Kentucky Teachers' Retirement System

2014



Statistical Section

This section of the Kentucky Teachers' Retirement System Comprehensive Annual
Financial Report (KTRS CAFR) presents detailed information as a context for understanding the
information in the financial statements, note disclosures, and required supplementary information
regarding the System's overall financial health.

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Financial Trends	page 161
These schedules contain trend information to help the reader understand how KTRS's	
financial performance & well-being have changed over time.	
Demographic & Economic Information	page 163
These schedules offer demographic and economic indicators to help the reader	
understand the System's environment within which KTRS's financial activities take place.	
Operating Information	page 168
These schedules contain benefits, service, and employer contribution data to help the	
reader understand how KTRS's financial report relates to KTRS's services and activities.	

Defined Benefit PlanPast Ten Fiscal Years

Additions by Source

Year	Employer Contributions	Member Contributions	Net Investment Income	Total Additions to Plan Net Position
2014	\$ 563,326,249	\$ 304,981,620	\$ 2,803,247,956	\$ 3,671,555,825
2013	568,233,446	304,738,728	2,039,874,263	2,912,846,437
2012	557,339,552	309,729,924	309,696,252	1,176,765,728
2011	1,037,935,993	302,262,819	2,760,972,224	4,101,171,036
2010	479,805,088	297,613,965	1,509,785,381	2,287,204,434
2009	442,549,935	293,678,564	(2,020,682,522)	(1,284,454,023)
2008	466,247,782	291,423,948	(909,083,525)	(151,411,795)
2007	434,890,469	269,687,864	2,063,878,767	2,768,457,100
2006	410,920,969	258,464,856	717,308,002	1,386,693,827
2005	388,346,438	247,024,518	946,070,556	1,581,441,512

Deductions by Type (Including Benefits by Type)

Year	Service Retirants	Disability Retirants	Survivors	Life Insurance*	TOTAL Benefits	Refunds	Administrative Expense	Total Deductions to Plan Net Position
2014	\$ 1,563,634,993	\$ 73,501,441	\$ 17,239,266	\$	5 1,654,375,700	\$ 25,461,843	\$ 7,955,972	\$ 1,687,793,515
2013	1,484,132,938	69,808,291	16,781,695		1,570,722,924	22,059,094	8,377,003	1,601,159,021
2012	1,401,380,816	65,297,491	16,260,858		1,482,939,165	19,549,073	7,762,880	1,510,251,118
2011	1,326,033,698	60,950,214	15,551,801		1,402,535,713	17,325,387	7,322,739	1,427,183,839
2010	1,249,272,057	57,782,651	14,754,062		1,321,808,770	15,310,680	8,830,054	1,345,949,504
2009	1,184,075,934	54,562,038	14,342,435		1,252,980,407	15,208,419	8,165,757	1,276,354,583
2008	1,105,078,345	51,842,271	14,048,485		1,170,969,101	15,965,083	7,551,936	1,194,486,120
2007	1,040,003,417	48,863,876	13,671,586		1,102,538,879	14,822,827	7,351,846	1,124,713,552
2006	972,018,057	46,750,585	12,943,639	3,894,000	1,035,606,281	12,834,222	6,839,859	1,055,280,362
2005	902,863,420	44,070,071	12,585,248	3,852,800	963,371,539	10,975,941	6,652,673	981,000,153

 $^{^{\}star}$ Life Insurance Plan valued separately-- see page 153.

Changes in Plan Net Position

Year	Total Additions to Plan Net Position	Total Deductions to Plan Net Position	Changes in Plan Net Position
2014	\$ 3,671,555,825	\$ 1,687,793,515	\$1,983,762,310
2013	2,912,846,437	1,601,159,021	1,311,687,416
2012	1,176,765,728	1,510,251,118	(333,485,390)
2011	4,101,171,036	1,427,183,839	2,673,987,197
2010	2,287,204,434	1,345,949,504	941,254,930
2009	(1,284,454,023)	1,276,354,583	(2,560,808,606)
2008	(151,411,795)	1,194,486,120	(1,345,897,915)
2007	2,768,457,100	1,124,713,552	1,643,743,548
2006	1,386,693,827	1,055,280,362	331,413,465
2005	1,581,441,512	981,000,153	600,441,359

