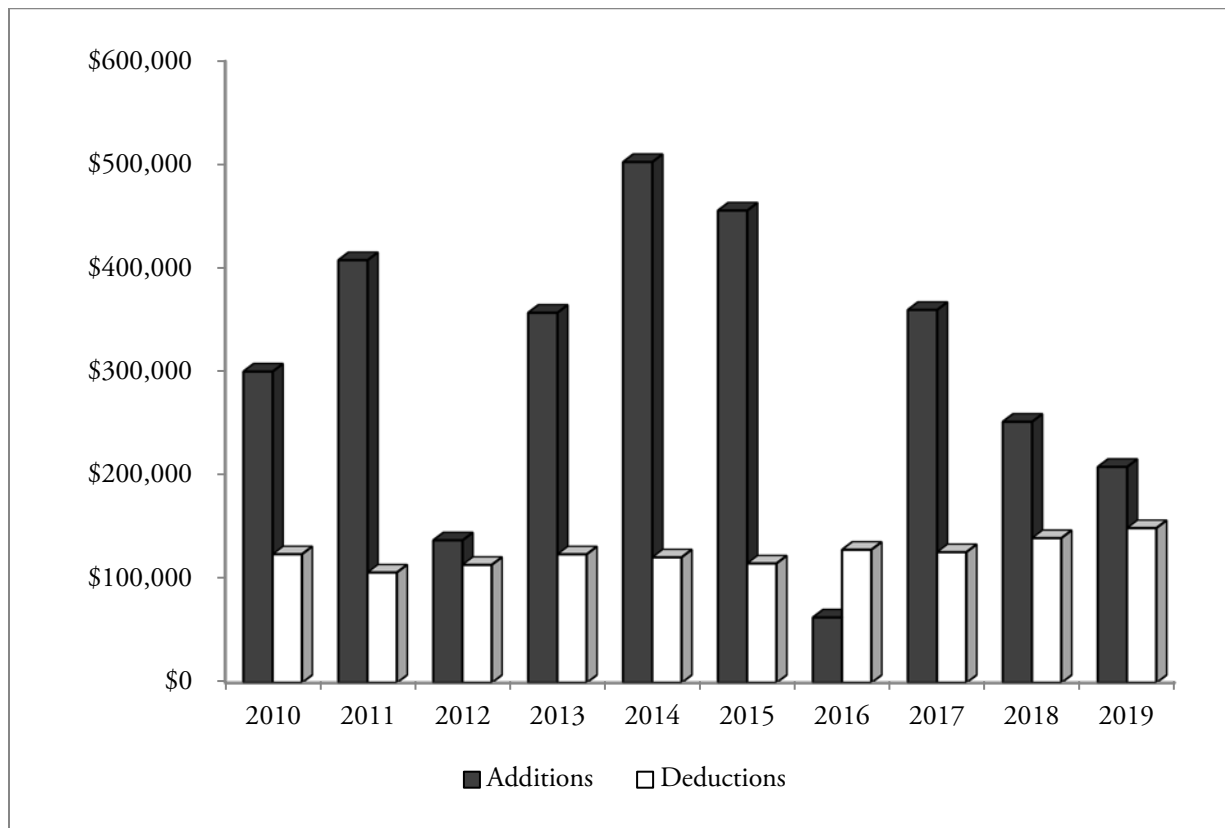


Statistical Section

Teachers' Retirement System Defined Benefit Alaska Retiree Healthcare Trust Changes in Fiduciary Net Position (In thousands)

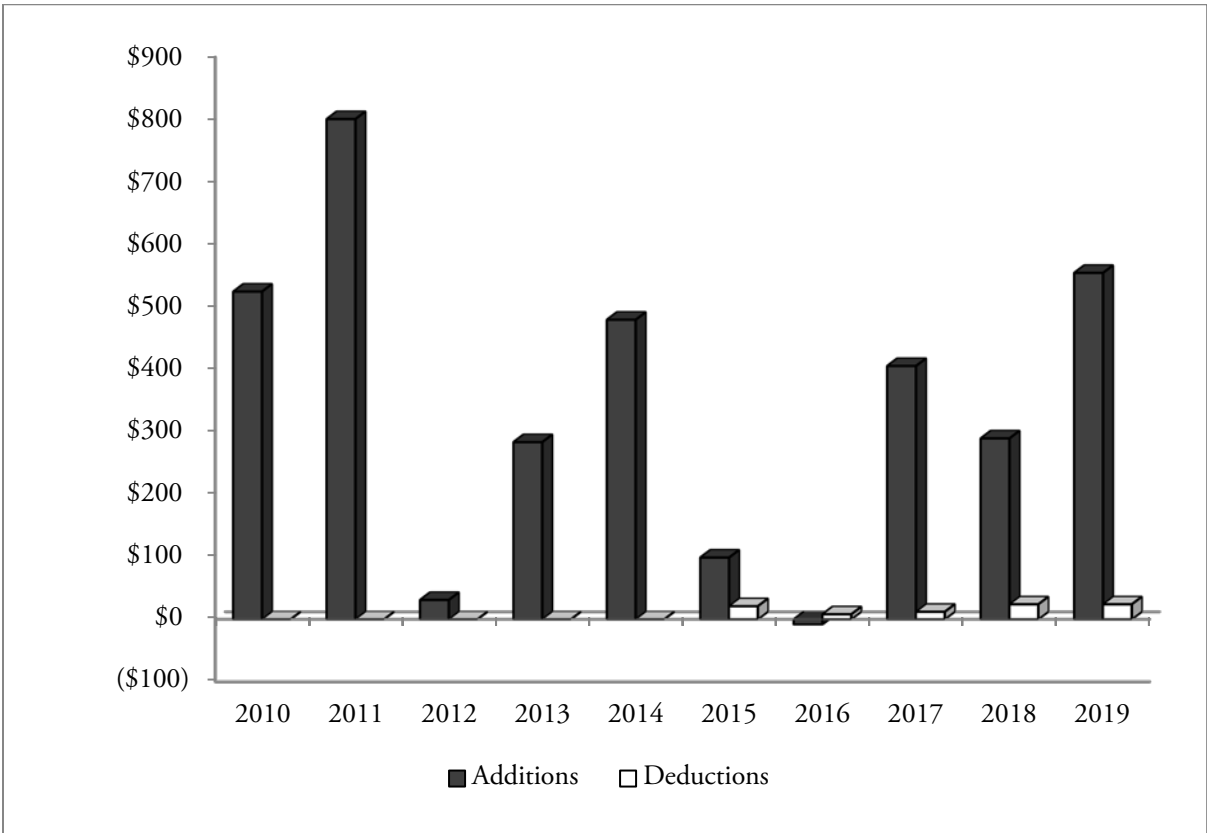
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2010	\$ 1,131,033	\$ 300,736	\$ 124,133	\$ 176,603	\$ 1,307,636
2011	1,307,636	408,179	106,485	301,694	1,609,330
2012	1,609,330	137,594	113,883	23,711	1,633,041
2013	1,633,041	357,454	124,074	233,380	1,866,421
2014	1,866,421	502,833	121,119	381,714	2,248,135
2015	2,248,135	456,055	115,224	340,831	2,588,966
2016	2,588,966	63,079	128,465	(65,386)	2,523,580
2017	2,523,580	360,197	126,145	234,052	2,757,632
2018	2,757,632	252,219	139,716	112,503	2,870,135
2019	2,870,135	208,551	149,367	59,184	2,929,319

10-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS (In thousands)



Teachers' Retirement System Defined Contribution Retirement Occupational Death & Disability Changes in Fiduciary Net Position (In thousands)					
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2010	\$ 954	\$ 525	\$ —	\$ 525	\$ 1,479
2011	1,479	801	—	801	2,280
2012	2,280	31	—	31	2,311
2013	2,311	284	—	284	2,595
2014	2,595	480	—	480	3,075
2015	3,075	99	21	78	3,153
2016	3,153	(8)	8	(16)	3,137
2017	3,137	406	12	394	3,531
2018	3,531	290	24	266	3,797
2019	3,797	555	24	531	4,328

10-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS
(In thousands)

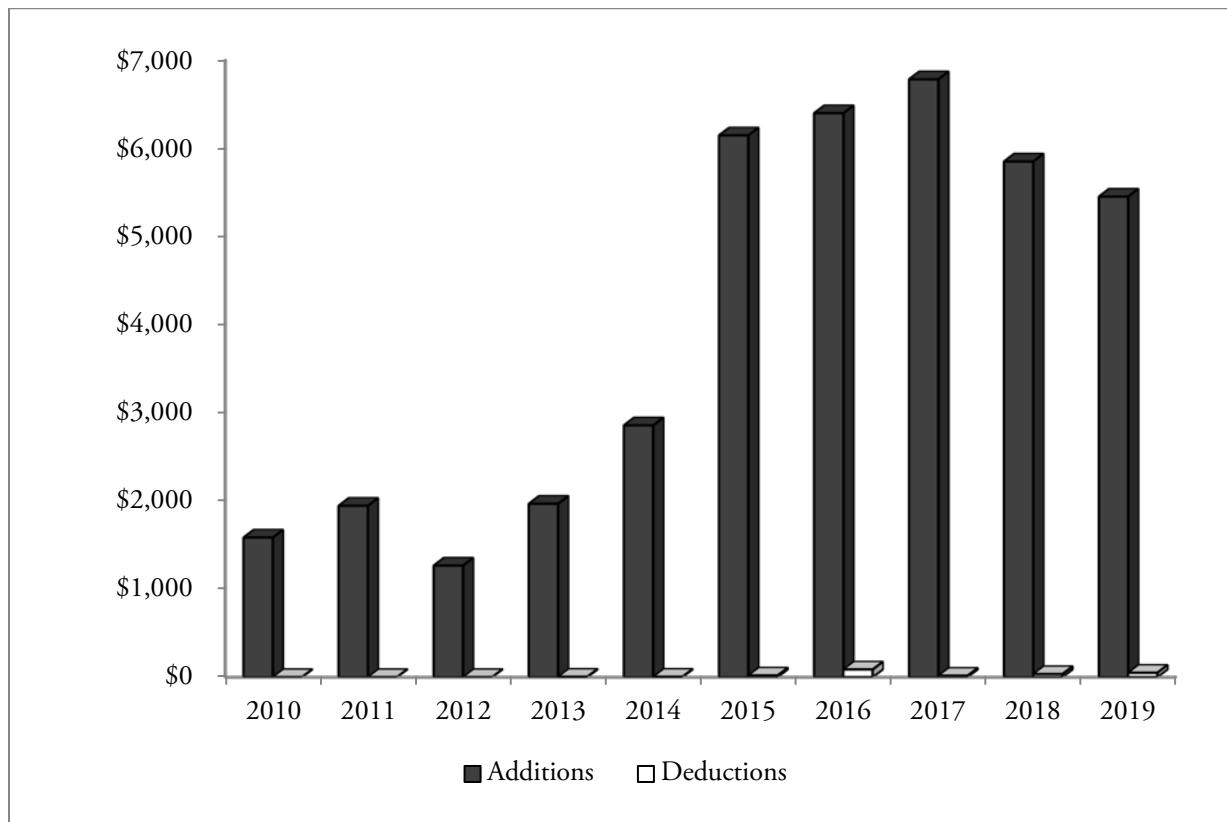


Statistical Section

Teachers' Retirement System Defined Contribution Retirement Medical Plan Changes in Fiduciary Net Position (In thousands)

