

***Arizona Elected Officials'  
Retirement Plan***

*Actuarial Valuation as of June 30, 2004*

October 19, 2004

The Fund Manager  
Arizona Elected Officials' Retirement Plan  
Phoenix, Arizona

Re: Arizona Elected Officials' Retirement Plan

This report contains the consolidated results of the June 30, 2004 actuarial valuation of the Arizona Elected Officials' Retirement Plan. The valuation determines the 2005-2006 Fiscal Year employer contribution requirements and the June 30, 2004 actuarial present values associated with the Plan.

Participant data was provided by your Administrator. This data has been reviewed for reasonableness, but no attempt has been made to audit such information. Financial information was taken from the June 30, 2004 information submitted by your Administrator.

The valuation was made in accordance with generally accepted actuarial principles and practices. The demographic valuation assumptions are the same as those used for the June 30, 2003 valuation. The assumed rates of investment return and inflation have been decreased 0.25%, as adopted by the Fund Manager. The actuarial assumptions used in the valuation are reasonably related to the past experience of the Plan and represent reasonable expectations of long-term future experience under the Plan.

Respectfully submitted,



Sandra W. Rodwan  
Member, American Academy of Actuaries

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***Section One:***  
***Valuation Summary***



### **Purpose of Valuation**

The purpose of the annual actuarial valuation of the Arizona Elected Officials' Retirement Plan as of June 30, 2004 is to:

- ❖ Compute the liabilities associated with benefits likely to be paid on behalf of current retired and active members. This information is contained on page 9.
- ❖ Compare accrued assets with accrued liabilities to assess the funded condition. This information is contained on pages 6 and 7.
- ❖ Compute the employers' recommended contribution rate for the Fiscal Year beginning July 1, 2005. This information is contained on page 4.

This objective is stated in Article 4, Chapter 5, Title 38, Sections 843B and 848N of the Arizona Revised Statutes.

### **Liabilities and Funded Condition of Retirement Plan**

Accrued liabilities of the Retirement Plan as of June 30, 2004, were computed to be \$328,920,980. The funding value of accrued assets was \$343,375,639. The ratio of the funding value of accrued assets to accrued liabilities was 104.4%.

### **Funding Value of Assets**

A smoothed market value of assets was used for the June 30, 2004 valuation. This method spreads the difference between actual and expected investment return over seven years. Prior to the June 30, 2003 valuation, the difference was spread over four years.

### **Computed Contribution Rate**

The normal cost contribution rate was computed to be 29.17% of member payroll. Deducting member contributions of 7.00% of payroll resulted in an aggregate employer normal cost of 22.17% of payroll.

The excess of accrued assets over accrued liabilities produced a temporary 20-year amortization credit of (1.63)% of payroll. The aggregate net employer contribution for FY 2005/2006 was therefore computed to be 20.54% of payroll.

### Retirement Plan Experience

Experience of the Retirement Plan during the year ended June 30, 2004 was less favorable than assumed. Investment income was the primary source of unfavorable experience.

### Assumption and Method Changes

The assumed rate of investment return was decreased to 8.75% from 9.0%, and the assumed rate of inflation was decreased to 5.25% from 5.5%, as adopted by the Fund Manager. There were no changes in methods.

### Participant Data

	<u>6/30/2004</u>	<u>6/30/2003</u>
Active Members	767	751
Active Member Payroll	\$50,624,413	\$49,350,925
Retirees and Beneficiaries	730	709
Annual Pensions	\$23,854,186	\$22,308,359

### Financial Data

	<u>6/30/2004</u>	<u>6/30/2003</u>
Smoothed Valuation Assets	\$371,093,890*	\$372,055,070 *
Market Value of Assets	\$295,932,093	\$269,610,597

*\*The net smoothed value of assets used for the valuation after deducting the Future Benefit Increase Reserve was \$343,375,639 in 2004 and \$353,463,170 in 2003.*

## Comments, Recommendations and Conclusion

**Comment 1:** The experience of the Retirement Plan during the year ended June 30, 2004, was less favorable than expected based upon the long-term assumptions. The market rate of return was favorable for the year. However, the recognized rate of investment return based on the smoothed market value reflects the unfavorable market conditions over prior years, and was the primary source of negative experience. The increase in the computed employer contribution rate and the decrease in the funded ratio are primarily attributable to this experience. The rate of early retirements also contributed to the unfavorable experience.

