STATISTICAL SECTION

FY 2020 CAFR



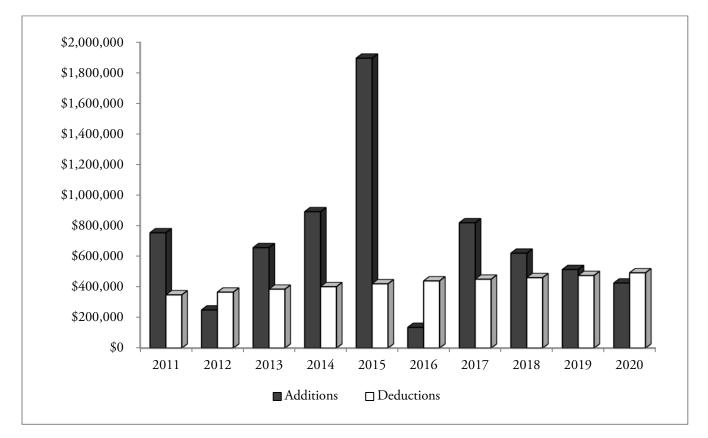
STATISTICAL SECTION OVERVIEW

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.

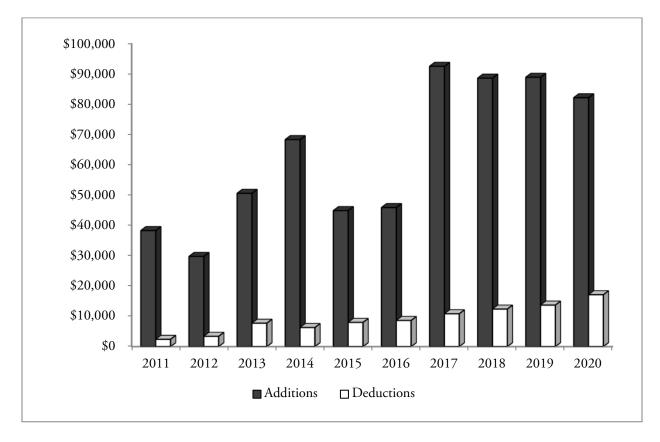
Financial Trends
These schedules contain financial trend information utilizing a multi-year presentation so the reader can better understand how the System's financial performance has changed over time. Financial information is presented on an accrual basis.
Operating Information176-178
These schedules contain detailed benefit payment information to provide the reader a better understanding of the pension benefits provided by the Division. Demographic Information

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

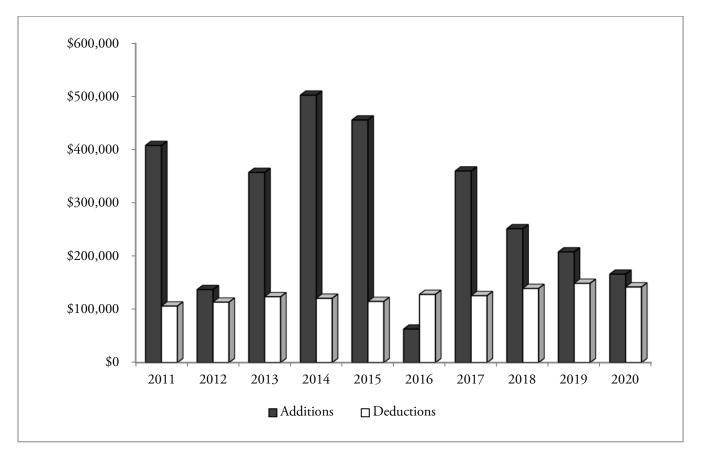
Teachers' Retirement System Defined Benefit Pension Changes in Fiduciary Net Position (In thousands)							
Year Ended June 30							
2011	\$ 2,716,557	\$ 755,768	\$ 348,795	\$ 406,973	\$ 3,123,530		
2012	3,123,530	249,803	366,686	(116,883)	3,006,647		
2013	3,006,647	658,405	385,922	272,483	3,279,130		
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		
2020	5,511,929	426,305	493,435	(67,130)	5,444,799		



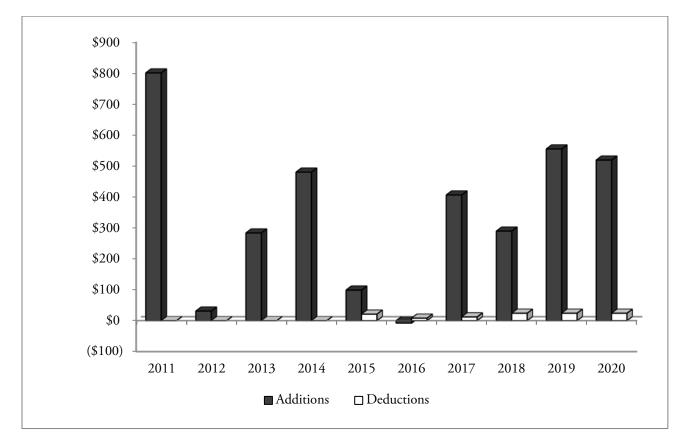
Teachers' Retirement System Defined Contribution Retirement Participant Directed Changes in Fiduciary Net Position (In thousands)								
Year Ended June 30								
2011	\$ 47,994	\$ 38,355	\$ 2,377	\$ 35,978	\$ 83,972			
2012	83,972	29,791	3,374	26,417	110,389			
2013	110,389	50,560	7,715	42,845	153,234			
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			
2020	522,722	82,149	17,137	65,012	587,734			



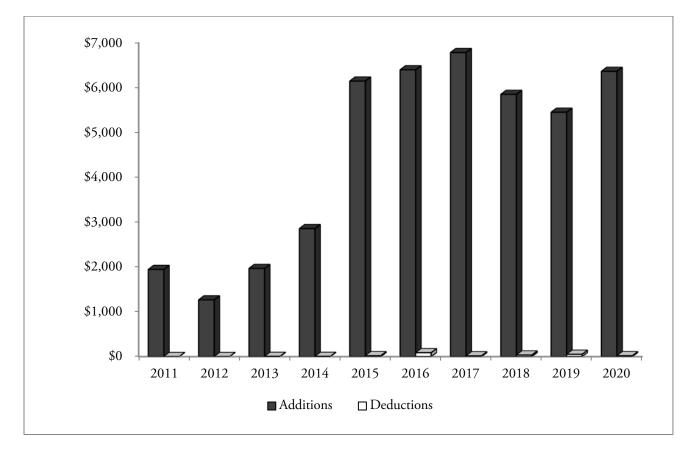
Teachers' Retirement System Defined Benefit Alaska Retiree Healthcare Trust Changes in Fiduciary Net Position (In thousands)							
Fiduciary NetIncrease /Position,(Decrease)Year EndedBeginningJune 30of YearAdditionsDeductionsPositionEnd of Year							
2011	\$ 1,307,636	\$ 408,179	\$ 106,485	\$ 301,694	\$ 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		
2020	2,929,319	166,653	142,511	24,142	2,953,461		



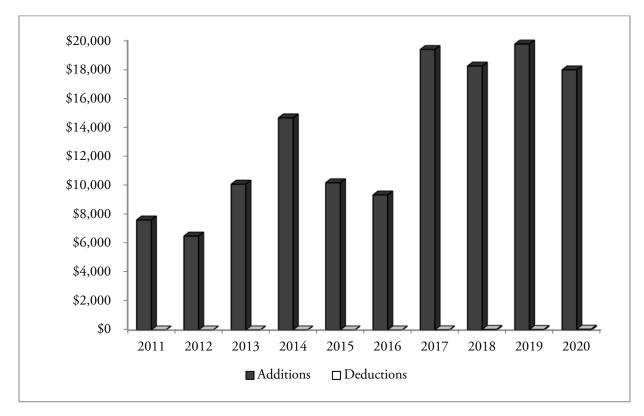
Teachers' Retirement System Defined Contribution Retirement Occupational Death & Disability Changes in Fiduciary Net Position (In thousands)							
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year		
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		
2020	4,328	519	24	495	4,823		



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		
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		
2020	42,067	6,364	18	6,346	48,413		



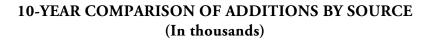
Teachers' Retirement System Defined Contribution Retirement Health Reimbursement Arrangement Changes in Fiduciary Net Position (In thousands)								
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year			
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			
2020	126,299	17,978	56	17,922	144,221			

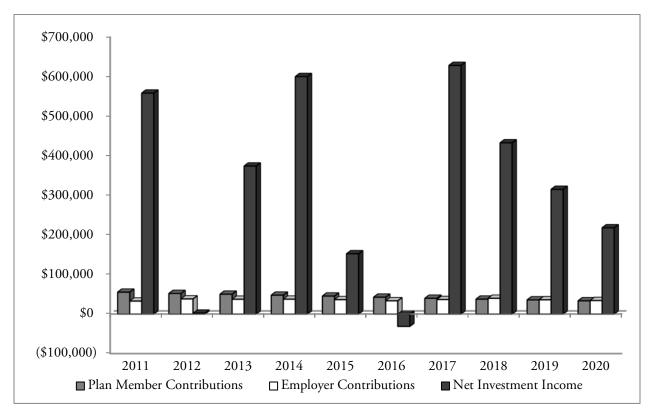


Teachers' Retirement System Defined Benefit Pension Additions by Source (In thousands)								
YearPlanEmployerStateNetEndedMemberContributionofInvestmentJune 30ContributionssAlaska(Loss)Other								
2011	\$ 55,347	\$ 32,804	\$ 109,343	\$ 558,220	\$ 54	\$ 755,768		
2012	52,020	38,189	157,387	2,190	17	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		
2020	33,566	34,114	140,219	218,373	33	426,305		

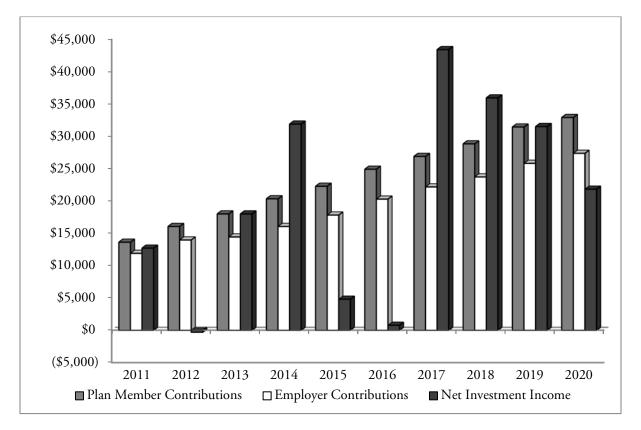
Note: This schedule shows the full appropriated amount of the additional state contribution as required by AS

14.25.085, a portion of which is included in "Employer Contributions" on the audited financial statements.

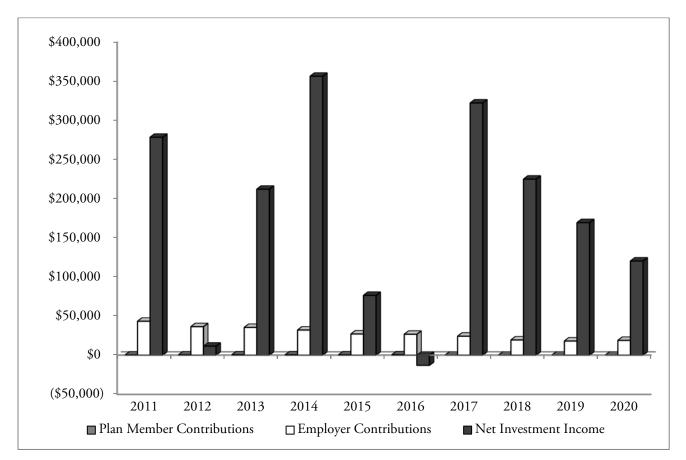




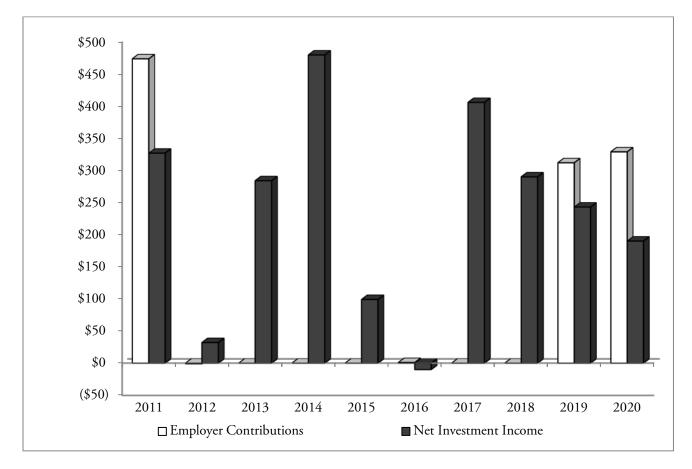
Teachers' Retirement System Defined Contribution Retirement Participant Directed Additions by Source (In thousands)							
YearPlanNet InvestmentEndedMemberEmployerIncomeJune 30ContributionsContributions(Loss)Other							
2011	\$ 13,665	\$ 11,943	\$ 12,742	\$ 5	\$ 38,355		
2012	16,095	14,003	(307)	—	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		
2020	32,907	27,366	21,819	57	82,149		



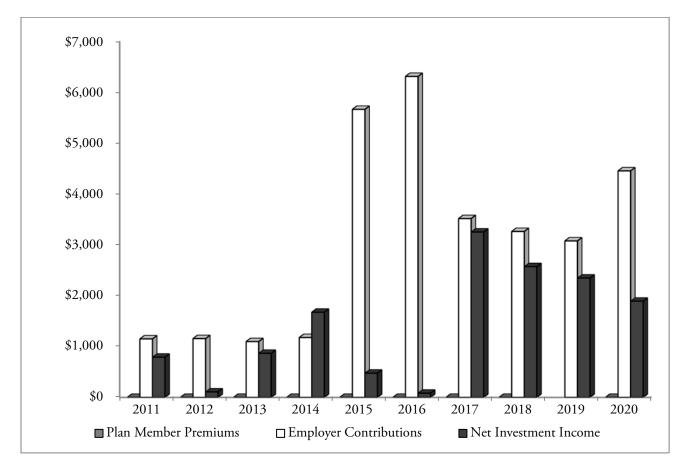
Teachers' Retirement System Defined Benefit Alaska Retiree Healthcare Trust Additions by Source (In thousands)								
Year Ended June 30	Plan Member Premiums	Employer Contributions	State of Alaska	Net Investment Income (Loss)	Other	Total		
2011	\$ 138	\$ 43,217	\$ 81,507	\$ 278,366	\$ 4,951	\$ 408,179		
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		
2020		18,788		120,073	27,792	166,653		



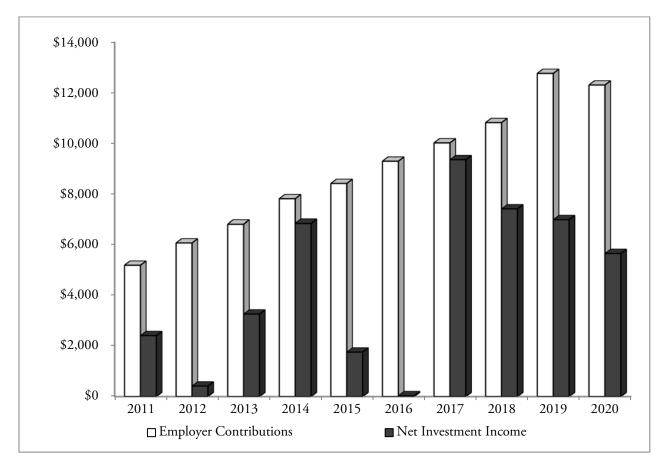
Teachers' Retirement System Defined Contribution Retirement Occupational Death & Disability Additions by Source (In thousands)							
Plan Ended June 30	Employer Contributions	Net Investment Income (Loss)	Other	Total			
2011	\$ 474	\$ 327	\$	\$ 801			
2012	(1)	32	_	31			
2013	—	284	_	284			
2014	—	480	_	480			
2015	—	99	_	99			
2016	1	(10)	1	(8)			
2017	—	406		406			
2018	—	290		290			
2019	312	243		555			
2020	329	190	_	519			



Teachers' Retirement System Defined Contribution Retirement Retiree Medical Plan Additions by Source (In thousands)								
Plan EndedPlan MemberEmployerNet InvestmentJune 30PremiumsContributionsIncome (Loss)OtherTotal								
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			
2020	_	4,461	1,899	4	6,364			

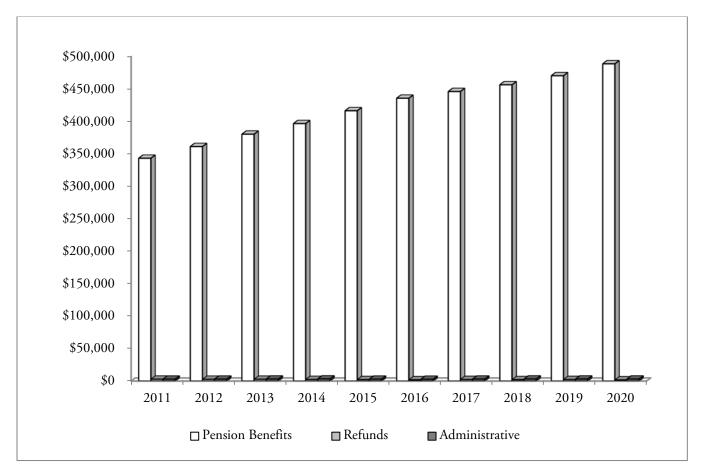


Teachers' Retirement System Defined Contribution Retirement Health Reimbursement Arrangement Additions by Source (In thousands)						
PlanEndedEmployerNet InvestmentJune 30ContributionsIncome (Loss)Total						
2011	\$ 5,195	\$ 2,411	\$ 7,606			
2012	6,077	414	6,491			
2013	6,816	3,263	10,079			
2014	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			
2020	12,317	5,661	17,978			

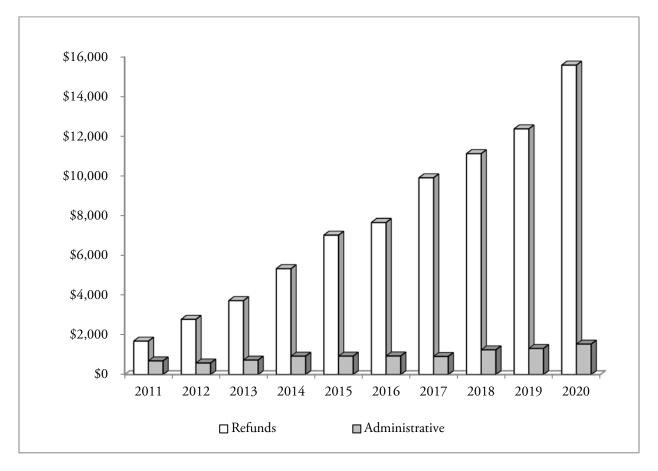


Teachers' Retirement System Defined Benefit Pension Deductions by Type (In thousands)							
Year EndedPensionRefunds ofJune 30BenefitsContributionsAdministrativeTotal							
2011	\$ 343,191	\$ 2,798	\$ 2,806	\$ 348,795			
2012	361,202	2,637	2,847	366,686			
2013	380,265	2,668	2,989	385,922			
2014	396,614	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							
2020	488,748	1,699	2,988	493,435			

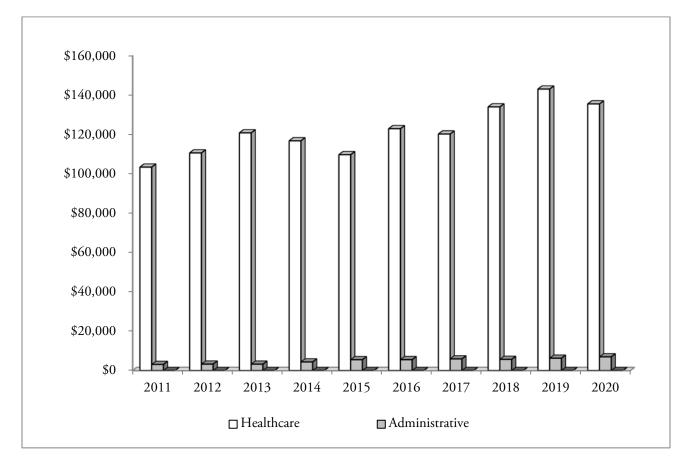
10-YEAR COMPARISON OF DEDUCTIONS BY TYPE (In thousands)



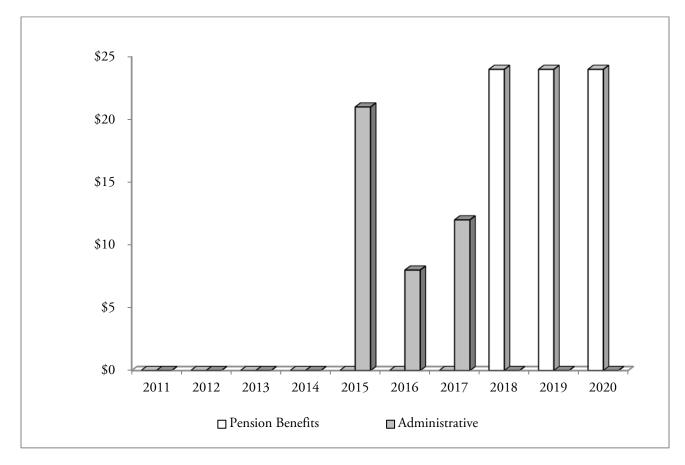
Teachers' Retirement System Defined Contribution Retirement Participant Directed Deductions by Type (In thousands)						
PlanPrior YearEndedRefund ofForfeiture PayableJune 30ContributionsAdministrativeAdjustment						
2011	\$ 1,688	\$ 689	\$	\$ 2,377		
2012	2,791	583	_	3,374		
2013	3,737	731	3,247	7,715		
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		
2020	15,598	1,539	_	17,137		



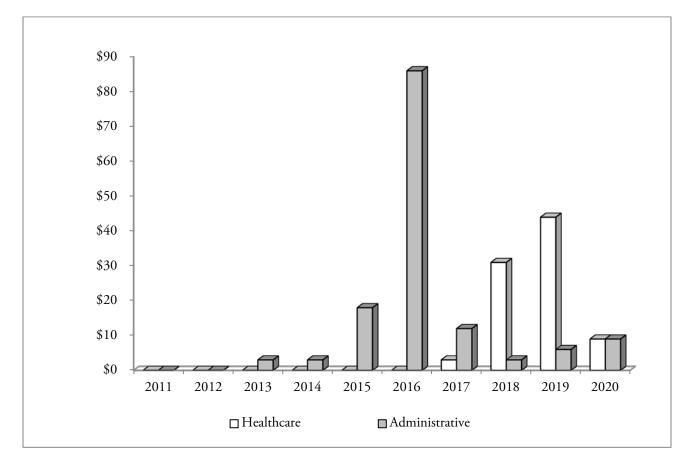
Teachers' Retirement System Defined Benefit Alaska Retiree Healthcare Trust Deductions by Type (In thousands)						
Plan Ended June 30	Healthcare	Administrative	Total			
2011	\$ 103,405	\$ 3,080	\$ 106,485			
2012	110,632	3,251	113,883			
2013	120,855	3,219	124,074			
2014	116,781	4,338	121,119			
2015	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			
2020	135,566	6,945	142,511			



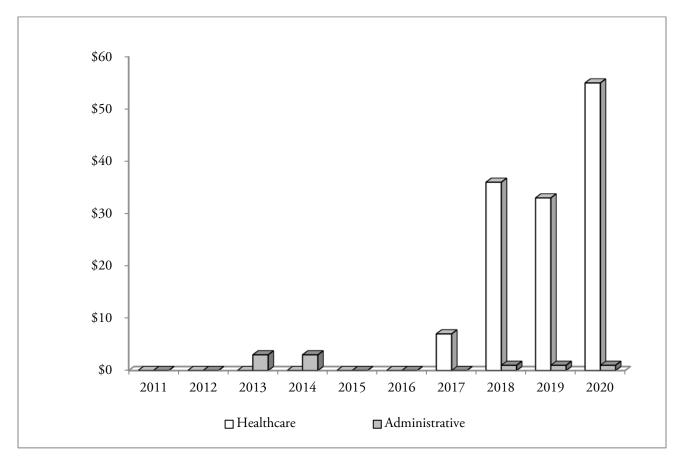
Teachers' Retirement System Defined Contribution Retirement Occupational Death & Disability Deductions by Type (In thousands)							
Plan Ended June 30	Ended Pension						
2011	\$ —	\$	\$				
2012							
2013							
2014							
2015		21	21				
2016		8	8				
2017		12	12				
2018	24 —						
2019	24		24				
2020	24	_	24				



Teachers' Retirement System Defined Contribution Retirement Medical Plan Deductions by Type (In thousands)						
PlanEndedJune 30HealthcareAdministrativeTotal						
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			
2020	9	9	18			



Teachers' Retirement System Defined Contribution Retirement Health Reimbursement Arrangement Deductions by Type (In thousands)								
Plan Ended June 30	Ended							
2011	\$	\$	\$					
2012								
2013		3	3					
2014		3	3					
2015								
2016								
2017	7		7					
2018	36 1 37							
2019	33	1	34					
2020	55	1	56					

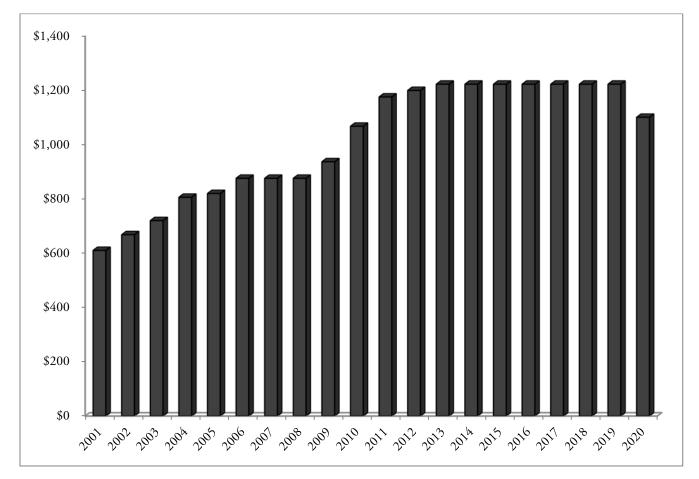


	Teachers' Retirement System Schedule of Average Pension Benefit Payments New Benefit Recipients								
	Years of Credited Service								
	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30+		
Period 7/1/11 - 6/30/12: Average Monthly Benefit	\$353	\$1,064	\$1,512	\$2,241	\$3,276	\$4,320	\$5,739		
Number of Recipients	11	43	62	61	118	81	58		
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:	\$235	\$904	\$1,435	\$2,398	\$3,016	\$4,073	\$7,485		
Average Monthly Benefit									
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		
Period 7/1/18 - 6/30/19:									
Average Monthly Benefit	\$334	\$891	\$1,540	\$2,760	\$3,567	\$4,666	\$6,777		
Number of Recipients	4	23	39	87	93	85	41		

Beneficiaries are not included in the table above

Teachers' Retirement System Schedule of Pension and Healthcare Benefits Deductions by Type (In thousands)								
Year Ended June 30	Service Disability Survivor Dependent Healthcare Total							
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		
2020	464,483	1,026	23,244	19	135,630	624,402		

20-YEAR COMPARISON OF RETIREE MONTHLY COMPOSITE MEDICAL PREMIUMS



Teachers' Retirement System Schedule of Pension Benefit Recipients by Type of Pension Benefit and Option Elected Valuation as of June 30, 2019								
Amount of	Number of		of Pension Ben			•	n Selected	
Monthly Pension Benefit	Recipients	1	2	3	1	2	3	4
\$ 1 - 300	225	156	69		137	44	37	7
301 - 600	390	278	112		206	76	85	23
601 - 900	658	505	153		358	134	130	36
901 - 1,200	837	667	170		480	166	156	35
1,201 - 1,500	726	566	160	—	391	167	145	23
1,501 - 1,800	715	559	156		396	154	142	23
1,801 - 2,100	748	614	134		375	165	179	29
2,101 - 2,400	819	712	107		363	199	227	30
2,401 - 2,700	985	901	83	1	433	238	284	30
2,701 - 3,000	1,050	989	59	2	424	261	333	32
3,001 - 3,300	964	921	37	6	381	217	339	27
3,301 - 3,600	933	900	29	4	379	189	337	28
3,601 - 3,900	832	814	14	4	305	181	319	27
3,901 - 4,200	733	718	11	4	277	163	271	22
over \$4,200	2,876	2,847	24	5	1,040	476	1,266	94
Totals	13,491	12,147	1,318	26	5,945	2,830	4,250	466

Type of Pension Benefit

1 - Regular retirement

2 - Survivor payment

3 - Disability

Option Selected

1 - Whole Life Annuity

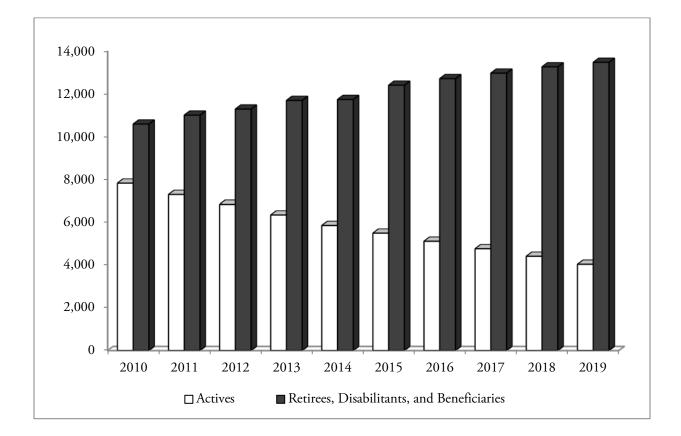
2 - 75% Joint and Contingent Annuity

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		
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		
2019	4,044	13,491	812	1,810	20,157		

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



Teachers' Retirement System Principal Participating Employers June 30, 2020							
Percentage of TotalEmployerMembersRankMembers							
Anchorage School District	4,993	1	31.78%				
Matanuska-Susitna Borough School District	1,673	2	10.65				
Fairbanks North Star Borough School District	<u>1,345</u>	3	<u>8.56</u>				
Total	<u>8,011</u>		<u>50.99%</u>				

Teachers' Retirement System Participating Employers June 30, 2020

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