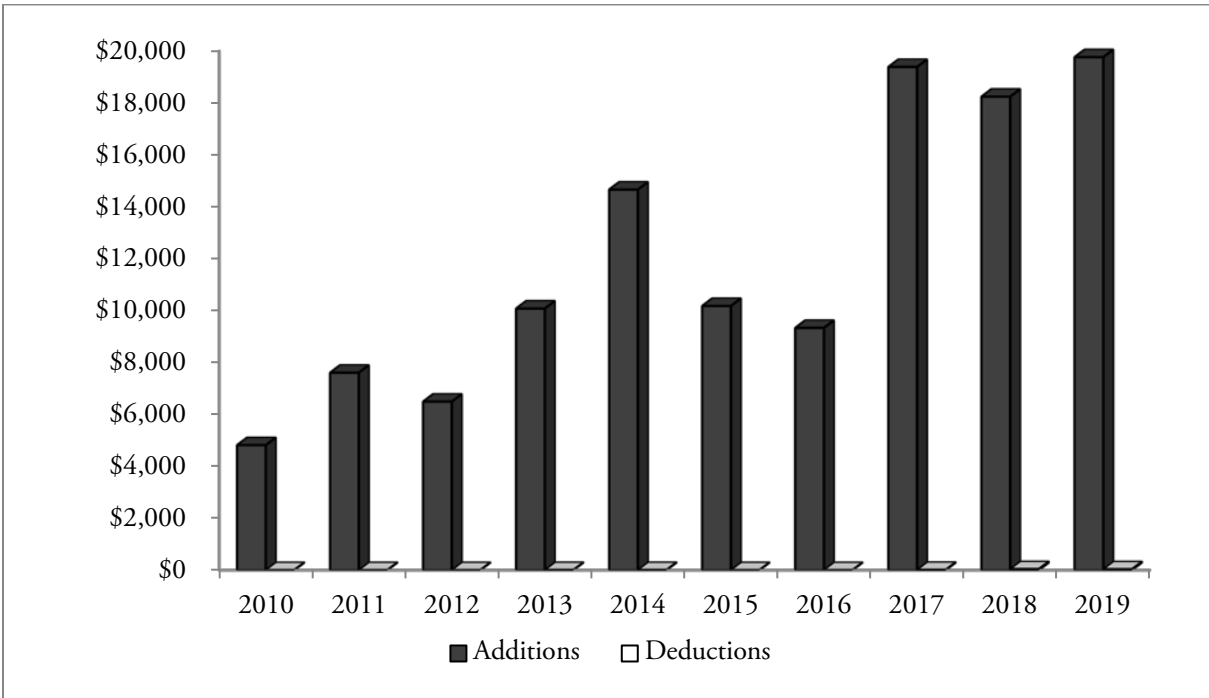
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2010	\$ 2,012	\$ 1,586	\$ —	\$ 1,586	\$ 3,598
2011	3,598	1,947	—	1,947	5,545
2012	5,545	1,267	—	1,267	6,812
2013	6,812	1,970	3	1,967	8,779
2014	8,779	2,861	3	2,858	11,637
2015	11,637	6,147	18	6,129	17,766
2016	17,766	6,399	86	6,313	24,079
2017	24,079	6,784	15	6,769	30,848
2018	30,848	5,851	34	5,817	36,665
2019	36,665	5,452	50	5,402	42,067

10-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS (In thousands)



Teachers' Retirement System Defined Contribution Retirement Health Reimbursement Arrangement Changes in Fiduciary Net Position (In thousands)					
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2010	\$ 5,826	\$ 4,814	\$ —	\$ 4,814	\$ 10,640
2011	10,640	7,606	—	7,606	18,246
2012	18,246	6,491	—	6,491	24,737
2013	24,737	10,079	3	10,076	34,813
2014	34,813	14,662	3	14,659	49,472
2015	49,472	10,178	—	10,178	59,650
2016	59,650	9,332	—	9,332	68,982
2017	68,982	19,387	7	19,380	88,362
2018	88,362	18,243	37	18,206	106,568
2019	106,568	19,765	34	19,731	126,299

**10-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS
(In thousands)**

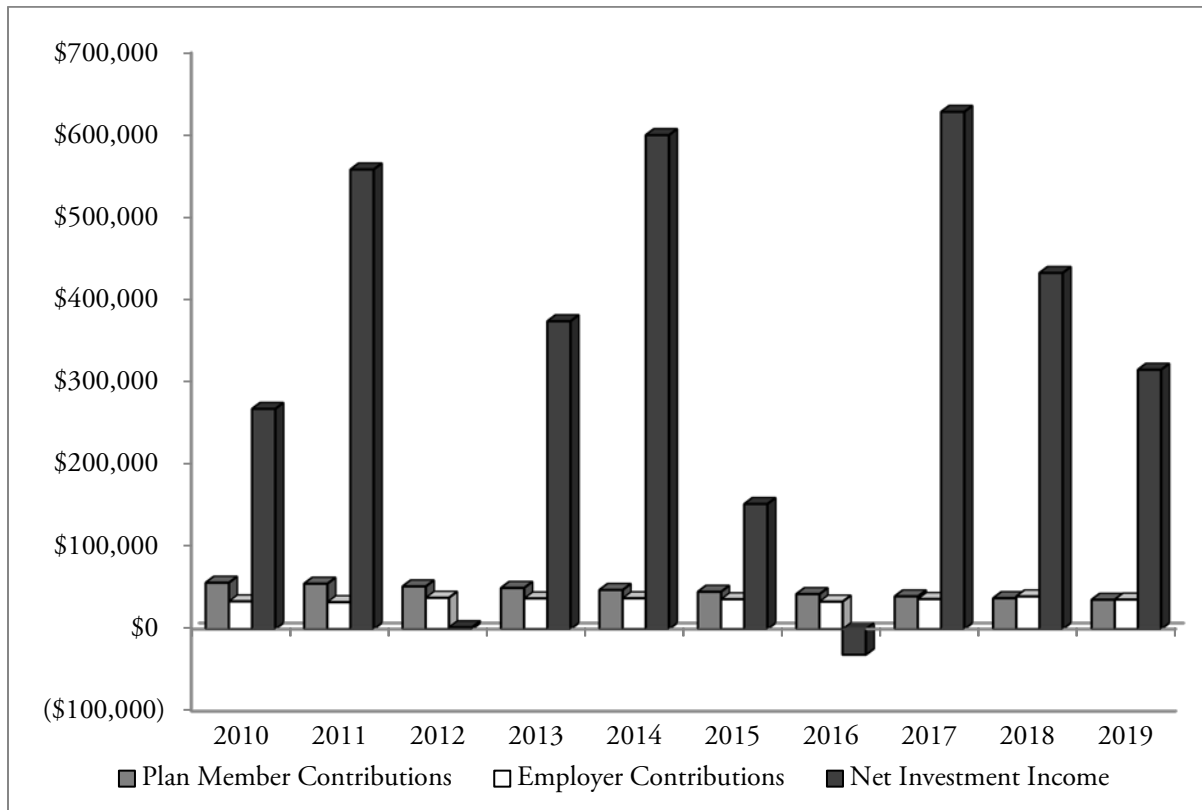


Statistical Section

Teachers' Retirement System Defined Benefit Pension Additions by Source (In thousands)						
Year Ended June 30	Plan Member Contributions	Employer Contributions	State of Alaska	Net Investment Income (Loss)	Other	Total
2010	\$ 56,554	\$ 33,800	\$ 100,475	\$ 268,146	\$ 9	\$ 458,984
2011	55,347	32,804	109,343	558,220	54	755,768
2012	52,020	38,189	157,387	2,190	17	249,803
2013	50,201	37,372	196,945	373,868	19	658,405
2014	47,724	37,571	208,890	599,958	27	894,170
2015	45,506	36,374	1,662,700	152,561	9	1,897,150
2016	42,654	33,478	90,589	(31,340)	95	135,476
2017	39,878	36,634	116,700	628,184	10	821,406
2018	37,674	39,835	111,757	432,543	184	621,993
2019	35,763	35,996	128,174	314,972	32	514,937