**Comment 2:** The funding of the Arizona Elected Officials' Retirement Plan continues to be ahead of schedule, largely as a result of favorable investment returns from prior years. It is important to note that the funding credit is not expected to continue indefinitely and is likely to become nonexistent over the next several years. **For long-term budgeting, the employer normal cost should be viewed as the minimum annual cost.** The employer normal cost has been computed to be 22.17% of payroll.

**Comment 3:** The smoothed market value used for the valuation spreads differences between the assumed and actual investment return over 7 years. In the absence of actual investment return well in excess of the assumed rate or significant favorable experience in other risk areas, the employer contribution rate will continue to increase over the short term.

**Conclusion:** The accrued actuarial condition of the Retirement Plan continues to be excellent.

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***Section Two:***  
***Actuarial Calculations –  
Funding***





**Contribution Requirements – 2005/2006 Fiscal Year**

**Member:** 7.00% of covered compensation

**Employer:** The computed contribution rate was 20.54% of covered compensation, consisting of 22.17% for normal cost, (1.63)% for amortization of unfunded actuarial accrued liability\*.

**Components of Computed Normal Cost**

	<b>Percents of Covered Compensation</b>
Normal cost requirement	
Service pensions	23.95%
Disability pensions	1.31
Survivors of active members	1.62
Refunds of members' accumulated contributions	0.59
Health insurance	<u>1.70</u>
Total normal cost requirement	29.17%
Less member contribution	<u>7.00</u>
Employer normal cost requirement	22.17%

*\*Actuarial accrued liability, \$328,920,980, was exceeded by the funding value of accrued assets, \$343,375,639. The excess was amortized over 20 years and applied as a credit to the computed employer normal cost.*

In past years, the experience of the Retirement Plan was significantly more favorable than assumed based on the long-term assumptions. This resulted in the credit which partially offsets the normal cost which otherwise would be payable. The normal cost should be viewed as the long-term ongoing cost, and should be seen as the minimum contribution requirement over the long term.

**Computed Employer Contribution Requirements**

<b>Valuation Date: <u>June 30</u></b>	<b><u>Normal Cost</u></b>	<b><u>Unfunded Actuarial Accrued Liability</u></b>	<b><u>Total</u></b>
1985	11.64%	(0.52)%	11.12%
1990	15.54	1.29	14.25
1995	16.22	(1.46)	14.76
1996	16.33	(3.69)	12.64
1997	16.48	(7.58)	8.90
1998	16.26	(6.04)	10.22
1999	16.49	(7.55)	8.94
2000	16.69	(9.72)	6.97
2001	21.00	(13.45)	7.55
2002	22.65	(9.16)	13.49
2003	21.12	(6.58)	14.54
<b>2004</b>	<b>22.17</b>	<b>(1.63)</b>	<b>20.54</b>

**Actuarial Accrued Liability**

The total contribution is made up of two parts, the normal cost and the amortization of the unfunded actuarial accrued liability. The Legislature has established a policy of amortizing, or funding, the unfunded actuarial accrued liability over an open period of 20 years.

The valuation assets exceed the actuarial accrued liability by \$14,454,659 as of June 30, 2004.

	<b>June 30, 2004</b>
Actuarial Accrued Liability	
Retired members and survivors	\$214,647,023
Former members with vested benefits	3,928,095
Active members	<u>110,345,862</u>
Total	\$328,920,980
 Valuation Assets*	 \$343,375,639
 Unfunded Actuarial Accrued Liability	 \$(14,454,659)

*\* This amount excludes the \$27,718,251 in investment income reserve held for future pension increases pursuant to state statute.*

