MUNICIPAL FIRE AND POLICE RETIREMENT SYSTEM OF IOWA

ACTUARIAL VALUATION REPORT

July 1, 2003

PERSONAL & CONFIDENTIAL

Board of Trustees Municipal Fire and Police Retirement System of Iowa 2836 104th Street Des Moines, IA 50322

RE: July 1, 2003 Actuarial Report

Dear Board Members:

We are pleased to submit this actuarial report of the Municipal Fire and Police Retirement System of Iowa. The costs developed and presented in this report are based on asset values as of June 30, 2003, member census data as of July 1, 2003, and current System provisions, all of which were supplied by the Municipal Fire and Police Retirement System of Iowa.

The purposes of the actuarial report are:

- 1. To determine the normal contribution rate which is payable by the Cities under Chapter 411 of the Code of Iowa;
- 2. To determine the funded status of the System; and
- 3. To provide information relating to the disclosure requirements of the Governmental Accounting Standards Board (GASB) Statement No. 25 Financial Reporting for Defined Benefit Pension Plans.

All costs and liabilities were determined in accordance with generally accepted actuarial principles and procedures. To the best of our knowledge, the information supplied in this report is complete and accurate. The amounts presented in the accompanying report have been determined appropriately according to the actuarial assumptions and methods stated herein, and fully and fairly disclose the actuarial position of the System.

Sincerely,

SILVERSTONE GROUP

Donn B. Jones, FSA Principal Member of American Academy of Actuaries Enrolled Actuary No. 02-2717 Glen C. Gahan, FSA Principal Member of American Academy of Actuaries Enrolled Actuary No. 02-4875

ME/dm

Enclosure

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REPORT HIGHLIGHTS

This section compares results of the current and prior actuarial valuations. Additional supporting detail is available in other sections of the report. The Table of Contents on the prior page identifies the location of the supporting detail.

		As of July 1
	2002	2003
Cities Recommended Contribution	\$ 35,459,256	\$ 44,953,249
Normal Contribution Rate	20.48%	24.92%
Plan Assets		
Market Value	1,104,502,423	1,137,102,633
Actuarial Value	1,269,716,305	1,255,190,585
Investment Return		
Market Value	-2.8%	5.2%
Actuarial Value	2.1%	0.8%
Actuarial Present Value of Accrued Benefits		
Total Accrued Benefits	1,354,453,231	1,429,109,638
(Security Ratio)	(82%)	(80%)
Vested Accrued Benefits	1,283,546,962	1,370,031,971
(Security Ratio)	(86%)	(83%)
Annual Participating Payroll	173,140,899	180,390,246
Annual Pension Benefits		
Service Retirement	33,356,264	36,608,964
Disabled Retirement	23,930,203	25,314,936
Vested Retirement	1,516,706	1,726,320
Beneficiaries	9,604,582	10,266,336
Total	\$ 68,407,755	\$ 73,916,556
Number of Members		
Active	3,805	3,825
Retirees, Disabled & Beneficiaries	3,248	3,329
Vested Terminated	244	<u>253</u>
Total Participants	7,297	7,407

COMMENTS ON THE VALUATION

Cities Recommended Contribution

The recommended contributions for the Retirement System are determined using the Aggregate actuarial cost method as required by Chapter 411 of the Code of Iowa. The same method has been used in prior years to determine the contribution for the Retirement System.

We recommend a contribution of \$44,953,249 be made for the 2003 plan year. This is equal to a contribution rate of 24.92% of payroll. This rate assumes that the State of Iowa will contribute approximately \$2,816,189 for the 2003 plan year.