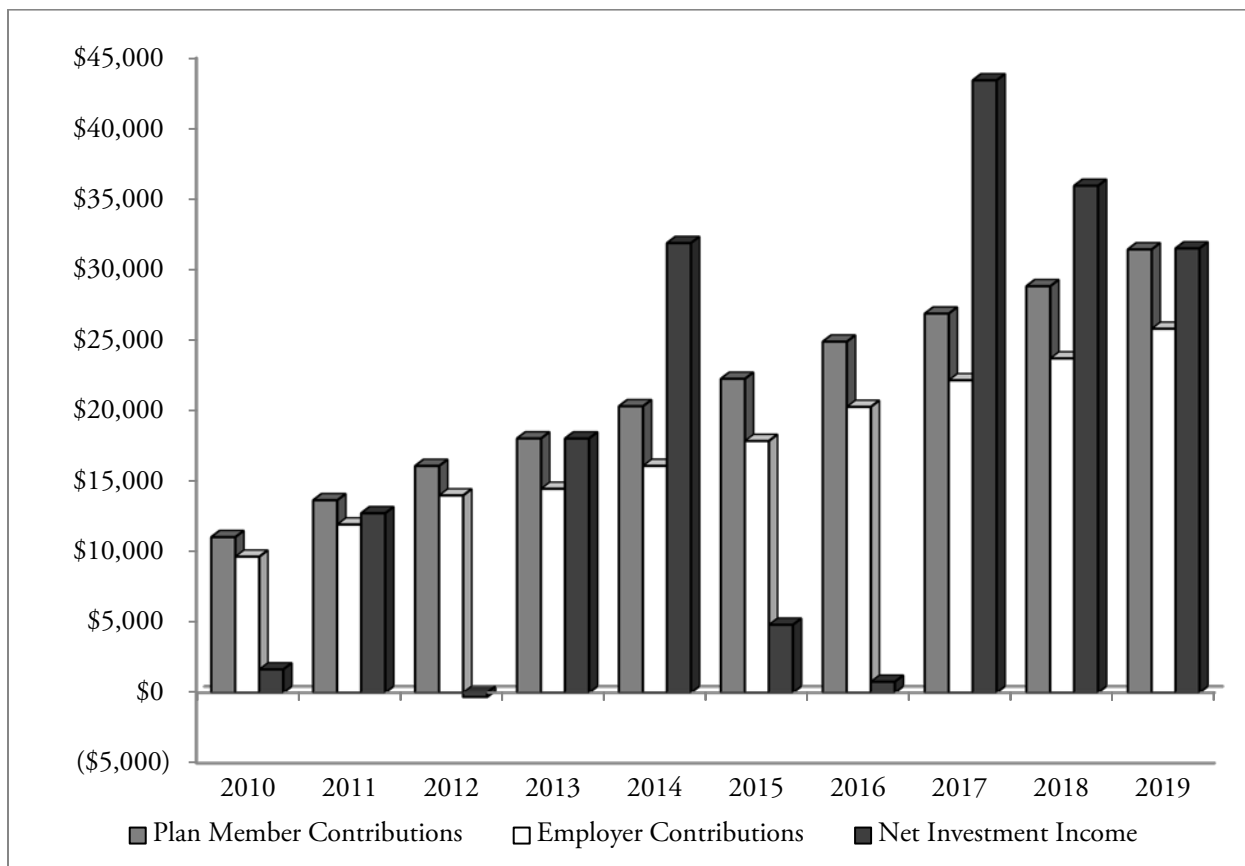
Note: This schedule shows the full appropriated amount of the additional state contribution as required by AS 14.25.085, a portion of which is included in "Employer Contributions" on the audited financial statements.

10-YEAR COMPARISON OF ADDITIONS BY SOURCE (In thousands)



Teachers' Retirement System Defined Contribution Retirement Participant Directed Additions by Source (In thousands)					
Year Ended June 30	Plan Member Contributions	Employer Contributions	Net Investment Income (Loss)	Other	Total
2010	\$ 11,051	\$ 9,658	\$ 1,650	\$ —	\$ 22,359
2011	13,665	11,943	12,742	5	38,355
2012	16,095	14,003	(307)	—	29,791
2013	18,044	14,474	18,040	2	50,560
2014	20,326	16,098	31,887	4	68,315
2015	22,269	17,863	4,820	—	44,952
2016	24,904	20,280	773	8	45,965
2017	26,888	22,165	43,417	57	92,527
2018	28,831	23,710	35,946	134	88,621
2019	31,438	25,814	31,509	132	88,893

10-YEAR COMPARISON OF ADDITIONS BY SOURCE
(In thousands)

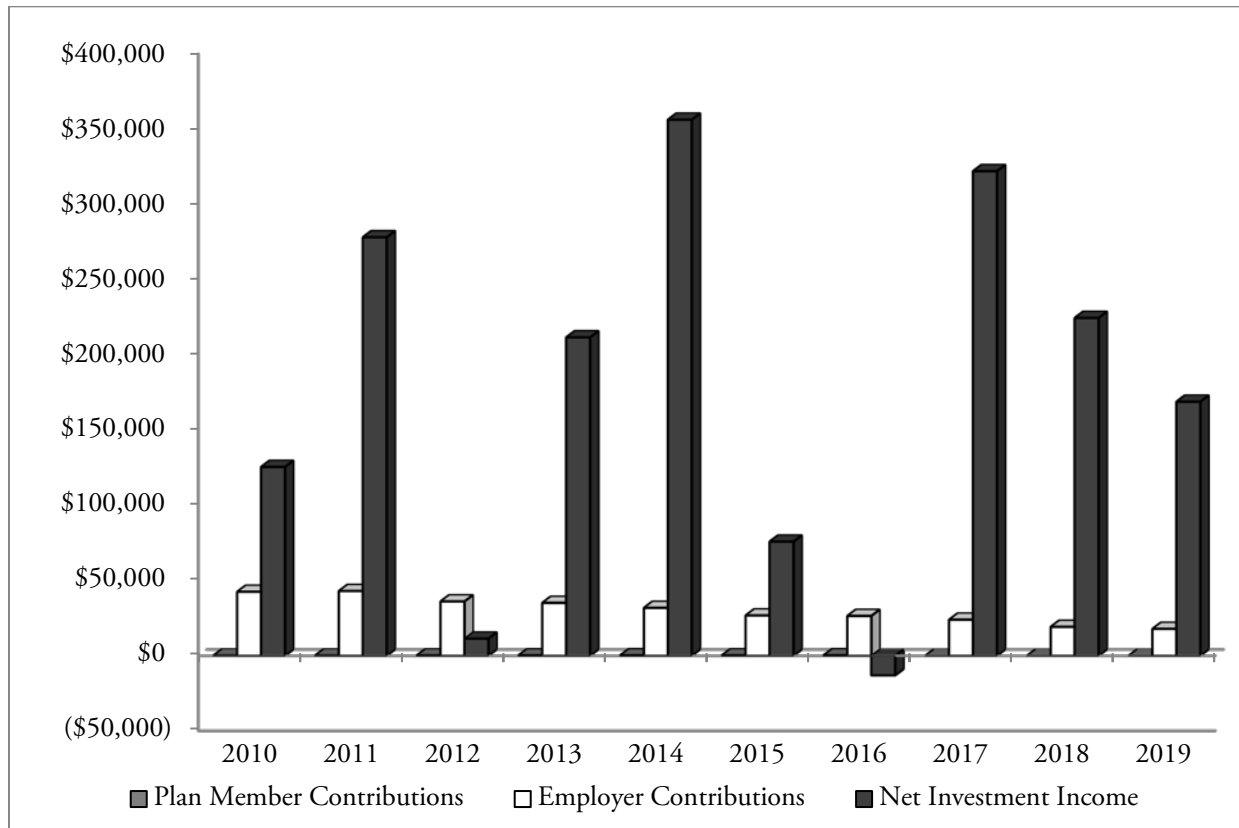


Statistical Section

Teachers' Retirement System Defined Benefit Alaska Retiree Healthcare Trust Additions by Source (In thousands)

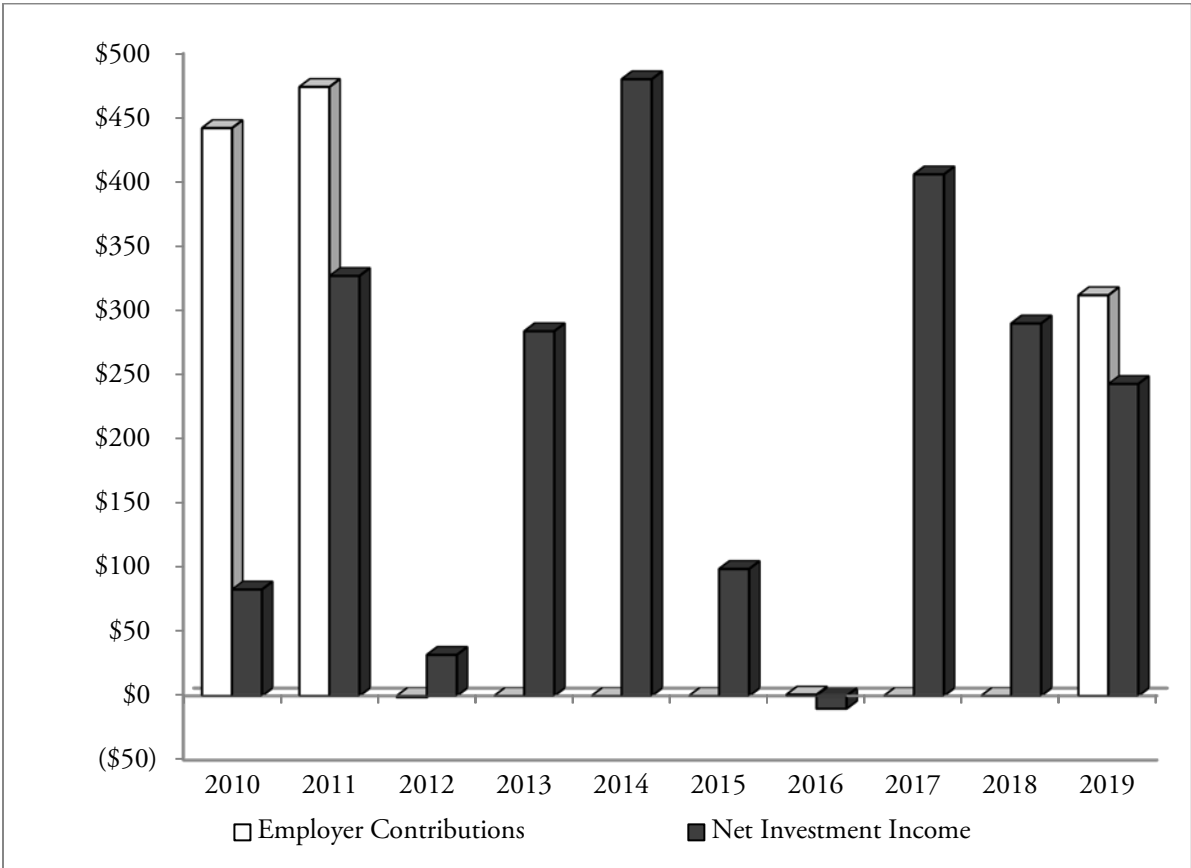
Year Ended June 30	Plan Member Premiums	Employer Contributions	State of Alaska	Net Investment Income (Loss)	Other	Total
2010	\$ 117	\$ 42,694	\$ 72,987	\$ 125,903	\$ 59,035	\$ 300,736
2011	138	43,217	81,507	278,366	4,951	408,179
2012	183	36,281	77,130	11,465	12,535	137,594
2013	250	35,293	105,832	211,927	4,152	357,454
2014	263	31,980	107,956	356,411	6,223	502,833
2015	227	26,922	337,300	76,174	15,432	456,055
2016	306	26,580	39,519	(13,070)	9,744	63,079
2017	—	24,069	—	322,219	13,909	360,197
2018	—	19,305	—	224,820	8,094	252,219
2019	—	17,957	—	169,183	21,411	208,551