**History of Assets and Accrued Liabilities**

<b>Valuation Date <u>June 30</u></b>	<b>Valuation <u>Assets</u></b>	<b>Actuarial Accrued <u>Liabilities</u></b>	<b>Funded <u>Ratio</u></b>	<b>Unfunded Actuarial Accrued <u>Liabilities</u></b>	<b>Financing <u>Period</u></b>
1985	\$ 49,900	\$ 48,969	101.9%	\$ (931)	37
1990	92,421	100,433	92.0	8,012	32
1995	159,111	149,366	106.5	(9,745)	27
1996	181,754	158,126	114.9	(23,628)	26
1997	214,035	169,593	126.2	(44,442)	20
1998	241,884	199,662	121.1	(42,222)	20
1999	283,337	227,100	124.8	(56,237)	20
2000	329,777	253,478	130.1	(76,299)	20
2001	355,768	250,987	141.7	(104,781)	20
2002	351,349	279,947	125.5	(71,402)	20
2003	353,463	297,892	118.7	(55,572)	20
<b>2004</b>	<b>343,376</b>	<b>328,921</b>	<b>104.4</b>	<b>(14,455)</b>	<b>20</b>

*Dollar amounts in \$000.*

**Results shown throughout this report for years prior to 2001 were prepared by the previous actuarial firm.**

**Aggregate Gain/Loss**

	<b><u>Year Ended June 30, 2004</u></b>
(1) UAAL <sup>a</sup> at start of year	\$(55,571,906)
(2) Normal cost	14,848,962
(3) Funding method contributions	(10,966,971)
(4) Interest accrual	(4,826,783)
(5) Expected UAAL before changes	(56,516,698)
(6) Change from amendments	None
(7) Change from assumption revision*	6,000,000
(8) Expected UAAL after changes	(50,516,698)
(9) Actual UAAL	(14,454,659)
(10) Gain(Loss)	(36,062,039)
(11) Percent of AAL <sup>b</sup>	12.1%

\*Estimated

<sup>a</sup> Unfunded Actuarial Accrued Liability

<sup>b</sup> Actuarial Accrued Liability at beginning of year.

**Elected Officials' Retirement Plan****Aggregate Actuarial Balance Sheet June 30, 2004****Actuarial Assets**

Accrued Assets		
Member accumulated contributions	\$ 29,225,773	
Employer and benefit payment reserves	244,800,017	
Funding value adjustment	<u>97,068,100</u>	
Total accrued assets*		\$371,093,890
Prospective assets (computed value)		
Member contributions	25,321,492	
Employer normal costs	76,364,396	
Employer unfunded actuarial accrued liability	<u>(14,454,659)</u>	
Total prospective assets		<u>87,231,229</u>
Total Actuarial Assets		<u><u>\$458,325,119</u></u>

\* Includes \$27,718,251 reserve for payment of ad-hoc pension increases. The net funding value of assets is \$343,375,639.

**Actuarial Present Values (Liability)**

Pensions in payment status		
Service pensions	\$166,959,525	
Disability pensions	10,419,813	
Survivor pensions	26,923,090	
Health insurance	<u>10,344,595</u>	
Total benefit values		214,647,023
Prospective pension payments (future retirements)		207,889,538
Prospective health insurance payments (future retirements)		7,342,714
Prospective refunds of member contributions		727,593
Reserve for future pension increases		<u>27,718,251</u>
Total Actuarial Present Values (Liability)		<u><u>\$458,325,119</u></u>



***Section Three:***

***Retirement Plan  
Benefit Provisions***



## Summary of Plan Provisions Valued and/or Considered

**Normal Retirement (no reduction for age).** An elected official may retire upon meeting one of the following age and service requirements:

- ❖ Age 60 years with 25 or more years of credited service;
- ❖ Age 62 years with 10 or more years of credited service;
- ❖ Age 65 years with 5 or more years of credited service;

The amount of a normal retirement pension is four percent of average yearly salary multiplied by years of credited service. Maximum is 80 percent of average yearly salary. Effective July 17, 1994, average yearly salary is the elected official's highest average salary during a three-consecutive year period within the final 10 years of service. For elected officials whose membership commenced before July 17, 1994, average yearly salary will generally be final salary at termination of service.

Effective August 6, 1999, a member may retire at any age with 20 or more years of credited service, but a three-year average salary will be used in calculating benefits if none of the other regular retirement eligibility conditions are met.

**Early Retirement (reduction for age).** An elected official who is at least 50 years and has 10 or more years of credited service may retire before meeting an age and service requirement for normal retirement. The amount of an early retirement pension is computed by determining the amount of accrued normal retirement pension and then reducing the amount determined by three-twelfths of one percent for each month early retirement precedes the member's normal retirement age.