Medical Insurance Plan

Past Ten Fiscal Years

		Additions	by Source		
Year	Employer Contributions	Member Contributions	Recovery Income	Net Investment Income	Total Additions to Plan Net Position
2014	\$ 157,688,414	\$ 135,190,891	\$ 4,879,981	\$ 67,741,063	\$ 365,500,349
2013	166,576,444	119,795,780	34,976	30,718,836	317,126,036
2012	173,966,623	100,346,070	3,781,222	(3,989,202)	274,104,713
2011	188,241,202	84,147,337	493,312	8,334,296	281,216,147
2010	158,761,433	63,805,573	14,618,348	12,312,999	249,498,353
2009	164,408,037	58,688,767	13,683,830	11,296,280	248,076,914
2008	148,929,322	55,402,830	11,936,887	8,128,179	224,397,218
2007	113,233,784	53,099,678	10,337,338	6,722,080	183,392,880
2006	89,319,498	51,697,167	6,117,979	6,804,286	153,938,930
2005	79,022,562	51,576,031		6,507,537	137,106,130

Deductions by Type (Including Benefits by Type)

nsurance Benefit	Expense		Total		Total Deductions	
Under Age 65	Age 65 & Over	Administrative Expense	Insurance Benefits Expense	Refunds*	to Plan Net Position	
\$ 136,963,208	\$ 105,107,323	\$ 1,100,133	\$ 243,170,664	\$	\$ 243,170,664	
142,170,438	98,761,180	1,275,206	242,206,824		242,206,824	
156,228,181	72,746,945	1,201,629	230,176,755		230,176,755	
145,544,405	80,890,958	1,186,029	227,621,392		227,621,392	
136,702,152	100,675,376		237,377,528		237,377,528	
123,819,475	81,037,647		204,857,122		204,857,122	
107,437,450	71,838,765		179,276,215	10,014	179,286,229	
104,828,254	69,400,843		174,229,097	5,834	174,234,931	
102,970,290	66,660,106		169,630,396	5,143	169,635,539	
82,186,847	64,233,482		146,420,329	9,072	146,429,401	
	Under Age 65 \$ 136,963,208 142,170,438 156,228,181 145,544,405 136,702,152 123,819,475 107,437,450 104,828,254 102,970,290	\$ 136,963,208 \$ 105,107,323 142,170,438 98,761,180 156,228,181 72,746,945 145,544,405 80,890,958 136,702,152 100,675,376 123,819,475 81,037,647 107,437,450 71,838,765 104,828,254 69,400,843 102,970,290 66,660,106	Under Age 65 Age 65 Administrative Expense \$ 136,963,208 \$ 105,107,323 \$ 1,100,133 142,170,438 98,761,180 1,275,206 156,228,181 72,746,945 1,201,629 145,544,405 80,890,958 1,186,029 136,702,152 100,675,376 123,819,475 81,037,647 107,437,450 71,838,765 104,828,254 69,400,843 102,970,290 66,660,106	Under Age 65 Age 65 Administrative Expense Insurance Benefits Expense \$ 136,963,208 \$ 105,107,323 \$ 1,100,133 \$ 243,170,664 142,170,438 98,761,180 1,275,206 242,206,824 156,228,181 72,746,945 1,201,629 230,176,755 145,544,405 80,890,958 1,186,029 227,621,392 136,702,152 100,675,376 237,377,528 123,819,475 81,037,647 204,857,122 107,437,450 71,838,765 179,276,215 104,828,254 69,400,843 174,229,097 102,970,290 66,660,106 169,630,396	Under Age 65 Age 65 Administrative Expense Insurance Benefits Expense Refunds* \$ 136,963,208 \$ 105,107,323 \$ 1,100,133 \$ 243,170,664 \$ 142,170,438 98,761,180 1,275,206 242,206,824 156,228,181 72,746,945 1,201,629 230,176,755 145,544,405 80,890,958 1,186,029 227,621,392 237,377,528 237,377,528 237,377,528 123,819,475 81,037,647 204,857,122 107,437,450 71,838,765 179,276,215 10,014 104,828,254 69,400,843 174,229,097 5,834 102,970,290 66,660,106 169,630,396 5,143	Under Age 65 Administrative Expense Total Insurance Benefits Expense Deductions to Plan Net Position \$ 136,963,208 \$ 105,107,323 \$ 1,100,133 \$ 243,170,664 \$ 242,206,824 242,206,824 242,206,824 242,206,824 242,206,824 242,206,824 242,206,824 242,206,824 242,206,824 227,621,392 227,621,392 227,621,392 227,621,392 227,621,392 227,621,392 227,621,392 227,621,392 227,621,392 227,621,392

 $^{{\}it *Refunds are netted against member contributions beginning fiscal year 2009.}$

	Changes in	n Plan	Net Position		
Year	Total Additions to Plan Net Position		tal Deductions to Plan Net Position	Changes in Plan Net Position	
2014	\$ 365,500,349	\$	243,170,664	\$ 122,329,685	
2013	317,126,036		242,206,824	74,919,212	
2012	274,104,713		230,176,755	43,927,958	
2011	281,216,147		227,621,392	53,594,755	
2010	249,498,353		237,377,528	12,120,825	
2009	248,076,914		204,857,122	43,219,792	
2008	224,397,218		179,286,229	45,110,989	
2007	183,392,880		174,234,931	9,157,949	
2006	153,938,930		169,635,539	(15,696,609)	
2005	137,106,130		146,429,401	(9,323,271)	

Life Insurance PlanPast Eight Fiscal Years

	Additio	ns by Source	
	Employer	Net	Total Additions
Year	Contributions	Investment Income	to Plan Net Position
2014	\$ 1,006,091	\$ 4,572,845	\$ 5,578,936
2013	1,680,495	674,760	2,355,255
2012	1,684,711	6,450,022	8,134,733
2011	1,668,822	3,094,776	4,763,598
2010	1,966,826	5,383,644	7,350,470
2009	5,455,473	5,282,958	10,738,431
2008	5,411,249	6,321,491	11,732,740
2007	5,022,137	(3,413,537)	1,608,600

Deductions	by	Type
(Including Bene	fits	by Type)

Year	Life Insurance	Total Deductions to Plan Net Position
2014	\$ 4,692,000	\$ 4,713,324
2013	4,614,718	4,639,143
2012	4,397,281	4,420,167
2011	4,120,000	4,141,511
2010	4,148,511	4,148,511
2009	3,694,000	3,694,000
2008	4,003,000	4,003,000
2007	4,245,000	4,245,000

Changes in Plan Net Position

Total Additions to Plan Net Position	Total Deductions to Plan Net Position	Changes in Plan Net Position
\$ 5,578,936	\$ 4,713,324	\$ 865,612
2,355,255	4,639,143	(2,283,888)
8,134,733	4,420,167	3,714,566
4,763,598	4,141,511	622,087
7,350,470	4,148,511	3,201,959
10,738,431	3,694,000	7,044,431
11,732,740	4,003,000	7,729,740
1,608,600	4,245,000	(2,636,400)

Distribution of Active Contributing Members as of June 30, 2014

	By Age	
Age	Male	Female
20-24	235	969
25-29	1,556	5,458
30-34	2,266	6,918
35-39	2,414	7,273
40-44	2,533	11,417
45-49	2,169	7,477
50-54	1,898	5,936
55-59	1,523	4,741
60-64	1,297	3,677
65 & over	1,090	2,560
TOTAL	16,981	56,426

	By Service	
Years of Service	Male	Female
Less than 1	1,185	6,403
1-4	3,981	13,002
5-9	3,453	10,843
10-14	2,807	9,148
15-19	2,467	7,672
20-24	1,684	5,326
25-29	1,034	3,125
30-34	262	732
35 or more	108	175
TOTAL	16,981	56,426

Principal Participating Employers Current Year and Nine Years Ago

	2014				2005				
	Covered Employees	Rank	Percentage of Total System	Covered Employees	Rank	Percentage of Total System			
Jefferson County Schools	10,255	1	13.48%	9,646	1	13.06%			
Fayette County Public Schools	4,580	2	6.02	3,889	2	5.26			
Boone County Schools	1,872	3	2.46	1,470	3	1.99			
Hardin County Schools	1,343	4	1.77	1,270	4	1.72			
Kenton County Schools	1,327	5	1.74	1,126	5	1.52			
Bullitt County Schools	1,318	6	1.73	1,031	10	1.40			
Warren County Schools	1,262	7	1.66	1,054	9	1.43			
Oldham County Schools	1,192	8	1.57	988	11	1.34			
Daviess County Schools	1,103	9	1.45	1,054	8	1.43			
Madison County Schools	1,101	10	1.45	1,061	7	1.44			
All Other*	50,716		66.67	51,289		69.42			
TOTAL (208 Employers)	76,069		100.00%	73,878		100.00%			

Type	Number	Employees
Local School Districts	163	44,608
Higher Education	6	4,023
State Agencies	15	1,640
Regional Coops	8	340
Other	6	105
TOTAL	198_	50,716