10-YEAR COMPARISON OF ADDITIONS BY SOURCE (In thousands)



Teachers' Retirement System Defined Contribution Retirement Occupational Death & Disability Additions by Source (In thousands)				
Plan Ended June 30	Employer Contributions	Net Investment Income (Loss)	Other	Total
2010	\$ 442	\$ 83	\$ —	\$ 525
2011	474	327	—	801
2012	(1)	32	—	31
2013	—	284	—	284
2014	—	480	—	480
2015	—	99	—	99
2016	1	(10)	1	(8)
2017	—	406	—	406
2018	—	290	—	290
2019	312	243	—	555

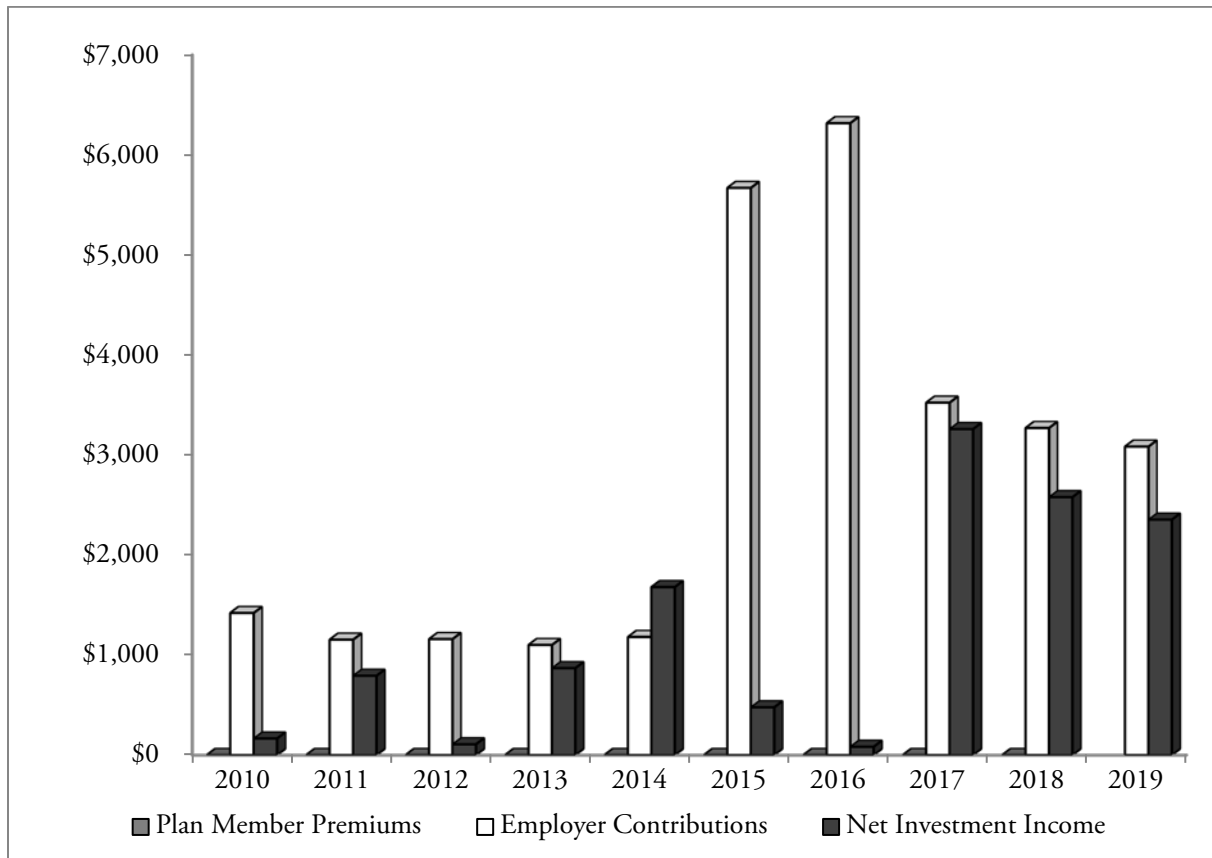
10-YEAR COMPARISON OF ADDITIONS BY SOURCE
(In thousands)



Statistical Section

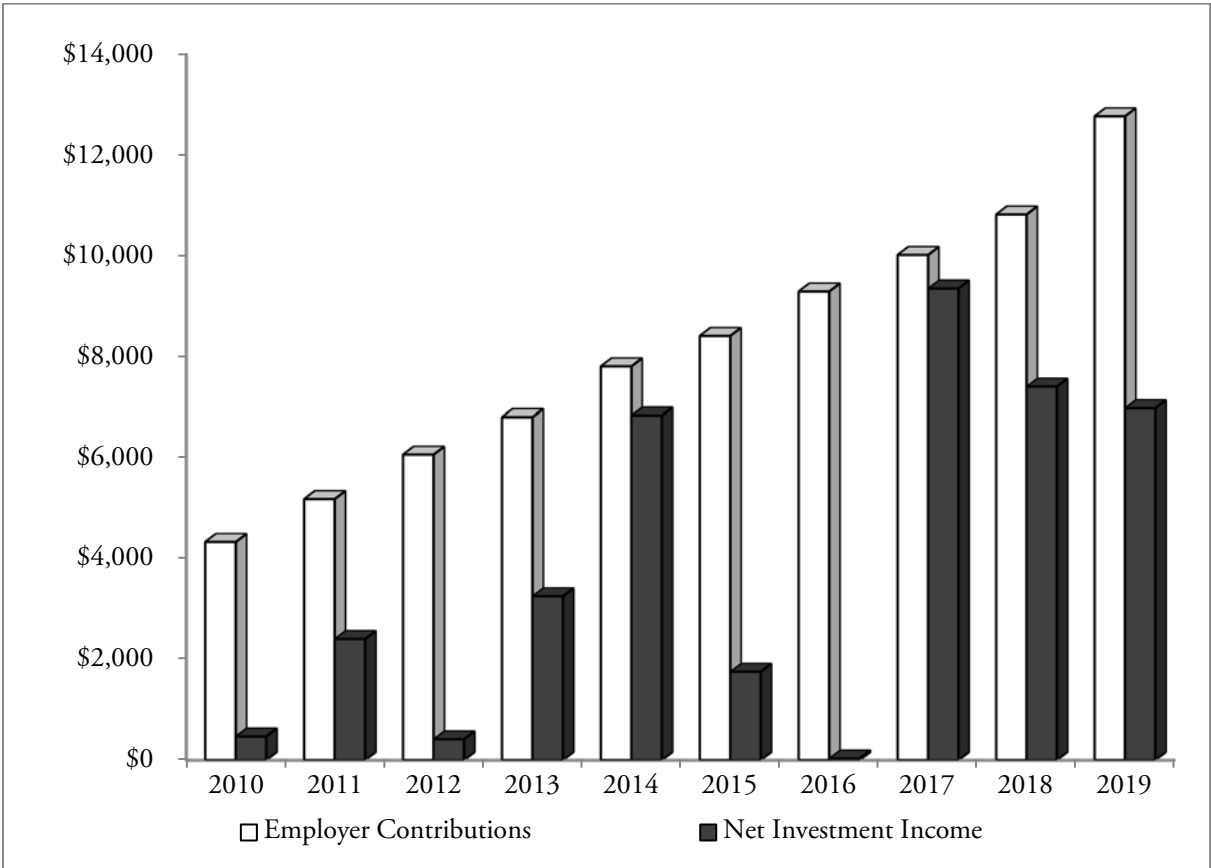
Teachers' Retirement System Defined Contribution Retirement Retiree Medical Plan Additions by Source (In thousands)					
Plan Ended June 30	Plan Member Premiums	Employer Contributions	Net Investment Income (Loss)	Other	Total
2010	\$ —	\$ 1,421	\$ 165	\$ —	\$ 1,586
2011	—	1,154	793	—	1,947
2012	—	1,160	107	—	1,267
2013	—	1,101	869	—	1,970
2014	—	1,181	1,680	—	2,861
2015	—	5,670	477	—	6,147
2016	—	6,317	82	—	6,399
2017	—	3,524	3,260	—	6,784
2018	—	3,271	2,580	—	5,851
2019	—	3,085	2,355	12	5,452

10-YEAR COMPARISON OF ADDITIONS BY SOURCE
(In thousands)



Teachers' Retirement System Defined Contribution Retirement Health Reimbursement Arrangement Additions by Source (In thousands)			
Plan Ended June 30	Employer Contributions	Net Investment Income (Loss)	Total
2010	\$ 4,344	\$ 470	\$ 4,814
2011	5,195	2,411	7,606
2012	6,077	414	6,491
2013	6,816	3,263	10,079
2014	7,816	6,846	14,662
2015	8,420	1,758	10,178
2016	9,301	31	9,332
2017	10,026	9,361	19,387
2018	10,829	7,414	18,243
2019	12,776	6,989	19,765