Effective August 6, 1999, a member with at least five years of credited service may retire early at any age. For those members who retire under this August 6, 1999 provision, their benefits are calculated using a three-year average salary, and the reduction for early retirement is capped at 30%.

**Vested Termination (deferred retirement).** An elected official with five or more years of credited service retains entitlement to a deferred pension upon ceasing to be an elected official if the official's accumulated contributions are left on deposit in the Retirement Plan. The amount of pension is determined in the same manner as a normal or early pension, whichever is applicable.

**Disability Retirement.** An elected official who becomes incapacitated for the duties of office may be retired by the Fund Manager. The amount of pension is 80 percent of three-year average salary if the elected official has at least 10 years of credited service, 40 percent of three-year average salary if the elected official has five but less than 10 years of credited service, and 20 percent of three-year average salary if the elected official has less than five years of credited service.



**Survivor Pensions.** Payable to the eligible beneficiary of a retired elected official or an active and inactive elected official. An eligible beneficiary is a surviving spouse who was married to the retired active or inactive elected official for at least two years; or, if there is no eligible spouse, a minor child. A surviving spouse's pension terminates upon death. A surviving child's pension terminates upon attainment of age 18 years, marriage, adoption or death, unless the child is a full time student under the age of 23 or was disabled prior to age 18. The amount of a surviving spouse's pension is 80% of the pension being paid the deceased retired elected official or the disability pension accrued by the deceased active elected official. The amount of a surviving child's pension is an equal share of the amount of a surviving spouse's pension.

**Other Terminations.** The elected official is paid a refund of accumulated member contributions, plus an additional amount if the member has at least five years of service credit. The amount is a percent of the member contribution amount, ranging from 25% to 100% (with at least 10 years of service credit).

**Post-Retirement Health Insurance Subsidy:** Payable on behalf of retired members and survivors who elect coverage provided by the state or participating employer. The amounts cannot exceed:

Member Only		With Dependents		
Not Medicare Eligible	Medicare Eligible	All Not Medicare Eligible	All Medicare Eligible	One With Medicare
\$150	\$100	\$260	\$170	\$215

Retired members or survivors who have between five and eight years of credited service are eligible for a proportionate share of the full subsidy.

**Elected Officials Contributions.** Seven percent of compensation.

**Employer Contributions.** A designated portion of court docket fees. Municipal employers contribute the computed normal cost rate plus a payment to amortize their unfunded actuarial accrued liability (UAAL) over a period not to exceed 20 years (a lump sum payment for UAAL is required for municipal employers entering after September 15, 1989). Pursuant to 1989 legislation, state and county employers contribute the difference between the actuarially determined contribution requirement and designated docket fees.



***Section Four:***

***Actuarial Assumptions  
And Methods***



**Summary of Valuation Assumptions**

***Economic Assumptions***

***Interest Rate:*** 8.75% (net of expenses)

***Salary Increases:*** 6.75% (5.25% inflation and 1.5% for other across-the-board increases).

***Demographic Assumptions***

***Non-Disability Mortality rates:*** 1971 Group Annuity Mortality Table Projected to 2000 (Male), female ages set back six years (first used for June 30, 1999 valuation).

***Disability Mortality Rates:*** 1971 Group Annuity Mortality Table Projected to 1984 (Male), female ages set back six years.

Sample Ages	Single Life Retirement Values							
	Non-Disability Table		Disability Table		Non-Disability Table		Disability Table	
	Present Value of \$100 Monthly For Life		Present Value of \$100 Monthly For Life		Future Life Expectancy (Years)		Future Life Expectancy (Years)	
	Men	Women	Men	Women	Men	Women	Men	Women
20					56.90	62.76	56.03	61.88
25					52.02	57.88	51.16	57.00
30					47.16	53.00	46.32	52.13
35					42.33	48.13	41.50	47.28
40	\$13,277	13,642	\$13,204	\$13,591	37.55	43.30	36.73	42.46
45	12,845	13,349	12,748	13,280	32.84	38.50	32.06	37.68
50	12,293	12,941	12,170	12,850	28.32	33.77	27.57	32.98
55	11,607	12,413	11,458	12,296	24.02	29.21	23.33	28.45
60	10,744	11,756	10,571	11,612	19.94	24.86	19.32	24.16
65	9,686	10,932	9,498	10,764	16.13	20.74	15.59	20.10
70	8,487	9,912	8,302	9,727	12.73	16.86	12.30	16.31
75	7,255	8,732	7,092	8,545	9.86	13.37	9.54	12.92
80	5,986	7,508	5,854	7,339	7.44	10.40	7.22	10.06
85	4,879	6,231	4,789	6,092	5.61	7.87	5.48	7.64
90	3,939	5,085	3,891	4,986	4.24	5.93	4.18	5.79

