TOTAL ACTIVE MEMBERS IN VALUATION JUNE 30, 2013
BY ATTAINED AGE AND YEARS OF SERVICE

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20	291							291	$ 1,048,663
20-24	1,888	17						1,905	35,217,174
25-29	4,491	1,175	11					5,677	178,830,369
30-34	3,076	3,640	774	7				7,497	259,839,469
35-39	2,791	2,613	2,576	610	1			8,591	310,014,544
40-44	2,611	2,634	2,130	2,317	546	2		10,240	385,914,727
45-49	1,856	2,164	1,842	1,691	1,715	528	1	9,797	369,752,573
50-54	1,702	1,845	1,762	1,689	1,422	1,594	58	10,072	376,346,629
55-59	1,395	1,432	1,374	1,443	1,486	977	102	8,209	295,395,779
60	252	267	237	234	299	187	18	1,494	53,004,773
61	224	259	192	225	227	203	13	1,343	48,492,195
62	222	232	175	180	209	163	20	1,201	41,113,813
63	190	183	134	145	153	119	11	935	31,467,158
64	151	176	107	101	102	112	12	761	24,278,938
65	187	149	87	76	100	73	13	685	20,351,057
66	154	108	68	33	29	38	6	436	10,843,017
67	120	108	35	19	14	15	2	313	6,668,348
68	132	64	28	11	10	8	3	256	4,946,900
69	94	52	16	7	1	1	2	173	2,864,237
70 & Up	369	280	95	17	8	14	1	784	11,024,671
Totals	**22,196**	**17,398**	**11,643**	**8,805**	**6,322**	**4,034**	**262**	**70,660**	**$2,467,415,034**

This schedule does not include T-DROP members or retirees who returned to work.

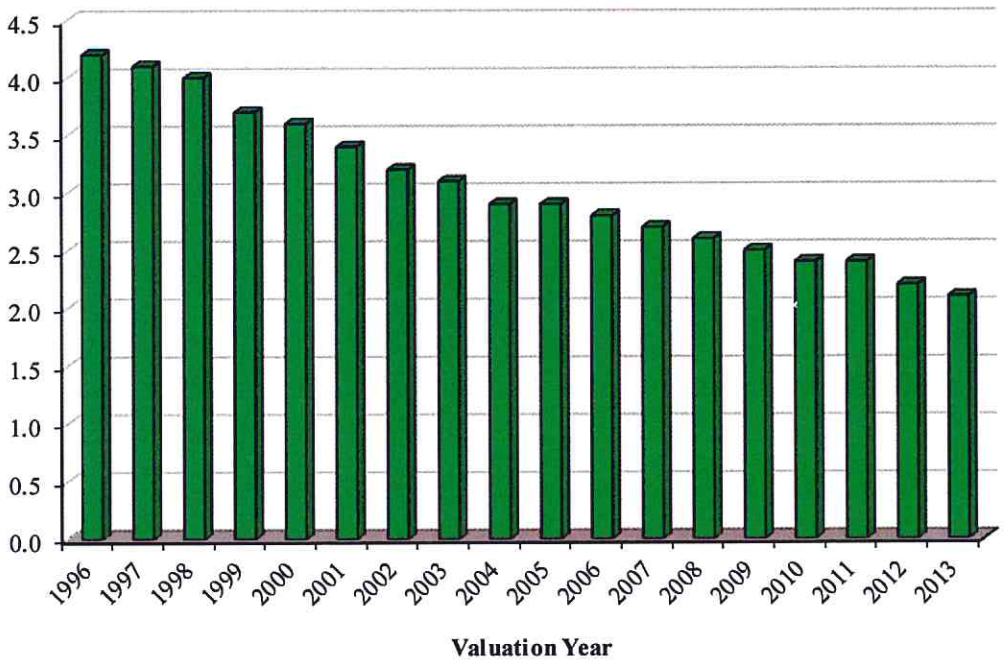
Group Averages:
Age: 45.0 years
Service: 10.2 years

ANNUITIES BEING PAID RETIREES AND BENEFICIARIES JULY 1, 2013
BY TYPE OF ANNUITY BEING PAID

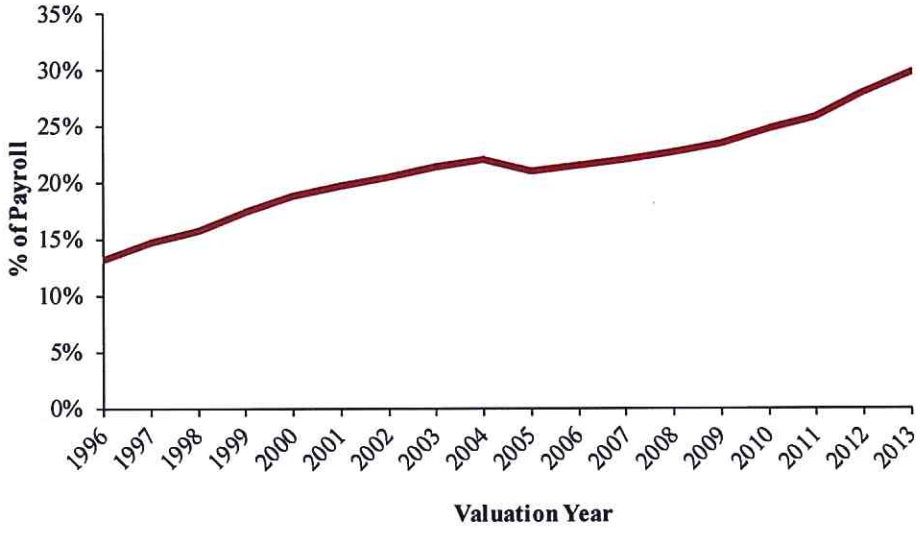
Type of Annuity	No.	Annual Amounts		
		Original Annuities	Base Annuities	Current Annuities
RETIREMENT RESERVE ACCOUNT				
Age & Service				
Option 1 (Basic single life)	25,200	$ 356,544,245	$ 479,326,673	$ 533,159,118
Option A (Joint & 100% Survivor)	3,797	62,149,229	76,973,949	85,562,892
Option B (Joint & 50% Survivor)	2,039	43,397,552	56,074,927	62,428,959
Option C (10-year certain)	745	11,581,432	12,937,694	14,319,267
Beneficiaries	822	12,510,511	14,330,011	16,019,797
Totals	32,603	486,182,969	639,643,254	711,490,033
Disability				
Option 1	1,976	18,484,214	24,801,823	27,461,902
Option A	314	3,240,672	3,841,308	4,227,825
Option B	78	1,005,069	1,250,440	1,382,037
Option C	62	537,230	563,027	623,594
Beneficiaries	300	2,972,389	3,943,549	4,403,017
Totals	2,730	26,239,574	34,400,147	38,098,375
Act 793	211	1,249,974	2,196,299	2,196,299
Totals	35,544	513,672,517	676,239,700	751,784,707
SURVIVOR'S BENEFIT ACCOUNT				
Beneficiaries of Deceased Members	632	5,704,975	7,663,423	8,491,667
ACT 808				
Act 808	78	1,384,760	3,484,853	3,484,853
RETIREMENT SYSTEM TOTALS				
Total Annuities Being Paid	36,254	$ 520,762,252	$ 687,387,976	$ 763,761,227

The Original Annuity is the annuity at the date of retirement.
The Base Annuity is the amount from which the 3.0% COLA is calculated.
The Current Annuity is the annuity payable at July 1, 2013.

Active Members Per Retired Life *



Retirement Benefits Being Paid as a Percent of Member Payroll *



** Beginning with the June 30, 2011 valuation, active members include T-DROP participants and payroll.*

BENEFIT CHANGES DURING RECENT YEARS OF RETIREMENT & RELATED CHANGES IN PURCHASING POWER (1980 $)

Year Ended June 30	Increase Beginning of Year	Benefit Dollars in Year*	Inflation (Loss) in Year#	Purchasing Power at Year End	
				1980 $	% of 1980
1980	- - - -	$ 5,000	- - - -	$ 5,000	100%
1981	$ 75	5,075	(9.6)%	4,632	93%
1982	152	5,227	(7.1)%	4,456	89%
1983	152	5,379	(2.6)%	4,471	89%
1984	431	5,810	(4.2)%	4,633	93%
1985	438	6,248	(3.7)%	4,802	96%
1986	509	6,757	(1.7)%	5,103	102%
1987	197	6,954	(3.7)%	5,067	101%
1988	400	7,354	(3.9)%	5,154	103%
1989	503	7,857	(5.1)%	5,236	105%
1990	497	8,354	(4.7)%	5,319	106%
1991	230	8,584	(4.7)%	5,220	104%
1992	762	9,346	(3.1)%	5,513	110%
1993	792	10,138	(3.0)%	5,806	116%
1994	820	10,958	(2.5)%	6,123	122%
1995	303	11,261	(3.0)%	6,107	122%
1996	303	11,564	(2.8)%	6,103	122%
1997	1,657	13,221	(2.3)%	6,821	136%
1998	1,214	14,435	(1.7)%	7,324	146%
1999	323	14,758	(2.0)%	7,344	147%
2000	1,039	15,797	(3.7)%	7,583	152%
2001	1,220	17,017	(3.2)%	7,907	158%
2002	672	17,689	(1.1)%	8,132	163%
2003	468	18,157	(2.1)%	8,174	163%
2004	468	18,625	(3.3)%	8,120	162%
2005	468	19,093	(2.5)%	8,118	162%
2006	468	19,561	(4.3)%	7,973	159%
2007	468	20,029	(2.7)%	7,950	159%
2008	468	20,497	(5.0)%	7,747	155%
2009	468	20,965	1.4 %	8,038	161%
2010	629	21,594	(1.1)%	8,193	164%
2011	648	22,242	(3.6)%	8,149	163%
2012	648	22,890	(1.7)%	8,249	165%
2013	648	23,538	(1.8)%	8,336	167%
2014	648	24,186			

* *The $5,000 benefit used to begin this schedule is an arbitrary amount. A smaller beginning amount would show a smaller purchasing power loss in percent loss.*

\# *Based on Consumer Price Index, All Urban Consumers, United States City Average (June values).*

BENEFIT CHANGES DURING RECENT YEARS OF RETIREMENT & RELATED CHANGES IN PURCHASING POWER (1990 $)

Year Ended June 30	Increase Beginning of Year	Benefit Dollars in Year*	Inflation (Loss) in Year#	Purchasing Power At Year End	
				1990 $	% of 1990
1990	- - - -	$ 5,000	- - - -	$ 5,000	100%
1991	$ 150	5,150	(4.7)%	4,919	98%
1992	457	5,607	(3.1)%	5,195	104%
1993	475	6,082	(3.0)%	5,471	109%
1994	492	6,574	(2.5)%	5,770	115%
1995	182	6,756	(3.0)%	5,755	115%
1996	182	6,938	(2.8)%	5,751	115%
1997	330	7,268	(2.3)%	5,889	118%
1998	667	7,935	(1.7)%	6,324	126%
1999	177	8,112	(2.0)%	6,340	127%
2000	849	8,961	(3.7)%	6,756	135%
2001	826	9,787	(3.2)%	7,143	143%
2002	387	10,174	(1.1)%	7,346	147%
2003	270	10,444	(2.1)%	7,385	148%
2004	270	10,714	(3.3)%	7,337	147%
2005	270	10,984	(2.5)%	7,336	147%
2006	270	11,254	(4.3)%	7,205	144%
2007	270	11,524	(2.7)%	7,185	144%
2008	270	11,794	(5.0)%	7,002	140%
2009	270	12,064	1.4 %	7,265	145%
2010	362	12,426	(1.1)%	7,405	148%
2011	373	12,799	(3.6)%	7,366	147%
2012	373	13,171	(1.7)%	7,456	149%
2013	373	13,544	(1.8)%	7,535	151%
2014	373	13,917			

* *The $5,000 benefit used to begin this schedule is an arbitrary amount. A smaller beginning amount would show a smaller purchasing power loss in percent loss.*

\# *Based on Consumer Price Index, All Urban Consumers, United States City Average (June values).*

BENEFIT CHANGES DURING RECENT YEARS OF RETIREMENT & RELATED CHANGES IN PURCHASING POWER (2000 $)

Year Ended June 30	Increase Beginning of Year	Benefit Dollars in Year*	Inflation (Loss) in Year#	Purchasing Power At Year End	
				2000 $	% of 2000
2000	$ - - - -	$ 5,900	- - - -	$5,900	100%
2001	177	6,077	(3.2)%	5,886	100%
2002	252	6,329	(1.1)%	6,065	103%
2003	179	6,508	(2.1)%	6,108	104%
2004	179	6,687	(3.3)%	6,078	103%
2005	179	6,867	(2.5)%	6,086	103%
2006	179	7,046	(4.3)%	5,987	101%
2007	179	7,225	(2.7)%	5,978	101%
2008	179	7,404	(5.0)%	5,834	99%
2009	179	7,583	1.4 %	6,061	103%
2010	228	7,811	(1.1)%	6,178	105%
2011	234	8,045	(3.6)%	6,145	104%
2012	234	8,280	(1.7)%	6,221	105%
2013	234	8,514	(1.8)%	6,286	107%
2014	234	8,748			

* *The $5,900 benefit used to begin this schedule is an arbitrary amount. A smaller beginning amount would show a smaller purchasing power loss in percent loss.*

\# *Based on Consumer Price Index, All Urban Consumers, United States City Average (June values).*