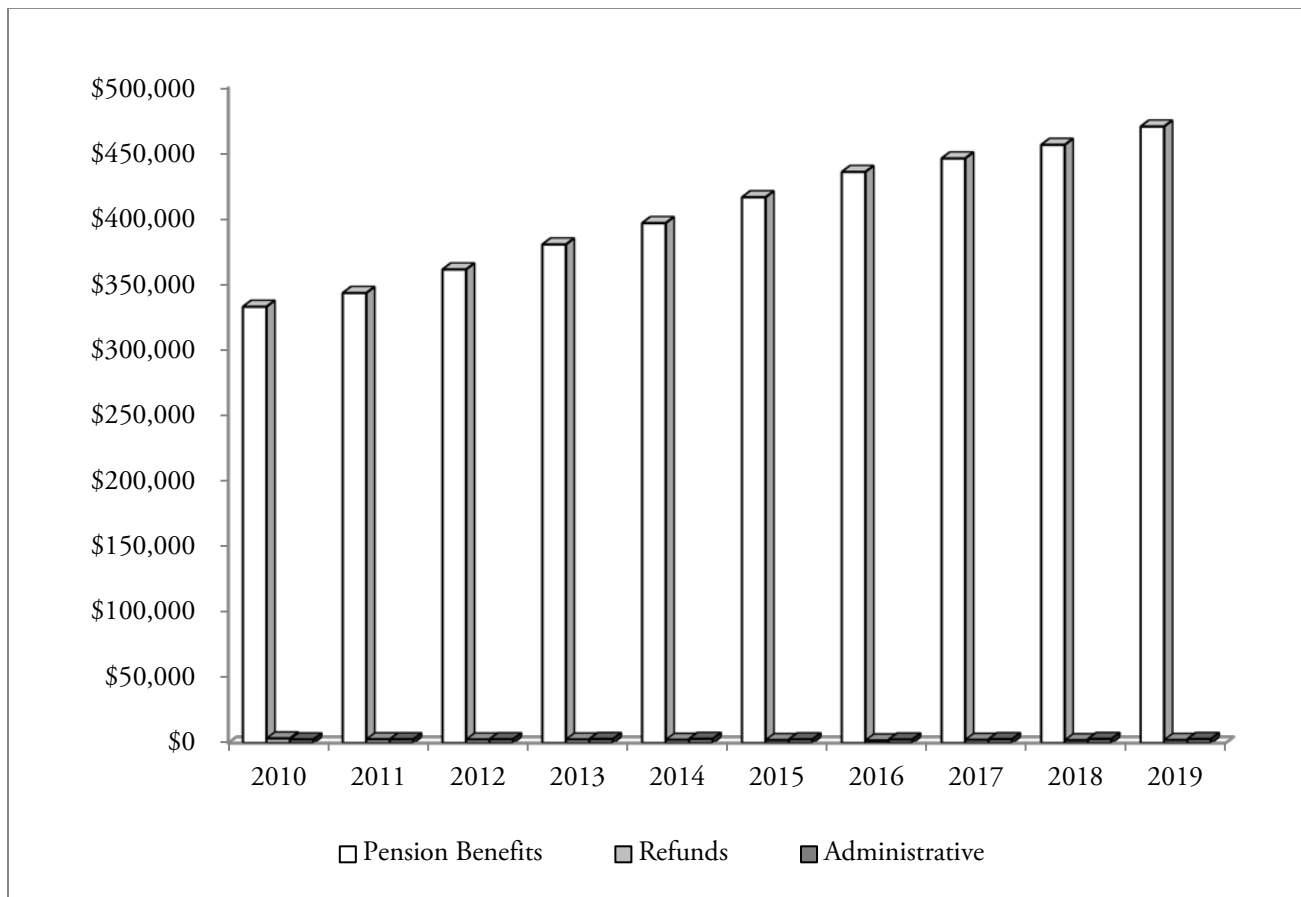
10-YEAR COMPARISON OF ADDITIONS BY SOURCE
(In thousands)



Statistical Section

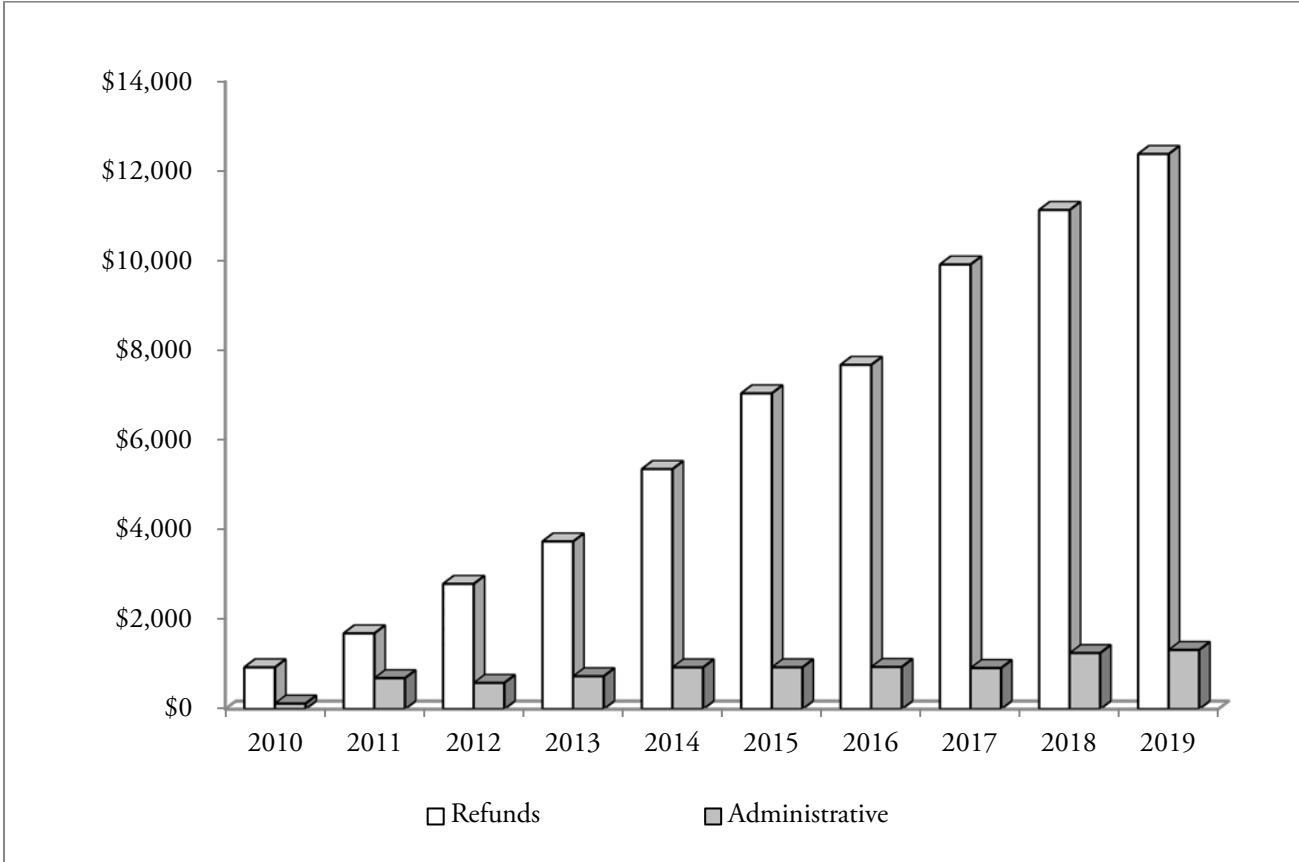
Teachers' Retirement System Defined Benefit Pension Deductions by Type (In thousands)				
Year Ended June 30	Pension Benefits	Refunds of Contributions	Administrative	Total
2010	\$ 332,690	\$ 3,472	\$ 2,698	\$ 338,860
2011	343,191	2,798	2,806	348,795
2012	361,202	2,637	2,847	366,686
2013	380,265	2,668	2,989	385,922
2014	396,614	2,387	3,160	402,161
2015	416,354	2,191	2,789	421,334
2016	435,699	1,883	2,648	440,230
2017	446,044	2,378	2,890	451,312
2018	456,427	2,084	3,050	461,561
2019	470,414	2,303	3,018	475,735

**10-YEAR COMPARISON OF DEDUCTIONS BY TYPE
(In thousands)**



Teachers' Retirement System Defined Contribution Retirement Participant Directed Deductions by Type (In thousands)				
Plan Ended June 30	Refund of Contributions	Administrative	Prior Year Forfeiture Payable Adjustment	Total
2010	\$ 930	\$ 123	\$ —	\$ 1,053
2011	1,688	689	—	2,377
2012	2,791	583	—	3,374
2013	3,737	731	3,247	7,715
2014	5,352	929	—	6,281
2015	7,041	931	—	7,972
2016	7,677	938	—	8,615
2017	9,918	915	—	10,833
2018	11,135	1,248	—	12,383
2019	12,384	1,317	—	13,701