**Termination of Employment:** Service-related rates for first five years of employment and age-related rates after first five years of employment. The sample rates are as follows:

Sample Ages	Years of Service	Percent of Active Members	
		Separating Within the Year	Disabled Within the Year
All	0	8.0%	(all years of service)
	1	8.0	
	2	8.0	
	3	8.0	
	4	8.0	
25	5 and over	6.0	0.04%
30		6.0	0.04
35		6.0	0.04
40		6.0	0.10
45		6.0	0.13
50		6.0	0.25
55		6.0	0.45
60	6.0	6.0	0.71

**Retirement Rates:** Age-related rates based on the following schedule:

**Percent of Active Members Retiring within Year  
Following Attainment of Indicated Retirement Age**

Age	Percent of Active Members Retiring During Next Year
45	8%
46	8
47	8
48	8
49	8
50	8
51	8
52	8
53	8
54	8
55	5
56	5
57	5
58	5
59	5
60	15
61	10
62	25
63	15
64	10
65	20
66	20
67	20
69	20
69	20
70	100

Active members are eligible to retire early at any age with 5 years of service, or normally at any age with 20 years of service, at 62 with 10 years of service, or age 65 with 5 years of service. The probability of retiring during each future year is 20% for those members who become eligible for normal retirement under the 20 years of service eligibility condition. Pensions were assumed to be decreased 3/12 of 1% for each month the age at early retirement precedes normal retirement age, with a maximum reduction of 30%.

These rates adopted by the Fund Manager, as recommended by the Plan's actuary, were first used for the June 30, 1999 valuation.

### **Actuarial Method Used for the Valuation**

**Normal Cost.** Normal cost and the allocation of actuarial present values between service rendered before and after the valuation date were determined using an individual entry age actuarial cost method having the following characteristics:

- ❖ The annual normal costs for each individual active member, payable from date of hire to date of retirement, are sufficient to accumulate the value of the member's benefit at the time of retirement;
- ❖ Each annual normal cost is a constant percentage of the member's year-by-year projected covered pay.

**Actuarial Accrued Liability.** The actuarial accrued liability allocated to service rendered prior to the valuation date, including experience gains and losses, was computed using the assumptions summarized in this report. Accrued valuation assets were subtracted from the computed actuarial accrued liability. Any unfunded amount was amortized as level percent of payroll over an open period of 20 years. If accrued valuation assets exceed the actuarial accrued liability, the excess is amortized over an open period of 20 years and applied as a credit to reduce the normal cost which otherwise would be payable.

Active member payroll was assumed to increase 6.75% annually for the purpose of computing the amortization payment (credit) as a level percent of payroll.



