

**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 ..... 146-163**

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 ..... 164-166**

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

**Demographic Information ..... 167-169**

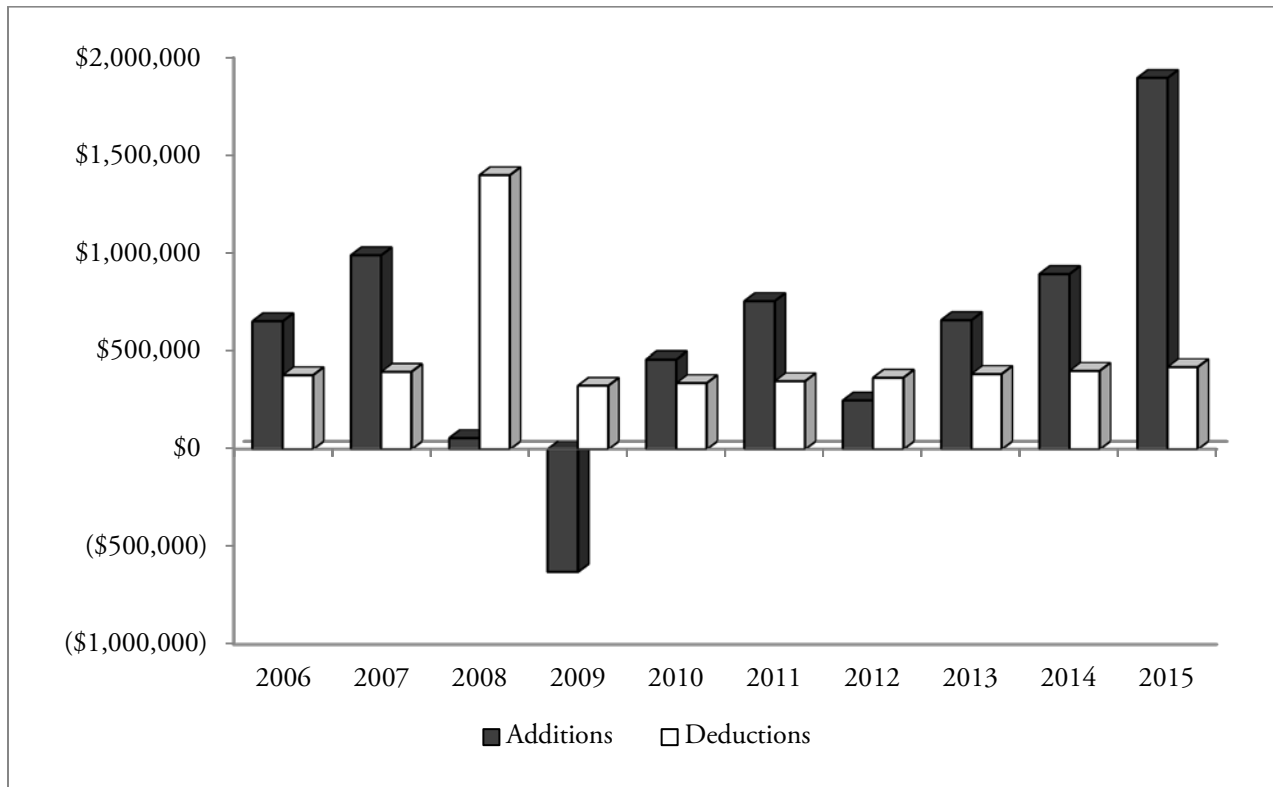
These schedules contain detailed demographic data to provide the reader a better understanding of the membership and employer participation in the System.

# Statistical Section

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

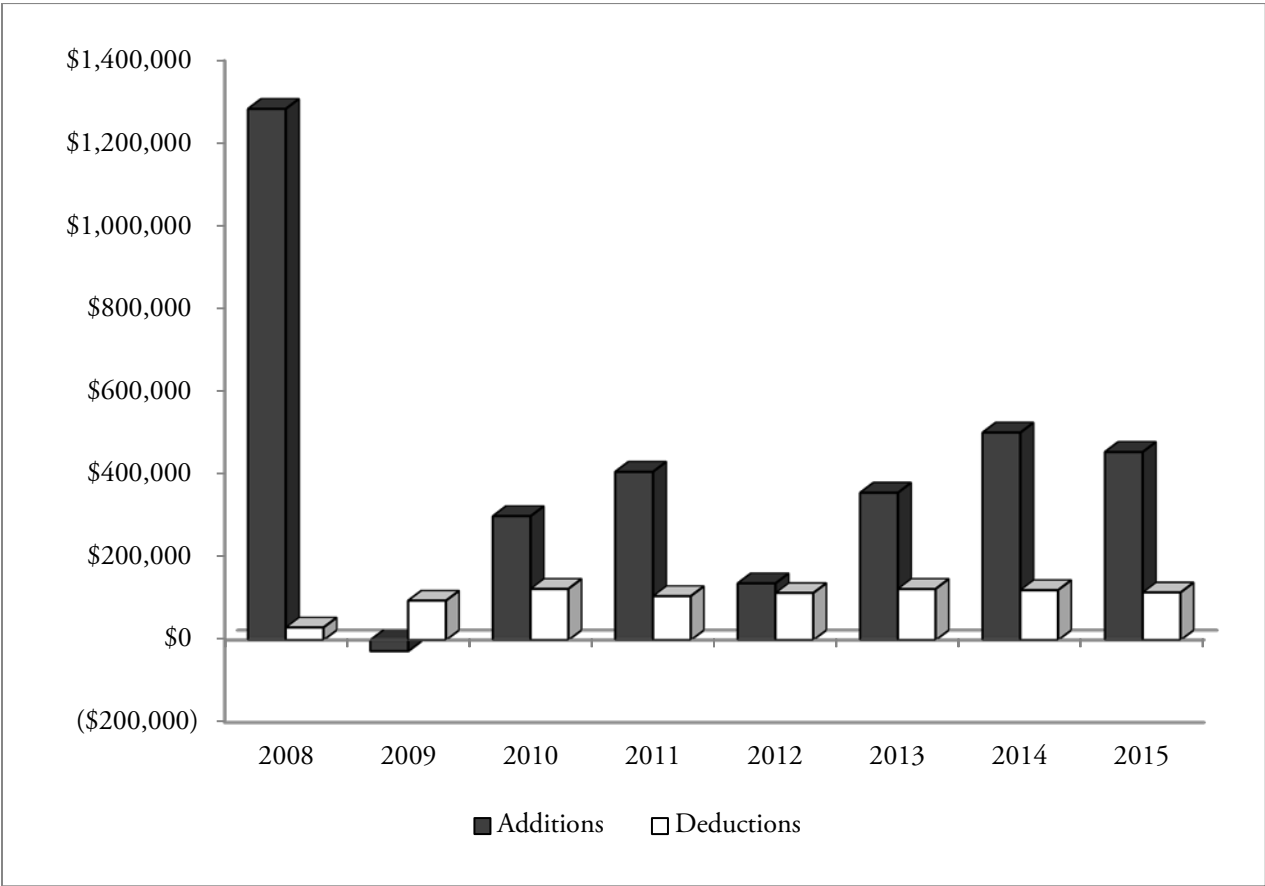
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2006	\$ 4,026,995	\$ 652,648	\$ 379,672	\$ 272,976	\$ 4,299,971
2007	4,299,971	989,840	396,697	593,143	4,893,114
2008	4,893,114	57,423	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	385,922	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

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



<b>Teachers' Retirement System                      Defined Benefit Alaska Retiree Healthcare Trust                      Changes in Fiduciary Net Position                      (In thousands)</b>					
<b>Year Ended June 30</b>	<b>Fiduciary Net Position, Beginning of Year</b>	<b>Additions</b>	<b>Deductions</b>	<b>Increase / (Decrease) in Fiduciary Net Position</b>	<b>Fiduciary Net Position, 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
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

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

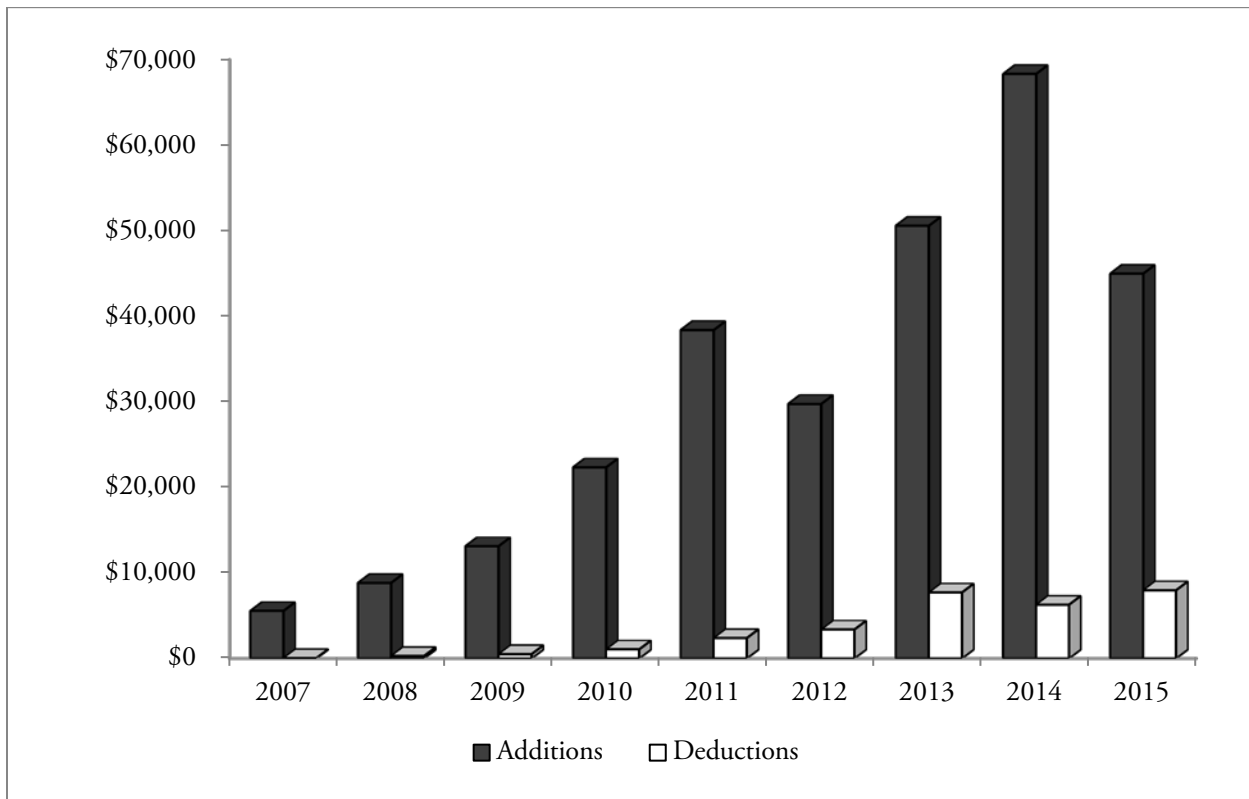


# Statistical Section

## Teachers' Retirement System Defined Contribution Retirement Participant Directed Changes in Fiduciary Net Position (In thousands)