KTRS Schedule of Participating Employers School Districts: County Schools

1.	Adair	25.	Clark	49.	Harrison	73.	Madison	97. Perry
2.	Allen		Clay		Hart		Magoffin	98. Pike
3.	Anderson		Clinton	51.	Henderson	75.	Marion	99. Powell
4.	Ballard		Crittenden		Henry		Marshall	100. Pulaski
5.	Barren	29.		53.	Hickman		Martin	101. Robertson
6.	Bath	30.	Daviess	54.	Hopkins	78.	Mason	102. Rockcastle
7.	Bell	31.	Edmonson	55.	Jackson	79.	McCracken	103. Rowan
8.	Boone	32.	Elliott	56.	Jefferson	80.	McCreary	104. Russell
9.	Bourbon	33.	Estill	57.	Jessamine	81.	McLean	105. Scott
10.	Boyd	34.	Fayette	58.	Johnson	82.	Meade	106. Shelby
11.	Boyle	35.	Fleming	59.	Kenton	83.	Menifee	107. Simpson
12.	Bracken	36.	Floyd	60.	Knott	84.	Mercer	108. Spencer
13.	Breathitt	37.	Franklin	61.	Knox	85.	Metcalfe	109. Taylor
14.	Breckinridge	38.	Fulton	62.	Larue	86.	Monroe	110. Todd
15.	Bullitt	39.	Gallatin	63.	Laurel	87.	Montgomery	111. Trigg
16.	Butler	40.	Garrard	64.	Lawrence	88.	Morgan	112. Trimble
17.	Caldwell	41.	Grant	65.	Lee	89.	Muhlenberg	113. Union
18.	Calloway	42.	Graves	66.	Leslie	90.	Nelson	114. Warren
19.	Campbell	43.	Grayson	67.	Letcher	91.	Nicholas	115. Washington
20.	Carlisle	44.	Green	68.	Lewis	92.	Ohio	116. Wayne
21.	Carroll	45.	Greenup	69.	Lincoln	93.	Oldham	117. Webster
22.	Carter	46.	Hancock	70.	Livingston	94.	Owen	118. Whitley
23.	Casey	47.	Hardin	71.	Logan	95.	Owsley	119. Wolfe
24.	Christian	48.	Harlan	72.	Lyon	96.	Pendleton	120. Woodford

KTRS Schedule of Participating Employers (continued) School Districts: City Schools

1.	Anchorage	Covington	29. Hazard	43. Raceland
2.	Ashland	16. Danville	30. Jackson	44. Russell
3.	Augusta	17. Dawson Springs	31. Jenkins	45. Russellville
4.	Barbourville	18. Dayton	32. Ludlow	46. Science Hill
5.	Bardstown	19. East Bernstadt	33. Mayfield	47. Silver Grove
6.	Beechwood	20. Elizabethtown	34. Middlesboro	48. Somerset
7.	Bellevue	21. Eminence	35. Murray	48. Southgate
8.	Berea	22. Erlanger-Elsmere	36. Newport	50. Walton-Verona
9.	Bowling Green	23. Fairview	37. Owensboro	51. West Point
10.	Burgin	24. Fort Thomas	38. Paducah	52. Williamsburg
11.	Campbellsville	25. Frankfort	39. Paintsville	53. Williamstown
12.	Caverna	26. Fulton	40. Paris	
13.	Cloverport	27. Glasgow	41. Pikeville	
14.	Corbin	28. Harlan	42. Pineville	

Universities & Community/ Technical Colleges

- 1. Eastern Kentucky
- 2. Kentucky State
- 3. Morehead State
- 4. Murray State
- 5. Western Kentucky
- 6. Kentucky Community & Technical College System

State of Kentucky/ Other Organizations

- 1. Education and Workforce Development Cabinet
- 2. Legislative Research Commission
- 3. Finance and Administration Cabinet

Other Organizations

- 1. Education Professional Standards Board
- 2. Kentucky Education Association
- 3. Kentucky Academic Association
- 4. Kentucky Educational Development Cooperative
- 5. Kentucky High School Athletic Association
- 6. Kentucky School Boards Association
- 7. Kentucky Valley Educational Cooperative
- 8. Northern Kentucky Cooperative for Educational Services
- 9. Ohio Valley Educational Cooperative
- 10. West Kentucky Education Cooperative
- 11. Green River Regional Education Cooperative
- 12. Central Kentucky Special Education Cooperative
- 13. Southeast South-Central Educational Cooperative

Number of Payments in United States

- 119 ALABAMA
 - 1 ALASKA
- 86 ARIZONA
- 86 ARIZUNA
 36 ARKANSAS
 102 CALIFORNIA
 56 COLORADO
 9 CONNECTICUT

 - 7 DELAWARE
- 1,063 FLORIDA
- 247 GEORGIA 5 HAWAII

 - 7 IDAHO
- 94 ILLINOIS 664 INDIANA

- 163 1EXAS
 14 IOWA
 25 UTAH
 33 KANSAS
 1 VERMONT
 43 LOUISIANNA
 16 MAINE
 28 MARYLAND
 103 WEST VIRGINIA
 18 MASSACHUSETTS
 28 WISCONSIN
 40 MICHIGAN
 1 WYOMBIC
- 19 MINNESOTA
- 50 MISSISSIPPI
- 75 MISSOURI
- 6 MONTANA
- 8 NEBRASKA
- 21 NEVADA
- 5 NEW HAMPSHIRE

- 8 NEW JERSEY
- 17 NEW MEXICO
- 40 NEW YORK
- 246 NORTH CAROLINA
 2 NORTH DAKOTA
 586 OHIO
- 27 OKLAHOMA 29 OREGON
- 51 PENNSYLVANIA
 0 RHODE ISLAND
 180 SOUTH CAROLINA
 9 SOUTH DAKOTA
 855 TENNESSEE
 183 TEXAS

Distribution of Retirement and **Medical Payments Worldwide**

As of June 30, 2014



Number of Payments Outside United States

DIST COLUMBIA 1 ENGLAND 3 MILITARY APO 1 PHILIPPINES 1 AUSTRALIA 1 SWEDEN 1 BARBADOS 1 SWITZERLAND

TOTALS

Number of Out of State Payments	5,470
Out of State Payments	
Number of Payments	
Amount of Payments	

5 CANADA

Distribution of Retirement and Medical Payments Statewide as of June 30, 2014

County Name	Total Payments	Number of Recipients	County Name	Total Payments	Number of Recipients
Adair	\$ 6,925,893	199	Laurel	22,589,262	631
Allen	6,440,822	174	Lawrence	5,231,066	147
Anderson	7,691,376	216	Lee	2,691,803	80
Ballard	4,613,421	126	Leslie	5,473,467	148
Barren	15,070,047	404	Letcher	11,901,603	336
Bath	4,231,605	128	Lewis	6,408,833	178
Bell	13,873,400	382	Lincoln	10,647,715	284
Boone	34,614,035	867	Livingston	3,233,784	90
Bourbon	7,203,947	200	Logan	9,676,713	267
Boyd	19,985,505	524	Lyon	3,907,255	105
Boyle	17,077,351	451	Madison	50,567,450	1,329
Bracken	3,811,808	100	Magoffin	6,428,112	176
Breathitt	8,371,099	248	Marion	6,463,603	187
Breckinridge	6,867,160	178	Marshall	13,474,756	361
Bullitt	17,187,449	429	Martin	4,877,716	140
Butler	3,560,428	101	Mason	7,293,246	199
Caldwell	6,768,176	187	McCracken	26,532,985	708
Calloway	24,090,369	649	McCreary	7,248,989	208
Campbell	27,368,619	687	McLean	4,106,341	111
Carlisle	1,589,726	48	Meade	7,086,605	173
Carroll	2,981,501	81	Menifee		69
		377	Mercer	2,115,473 8,715,093	257
Carter	13,011,273			, ,	
Casey	5,671,520	164	Metcalfe	3,750,944	101
Christian	19,688,721	535	Monroe	5,530,340	159
Clark	12,144,662	343	Montgomery	11,949,069	321
Clay	10,787,010	276	Morgan	6,501,047	184
Clinton	5,284,797	148	Muhlenberg	11,715,321	295
Crittenden	2,305,528	74	Nelson	14,775,172	393
Cumberland	3,502,004	96	Nicholas	2,012,143	57
Daviess	40,512,111	1,077	Ohio	7,044,003	199
Edmonson	3,660,503	101	Oldham	18,212,692	438
Elliott	2,204,946	69	Owen	3,131,627	83
Estill	5,193,497	144	Owsley	4,061,170	116
Fayette	106,597,756	2,890	Pendleton	4,735,761	137
Fleming	6,118,058	175	Perry	13,722,088	375
Floyd	19,598,061	563	Pike	29,233,788	824
Franklin	27,206,750	889	Powell	4,751,288	125
Fulton	2,697,225	74	Pulaski	25,220,219	730
Gallatin	951,914	25	Robertson	786,833	23
Garrard	7,041,269	185	Rockcastle	7,135,145	189
Grant	6,936,366	169	Rowan	17,329,787	479
Graves	15,289,313	408	Russell	8,302,597	225
Grayson	9,703,562	266	Scott	14,598,196	391
Green	4,300,995	115	Shelby	17,057,564	440
Greenup	13,894,337	377	Simpson	6,063,999	165
Hancock	2,927,283	78	Spencer	5,440,122	135
Hardin	31,703,302	829	Taylor	10,952,056	318
Harlan	14,874,100	414	Todd	3,190,730	96
Harrison	7,466,847	204	Trigg	6,322,545	182
Hart	5,234,091	136	Trimble	2,068,824	54
Henderson	15,888,232	417	Union	4,235,548	122
Henry	6,698,084	188	Warren	58,496,633	1,590
Hickman	1,457,783	40	Washington	3,930,197	109
Hopkins	17,073,864	457	Wayne	8,331,428	228
Jackson	4,631,682	144	Webster	4,777,432	138
Jefferson	279,811,109	6,581	Whitley	24,432,161	679
Jessamine	12,729,141	356	Wolfe	4,081,862	119
Johnson	12,974,195	345	Woodford	10,673,898	289
Kenton	34,162,691	909	.,	20,0.0,00	
Knott	8,567,431	246	Total in Kentucky	\$ 1,667,661,018	44,386
Knox	9,573,100	283	22011110 Ky	- 2,00.,001,010	11,000
Larue	6,036,069	148			

Growth in Annuitants as of June 30, 2014

Fiscal	Service		Beneficiaries of Retired		Eligible to
Year	Retirees	Disabilities	Members	Survivors	Retire
2005-06	33,618	2,039	1,631	495	531
2006-07	34,462	2,086	1,722	466	549
2007-08	35,550	2,155	1,778	468	554
2008-09	36,684	2,209	1,837	448	559
2009-10	37,607	2,284	1,915	435	567
2010-11	38,705	2,379	2,003	430	584
2011-12	40,107	2,478	2,126	444	596
2012-13	41,255	2,582	2,207	432	601
2013-14	42,581	2,641	2,304	429	596

Schedule of Annuitants by Type of Benefit as of June 30, 2014

Amount of Monthly	Number of	Type of Benefit*						
Benefit (\$)	Annuitants	1	2	3	4	5		
1 - 500	3,519	2,506	19	382	185	316		
501 - 1,000	2,734	2,089	170	6	413	0		
1,001 - 1,500	3,038	2,228	295	2	589	0		
1,501 - 2,000	3,666	2,928	410	1	459	0		
2,001 - 2,500	5,424	4,690	611	10	402	0		
2,501 - 3,000	8,636	7,809	643	18	326	0		
3,001 - 3,500	7,542	6,797	276	3	187	0		
3,501 - 4,000	5,150	4,520	128	2	147	0		
4,001 - 4,500	3,349	2,996	56	4	81	0		
4,501 - 5,000	2,063	1,767	21	0	44	0		
5,001 & OVER	3,430	2,925	12	1	67	0		
TOTAL**	48,551	41,255	2,641	429	2.900	316		

^{*}Type of Benefit

2-Disability Retirement

Schedule of Annuitants by Option Selected as of June 30, 2014

amount of Monthly		Option Selected*							
Benefit (\$)	1	2	3	4	5	6	7	None	
1 - 500	1,831	414	289	58	6	421	120	380	
501 - 1,000	1,443	329	225	112	9	329	211	76	
1,001 - 1,500	1,481	314	290	145	10	398	305	95	
1,501 - 2,000	1,939	397	343	152	10	470	266	89	
2,001 - 2,500	2,567	515	486	201	5	880	540	230	
2,501 - 3,000	4,290	869	680	218	10	1,430	836	303	
3,001 - 3,500	3,943	835	527	230	11	1,103	802	91	
3,501 - 4,000	2,643	536	420	159	8	787	551	46	
4,001 - 4,500	1,696	323	297	111	5	473	422	22	
4,501 - 5,000	1,049	227	160	88	8	287	236	8	
5,001 & OVER	1,750	307	362	167	16	422	400	6	
TOTAL	24,632	5,066	4,079	1,641	98	7,000	4,689	1,346	

*Option selected:

- 1 Straight-life annuity with refundable balance
- 2 Period certain benefit and life thereafter
- 3 Joint-survivor annuity

- 4 Joint-survivor annuity, one-half benefit to beneficiary
- 5 Other payment special option
- 6 Joint-survivor annuity with "pop-up" option
- 7 Joint-survivor annuity, one-half benefit to beneficiary with "pop-up" option

³⁻Survivor Payment - Active Member

¹⁻Normal Retirement for Age & Service 4-Beneficiary Payment - Retired Member

⁵⁻Disabled Adult Child

^{**} Retirees in waiver program are not included.

Defined Benefit Plan Average Benefit Payments for the Past Ten Years By Years of Service Credit

		by rear	of Servic	c Credit				
Retirement Effective Dates	00-4.99	05-9.99	10-14.99	15-19.99	20-24.99	25-29.99	30>=	TOTAL
07/01/2004 TO 06/30/2005								
Average monthly benefit	\$187	\$528	\$906	\$1,488	\$1,978	\$2,892	\$3,860	\$2,883
Average final average salary	\$4,353	\$3,511	\$3,647	\$4,055	\$4,182	\$4,602	\$5,275	\$4,724
Number of retired members	55	98	107	106	145	811	875	2,197
07/01/2005 TO 06/30/2006								
Average monthly benefit	\$202	\$473	\$1,019	\$1,493	\$2,037	\$2,998	\$4,063	\$2,827
Average final average salary	\$4,106	\$3,253	\$4,052	\$4,117	\$4,317	\$4,721	\$5,490	\$4,773
Number of retired members	44	105	106	132	145	689	604	1,873
07/01/2006 TO 06/30/2007								
Average monthly benefit	\$178	\$514	\$930	\$1,559	\$2,136	\$3,140	\$4,263	\$2,900
Average final average salary	\$4,102	\$3,346	\$3,590	\$4,228	\$4,537	\$4,970	\$5,758	\$4,916
Number of retired members	48	113	90	109	193	534	514	1,577
07/01/2007 TO 06/30/2008								
Average monthly benefit	\$199	\$524	\$1,117	\$1,658	\$2,276	\$3,279	\$4,319	\$2,984
Average final average salary	\$3,816	\$3,066	\$4,215	\$4,412	\$4,612	\$5,067	\$5,786	\$5,017
Number of retired members	50	130	112	150	169	557	615	1,831
07/01/2008 TO 06/30/2009							****	
Average monthly benefit	\$200	\$573	\$1,005	\$1,725	\$2,436	\$3,368	\$4,496	\$2,941
Average final average salary	\$4,617	\$3,942	\$3,873	\$4,686	\$4,983	\$5,278	\$5,960	\$5,164
Number of retired members	72	168	137	115	217	505	585	1,824
07/01/2009 TO 06/30/2010	#105	# 505	d1 104	#1 5 00	#2 42 7	# 2 460	Φ4.6 5 0	#2.222
Average monthly benefit	\$185	\$525	\$1,104	\$1,700	\$2,427	\$3,468	\$4,670	\$3,222
Average final average salary	\$3,654	\$3,637	\$4,124	\$4,508	\$4,974	\$5,383	\$6,102	\$5,316
Number of retired members	28	133	98	103	242	442	601	1,647
07/01/2010 TO 06/30/2011	ф1.4O	Φ E 10	ф1 005	φ1 5 01	ф о Б 10	ФО (О1	Φ4 O O E	#2.240
Average monthly benefit	\$149	\$519	\$1,225	\$1,781	\$2,513	\$3,621	\$4,827	\$3,240
Average final average salary	\$3,570	\$3,640	\$4,423	\$4,825	\$5,184	\$5,574 544	\$6,235	\$5,392
Number of retired members	45	157	144	112	242	544	617	1,854
07/01/2011 TO 06/30/2012	ф1 7 5	ф Г О Г	ф1 1 7 0	ф1 00 7	ф о (10	фЭ. С Т. 4	Φ4 7 2 (#0.140
Average monthly benefit	\$175 \$3,292	\$507	\$1,170	\$1,897	\$2,613 \$5,219	\$3,674	\$4,726	\$3,148 \$5,331
Average final average salary	ъз,292 45	\$3,759 197	\$4,307 146	\$4,898 162	303	\$5,605 778	\$6,109 569	2,200
Number of retired members	45	197	140	102	303	770	309	2,200
07/01/2012 TO 06/30/2013	¢1.61	¢475	\$1,186	¢1 062	ቀን 7 01	¢ 2 011	¢E 160	¢2 140
Average monthly benefit	\$161 \$3,362	\$475 \$3,660	\$1,100 \$4,498	\$1,963 \$4,956	\$2,781 \$5,518	\$3,811 \$5,799	\$5,162 \$6,632	\$3,149 \$5,476
Average final average salary Number of retired members	φ3,362 44	234	_Ф 4,496 156	η4,930 154	ъэ,это 294	ф3,799 685	яб,632 447	2,014
Number of retired members	77	254	130	134	274	003	44/	2,014
07/01/2013 TO 06/30/2014	\$192	¢101	¢1 27 0	¢2 069	¢2 707	¢2 047	¢E 262	¢2 126
Average monthly benefit	\$192 \$4,148	\$484 \$3,677	\$1,270 \$4,751	\$2,068 \$5,364	\$2,797 \$5,600	\$3,847 \$5,902	\$5,362 \$6,860	\$3,126 \$5,589
Average final average salary Number of retired members	56	211	161	145	258	678	344	1,853
Ton Voore Ended Ivan 20, 2014								
Ten Years Ended June 30, 2014 Average monthly benefit	\$184	\$510	\$1,111	\$1,751	\$2,499	\$3,406	\$4,494	\$3,042
Average final average salary	\$3,966	\$3,592	\$4,202	\$4,638	\$5,082	\$5,283	\$5,935	\$5,169
Number of retired members	487	1,546	1,257	1,288	2,298	6,223	5,771	18,870

Medical Insurance Plan Average Insurance Premium Supplements for the Last Ten Years By Years of Service Credit

Retirement Effective Dates	00-9.99	10-14.99	15-19.99	20>=	TOTAL
07/01/2004 to 06/30/2005					
Average monthly supplement	\$ 138	\$ 214	\$ 305	\$ 395	
Number of retired members	36	70	93	1,768	1,967
07/01/2005 to 06/30/2006					
Average monthly supplement	\$ 161	\$ 242	\$ 362	\$ 487	
Number of retired members	28	49	106	1,440	1,623
07/01/2006 to 06/30/2007					
Average monthly supplement	\$ 146	\$ 261	\$ 363	\$ 490	
Number of retired members	29	53	80	949	1,111
07/01/2007 to 06/30/2008					
Average monthly supplement	\$ 163	\$ 261	\$ 378	\$ 512	
Number of retired members	36	61	104	952	1,153
07/01/2008 to 06/30/2009					
Average monthly supplement	\$ 168	\$ 298	\$ 414	\$ 563	
Number of retired members	26	64	103	1,329	1,522
07/01/2009 to 06/30/2010					
Average monthly supplement	\$ 151	\$ 339	\$ 435	\$ 621	
Number of retired members	32	73	103	1,276	1,484
07/01/2010 to 06/30/2011					
Average monthly supplement	\$ 167	\$ 312	\$ 439	\$ 597	
Number of retired members	30	32	109	1,360	1,531
07/01/2011 to 06/30/2012					
Average monthly supplement	\$ 164	\$ 302	\$ 433	\$ 579	
Number of retired members	29	81	121	1,568	1,799
07/01/2012 to 06/30/2013					
Average monthly supplement	\$ 80	\$ 227	\$ 367	\$ 499	
Number of retired members	29	90	104	1,373	1,596
07/01/2013 TO 06/30/2014					
Average monthly supplement	\$ 52	\$190	\$335	\$484	
Number of retired members	15	82	100	1,227	1,424

Summary of Fiscal Year 2013-2014

Retiree Sick Leave Payments

ACTUARIAL RATE

Grand total members retiring	2,228
Total members receiving sick leave payments	1,548
Total amount of sick leave payments @ 11.355% contribution rate	\$ 19,692,958
Average payment per retiree	\$ 12,722
Total increase in final 3/5 average salary base	\$ 5,433,667
Average increase in final average salary	\$ 3,510
Total service credit of 1,548 retirees	38,938
Average service credit of 1,548 retirees	25.15

ANTICIPATED LIFETIME PAYOUT OF ADDITIONAL ANNUITY

Actuarial cost of sick leave as salary credit \$45,174,969

Funding of Additional Payments

Member contributions 9.105% x \$19,692,958 = Employer contributions 12.305% x \$19,692,958 =	\$ 1,793,044 2,423,218
	_,1_0,_10
Total Contributions	\$ 4,216,262
DEFICIT:	
Anticipated additional payout	\$ 45,174,969
Less total contributions	4,216,262
Subtotal unfunded debt	40,958,707
Less current year appropriation	4,440,300
TOTAL DEFICIT (overpayment)*	\$ 36,518,407

^{*} NOTE: Actuarial factors used for sick leave calculations changed effective July 1, 1998. Sick leave deficits are amortized over 20 year periods.