The Retirement System's normal contribution rate increased from the 20.48% for 2002 to 24.92% for 2003. The Retirement System's contribution rate before any adjustment to the minimum contribution rate changed as follows:

July 1, 2002 normal contribution rate	20.48%
 Increase in contribution rate due to lower State contribution 	0.07%
 Plan experience more favorable than assumed 	(0.12%)
 Asset investments less favorable than assumed 	4.49%
 Changes in System provisions 	0.00%
 Change in actuarial assumptions 	0.00%
Preliminary normal contribution rate	24.92%
• Increase necessary to meet minimum contribution rate	0.00%
July 1, 2003 normal contribution rate	24.92%

Actuarial Present Value of Accrued Benefits

The value of plan assets, the present value of vested accrued benefits, and the present value of accrued benefits are displayed and compared in this section of the report. Plan assets are valued at market value. The present value of vested accrued and accrued benefits is based on actuarial assumptions that anticipate the System will continue. Summarizing from this section of the report:

	Values as of	Funde	d Ratio
	July 1, 2003	2002	2003
Market Value of Plan Assets	\$1,137,102,633		
Actuarial Present Value:			
Accrued Benefits	1,429,109,638	82%	80%
Vested Accrued Benefits	1,370,031,971	86%	83%
Interest Rate		7.5%	7.5%

Changes in System Provisions

All System provisions remained unchanged from the prior valuation.

Change in Actuarial Assumptions

Beginning with the July 1, 1999 actuarial valuation, mortality improvements represented by published mortality tables will be phased in over the next several years. The July 1, 2003 actuarial valuation would normally reflect an additional one-year step in a plan to complete the phase-in of the 1994 Group Annuity Mortality Table by the July 1, 2010 actuarial valuation. However, the additional one-year step has been deferred based on the Mortality Table Assumption Policy described below. All actuarial assumptions remained unchanged from the prior valuation.

Mortality Table Assumption Policy

In November 1999, the Board of Trustees adopted a policy to phase into the 1994 Group Annuity Mortality Table consistent with the funding capacities of the sponsoring Cities. A multiple year phase-in to the 1994 Group Annuity Mortality Table was recommended. The phase-in period of the 1994 Group Annuity Mortality Table should range from 6 to 20 years measured from 1999.

Government Accounting Standards Board Disclosure

Measurements used to evaluate the funding status of the system are based on procedures set forth by GASB (Government Accounting Standards Board). In an effort to enhance the understandability and usefulness of the pension information that is included in the financial reports of pension plans for state and local governments, GASB has issued Statement No. 25—Financial Reporting for Defined Benefit Pension Plans.

GASB Statement No. 25 establishes a financial reporting framework for defined benefit plans. In addition to two required statements regarding plan assets, the statement requires two schedules, the Schedule of Funding Progress and Schedule of Employer Contributions, and accompanying notes disclosing information relative to the funded status of the plan and historical contribution patterns.

- The Schedule of Funding Progress is not required for systems which use the Aggregate Method to determine the Annual Required Contribution (ARC). Since the Retirement System uses the Aggregate Method to determine the ARC, this schedule has not been developed.
- The Schedule of Employer Contributions provides historical information about the Annual Required Contribution (ARC) and the percentage of the ARC that was actually contributed. For the Retirement System, the ARC is equal to the normal contribution rate multiplied by the covered payroll for the year or \$47,767,337 for 2003. This is the total ARC before any adjustment for minimum contribution rates or state contributions.

Covered Members

Ages of Active Members — The average age of the active members has remained stable. The average age of members included in the valuation was 39.8 for the current year and 39.8 in the prior year.

Service of Active Members — The average service of the active members has slightly decreased. The average service of members included in the valuation was 13.1 for the current year and 13.2 in the prior year.

Participating Compensation and Members — Total participating compensation increased from \$173,140,899 to \$180,390,246, a 4.2% increase. The number of active members increased from 3,805 in 2002 to 3,825 in 2003.

Average Annual Compensation — The average compensation of active members is more than the average compensation for the prior year. The average compensation was \$45,504 for 2002 and \$47,161 in 2003.

This section of the report provides information concerning the valuation of Retirement System assets and liabilities. The following is a brief description of the exhibits and of how the information is organized.

Retirement System Assets — