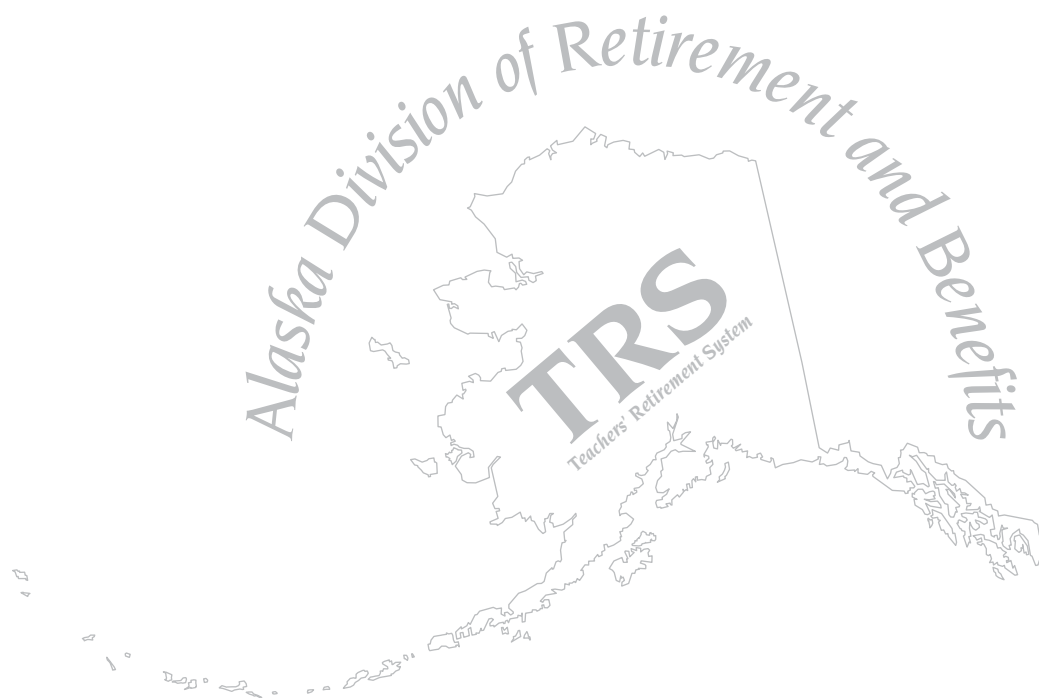




# STATISTICAL SECTION



# STATISTICAL SECTION

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## 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 . . . . . 156-172**

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 . . . . . 173-175**

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

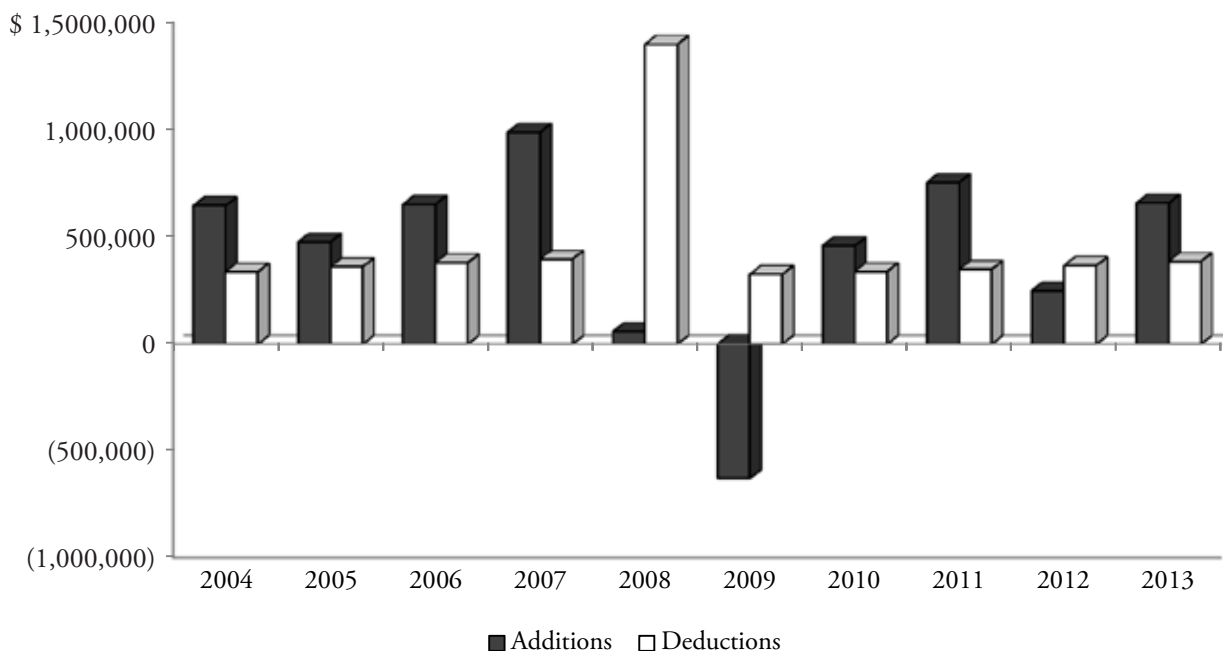
### **Demographic Information . . . . . 176-178**

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 Net Assets (In thousands)					
Year Ended June 30	Net Assets, Beginning of Year	Additions	Deductions	Increase/ (Decrease) in Net Assets	Net Assets, End of Year
2004	\$ 3,602,619	\$ 646,298	\$ 337,402	\$ 308,896	\$ 3,911,515
2005	3,911,515	476,969	361,489	115,480	4,026,995
2006	4,026,995	652,648	379,672	272,976	4,299,971
2007	4,299,971	989,840	396,697	593,143	4,893,114
2008	4,893,114	57,423	1,399,739	(1,342,316)	3,550,798
2009	3,550,798	(629,058)	325,307	(954,365)	2,596,433
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	385,822	272,483	3,279,130

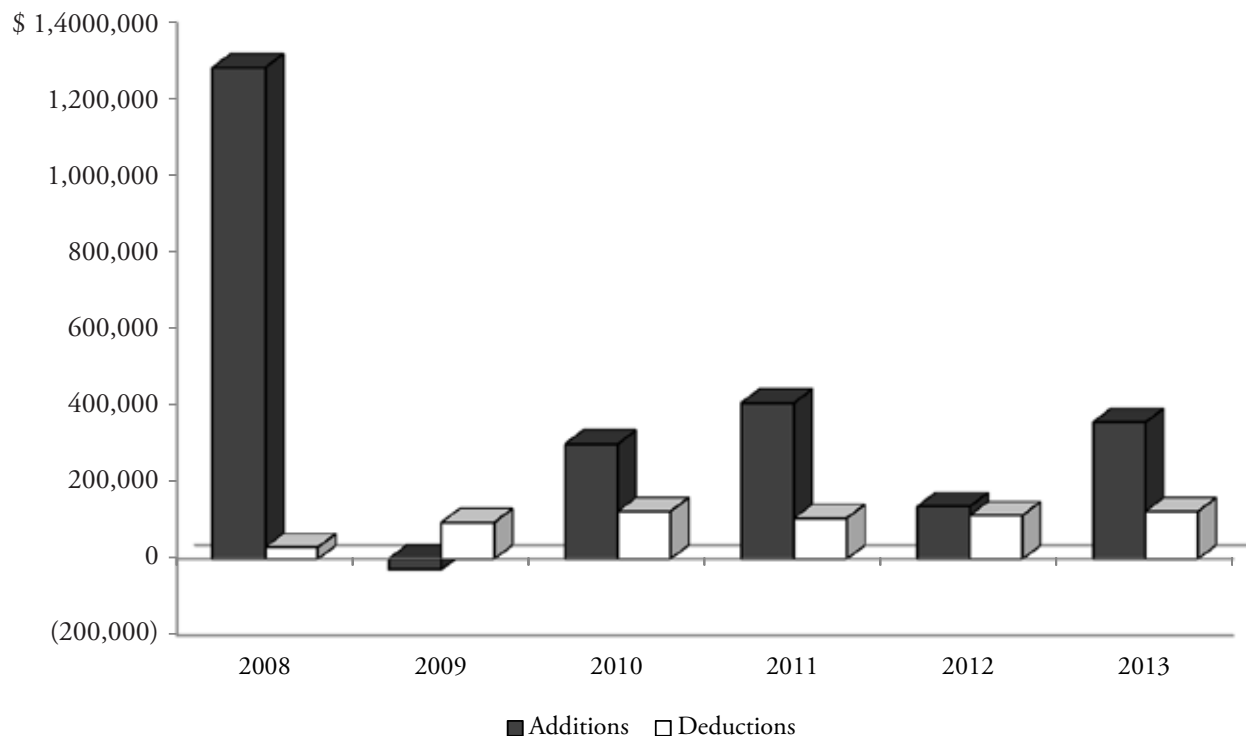
**10-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS**  
(In thousands)



# STATISTICAL SECTION

<b>Teachers' Retirement System                      Defined Benefit Pension Alaska Retiree Healthcare Trust                      Changes in Net Assets                      (In thousands)</b>					
<b>Year Ended June 30</b>	<b>Net Assets, Beginning of Year</b>	<b>Additions</b>	<b>Deductions</b>	<b>Increase/ (Decrease) in Net Assets</b>	<b>Net Assets, End of Year</b>
2008	\$ —	\$1,283,865	\$ 30,292	\$1,253,573	\$1,253,573
2009	1,253,573	(27,157)	95,383	(122,540)	1,131,033
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

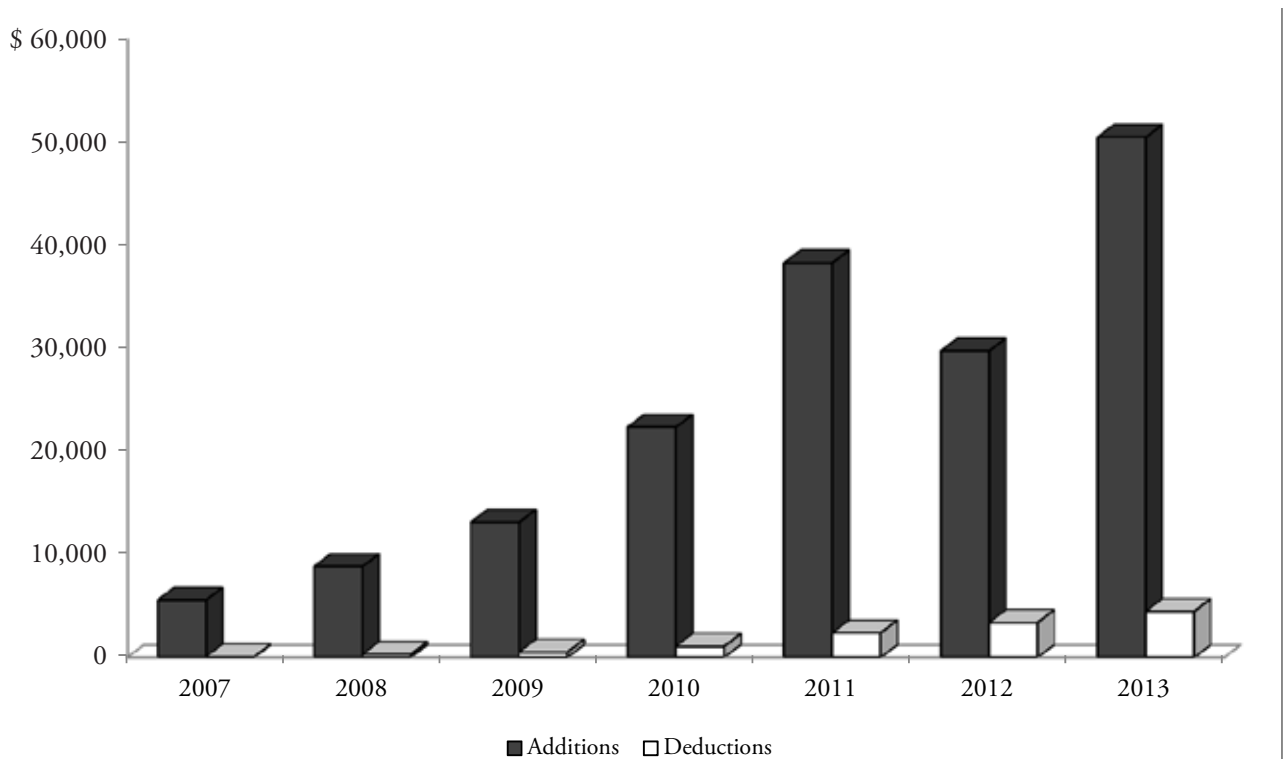
**6-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS  
(In thousands)**



# STATISTICAL SECTION

<b>Teachers' Retirement System                      Defined Contribution Retirement Participant Directed                      Changes in Net Assets                      (In thousands)</b>					
<b>Year Ended June 30</b>	<b>Net Assets, Beginning of Year</b>	<b>Additions</b>	<b>Deductions</b>	<b>Increase/ (Decrease) in Net Assets</b>	<b>Net Assets, End of Year</b>
2007	\$ —	\$ 5,543	\$ 36	\$ 5,507	\$ 5,507
2008	5,507	8,825	278	8,547	14,054
2009	14,054	13,132	498	12,634	26,688
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

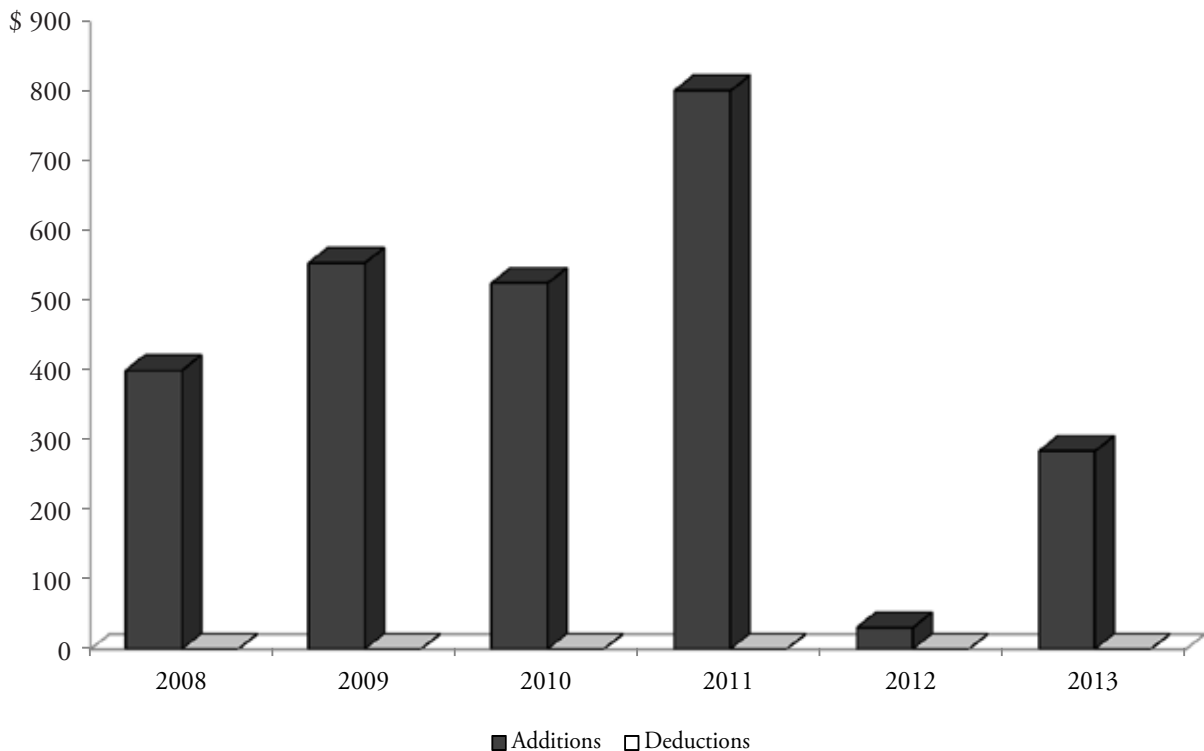
**7-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS  
(In thousands)**



# STATISTICAL SECTION

<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Occupational Death &amp; Disability</b> <b>Changes in Net Assets</b> <b>(In thousands)</b>					
<b>Year Ended June 30</b>	<b>Net Assets, Beginning of Year</b>	<b>Additions</b>	<b>Deductions</b>	<b>Increase/ (Decrease) in Net Assets</b>	<b>Net Assets, End of Year</b>
2008	\$ —	\$ 400	\$ —	\$ 400	\$ 400
2009	400	554	—	554	954
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

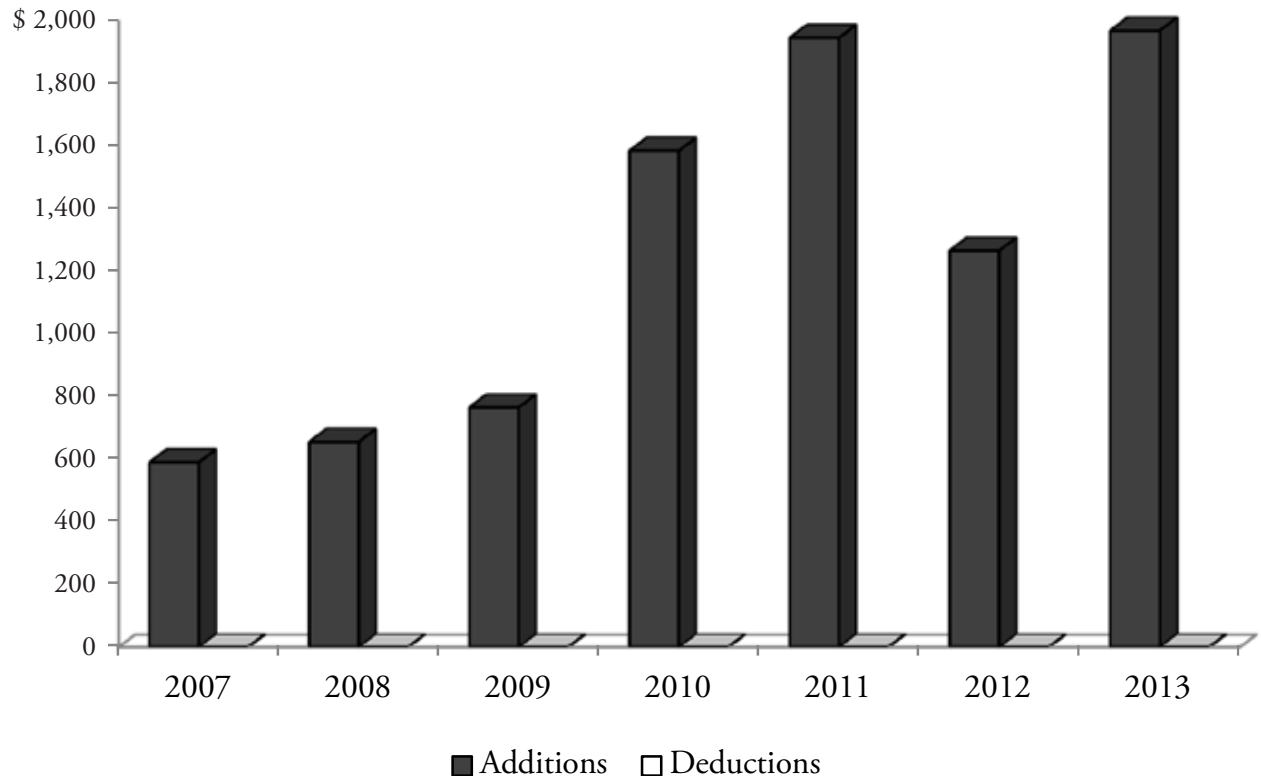
**6-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS**  
(In thousands)



# STATISTICAL SECTION

Teachers' Retirement System Defined Contribution Retirement Medical Plan Changes in Net Assets (In thousands)					
Year Ended June 30	Net Assets, Beginning of Year	Additions	Deductions	Increase/ (Decrease) in Net Assets	Net Assets, End of Year
2007	\$ —	\$ 590	\$ —	\$ 590	\$ 590
2008	590	656	—	656	1,246
2009	1,246	766	—	766	2,012
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

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

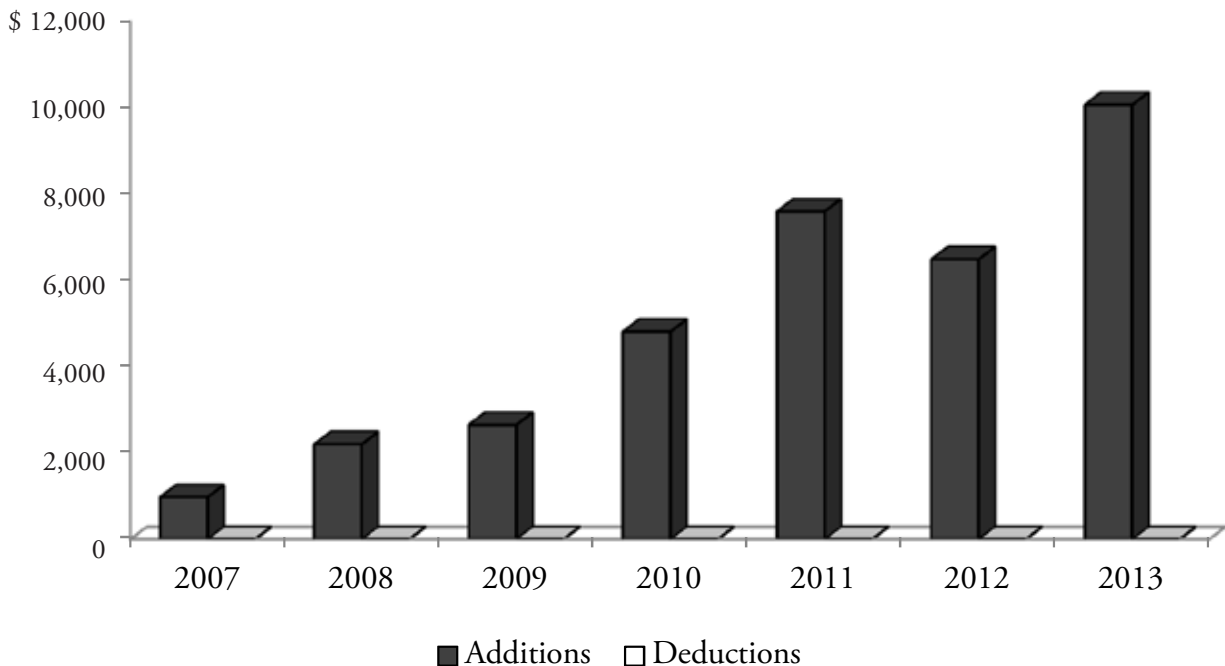




# STATISTICAL SECTION

<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Health Reimbursement Arrangement</b> <b>Changes in Net Assets</b> <b>(In thousands)</b>					
<b>Year Ended June 30</b>	<b>Net Assets, Beginning of Year</b>	<b>Additions</b>	<b>Deductions</b>	<b>Increase/(Decrease) in Net Assets</b>	<b>Net Assets, End of Year</b>
2007	\$ —	\$ 974	\$ —	\$ 974	\$ 974
2008	974	2,202	—	2,202	3,176
2009	3,176	2,650	—	2,650	5,826
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

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

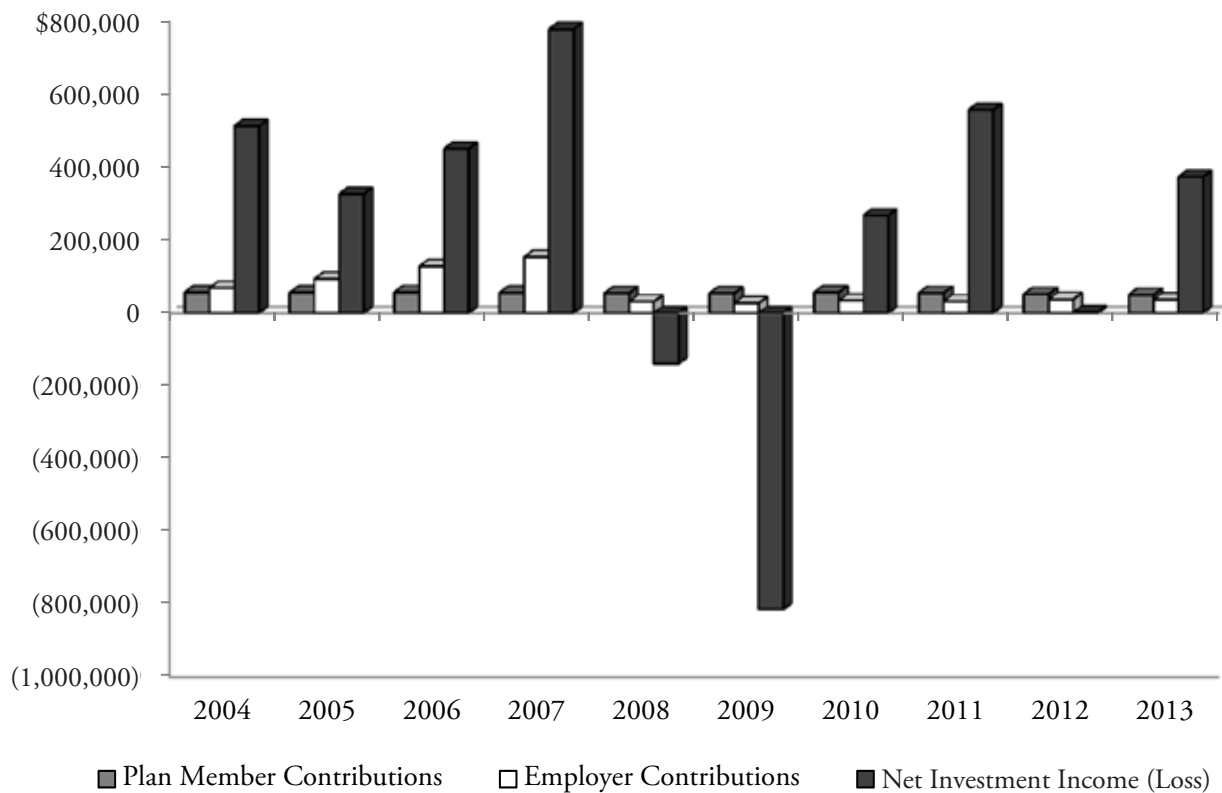


# STATISTICAL SECTION

## 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
2004	\$ 57,365	\$ 68,692	\$ —	\$ 513,964	\$ 6,277	\$ 646,298
2005	55,993	93,540	—	327,426	10	476,969
2006	57,802	127,967	—	451,689	15,190	652,648
2007	55,689	153,618	—	780,512	21	989,840
2008	54,121	31,313	111,237	(139,282)	34	57,423
2009	53,544	27,110	104,423	(814,138)	3	(629,058)
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

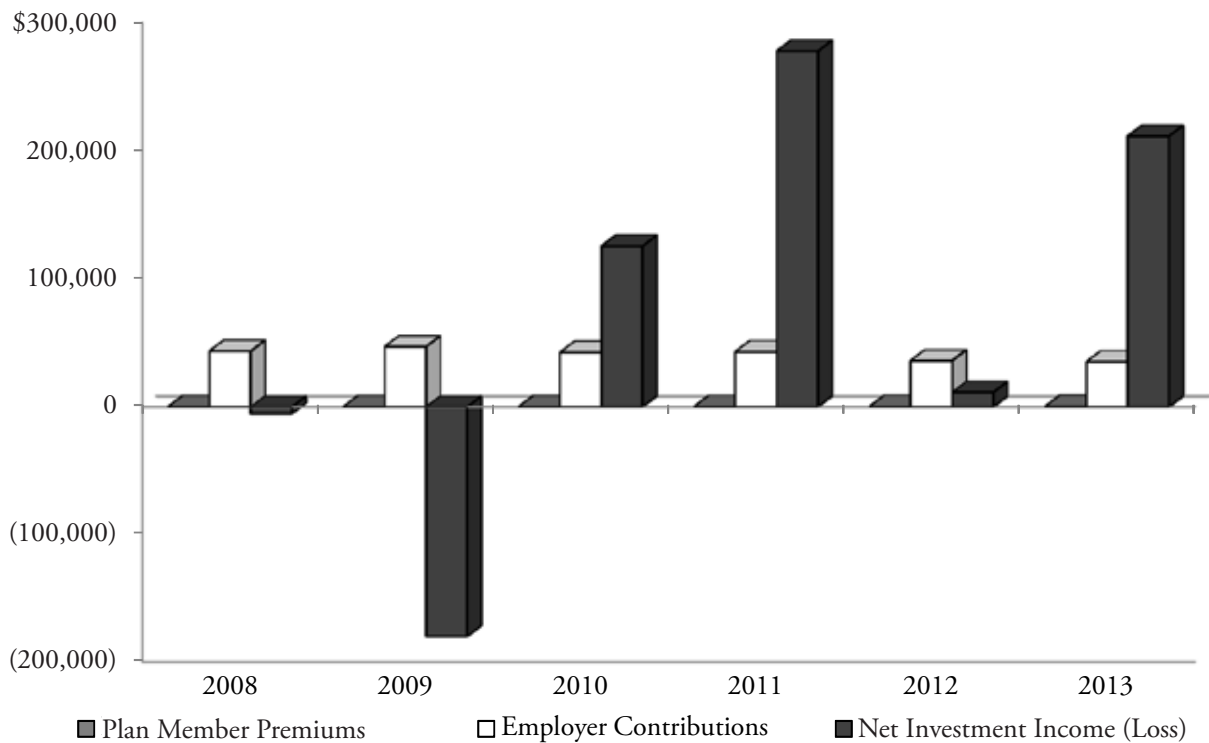
**10-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)



# 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)	Transfer	Other	Total
2008	\$ 111	\$ 43,697	\$ 158,755	\$ (5,318)	\$1,086,620	\$ —	\$1,283,865
2009	116	47,174	101,877	(179,919)	—	3,595	(27,157)
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

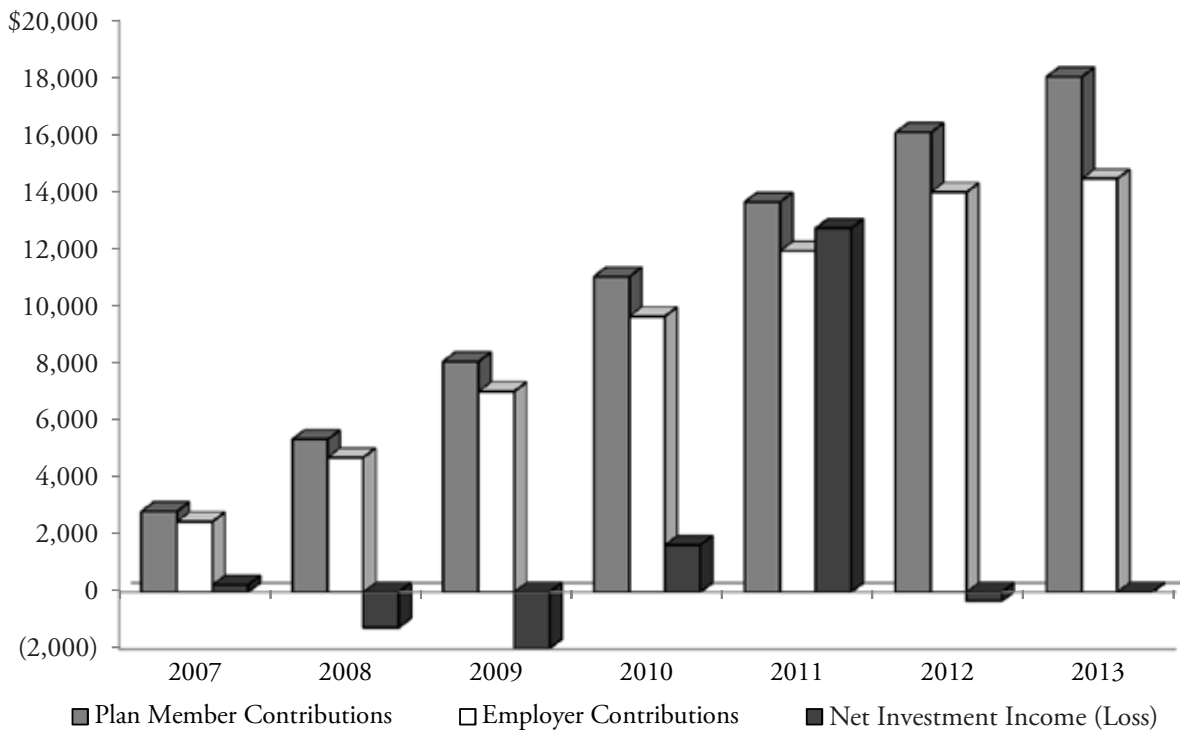
**6-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)



# STATISTICAL SECTION

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)	Net Investment Other	Total
2007	\$ 2,827	\$ 2,465	\$ 251	\$ —	\$ 5,543
2008	5,347	4,717	(1,239)	—	8,825
2009	8,077	7,023	(1,968)	—	13,132
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

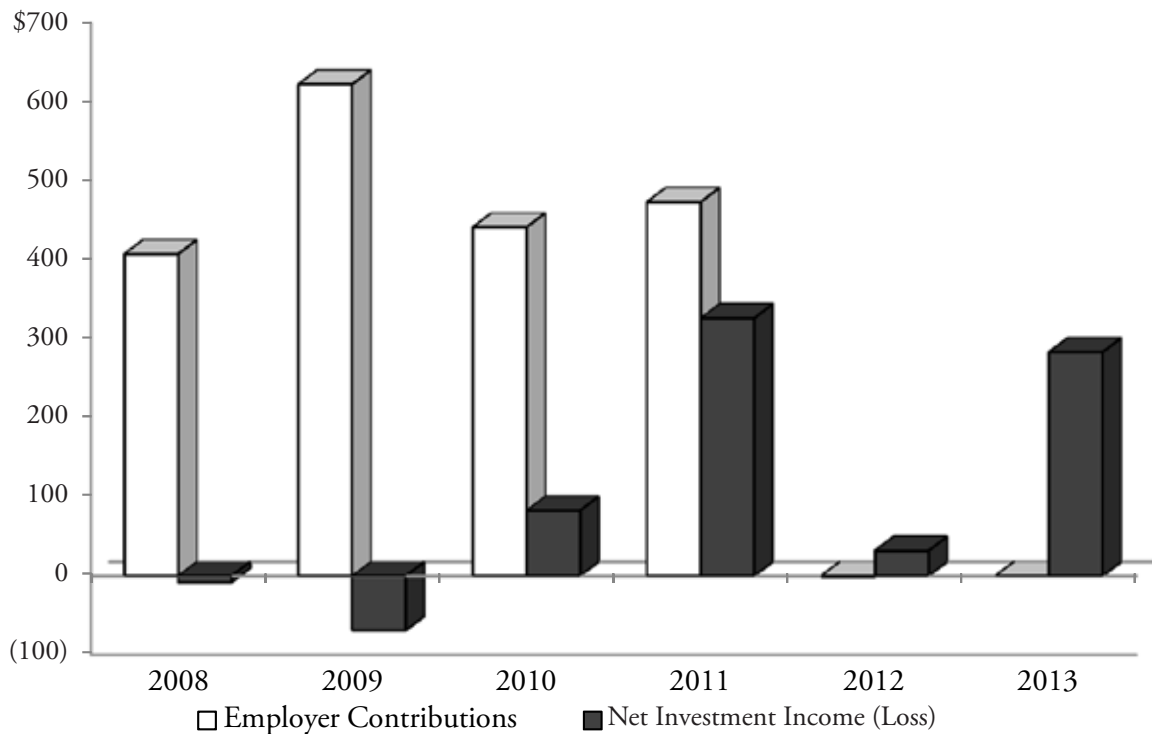
**7-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)



# STATISTICAL SECTION

<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Occupational Death &amp; Disability</b> <b>Additions by Source</b> <b>(In thousands)</b>			
Plan Ended June 30	Employer Contributions	Net Investment Income (Loss)	Total
2008	\$ 408	\$ (8)	\$ 400
2009	623	(69)	554
2010	442	83	525
2011	474	327	801
2012	(1)	32	31
2013	—	284	284

**6-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)

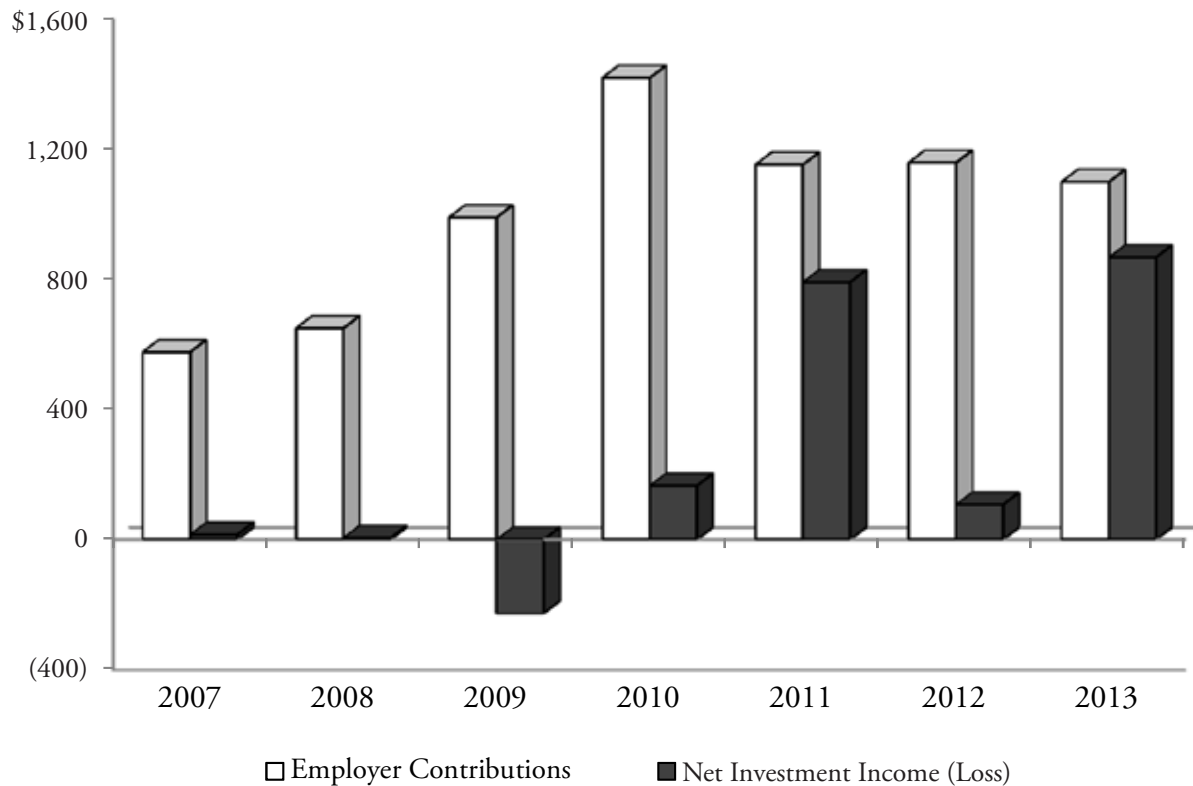


# STATISTICAL SECTION

**Teachers' Retirement System  
Defined Contribution Retirement Retiree Medical Plan  
Additions by Source  
(In thousands)**

Plan Ended June 30	Employer Contributions	Net Investment Income (Loss)	Total
2007	\$ 575	\$ 15	\$ 590
2008	651	5	656
2009	992	(226)	766
2010	1,421	165	1,586
2011	1,154	793	1,947
2012	1,160	107	1,267
2013	1,101	869	1,970

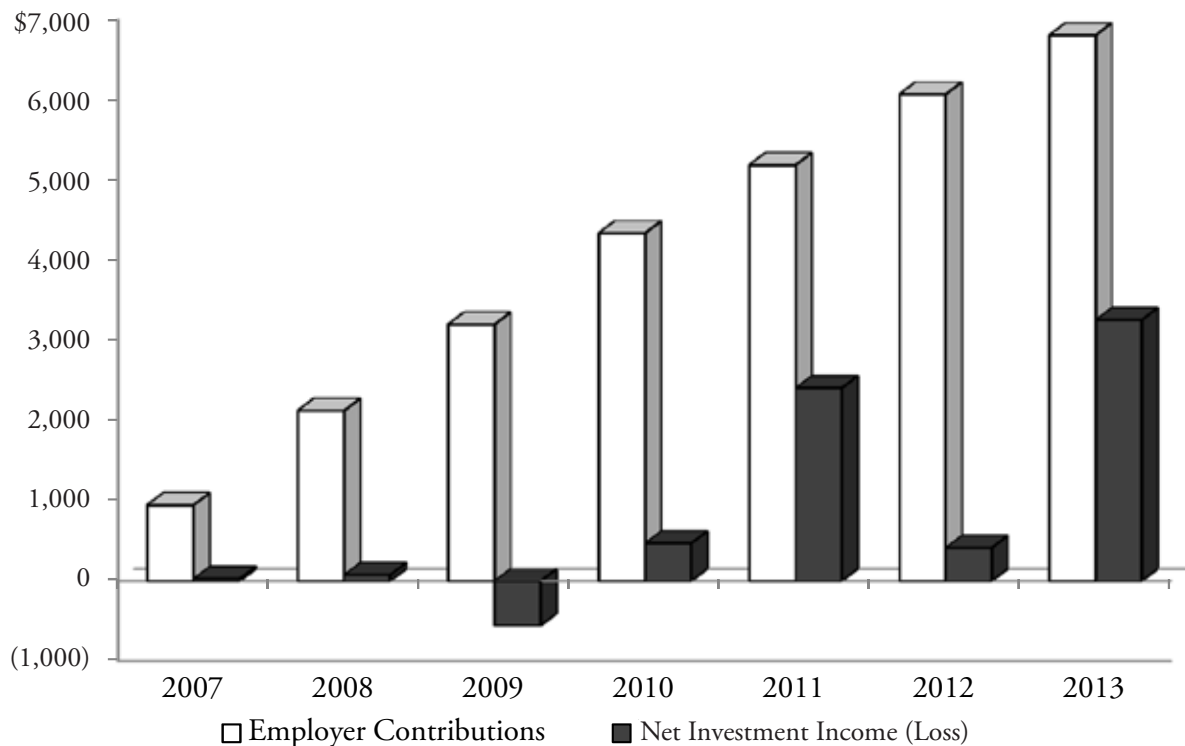
**7-YEAR COMPARISON OF ADDITIONS BY SOURCE  
(In thousands)**



# STATISTICAL SECTION

<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Health Reimbursement Arrangement</b> <b>Additions by Source</b> <b>(In thousands)</b>			
<b>Plan Ended</b> <b>June 30</b>	<b>Employer</b> <b>Contributions</b>	<b>Net Investment</b> <b>Income (Loss)</b>	<b>Total</b>
2007	\$ 947	\$ 27	\$ 974
2008	2,127	75	2,202
2009	3,206	(556)	2,650
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

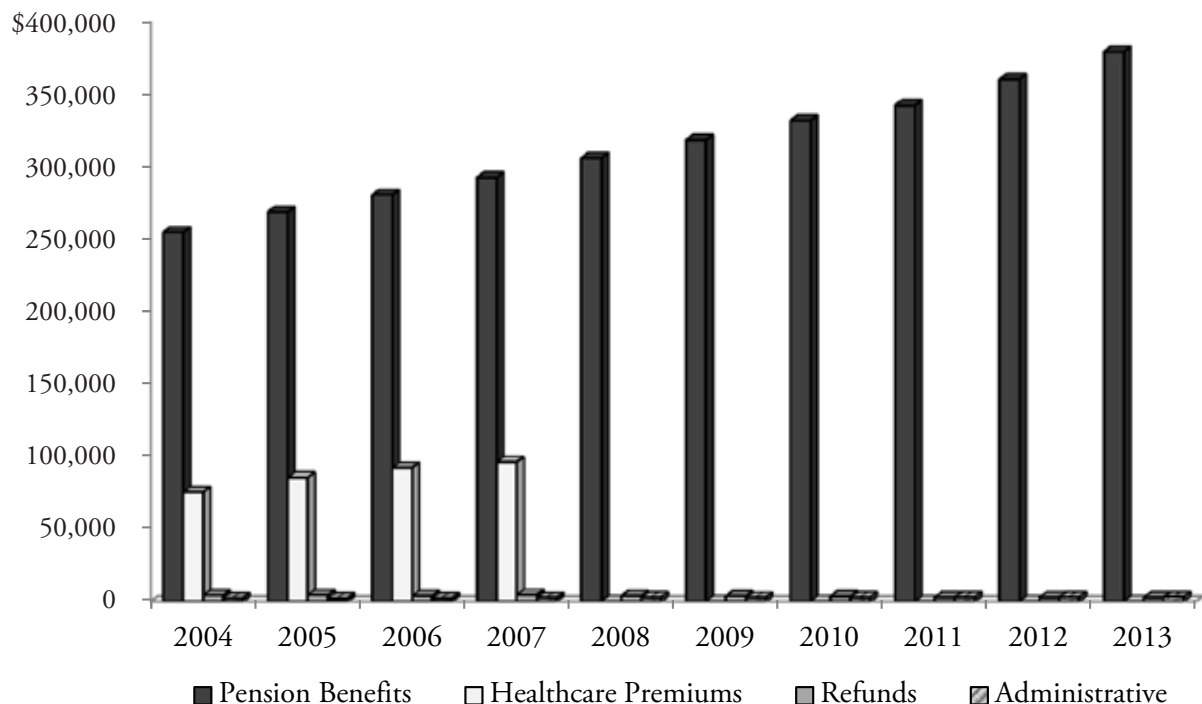
**7-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)



# STATISTICAL SECTION

Teachers' Retirement System Defined Benefit Pension Deductions by Type (In thousands)							
Year Ended June 30	Pension Benefits	Healthcare	Refunds of Contributions	Administrative	Legal Fee Settlement	Transfer	Total
2004	\$ 255,409	\$ 75,601	\$ 4,189	\$ 2,203	\$ —	\$ —	\$ 337,402
2005	269,414	85,670	4,376	2,029	—	—	361,489
2006	281,205	92,462	3,832	2,173	—	—	379,672
2007	293,224	96,544	4,535	2,394	—	—	396,697
2008	306,689	—	3,761	2,669	—	1,086,620	1,399,739
2009	319,148	—	3,622	2,537	—	—	325,307
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

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

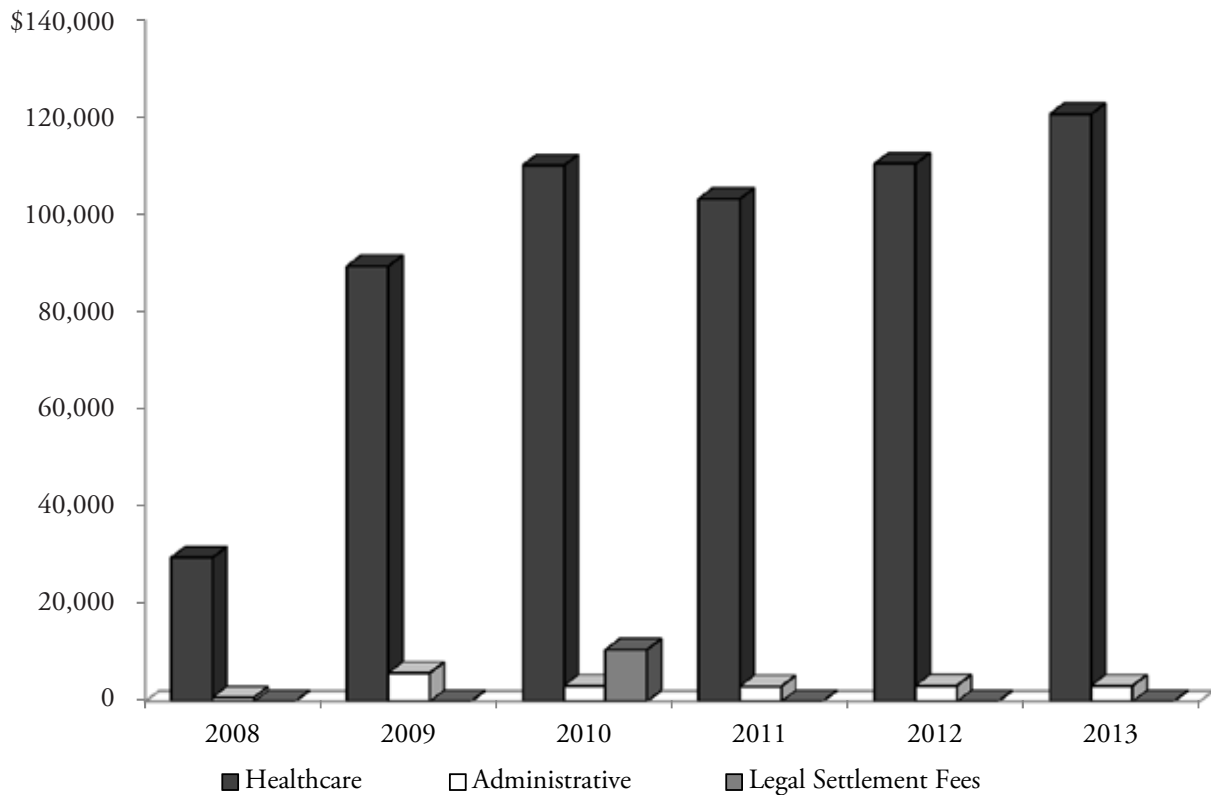




# STATISTICAL SECTION

<b>Teachers' Retirement System                      Defined Benefit Alaska Retiree Healthcare Trust                      Deductions by Type                      (In thousands)</b>				
<b>Plan Ended June 30</b>	<b>Healthcare</b>	<b>Administrative</b>	<b>Legal Settlement Fees</b>	<b>Total</b>
2008	\$ 29,494	\$ 798	\$ —	\$ 30,292
2009	89,571	5,812	—	95,383
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

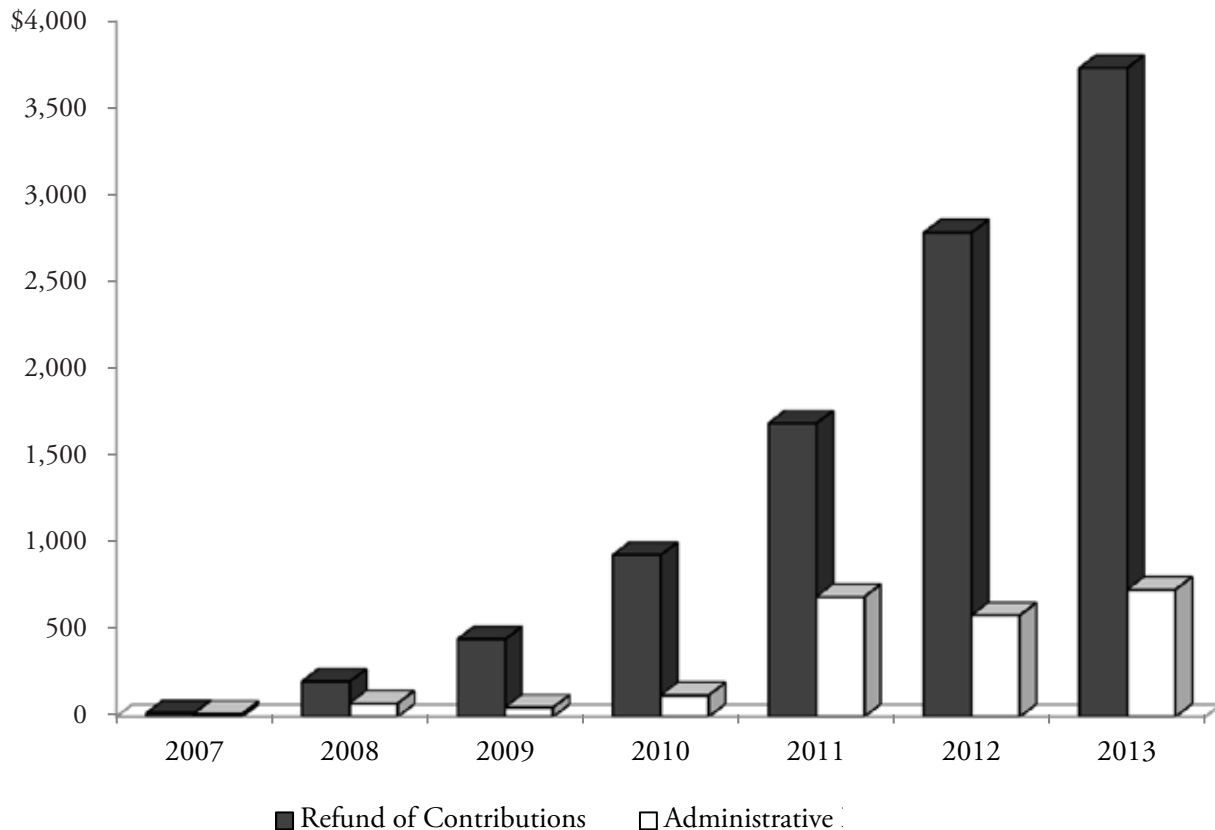
**6-YEAR COMPARISON OF DEDUCTIONS BY TYPE  
(In thousands)**



# STATISTICAL SECTION

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
2007	\$ 20	\$ 16	\$ —	\$ 36
2008	202	76	—	278
2009	445	53	—	498
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

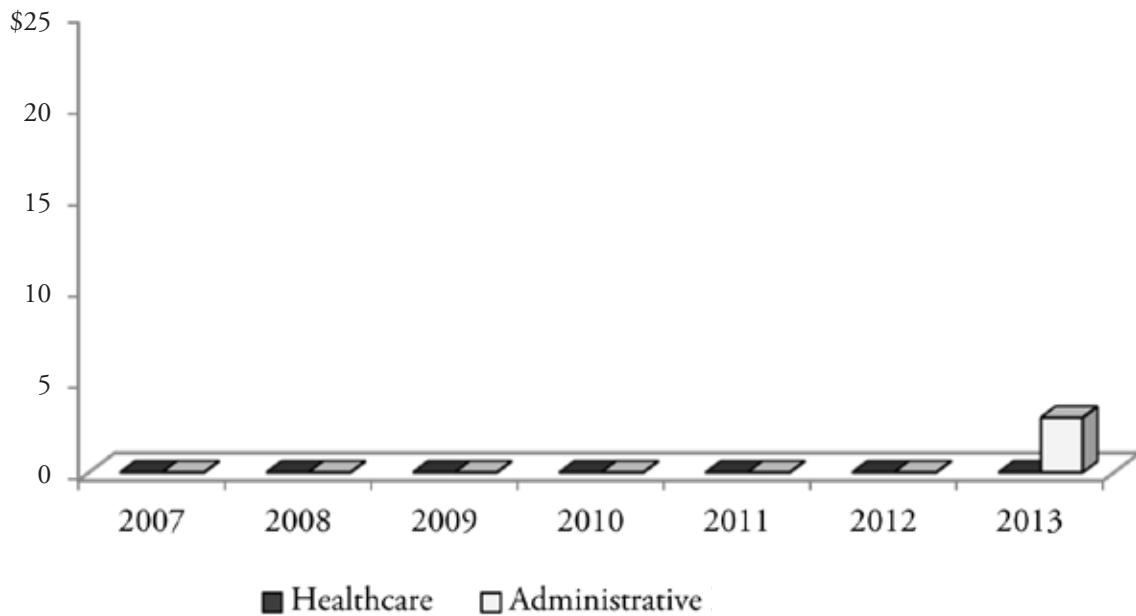
**7-YEAR COMPARISON OF DEDUCTIONS BY TYPE**  
(In thousands)



# STATISTICAL SECTION

Teachers' Retirement System Defined Contribution Retirement Medical Plan Deductions by Type (In thousands)			
Plan Ended June 30	Healthcare	Administrative	Total
2007	\$ —	\$ —	\$ —
2008	—	—	—
2009	—	—	—
2010	—	—	—
2011	—	—	—
2012	—	—	—
2013	—	3	3

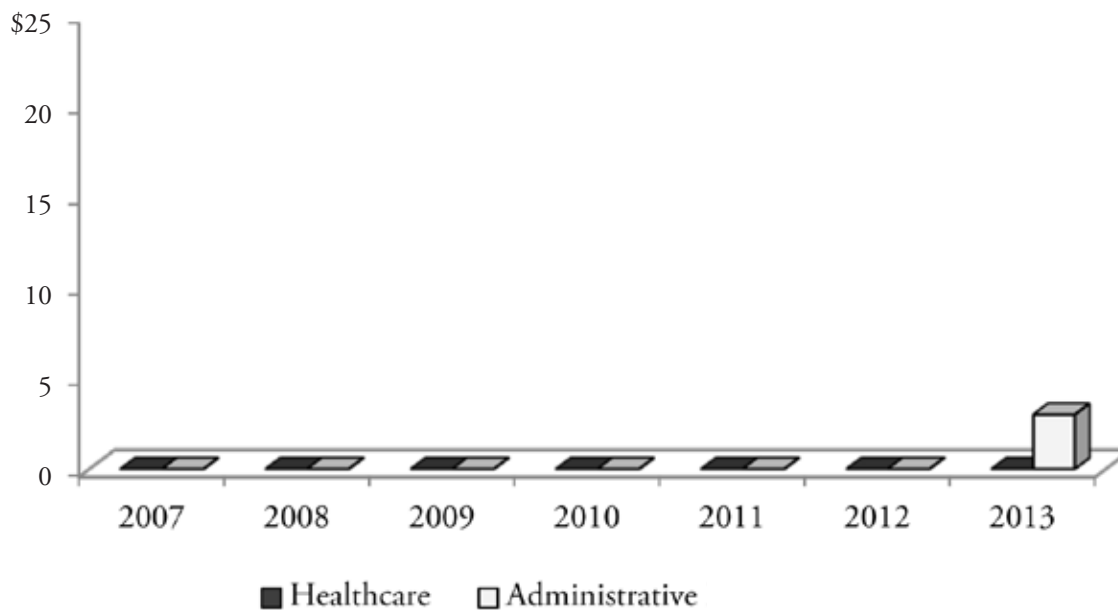
**7-YEAR COMPARISON OF DEDUCTIONS BY TYPE**  
(In thousands)



# STATISTICAL SECTION

Teachers' Retirement System Defined Contribution Retirement Health Reimbursement Arrangement Deductions by Type (In thousands)			
Plan Ended June 30	Healthcare	Administrative	Total
2007	\$ —	\$ —	\$ —
2008	—	—	—
2009	—	—	—
2010	—	—	—
2011	—	—	—
2012	—	—	—
2013	—	3	3

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



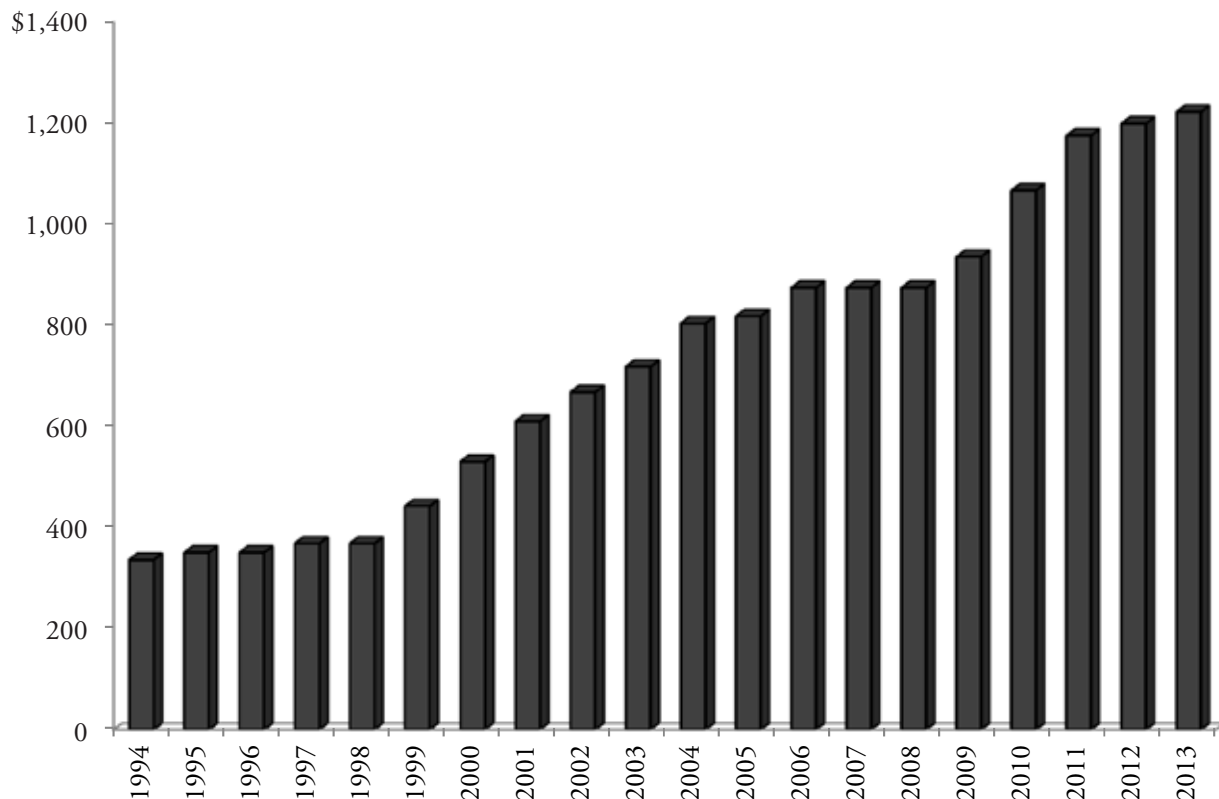
# STATISTICAL SECTION

<b>Teachers' Retirement System                      Schedule of Average Pension Benefit Payments                      New Benefit Recipients</b>							
	Years of Credited Service						
	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30+
Period 7/1/06 - 6/30/07 <sup>(1)</sup> :							
Average Monthly Benefit	\$ 214	\$ 798	\$1,249	\$2,250	\$2,909	\$3,709	\$5,109
Number of Recipients	9	41	54	69	102	68	28
Period 7/1/07 - 6/30/08 <sup>(1)</sup> :							
Average Monthly Benefit	\$ 209	\$ 945	\$1,248	\$2,226	\$2,966	\$3,832	\$5,057
Number of Recipients	13	44	62	92	95	87	33
Period 7/1/08 - 6/30/09 <sup>(1)</sup> :							
Average Monthly Benefit	\$ 230	\$ 950	\$1,168	\$2,239	\$2,957	\$3,897	\$4,860
Number of Recipients	13	35	64	52	67	54	18
Period 7/1/09 - 6/30/10 <sup>(1)</sup> :							
Average Monthly Benefit	\$ 482	\$1,020	\$1,343	\$2,263	\$2,992	\$4,120	\$6,263
Number of Recipients	14	50	63	85	109	79	49
Period 7/1/10 - 6/30/11 <sup>(1)</sup> :							
Average Monthly Benefit	\$ 146	\$ 902	\$1,432	\$2,328	\$3,131	\$4,283	\$5,496
Number of Recipients	5	68	63	77	118	104	67
Period 7/1/11 - 6/30/12 <sup>(1)</sup> :							
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
"Average Monthly Benefit" includes post-retirement pension adjustments and cost-of-living increases. (1) Does not include beneficiaries							

# STATISTICAL SECTION

Teachers' Retirement System Schedule of Pension and Healthcare Benefits Deductions by Type (In thousands)						
Year Ended June 30	Service	Disability	Survivor	Dependent	Healthcare	Total
2004	\$ 245,122	\$ 2,483	\$ 7,345	\$ 459	\$ 75,601	\$ 331,010
2005	258,998	2,400	7,695	321	85,670	355,084
2006	270,504	2,342	8,353	6	92,462	373,667
2007	281,879	2,193	9,146	6	96,544	389,768
2008	294,807	1,889	9,974	18	99,583	406,271
2009	306,748	1,692	10,688	20	103,093	422,241
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

## 20-YEAR COMPARISON OF RETIREE MONTHLY COMPOSITE MEDICAL PREMIUMS



# STATISTICAL SECTION

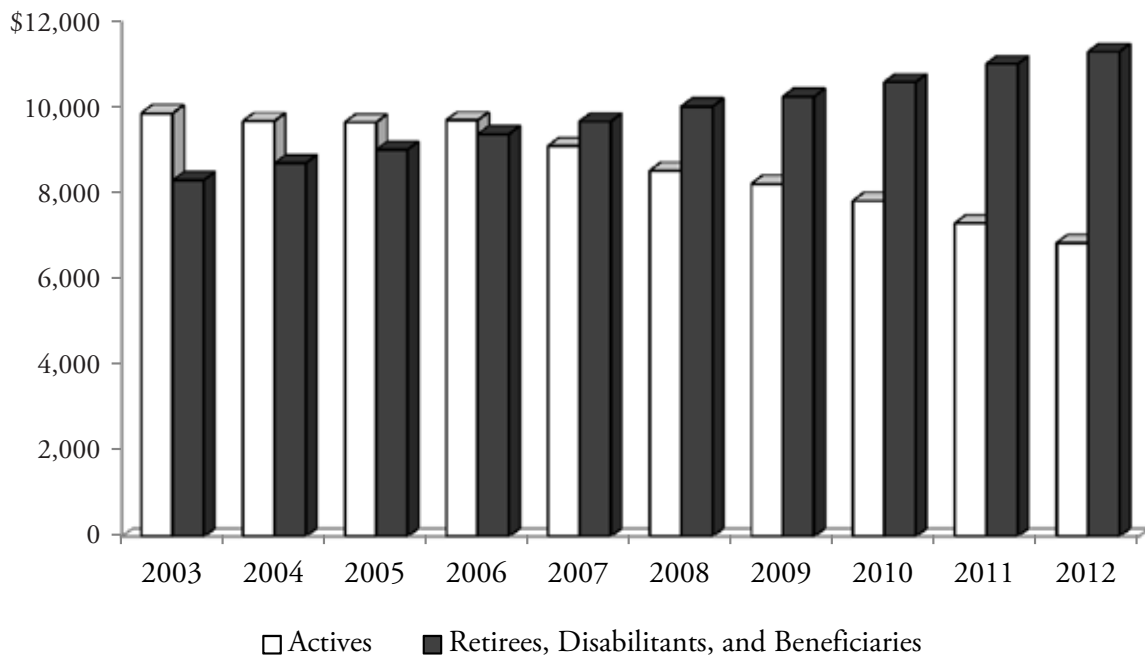
Teachers' Retirement System Schedule of Pension Benefit Recipients by Type of Pension Benefit and Option Elected Valuation as of June 30, 2012				
Amount of Monthly Pension Benefit	Number of Recipients	Type of Pension Benefit		
		Regular Retirement	Survivor Payment	Disability
\$ 1 - 300	199	150	49	—
301 - 600	342	254	88	—
601 - 900	635	524	111	—
901 - 1,200	700	580	120	—
1,201 - 1,500	644	520	124	—
1,501 - 1,800	601	498	102	1
1,801 - 2,100	681	570	110	1
2,101 - 2,400	849	785	61	3
2,401 - 2,700	991	937	50	4
2,701 - 3,000	964	927	31	6
3,001 - 3,300	863	836	21	6
3,301 - 3,600	829	813	13	3
3,601 - 3,900	673	665	6	2
3,901 - 4,200	582	575	3	4
over 4,200	1,748	1,737	8	3
<b>Totals</b>	<b>11,301</b>	<b>10,371</b>	<b>897</b>	<b>33</b>

Teachers' Retirement System Schedule of Pension Benefit Recipients by Type of Pension Benefit and Option Elected Valuation as of June 30, 2012					
Amount of Monthly Pension Benefit	Number of Recipients	Option Selected			
		Whole Life Annuity	75% Joint and Contingent Annuity	50% Joint and Contingent Annuity	66 2/3% Joint and Contingent Annuity
\$ 1 - 300	199	114	44	33	8
301 - 600	342	178	73	71	20
601 - 900	635	322	142	137	34
901 - 1,200	700	396	156	117	31
1,201 - 1,500	644	328	149	139	28
1,501 - 1,800	601	333	129	121	18
1,801 - 2,100	681	353	153	151	24
2,101 - 2,400	849	404	183	230	32
2,401 - 2,700	991	475	239	251	26
2,701 - 3,000	964	467	201	270	26
3,001 - 3,300	863	419	162	263	19
3,301 - 3,600	829	415	155	238	21
3,601 - 3,900	673	347	119	191	16
3,901 - 4,200	582	304	83	187	8
over 4,200	1,748	840	246	613	49
<b>Totals</b>	<b>11,301</b>	<b>5,695</b>	<b>2,234</b>	<b>3,012</b>	<b>360</b>

# STATISTICAL SECTION

Teachers' Retirement System System Membership by Status					
Year Ended June 30	Active	Retirees Disabilitants & Beneficiaries	Vested Terminations	Nonvested Terminations w/Balance	Total
2003	9,873	8,312	708	2,327	21,220
2004	9,688	8,707	724	2,746	21,865
2005	9,656	9,020	826	2,874	22,376
2006	9,710	9,386	795	3,085	22,976
2007	9,107	9,678	846	3,044	22,675
2008	8,531	10,026	873	2,971	22,401
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

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





# STATISTICAL SECTION

<b>Teachers' Retirement System Principal Participating Employers June 30, 2013</b>			
<b>Employer</b>	<b>Non-retired Members</b>	<b>Rank</b>	<b>Percentage of Total Non-retired Members</b>
Anchorage School District	4,893	1	32.50%
Matanuska-Susitna Borough School District	1,452	2	9.60
Fairbanks North Star Borough School District	<u>1,335</u>	3	<u>8.90</u>
<b>Total</b>	<u><u>7,680</u></u>		<u><u>51.00%</u></u>

# STATISTICAL SECTION

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## Teachers' Retirement System Participating Employers at June 30, 2013

Alaska Department of Education	Lake and Peninsula Borough School District
Alaska Gateway School District	Lower Kuskokwim School District
Aleutian Region School District	Lower Yukon School District
Aleutians East Borough School District	
Anchorage School District	Matanuska-Susitna Borough School District
Annette Island School District	
	Nenana City School District
Bering Strait School District	Nome City School District
Bristol Bay Borough School District	North Slope Borough School District
	Northwest Arctic Borough School District
Chatham School District	
Chugach School District	Pelican City School District
Copper River School District	Petersburg City School District
Cordova City School District	Pribilof School District
Craig City School District	
	Saint Mary's School District
Delta-Greely School District	Sitka Borough School District
Denali Borough School District	Skagway City School District
Dillingham City School District	Southeast Island School District
	Southeast Regional Resource Center
Fairbanks North Star Borough School District	Southwest Region School District
	Special Education Service Agency
Galena City School District	
	Tanana School District
Haines Borough School District	
Hoonah City School District	Unalaska City School District
Hydaburg City School District	University of Alaska
Iditarod Area School District	Valdez City School District
Juneau School District, City and Borough of	Wrangell Public School District
Kake City School District	Yakutat School District
Kashunamiut School District	Yukon Flats School District
Kenai Peninsula Borough School District	Yukon-Koyukuk School District
Ketchikan Gateway Borough School District	Yupiit School District
Klawock City School District	
Kodiak Island Borough School District	
Kuspuk School District	