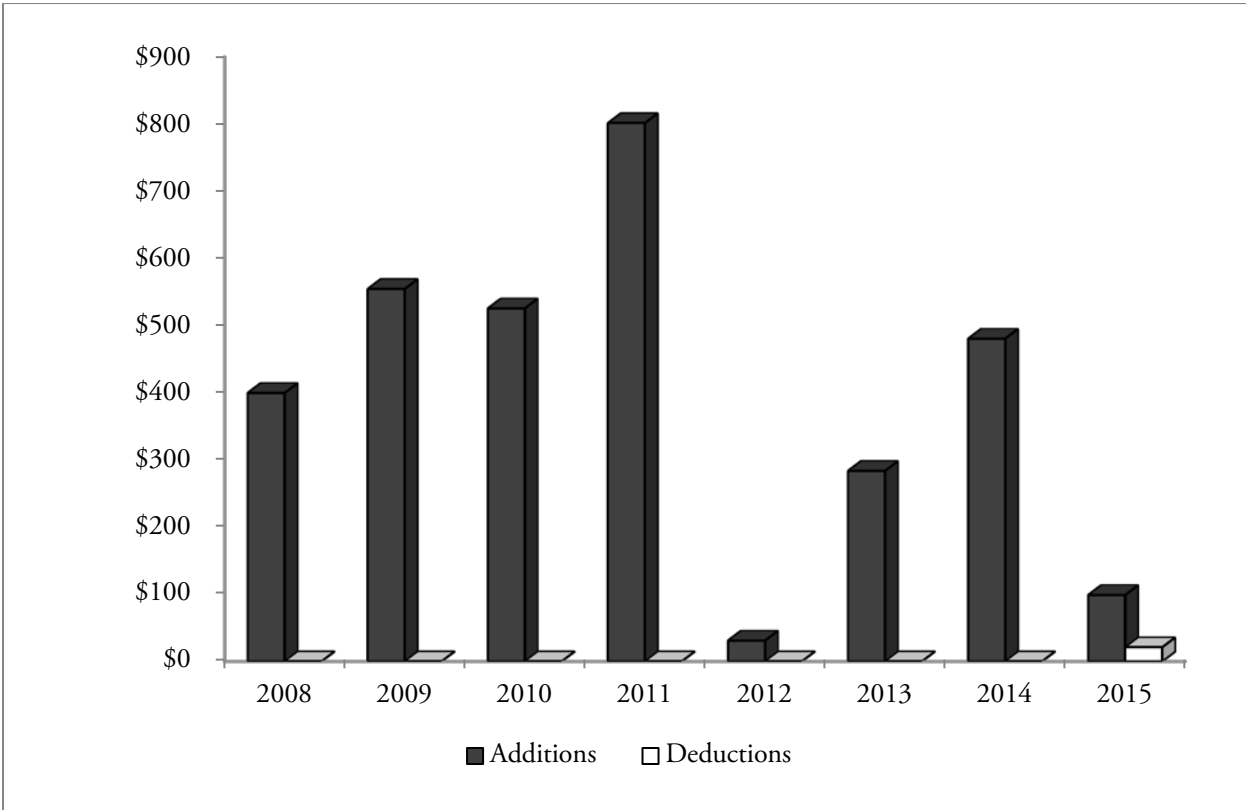
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
2007	\$ —	\$ 5,543	\$ 36	\$ 5,507	\$ 5,507
2008	5,507	8,825	278	8,547	14,054
2009	14,054	13,132	498	12,634	26,688
2010	26,688	22,359	1,053	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
2014	153,234	68,315	6,281	62,034	215,268
2015	215,268	44,952	7,972	36,980	252,248

### 9-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS (In thousands)



<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Occupational Death &amp; Disability</b> <b>Changes in Fiduciary Net Position</b> <b>(In thousands)</b>					
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
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
2014	2,595	480	—	480	3,075
2015	3,075	99	21	78	3,153

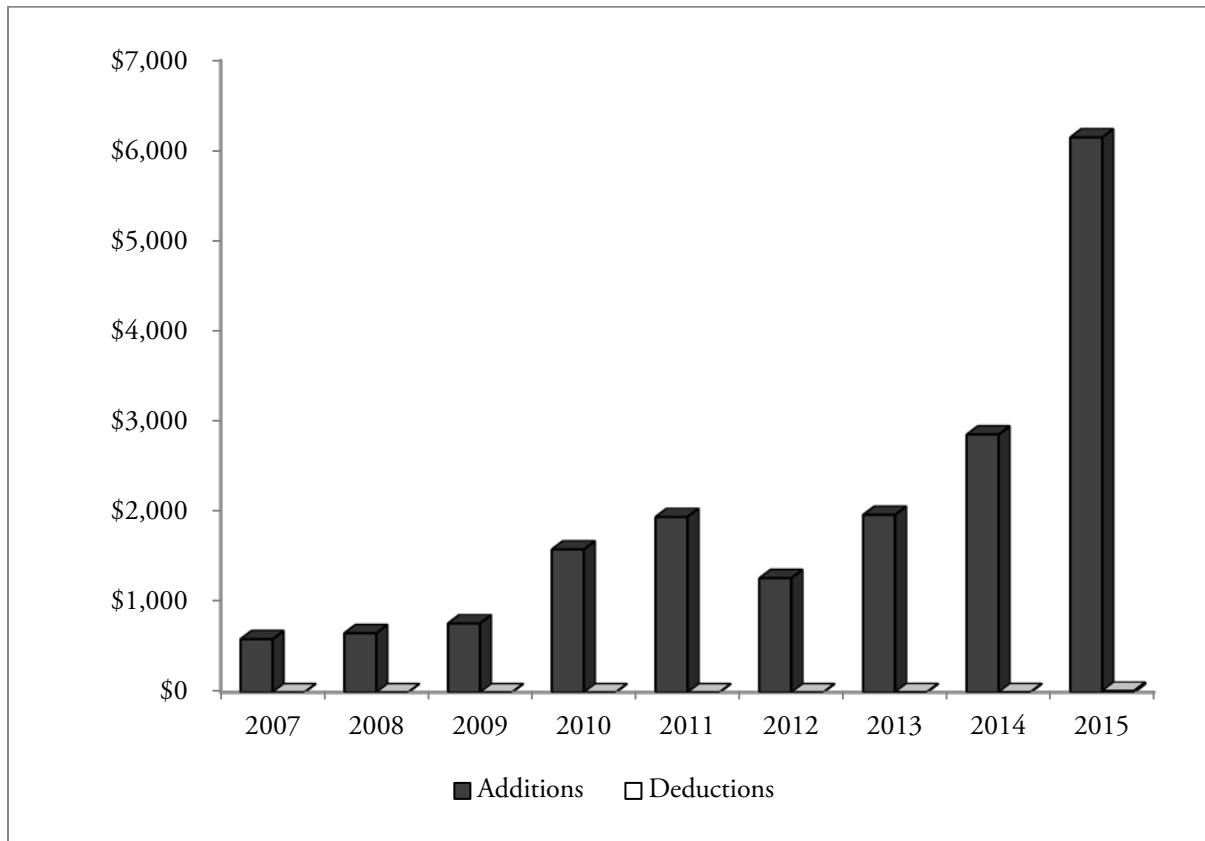
**8-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS**  
**(In thousands)**