**10-YEAR COMPARISON OF DEDUCTIONS BY TYPE
(In thousands)**

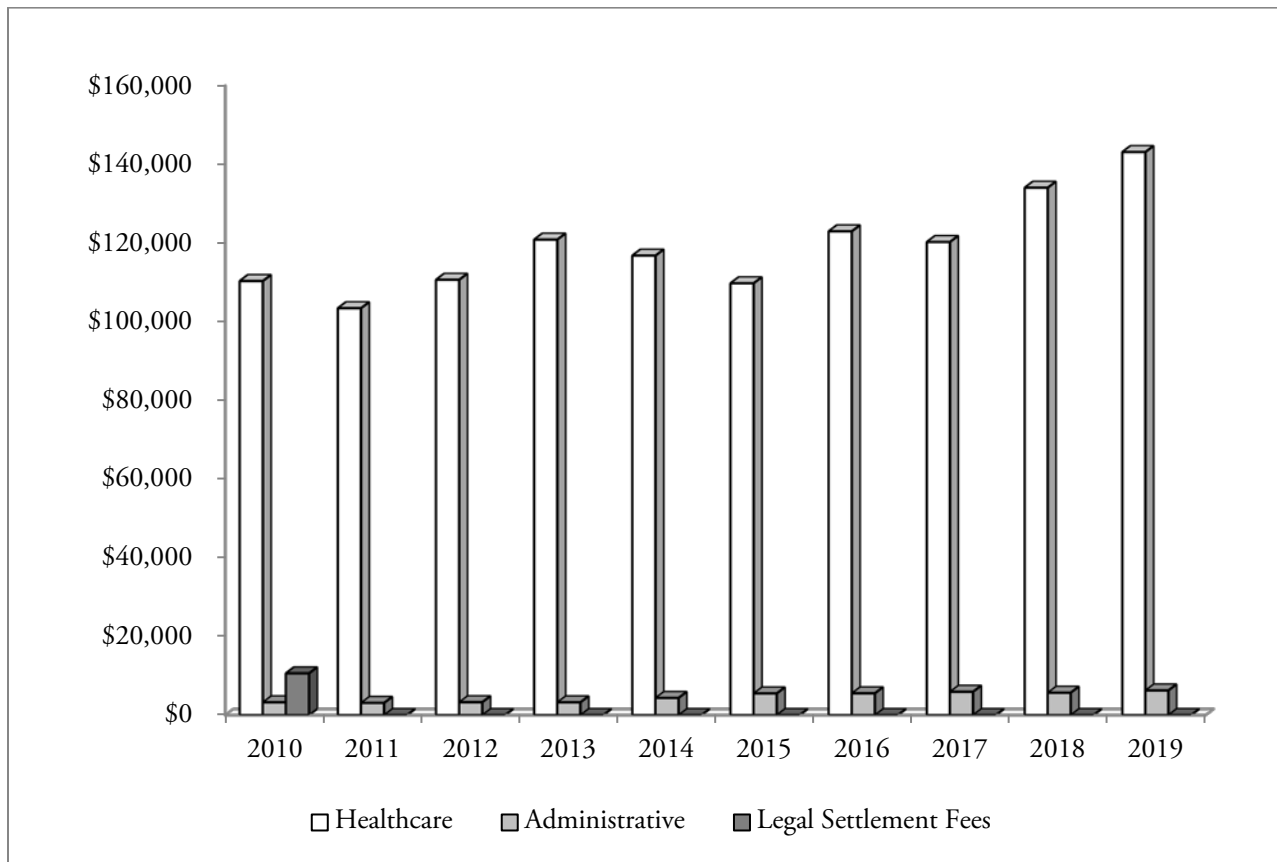


Statistical Section

Teachers' Retirement System Defined Benefit Alaska Retiree Healthcare Trust Deductions by Type (In thousands)

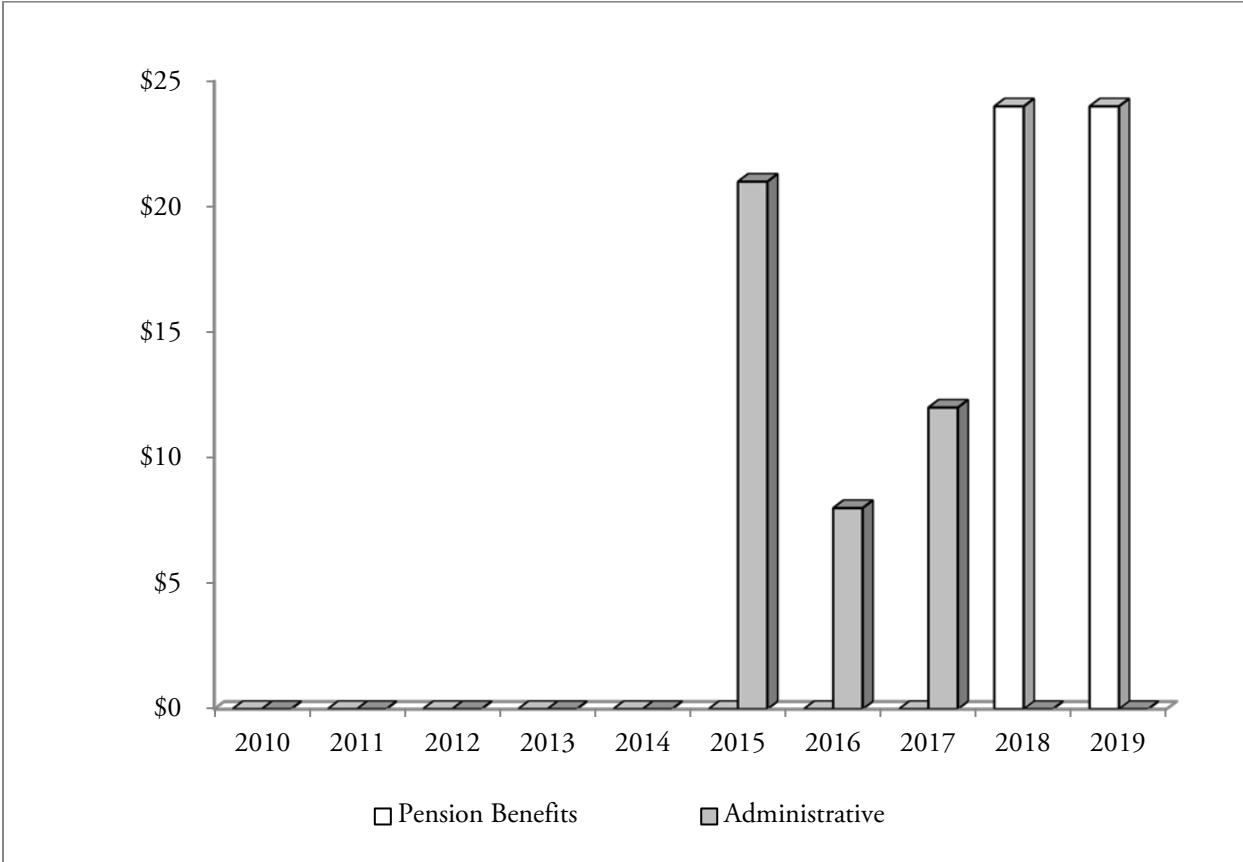
Plan Ended June 30	Healthcare	Administrative	Legal Settlement Fees	Total
2010	\$ 110,313	\$ 3,228	\$ 10,592	\$ 124,133
2011	103,405	3,080	—	106,485
2012	110,632	3,251	—	113,883
2013	120,855	3,219	—	124,074
2014	116,781	4,338	—	121,119
2015	109,740	5,484	—	115,224
2016	122,954	5,511	—	128,465
2017	120,237	5,908	—	126,145
2018	134,051	5,665	—	139,716
2019	143,126	6,241	—	149,367

10-YEAR COMPARISON OF DEDUCTIONS BY TYPE
(In thousands)



Teachers' Retirement System Defined Contribution Retirement Occupational Death & Disability Deductions by Type (In thousands)			
Plan Ended June 30	Pension Benefits	Administrative	Total
2010	\$ —	\$ —	\$ —
2011	—	—	—
2012	—	—	—
2013	—	—	—
2014	—	—	—
2015	—	21	21
2016	—	8	8
2017	—	12	12
2018	24	—	24
2019	24	—	24

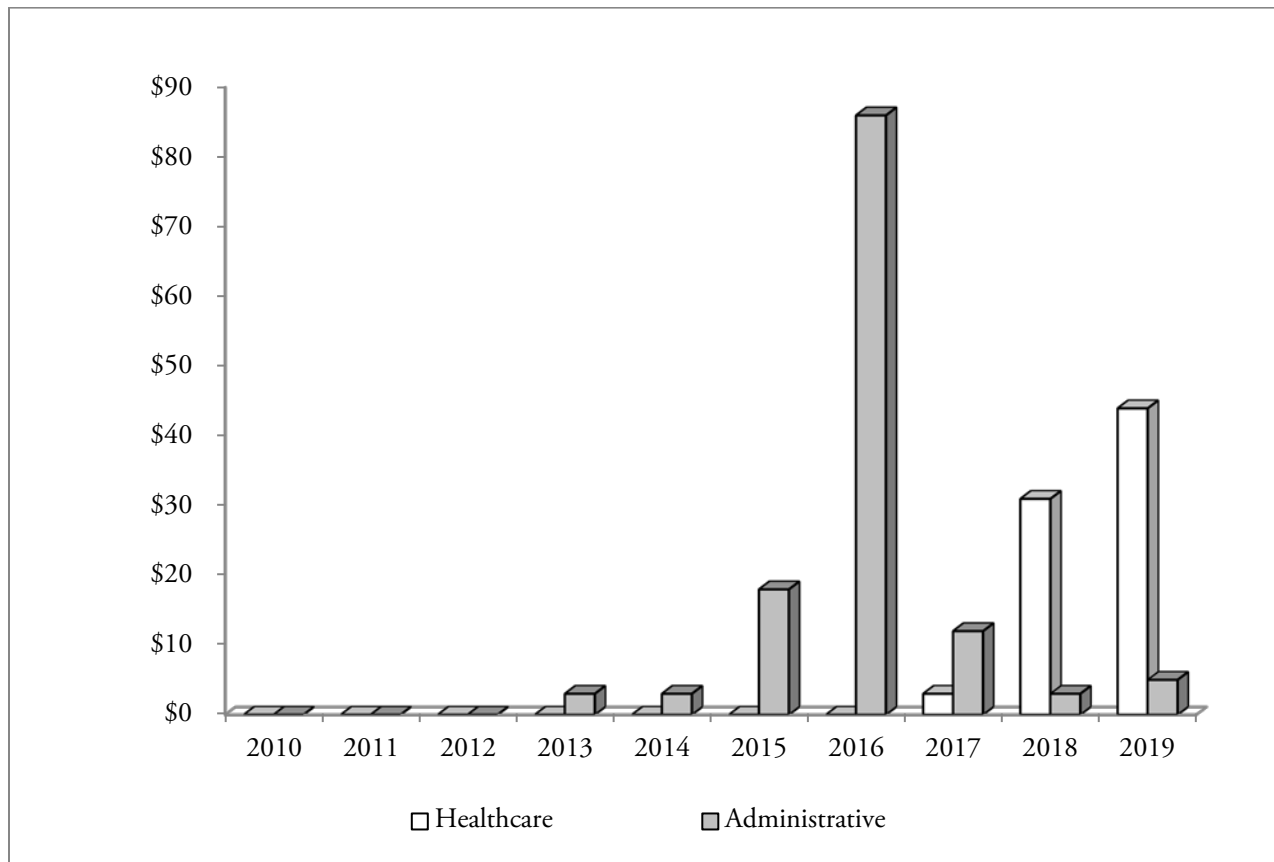
10-YEAR COMPARISON OF DEDUCTIONS BY TYPE
(In thousands)



Statistical Section

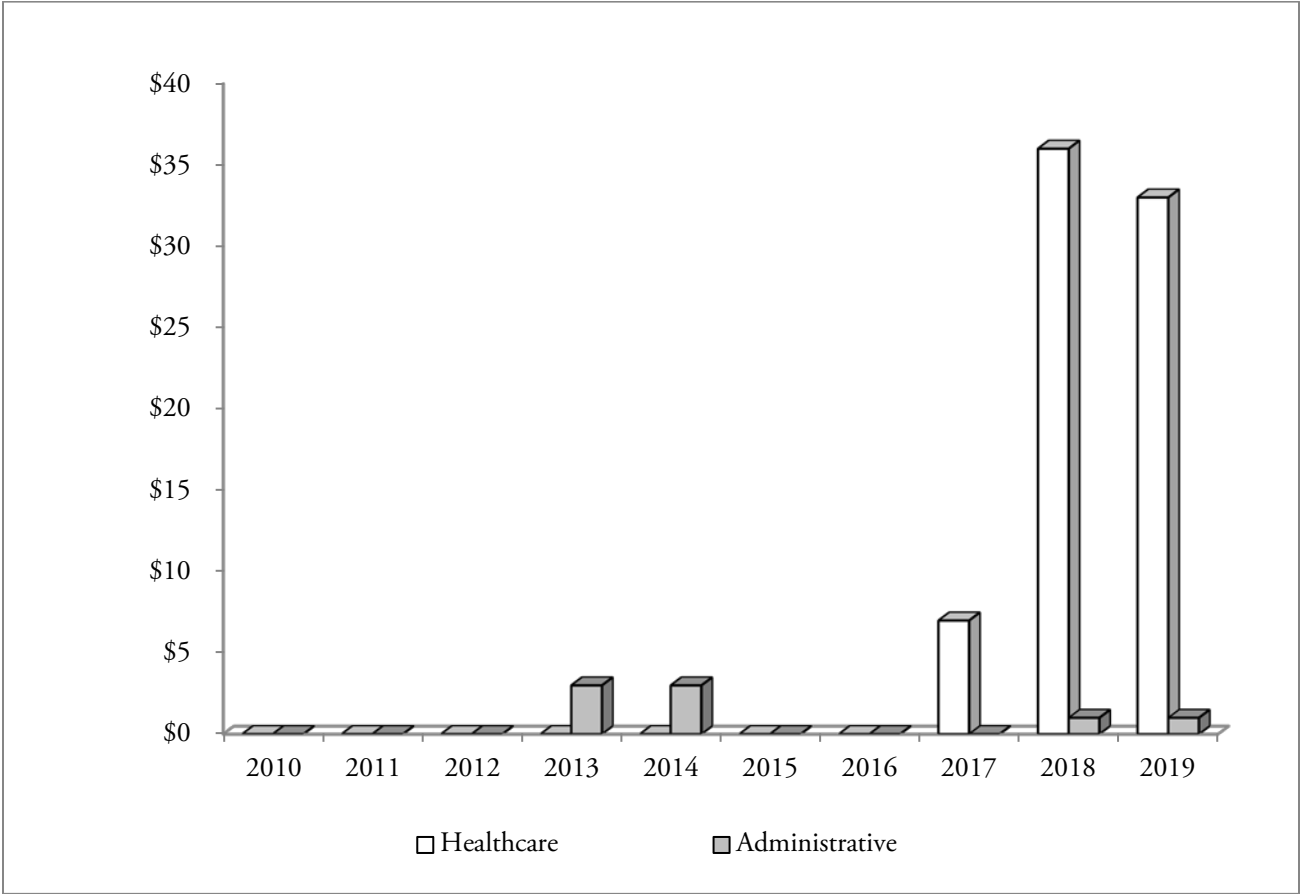
Teachers' Retirement System Defined Contribution Retirement Medical Plan Deductions by Type (In thousands)			
Plan Ended June 30	Healthcare	Administrative	Total
2010	\$ —	\$ —	\$ —
2011	—	—	—
2012	—	—	—
2013	—	3	3
2014	—	3	3
2015	—	18	18
2016	—	86	86
2017	3	12	15
2018	31	3	34
2019	44	6	50

**10-YEAR COMPARISON OF DEDUCTIONS BY TYPE
(In thousands)**



Teachers' Retirement System Defined Contribution Retirement Health Reimbursement Arrangement Deductions by Type (In thousands)			
Plan Ended June 30	Healthcare	Administrative	Total
2010	\$ —	\$ —	\$ —
2011	—	—	—
2012	—	—	—
2013	—	3	3
2014	—	3	3
2015	—	—	—
2016	—	—	—
2017	7	—	7
2018	36	1	37
2019	33	1	34

10-YEAR COMPARISON OF DEDUCTIONS BY TYPE
(In thousands)

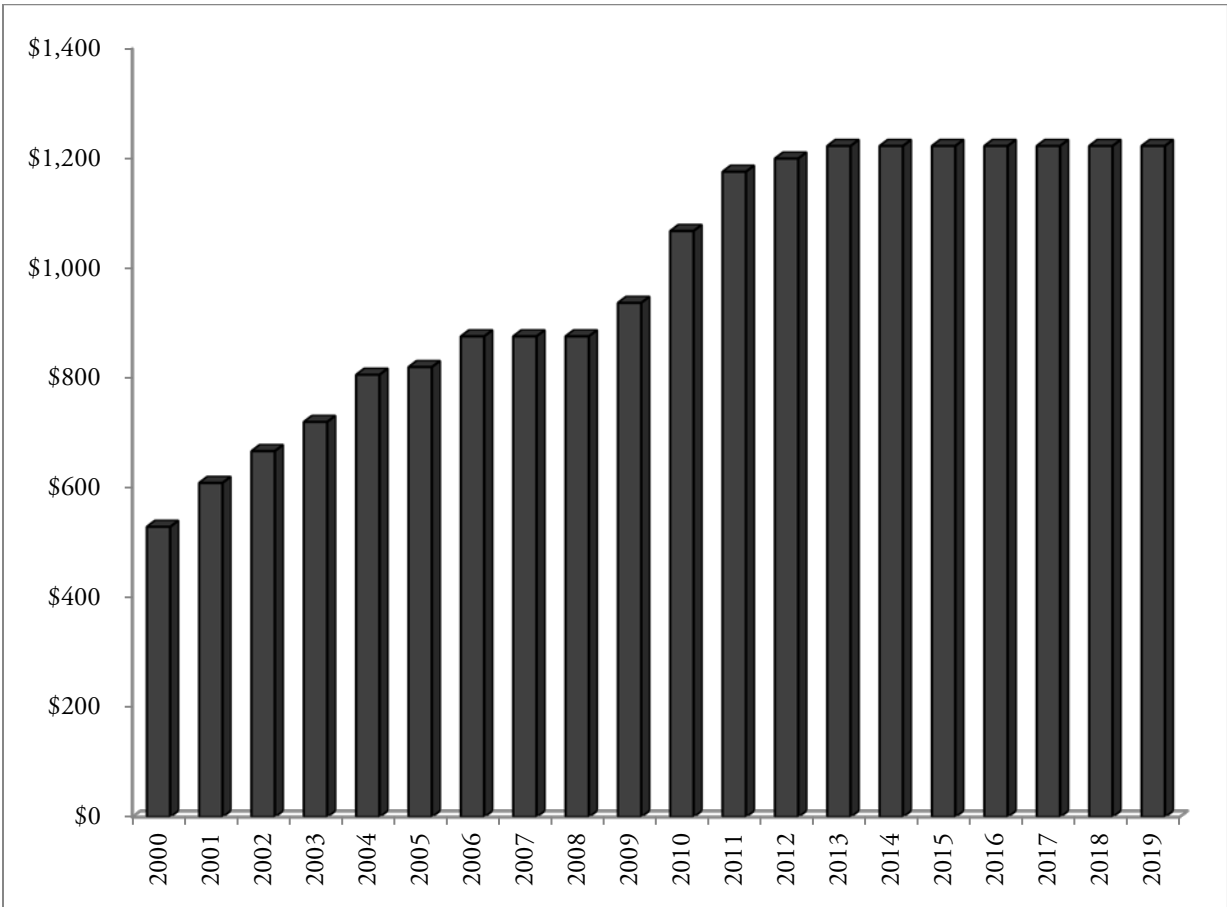


Statistical Section

Teachers' Retirement System Schedule of Average Pension Benefit Payments New Benefit Recipients							
	Years of Credited Service						
	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30+
Period 7/1/12 - 6/30/13:							
Average Monthly Benefit	\$253	\$1,030	\$1,496	\$2,450	\$3,281	\$4,384	\$6,052
Number of Recipients	10	57	67	90	101	79	64
Period 7/1/13 - 6/30/14:							
Average Monthly Benefit	\$235	\$904	\$1,435	\$2,398	\$3,016	\$4,073	\$7,485
Number of Recipients	8	31	31	28	22	18	12
Period 7/1/14 - 6/30/15:							
Average Monthly Benefit	\$349	\$1,041	\$1,342	\$2,205	\$3,267	\$4,220	\$5,900
Number of Recipients	11	33	70	67	137	125	94
Period 7/1/15 - 6/30/16:							
Average Monthly Benefit	\$245	\$1,002	\$1,535	\$2,540	\$3,445	\$4,472	\$6,168
Number of Recipients	11	31	82	69	105	74	54
Period 7/1/16 - 6/30/17:							
Average Monthly Benefit	\$426	\$795	\$1,626	\$2,433	\$3,549	\$4,536	\$6,351
Number of Recipients	10	22	60	75	100	64	48
Period 7/1/17 - 6/30/18:							
Average Monthly Benefit	\$204	\$899	\$1,583	\$2,583	\$3,422	\$4,580	\$6,083
Number of Recipients	5	21	61	85	109	130	57
<p>“Average Monthly Benefit” includes post-retirement pension adjustments and cost-of-living increases.</p> <p>Beneficiaries are not included in the table above</p>							