***Section Five:***  
***Valuation Data***



## Derivation of Funding Value of Pension Fund Assets

Values as of June 30

	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>
<b>Beginning of Year</b>					
(1) Book Value	\$258,049,796	\$285,234,761	\$293,478,357	\$288,376,999	\$247,792,779
(2) Market Value	359,492,061	402,244,021	326,159,456	265,566,711	269,610,597
(3) Funding Value	323,818,901	376,685,296	390,203,914	374,748,866	372,055,070
<b>End of Year</b>					
(4) Market Value	402,244,021	326,159,456	265,566,711	269,610,597	295,932,093
(5) Net Addition to Assets, Exc. Inv. Income	(4,155,300)	(9,024,757)	(12,370,568)	(14,036,874)	(13,028,846)
(6) Total Net Investment Income = (4) - (2) - (5)	46,907,260	(67,059,808)	(48,222,177)	18,080,760	39,350,342
(7) Projected Net Rate of Return	9.00%	9.00%	9.00%	9.00%	9.00%
(8) Projected Investment Income = (7) x [(3) + .5 x (5)]	28,956,713	33,495,563	34,561,677	33,095,739	32,898,658
(9) Investment Income in Excess of Proj.	17,950,547	(100,555,371)	(82,783,854)	(15,014,979)	6,451,684
(9a) Allocation to Future Benefit Increase Reserve (FBIR) (Actual)	5,216,866	-	-	-	-
(9b) Allocation to Funding Value of Assets ((9) - (9a))	12,733,681	(100,555,371)	(82,783,854)	(15,014,979)	6,451,684
(10) Excess Investment Income Recognized *					
(10a) From Current Year =(9b)/7 in 2003 and after	3,183,420	(25,138,843)	(20,695,964)	(2,144,997)	921,669
(10b) From One Year Prior	5,005,230	3,183,420	(25,138,843)	(10,347,982)	(2,144,997)
(10c) From Two Years Prior	5,998,005	5,005,230	3,183,420	(10,055,537)	(10,347,982)
(10d) From Three Years Prior	8,661,461	5,998,005	5,005,230	795,855	(10,055,537)
(10e) From Four Years Prior					795,855
(10f) From Five Years Prior					
(10g) From Six Years Prior					
(10h) From Seven Years Prior					
(11) Change in Funding Value =(5) + (8) + (9a) + (10) [a...h]	52,866,395	13,518,618	(15,455,048)	(2,693,796)	(961,180)
<b>End of Year Values</b>					
(12) Book Value	285,234,761	293,478,357	288,376,999	247,792,779	246,307,539
(4) Market Value	402,244,021	326,159,456	265,566,711	269,610,597	295,932,093
(13) Preliminary Funding Value (3) + (11)	376,685,296	390,203,914	374,748,866	372,055,070	371,093,890
(14) Future Benefit Increase Reserve	46,908,586	34,436,162	23,400,088	18,591,900	27,718,251
(15) Funding Value (13) - (14)	329,776,710	355,767,752	351,348,778	353,463,170	343,375,639
(16) Funding Value Adjustment (15) - (12)	44,541,949	62,289,395	62,971,779	105,670,391	97,068,100

\*Four year recognition through June 30, 2002. Beginning with the June 30, 2003 valuation, seven year recognition was used for the current year. The remaining amount from the prior year is recognized over 6 years, from the second prior year over 5 years, from the third prior year over 4 years, from the fourth prior year over 3 years, from the fifth prior year over 2 years, and from the sixth prior year over 1 year.



## Participant Summary

**Summary of Retired Members and Survivors  
June 30, 2004**

<b>Pensions Being Paid</b>	<b>Number</b>	<b>Annual Pensions</b>	<b>Average Pensions</b>
Retired Members			
Service Pensions	565	\$19,112,247	\$33,827
Disability Pensions	20	1,163,272	58,164
Totals	585	20,275,519	34,659
Survivors			
Spouses	144	3,546,927	24,631
Children with Guardians*	1	31,740	31,740
Totals	145	3,578,667	24,680
<b>Total Pensions Being Paid</b>	<b>730</b>	<b>\$23,854,186</b>	<b>\$32,677</b>

**Averages**

	<b>Average Age</b>	<b>Average Service</b>	<b>Average Retirement Age</b>
	<b>(Years)</b>	<b>(Years)</b>	<b>(Years)</b>
Service Retired Members	69.2	14.4	61.1
Disability Retired Members	67.3	12.4	58.7
Spouse Beneficiaries	73.9	13.6	58.5

**Summaries of Retired Members and Survivors  
June 30, 2004  
Tabulated by Attained Age of Recipient**

Attained Age	Service		Disability		Survivors		Totals	
	No.	Annual Pensions	No.	Annual Pensions	No.	Annual Pensions	No.	Annual Pensions
Children w/ Guardians		\$ -		\$ -	1	\$31,740	1	\$ 31,740
30-34	1	3,615					1	3,615
35-39	2	12,097					2	12,097
40-44	4	61,159					4	61,159
45-49	9	259,997			1	19,187	10	279,184
50-54	29	902,317			7	263,539	36	1,165,856
55-59	54	2,153,512	2	154,436	12	294,801	68	2,602,749
60-64	72	2,795,820	4	188,143	7	259,412	83	3,243,375
65-69	100	3,496,941	7	474,167	23	507,874	130	4,478,982
70-74	118	4,634,211	4	202,136	17	618,719	139	5,455,066
75-79	87	2,626,136	3	144,390	24	561,583	114	3,332,109
80 and Over	89	2,166,442			53	1,021,812	142	3,188,254
<b>Total</b>	<b>565</b>	<b>\$19,112,247</b>	<b>20</b>	<b>\$1,163,272</b>	<b>145</b>	<b>\$3,578,667</b>	<b>730</b>	<b>\$23,854,186</b>

## Pensions Being Paid

<b>Valuation Date June 30</b>	<b>No.</b>	<b>Annual Pensions</b>	<b>% Incr. in Annual Pensions</b>	<b>Average Pension</b>	<b><u>Present Value of Pensions</u></b>	
					<b>Total</b>	<b>Average</b>
1985	247	\$ 2,142,900		\$ 8,676	\$ 16,396,272	\$ 66,382
1990	343	4,830,529	14.0%	14,083	38,245,692	111,503
1995	466	9,005,617	13.5	19,325	73,796,676	155,224
1996	472	9,567,636	6.2	20,270	77,021,628	163,181
1997	496	10,442,249	9.1	21,053	84,334,344	170,029
1998	513	11,143,500	6.7	21,722	88,885,866	173,267
1999	547	13,122,722	17.8	23,990	107,153,382	195,893
2000	589	15,096,774	15.0	25,631	124,211,110	210,885
2001	647	17,729,482	17.4	27,403	147,901,899	228,596
2002	659	19,606,416	10.6	29,752	164,670,150	249,879
2003	709	22,308,359	13.8	31,465	183,882,540	259,355
<b>2004</b>	<b>730</b>	<b>23,854,186</b>	<b>6.9</b>	<b>32,677</b>	<b>204,302,428</b>	<b>279,866</b>

## Active Members Included in Valuation

### Historical Schedule

Valuation Date	Active Members	Valuation Payroll (+000)	Average			
			Age (Yrs.)	Service (Yrs.)	Pay	% Increase in Avg. Pay
6-30-85	525	\$ 17,691	51.0	7.5	\$ 33,698	
6-30-90	624	25,776	52.0	8.0	41,307	0.1
6-30-95	725	30,324	51.7	7.5	41,826	0.2
6-30-96	684	29,967	52.0	7.8	43,913	5.0
6-30-97	726	33,896	52.0	7.5	46,688	6.3
6-30-98	713	40,441	52.4	7.9	56,719	21.5
6-30-99	709	43,087	52.6	7.7	60,771	7.1
6-30-00	720	45,382	53.0	8.0	63,030	3.7
6-30-01	737	48,669	52.4	7.2	66,037	4.8
6-30-02	738	48,729	52.9	7.0	66,029	0.0
6-30-03	751	49,351	53.0	7.6	65,714	(0.5)
<b>6-30-04</b>	<b>767</b>	<b>50,624</b>	<b>53.5</b>	<b>8.0</b>	<b>66,003</b>	<b>0.4</b>

**Active Members - June 30, 2004**  
**Age and Service Distribution**

Attained Age	Service							No.	Payroll
	0-4	5-9	10-14	15-19	20-24	25-29	Over 30		
25-29	8	1						9	\$ 199,601
30-34	13	3						16	487,688
35-39	20	7	1					28	1,606,220
40-44	37	22	4	1				64	4,346,849
45-49	50	42	16	3	2			113	8,283,149
50-54	64	60	32	18	4			178	14,037,011
55-59	61	40	36	24	5	1	2	169	11,800,708
60-64	27	36	23	11	4	4		105	6,173,895
65-69	13	14	9	9	9	1	1	56	2,613,539
70-74	5	2	4	5	1	1		18	770,529
75-79		6	2	1		1		10	302,824
80-84						1		1	2,400
<b>Totals</b>	<b>298</b>	<b>233</b>	<b>127</b>	<b>72</b>	<b>25</b>	<b>9</b>	<b>3</b>	<b>767</b>	<b>\$50,624,413</b>

**Group Averages:**

Age: 53.5 years  
Service: 8.0 years  
Annual Pay: \$66,003

**Inactive Members - June 30, 2004**  
**Age and Service Distribution**

<b>Attained Age</b>	<b>Service</b>						<b>No.</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>	
30-34	4	1					5
35-39	6	4					10
40-44	7	8	2				17
45-49	13	8	5	1			27
50-54	18	14	2	2			36
55-59	6	13	7	3			29
60-64	9	13	2	2		1	27
65-69		1	1				5
<b>Totals</b>	<b>63</b>	<b>62</b>	<b>19</b>	<b>8</b>		<b>1</b>	<b>156</b>

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***Section Six:***  
***Accounting Disclosures***



**GASB Statement No. 25 Supplementary Information**

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows:

Valuation Date:	June 30, 2004
Actuarial Cost Method:	Individual Entry Age
Amortization method:	Level percent open
Remaining amortization period:	20 years
Asset valuation method:	Smoothed market value
Actuarial assumptions:	
Investment rate of return	8.75%
Projected salary increases*	6.75%
* Includes inflation at	5.25%

Membership data as of June 30, 2004, is indicated in Section Five of this report.

**Analysis of Funding Progress**

<b>Valuation Date</b> <b><u>June 30</u></b>	<b>(1)</b> <b>Valuation Value of</b> <b><u>Assets</u></b>	<b>(2)</b> <b>Actuarial Accrued</b> <b><u>Liability</u></b>	<b>(3)</b> <b>Percent Funded</b> <b><u>(1)/(2)</u></b>	<b>(4)</b> <b>Unfunded AAL</b> <b><u>(2)-(1)</u></b>	<b>(5)</b> <b>Annual Covered</b> <b><u>Payroll</u></b>	<b>(6)</b> <b>UAAL</b> <b>As a %</b> <b>Of</b> <b><u>Covered</u></b> <b><u>Payroll</u></b>
1998	241,884,563	199,662,358	121.1	(42,222,205)	40,440,812	-
1999	283,336,906	227,100,114	124.8	(56,236,792)	43,086,578	-
2000	329,776,710	253,477,602	130.1	(76,299,108)	45,381,799	-
2001	355,767,752	250,987,205	141.7	(104,780,547)	48,669,464	-
2002	351,348,778	279,947,036	125.5	(71,401,742)	48,729,191	-
2003	353,463,170	297,891,264	118.7	(55,571,906)	49,350,925	-
<b>2004</b>	<b>343,375,639</b>	<b>328,920,980</b>	<b>104.4</b>	<b>(14,454,659)</b>	<b>50,624,413</b>	<b>-</b>



**Required Supplementary Information**  
**Schedule of Employer Contributions**

<b>Fiscal Year Ended June 30</b>	<b>Annual Required Contribution</b>	<b>Percent Contributed</b>
1992	\$4,941,470	100.0%
1993	5,555,890	100.0%
1994	5,224,545	100.0%
1995	4,886,479	100.0%
1996	4,934,939	100.0%
1997	3,668,144	100.0%
1998	3,941,018	100.0%
1999	4,126,694	100.0%
2000	3,851,940	100.0%
2001	3,163,111	100.0%
2002	3,656,604	100.0%
2003	3,755,629	100.0%
2004	6,976,772	100.0%
<b>2005</b>	<b>7,360,789</b>	

*Actual required contribution dollar amount will be based on the recommended contribution rate and the actual pensionable payroll for the period.*

**Trend Information**

<b>Fiscal Year Ended June 30</b>	<b>Annual Pension Cost</b>	<b>Percent Contributed</b>	<b>Net Pension Obligation</b>
1995	\$4,886,479	100.0%	\$0
1996	4,934,939	100.0%	\$0
1997	3,668,144	100.0%	\$0
1998	3,941,018	100.0%	\$0
1999	4,126,694	100.0%	\$0
2000	3,851,940	100.0%	\$0
2001	3,163,111	100.0%	\$0
2002	3,656,604	100.0%	\$0
2003	3,755,629	100.0%	\$0
<b>2004</b>	<b>6,976,772</b>	<b>100.0%</b>	<b>\$0</b>