# Statistical Section

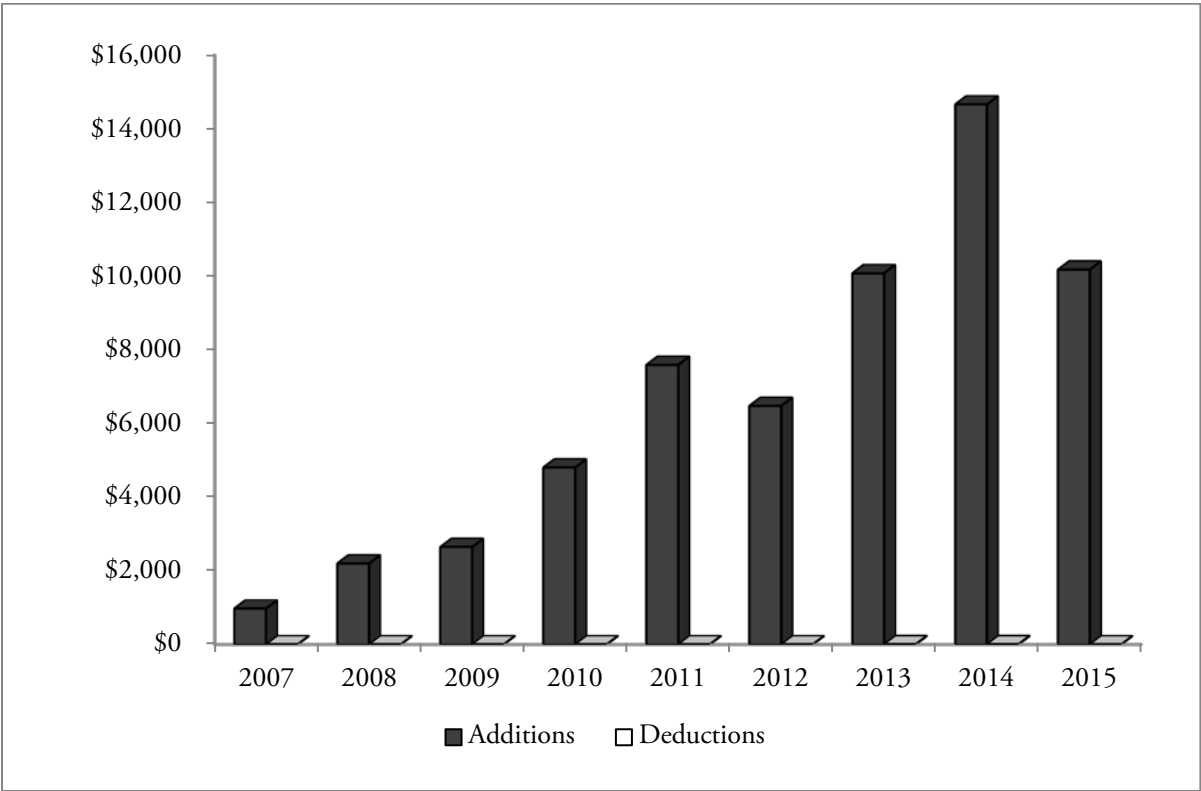
<b>Teachers' Retirement System                      Defined Contribution Retirement Medical Plan                      Changes in Fiduciary Net Position                      (In thousands)</b>					
<b>Year Ended June 30</b>	<b>Fiduciary Net Position, Beginning of Year</b>	<b>Additions</b>	<b>Deductions</b>	<b>Increase / (Decrease) in Fiduciary Net Position</b>	<b>Fiduciary Net Position, End of Year</b>
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
2014	8,779	2,861	3	2,858	11,637
2015	11,637	6,147	18	6,129	17,766

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



<b>Teachers' Retirement System                      Defined Contribution Retirement Health Reimbursement Arrangement                      Changes in Fiduciary Net Position                      (In thousands)</b>					
Year Ended June 30	Fiduciary Net Position, Beginning of Year	Additions	Deductions	Increase / (Decrease) in Fiduciary Net Position	Fiduciary Net Position, End of Year
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
2014	34,813	14,662	3	14,659	49,472
2015	49,472	10,178	—	10,178	59,650

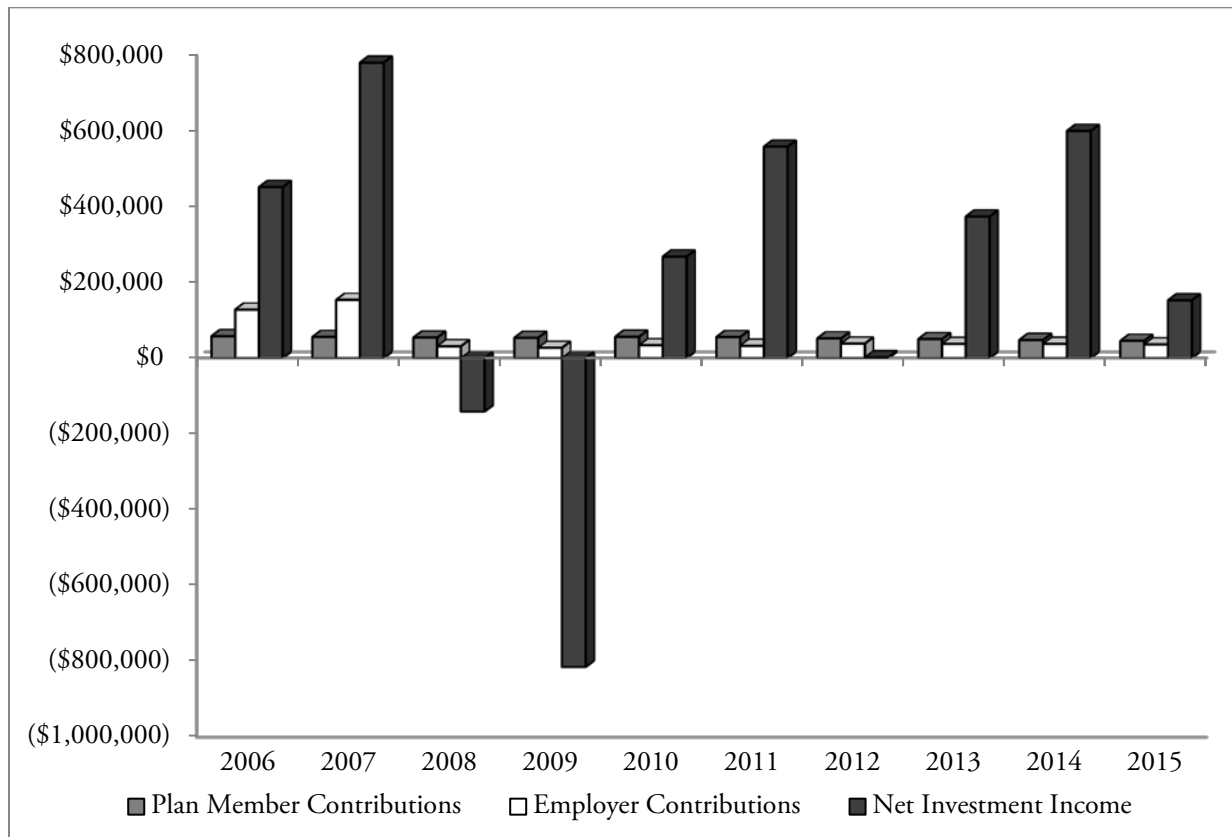
**9-YEAR COMPARISON OF ADDITIONS AND DEDUCTIONS  
(In thousands)**



# Statistical Section

<b>Teachers' Retirement System                      Defined Benefit Pension                      Additions by Source                      (In thousands)</b>						
Year Ended June 30	Plan Member Contributions	Employer Contributions	State of Alaska	Net Investment Income (Loss)	Other	Total
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
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

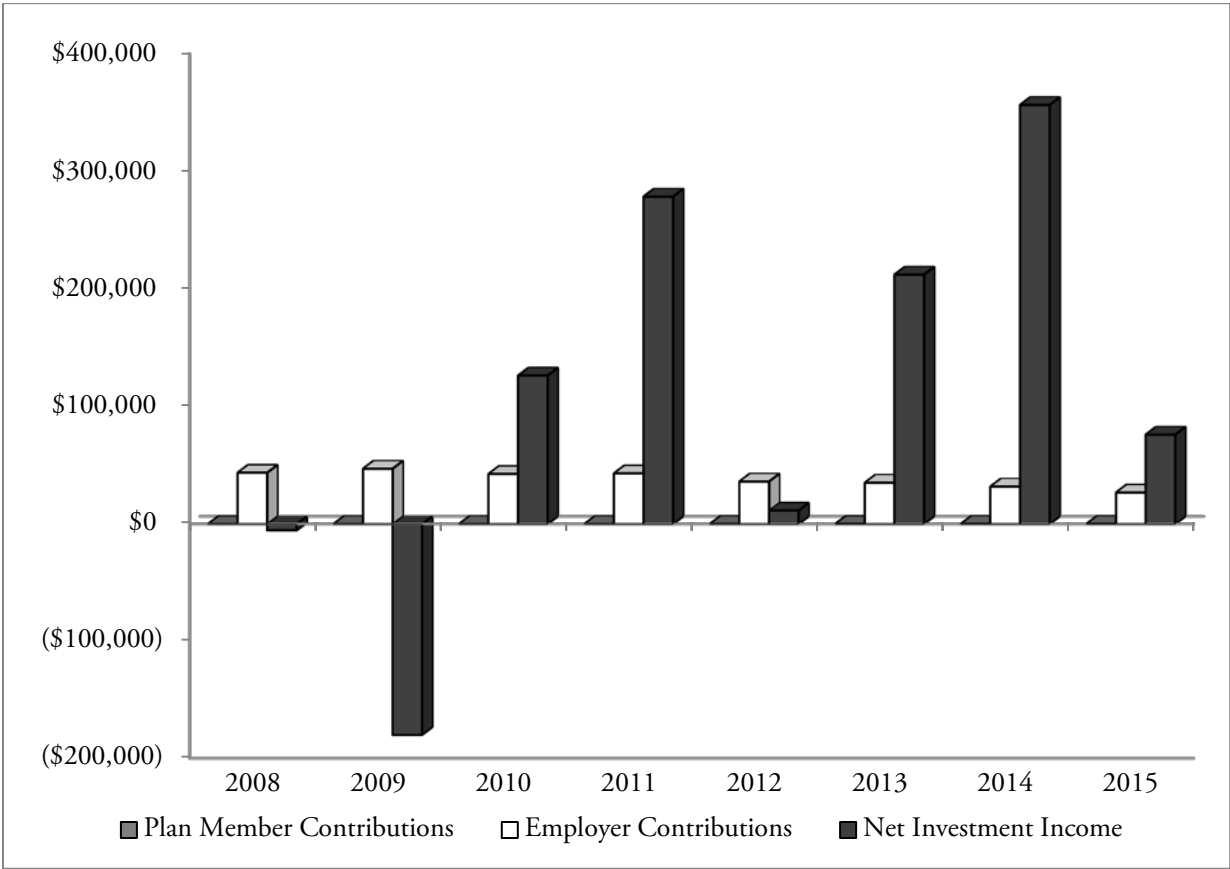
**10-YEAR COMPARISON OF ADDITIONS BY SOURCE  
(In thousands)**





<b>Teachers' Retirement System                      Defined Benefit Alaska Retiree Healthcare Trust                      Additions by Source                      (In thousands)</b>							
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
2014	263	31,980	107,956	356,411	—	6,223	502,833
2015	227	26,922	337,300	76,174	—	15,432	456,055

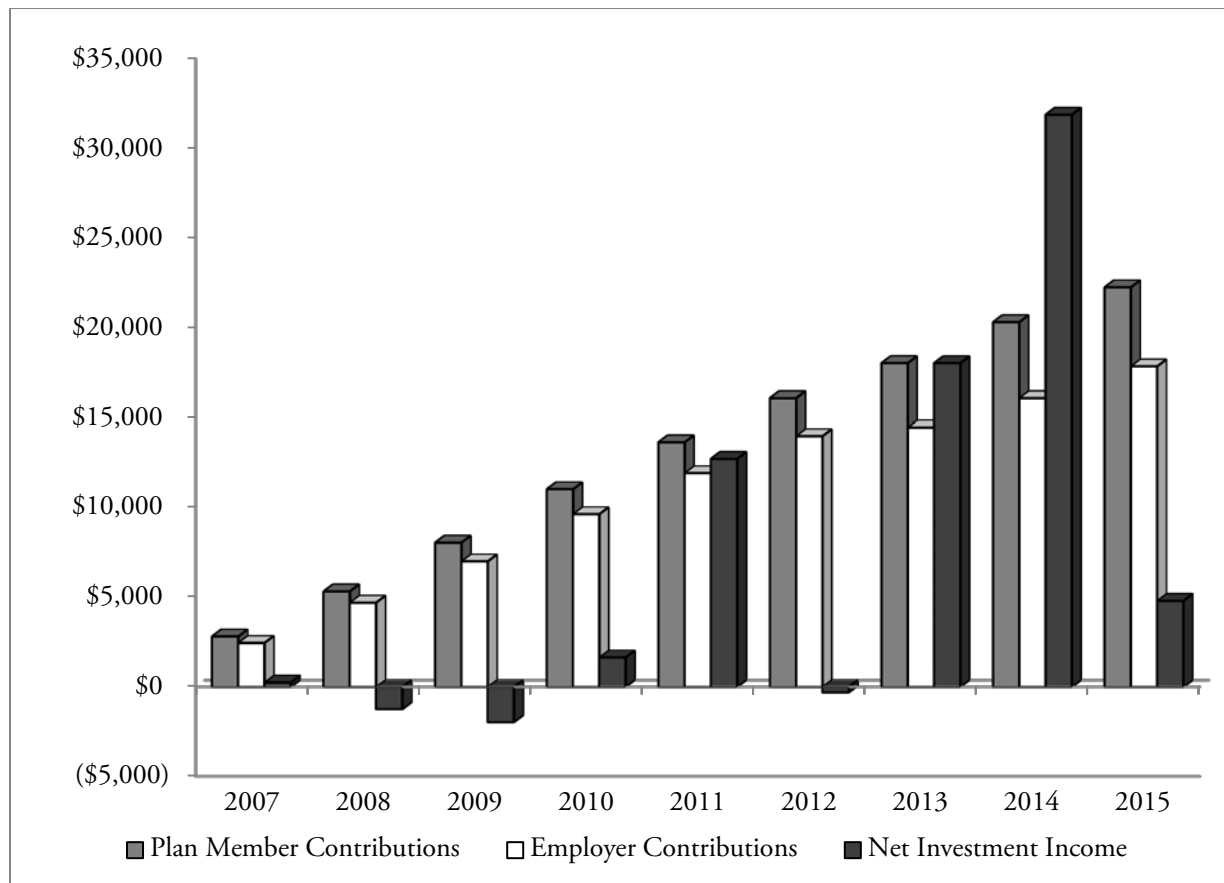
**8-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)



# Statistical Section

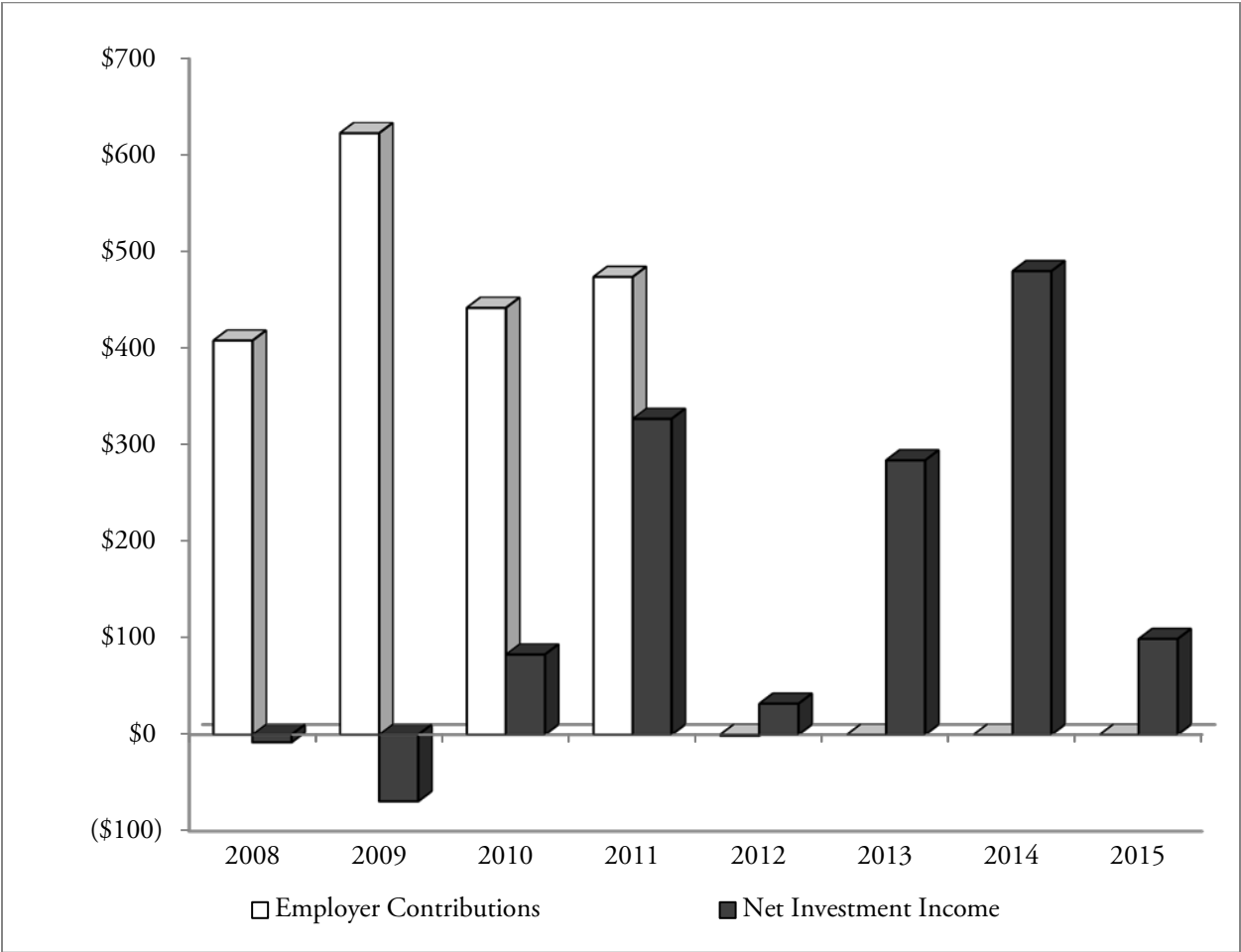
<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Participant Directed</b> <b>Additions by Source</b> <b>(In thousands)</b>					
Year Ended June 30	Plan Member Contributions	Employer Contributions	Net Investment Income (Loss)	Other	Total
2007	\$ 2,827	\$ 2,465	\$ 251	\$ —	\$ 5,543
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
2014	20,326	16,098	31,887	4	68,315
2015	22,269	17,863	4,820	—	44,952

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



<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
2014	—	480	480
2015	—	99	99

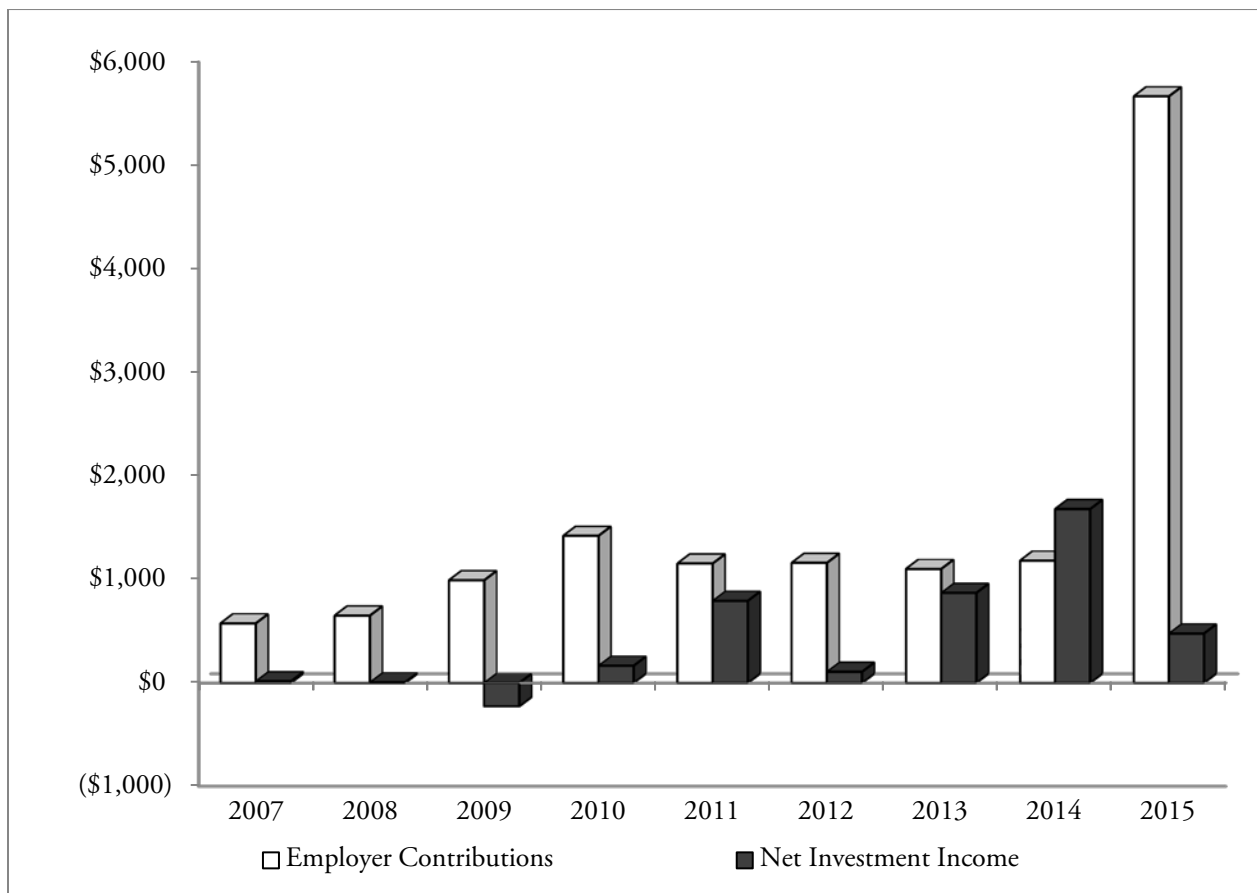
**8-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)



# Statistical Section

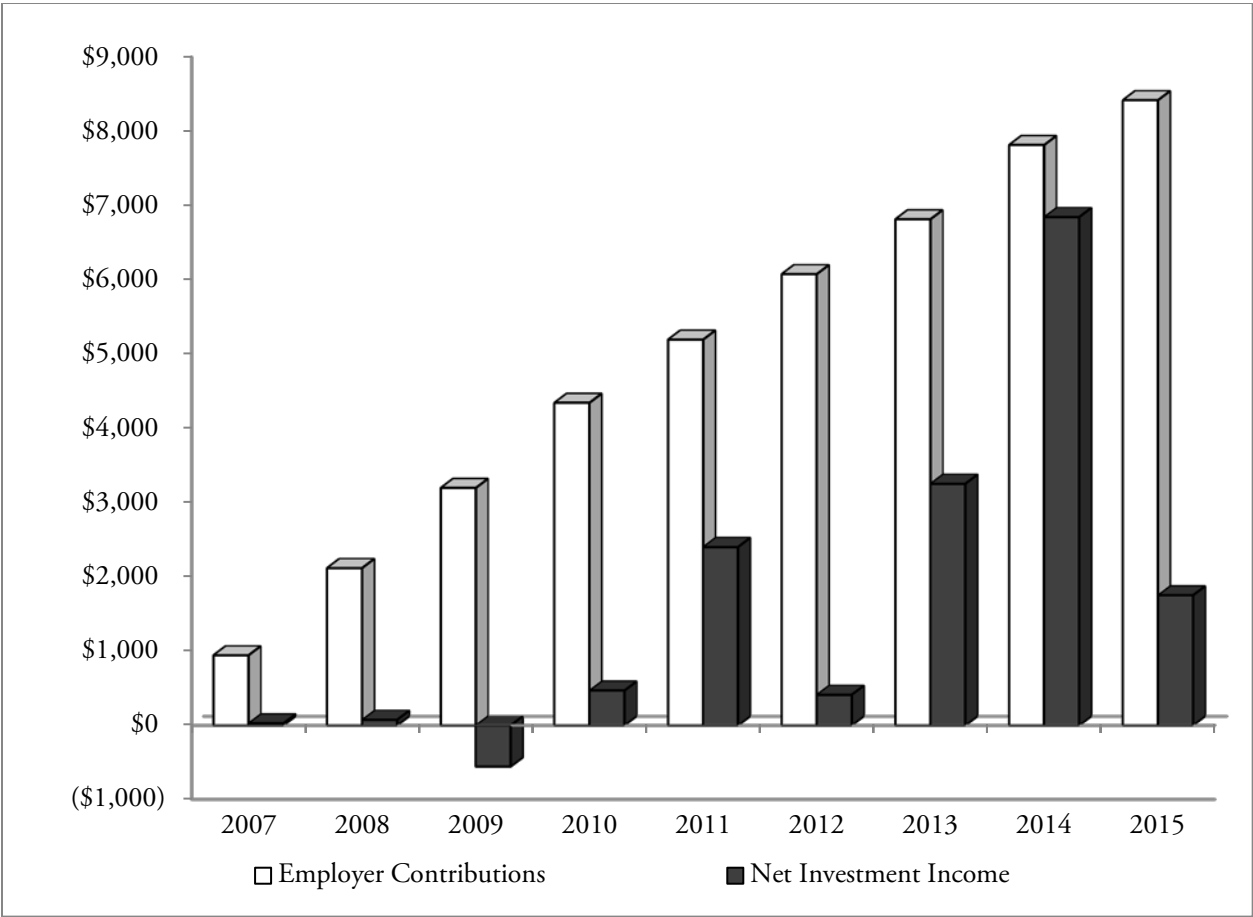
<b>Teachers' Retirement System                      Defined Contribution Retirement Retiree Medical Plan                      Additions by Source                      (In thousands)</b>			
<b>Plan Ended June 30</b>	<b>Employer Contributions</b>	<b>Net Investment Income (Loss)</b>	<b>Total</b>
2007	\$ 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
2014	1,181	1,680	2,861
2015	5,670	477	6,147

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



<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Health Reimbursement Arrangement</b> <b>Additions by Source</b> <b>(In thousands)</b>			
Plan Ended June 30	Employer Contributions	Net Investment Income (Loss)	Total
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
2014	7,816	6,846	14,662
2015	8,420	1,758	10,178

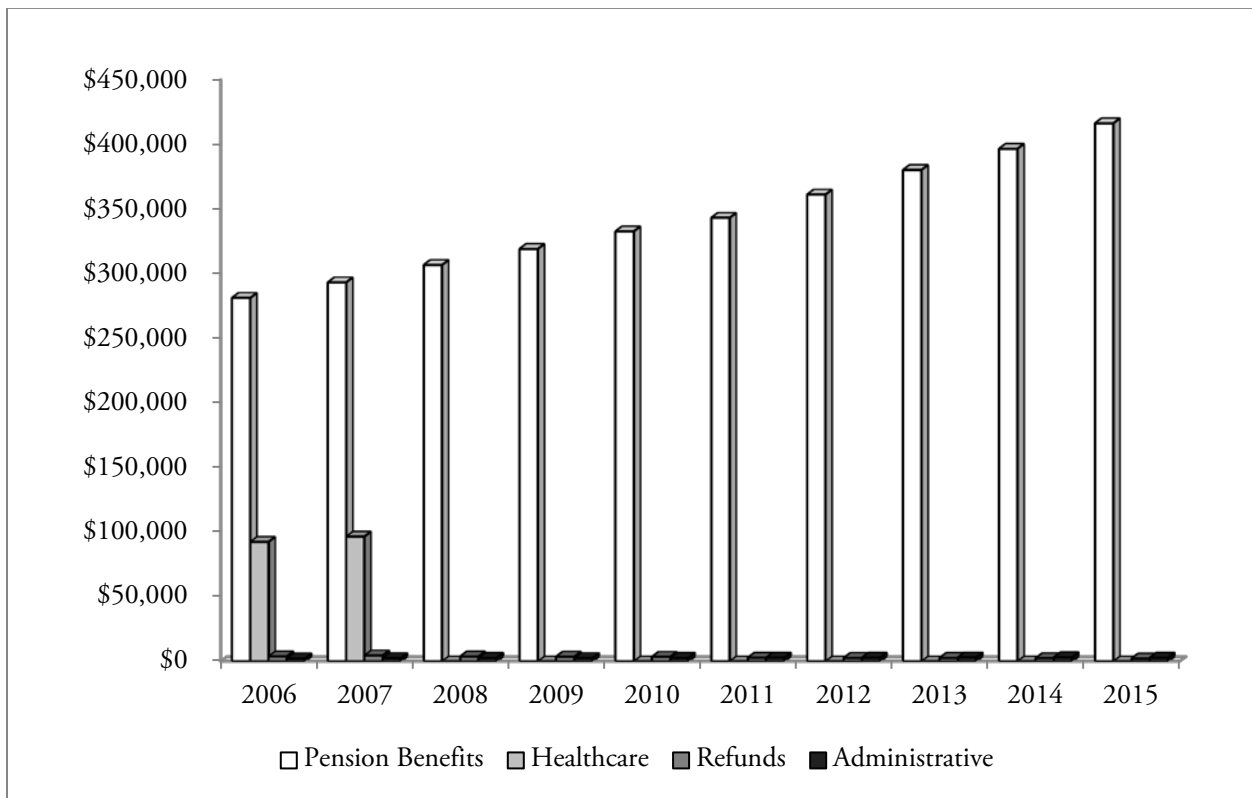
**9-YEAR COMPARISON OF ADDITIONS BY SOURCE**  
(In thousands)



# Statistical Section

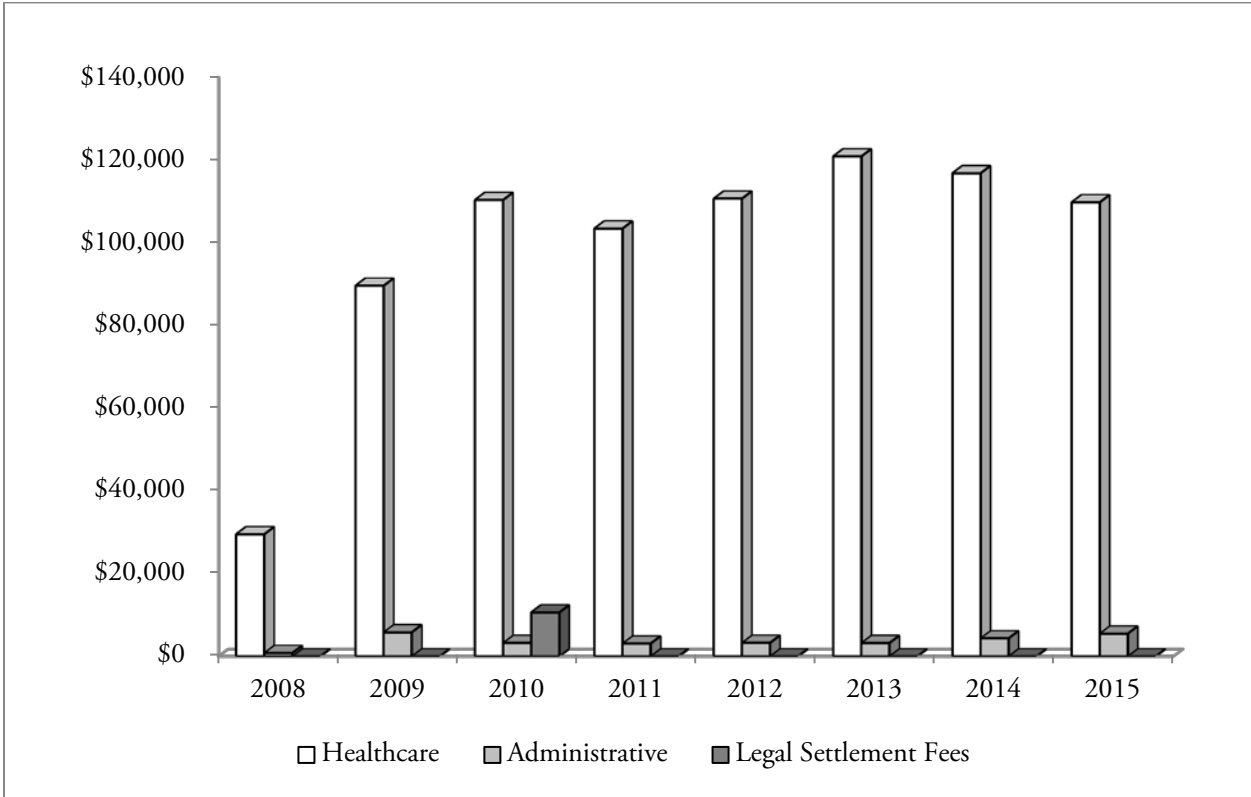
Teachers' Retirement System Defined Benefit Pension Deductions by Type (In thousands)						
Year Ended June 30	Pension Benefits	Healthcare	Refunds of Contributions	Administrative	Transfer	Total
2006	\$ 281,205	\$ 92,462	\$ 3,832	\$ 2,173	\$ —	\$ 379,672
2007	293,224	96,544	4,535	2,394	—	396,697
2008	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
2014	396,614	—	2,387	3,160	—	402,161
2015	416,354	—	2,191	2,789	—	421,334

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



<b>Teachers' Retirement System</b> <b>Defined Benefit Alaska Retiree Healthcare Trust</b> <b>Deductions by Type</b> <b>(In thousands)</b>				
Plan Ended June 30	Healthcare	Administrative	Legal Settlement Fees	Total
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
2014	116,781	4,338	—	121,119
2015	109,740	5,484	—	115,224

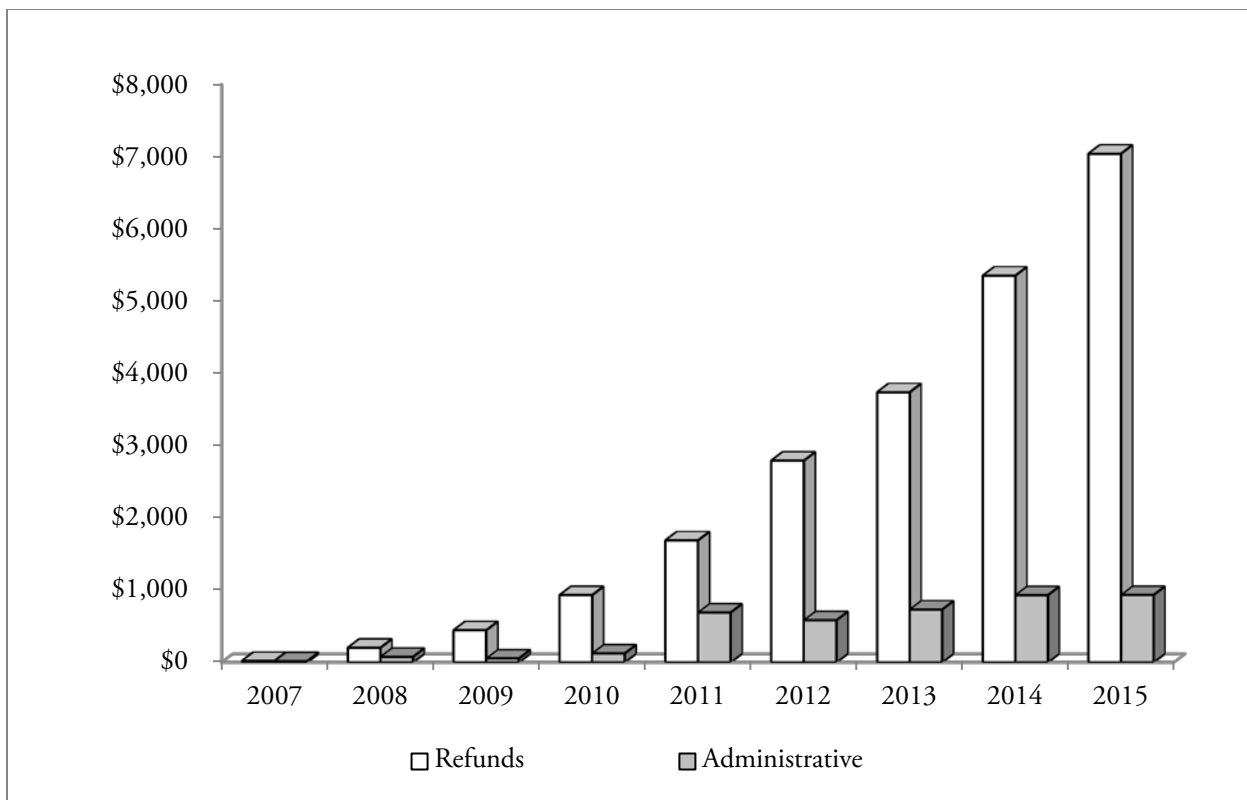
**8-YEAR COMPARISON OF DEDUCTIONS BY TYPE**  
**(In thousands)**



# Statistical Section

<b>Teachers' Retirement System                      Defined Contribution Retirement Participant Directed                      Deductions by Type                      (In thousands)</b>				
<b>Plan Ended June 30</b>	<b>Refund of Contributions</b>	<b>Administrative</b>	<b>Prior Year Forfeiture Payable Adjustment</b>	<b>Total</b>
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
2014	5,352	929	—	6,281
2015	7,041	931	—	7,972

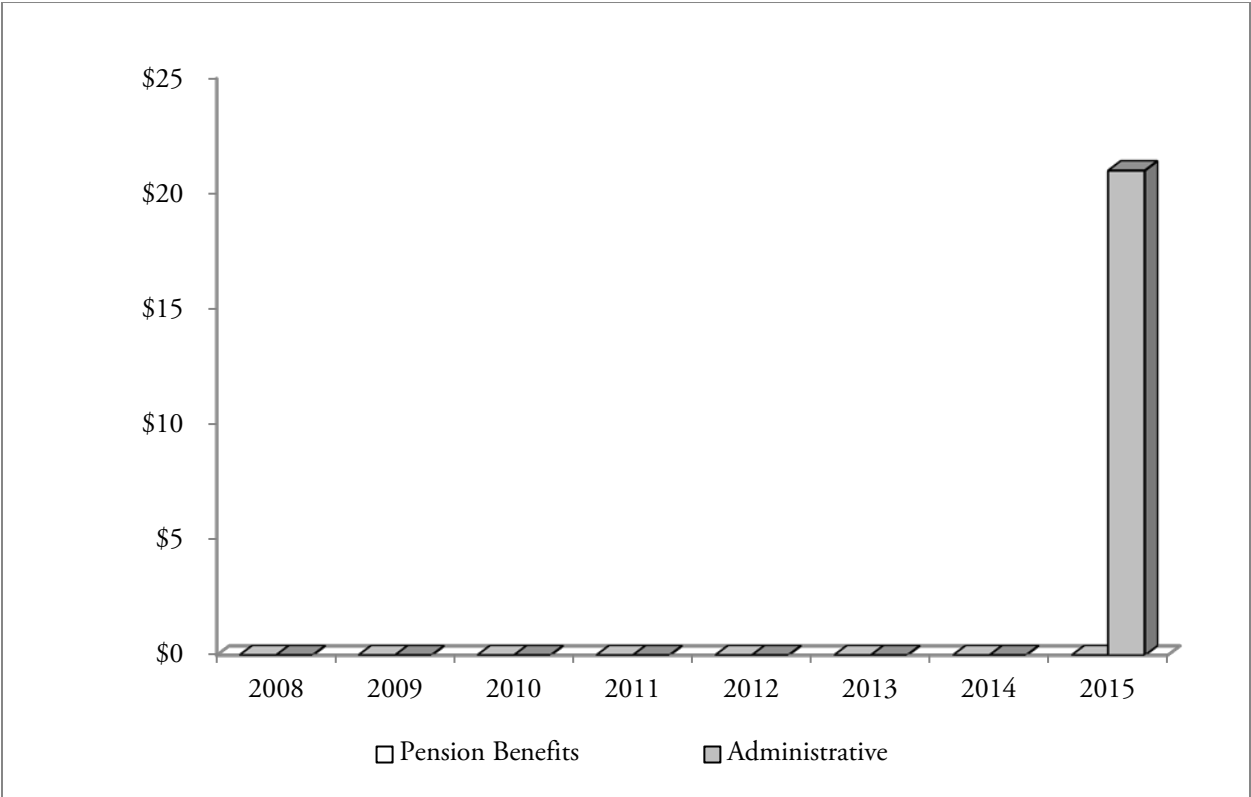
**9-YEAR COMPARISON OF DEDUCTIONS BY TYPE  
(In thousands)**





<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Occupational Death &amp; Disability</b> <b>Deductions by Type</b> <b>(In thousands)</b>			
Plan Ended June 30	Healthcare	Administrative	Total
2008	\$ —	\$ —	\$ —
2009	—	—	—
2010	—	—	—
2011	—	—	—
2012	—	—	—
2013	—	—	—
2014	—	—	—
2015	—	21	21

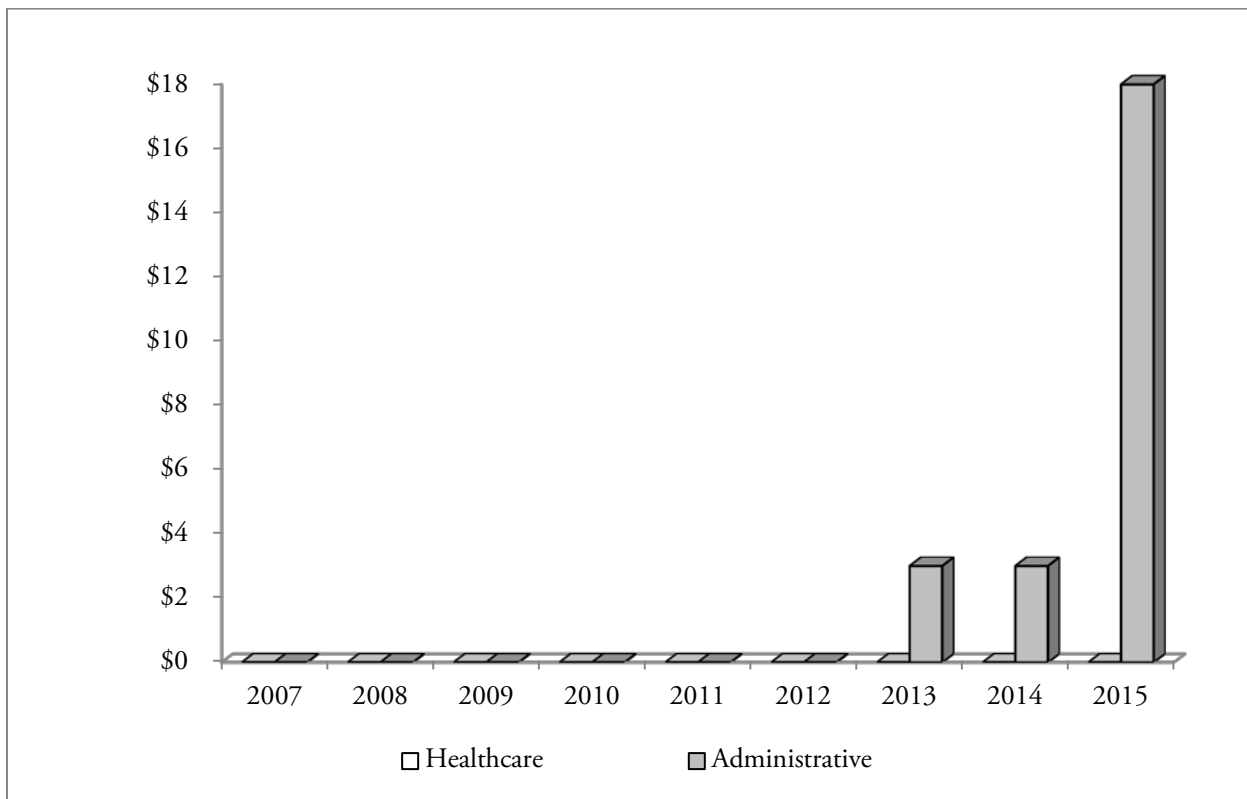
**8-YEAR COMPARISON OF DEDUCTIONS BY TYPE**  
(In thousands)



# Statistical Section

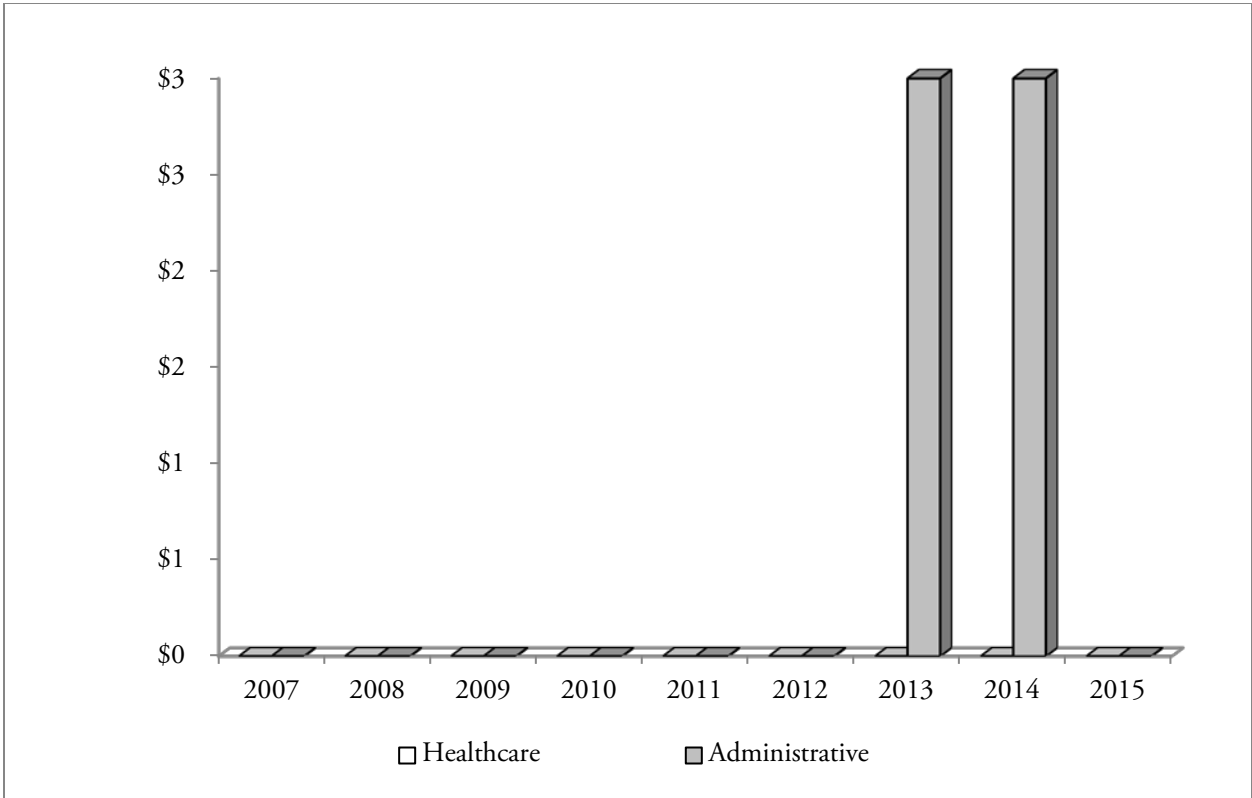
<b>Teachers' Retirement System                      Defined Contribution Retirement Medical Plan                      Deductions by Type                      (In thousands)</b>			
<b>Plan Ended June 30</b>	<b>Healthcare</b>	<b>Administrative</b>	<b>Total</b>
2007	\$ —	\$ —	\$ —
2008	—	—	—
2009	—	—	—
2010	—	—	—
2011	—	—	—
2012	—	—	—
2013	—	3	3
2014	—	3	3
2015	—	18	18

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



<b>Teachers' Retirement System</b> <b>Defined Contribution Retirement Health Reimbursement Arrangement</b> <b>Deductions by Type</b> <b>(In thousands)</b>			
Plan Ended June 30	Healthcare	Administrative	Total
2007	\$ —	\$ —	\$ —
2008	—	—	—
2009	—	—	—
2010	—	—	—
2011	—	—	—
2012	—	—	—
2013	—	3	3
2014	—	3	3
2015	—	—	—

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

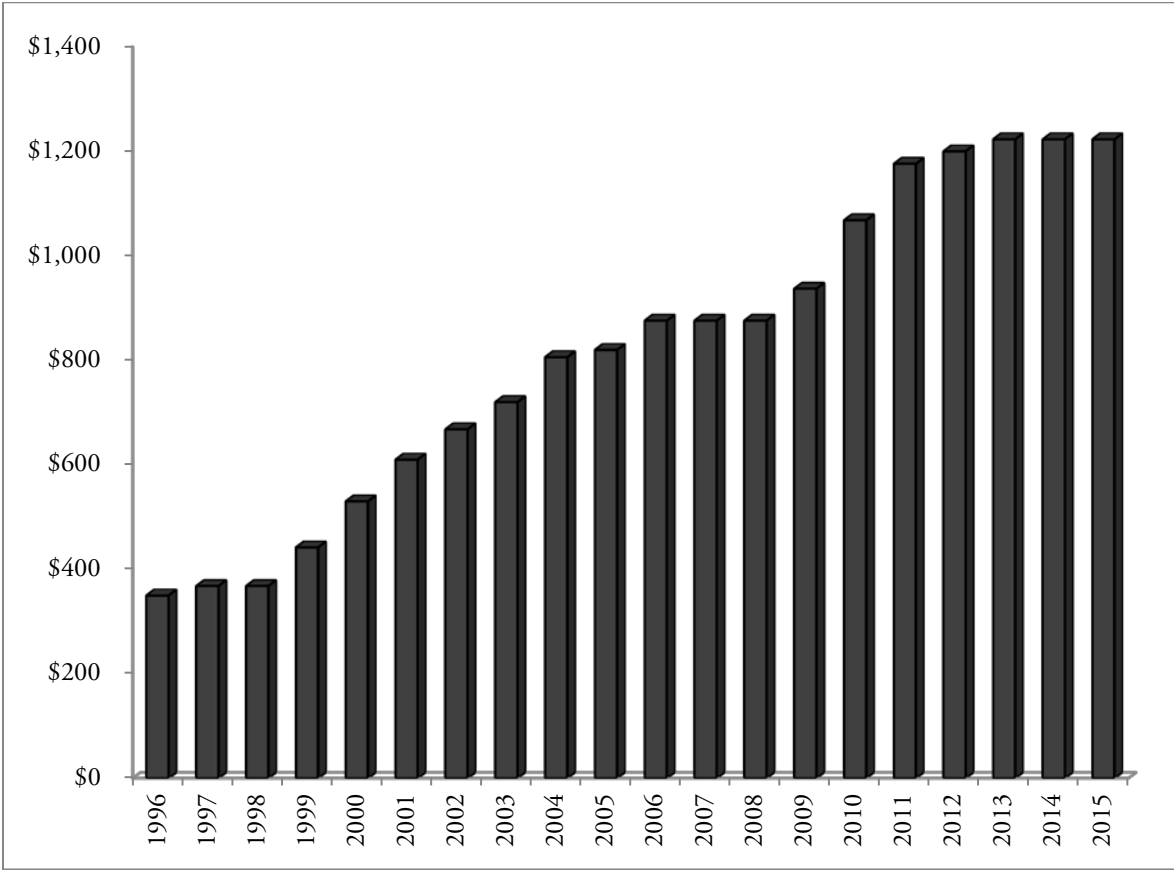


# Statistical Section

<b>Teachers' Retirement System Schedule of Average Pension Benefit Payments New Benefit Recipients</b>							
	<b>Years of Credited Service</b>						
	<b>0 - 4</b>	<b>5 - 9</b>	<b>10 - 14</b>	<b>15 - 19</b>	<b>20 - 24</b>	<b>25 - 29</b>	<b>30+</b>
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
Period 7/1/12 - 6/30/13 <sup>(1)</sup> :							
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 <sup>(1)</sup> :							
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
<p>“Average Monthly Benefit” includes post-retirement pension adjustments and cost-of-living increases.</p> <p><sup>(1)</sup> Does not include beneficiaries</p>							

<b>Teachers' Retirement System</b> <b>Schedule of Pension and Healthcare Benefits Deductions by Type</b> <b>(In thousands)</b>						
Year Ended June 30	Service	Disability	Survivor	Dependent	Healthcare	Total
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
2014	379,594	1,231	15,703	86	166,631	563,245
2015	398,280	1,211	16,781	82	109,740	526,094

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



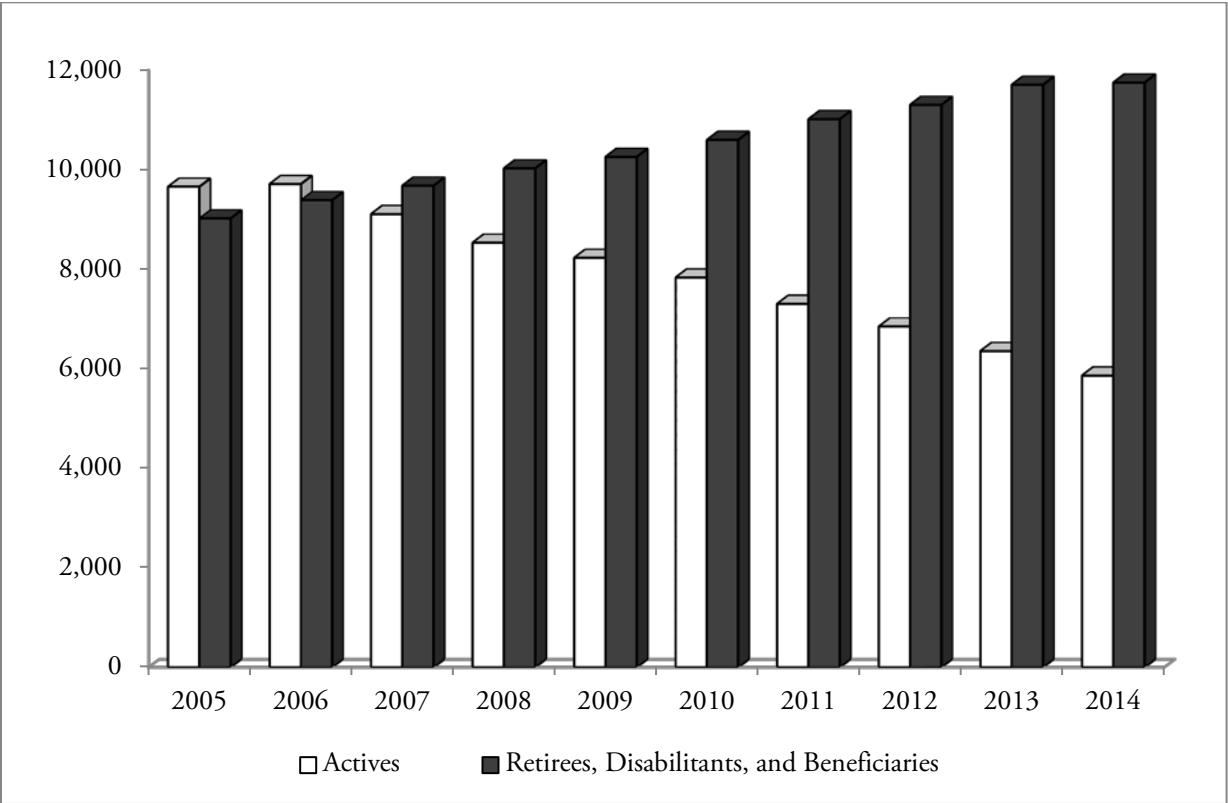
# Statistical Section

Teachers' Retirement System Schedule of Pension Benefit Recipients by Type of Pension Benefit and Option Elected Valuation as of June 30, 2014				
Amount of Monthly Pension Benefit	Number of Recipients	Type of Pension Benefit		
		Regular Retirement	Survivor Payment	Disability
\$ 1 - 300	208	151	57	—
301 - 600	361	268	93	—
601 - 900	628	505	123	—
901 - 1,200	735	601	134	—
1,201 - 1,500	678	535	143	—
1,501 - 1,800	639	521	118	—
1,801 - 2,100	667	550	115	2
2,101 - 2,400	803	723	80	—
2,401 - 2,700	970	901	67	2
2,701 - 3,000	937	895	38	4
3,001 - 3,300	911	878	29	4
3,301 - 3,600	804	786	15	3
3,601 - 3,900	725	703	13	9
3,901 - 4,200	618	613	4	1
over 4,200	2,066	2,051	10	5
<b>Totals</b>	<b>11,750</b>	<b>10,681</b>	<b>1,039</b>	<b>30</b>

Teachers' Retirement System Schedule of Pension Benefit Recipients by Type of Pension Benefit and Option Elected Valuation as of June 30, 2014					
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	208	123	45	33	7
301 - 600	361	187	76	78	20
601 - 900	628	325	140	130	33
901 - 1,200	735	423	161	125	26
1,201 - 1,500	678	363	157	133	25
1,501 - 1,800	639	344	149	123	23
1,801 - 2,100	667	338	151	153	25
2,101 - 2,400	803	377	192	207	27
2,401 - 2,700	970	467	222	258	23
2,701 - 3,000	937	439	218	252	28
3,001 - 3,300	911	439	191	258	23
3,301 - 3,600	804	394	152	244	14
3,601 - 3,900	725	377	128	196	24
3,901 - 4,200	618	311	104	191	12
over 4,200	2,066	978	308	723	57
<b>Totals</b>	<b>11,750</b>	<b>5,885</b>	<b>2,394</b>	<b>3,104</b>	<b>367</b>

Teachers' Retirement System System Membership by Status					
Year Ended June 30	Active	Retirees Disabilitants & Beneficiaries	Vested Terminations	Nonvested Terminations w/Balance	Total
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
2013	6,352	11,705	906	2,448	21,411
2014	5,861	11,750	1,274	2,328	21,213

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



# Statistical Section

<b>Teachers' Retirement System Principal Participating Employers June 30, 2015</b>			
<b>Employer</b>	<b>Non-retired Members</b>	<b>Rank</b>	<b>Percentage of Total Non-retired Members</b>
Anchorage School District	4,859	1	32.06%
Matanuska-Susitna Borough School District	1,546	2	10.20
Fairbanks North Star Borough School District	<u>1,324</u>	3	<u>8.74</u>
<b>Total</b>	<u><b>7,729</b></u>		<u><b>51.00%</b></u>



**Teachers' Retirement System  
Participating Employers  
June 30, 2015**

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	