Teachers' Retirement System Schedule of Pension and Healthcare Benefits Deductions by Type (In thousands)						
Year Ended June 30	Service	Disability	Survivor	Dependent	Healthcare	Total
2010	\$ 319,109	\$ 1,757	\$ 11,787	\$ 37	\$ 117,556	\$ 450,246
2011	329,308	1,337	12,499	47	133,152	476,343
2012	346,538	1,222	13,398	45	146,309	507,512
2013	364,387	1,377	14,467	34	160,337	540,602
2014	379,594	1,231	15,703	86	166,631	563,245
2015	398,280	1,211	16,781	82	109,740	526,094
2016	415,963	1,279	18,360	97	122,954	558,653
2017	425,059	1,306	19,609	70	120,248	566,292
2018	434,783	1,226	20,372	70	134,118	590,569
2019	447,951	1,281	21,157	49	143,203	613,641

20-YEAR COMPARISON OF RETIREE MONTHLY COMPOSITE MEDICAL PREMIUMS



Statistical Section

Teachers' Retirement System Schedule of Pension Benefit Recipients by Type of Pension Benefit and Option Elected Valuation as of June 30, 2018

Amount of Monthly Pension Benefit	Number of Recipients	Type of Pension Benefit			Option Selected			
		1	2	3	1	2	3	4
\$ 1 - 300	233	163	70	—	141	45	41	6
301 - 600	393	282	111	—	203	82	87	21
601 - 900	677	529	148	—	365	139	137	36
901 - 1,200	821	661	160	—	465	173	151	32
1,201 - 1,500	730	577	153	—	385	163	155	27
1,501 - 1,800	737	582	155	—	397	164	152	24
1,801 - 2,100	714	590	124	—	353	157	177	27
2,101 - 2,400	874	769	105	—	380	217	248	29
2,401 - 2,700	1,029	944	84	1	438	247	309	35
2,701 - 3,000	1,016	960	53	3	416	249	324	27
3,001 - 3,300	973	933	32	8	372	220	351	30
3,301 - 3,600	914	889	21	4	351	189	352	22
3,601 - 3,900	810	790	17	3	294	176	309	31
3,901 - 4,200	708	698	8	2	277	134	280	17
over \$4,200	2,648	2,621	23	4	923	445	1,196	84
Totals	13,277	11,988	1,264	25	5,760	2,800	4,269	448

Type of Pension Benefit

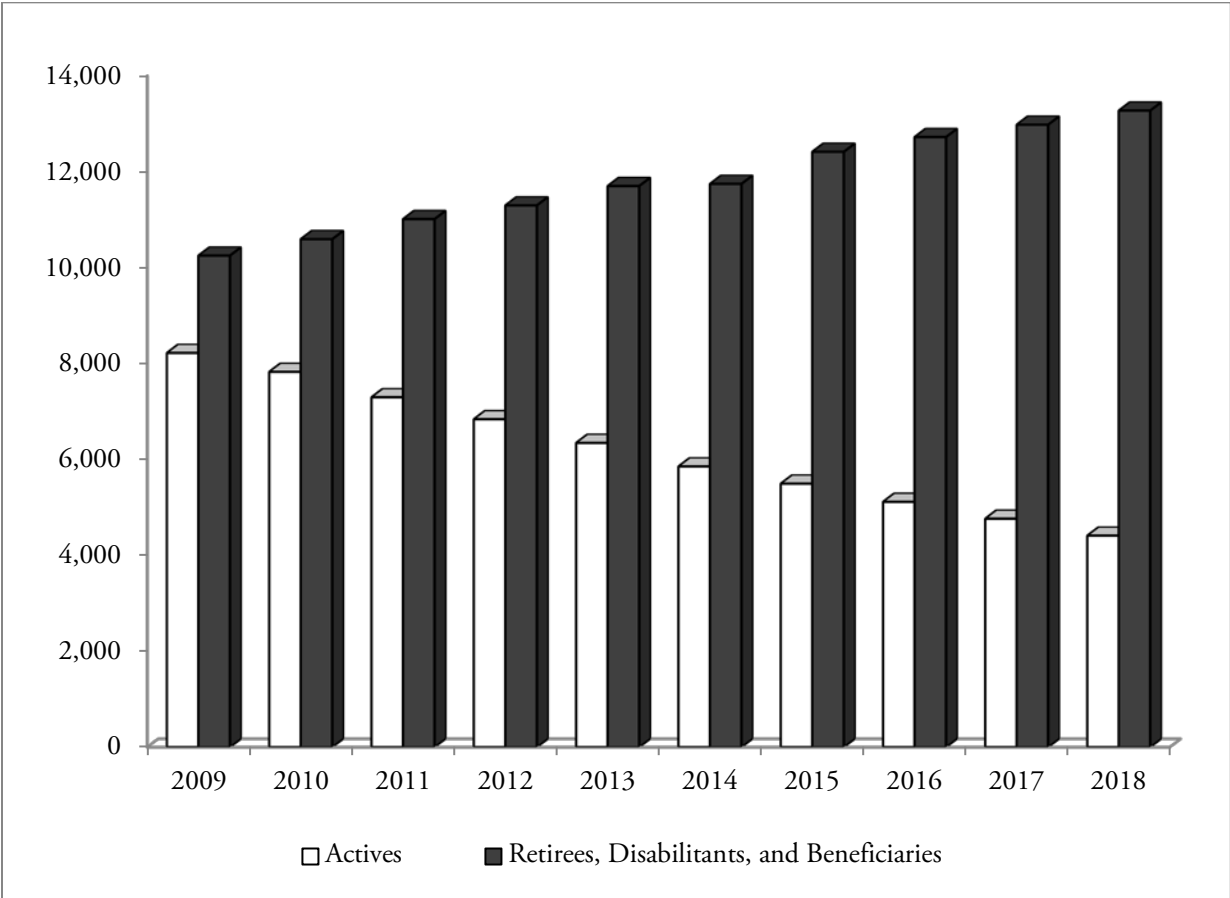
- 1 - Regular retirement
- 2 - Survivor payment
- 3 - Disability

Option Selected

- 1 - Whole Life Annuity
- 2 - 75% Joint and Contingent Annuity
- 3 - 50% Joint and Contingent Annuity
- 4 - 66 2/3% Joint and Survivor Annuity

Teachers' Retirement System System Membership by Status					
Year Ended June 30	Active	Retirees Disabilitants & Beneficiaries	Vested Terminations	Nonvested Terminations w/Balance	Total
2009	8,226	10,255	884	2,830	22,195
2010	7,832	10,598	840	2,789	22,059
2011	7,303	11,016	852	2,675	21,846
2012	6,845	11,301	868	2,559	21,573
2013	6,352	11,705	906	2,448	21,411
2014	5,861	11,750	1,274	2,328	21,213
2015	5,502	12,418	890	2,218	21,028
2016	5,123	12,726	875	2,103	20,827
2017	4,772	12,983	876	1,994	20,625
2018	4,418	13,277	797	1,900	20,392

**10-YEAR COMPARISON OF ACTIVE MEMBERS AND RETIREES,
DISABILITANTS, AND BENEFICIARIES**



Statistical Section

Teachers' Retirement System Principal Participating Employers June 30, 2019			
Employer	Non-retired Members	Rank	Percentage of Total Non-retired Members
Anchorage School District	4,989	1	31.99%
Matanuska-Susitna Borough School District	1,657	2	10.62
Fairbanks North Star Borough School District	<u>1,351</u>	3	<u>8.66</u>
Total	<u>7,997</u>		<u>51.27%</u>

Teachers' Retirement System Participating Employers June 30, 2019

Alaska Department of Education
Alaska Gateway School District
Aleutian Region School District
Aleutians East Borough School District
Anchorage School District
Annette Island School District

Bering Strait School District
Bristol Bay Borough School District

Chatham School District
Chugach School District
Copper River School District
Cordova City School District
Craig City School District

Delta-Greely School District
Denali Borough School District
Dillingham City School District

Fairbanks North Star Borough School District

Galena City School District

Haines Borough School District
Hoonah City School District
Hydaburg City School District

Iditarod Area School District

Juneau School District, City and Borough of

Kake City School District
Kashunamiut School District
Kenai Peninsula Borough School District
Ketchikan Gateway Borough School District
Klawock City School District
Kodiak Island Borough School District
Kuspuk School District

Lake and Peninsula Borough School District
Lower Kuskokwim School District
Lower Yukon School District

Matanuska-Susitna Borough School District

Nenana City School District
Nome City School District
North Slope Borough School District
Northwest Arctic Borough School District

Pelican City School District
Petersburg City School District
Pribilof School District

Saint Mary's School District
Sitka Borough School District
Skagway City School District
Southeast Island School District
Southeast Regional Resource Center
Southwest Region School District
Special Education Service Agency

Tanana School District

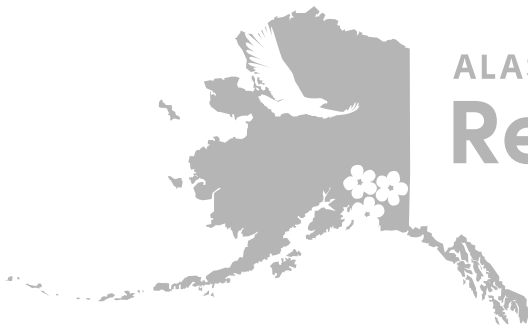
Unalaska City School District
University of Alaska

Valdez City School District

Wrangell Public School District

Yakutat School District
Yukon Flats School District
Yukon-Koyukuk School District
Yupiit School District

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ALASKA DIVISION OF
**Retirement
and Benefits**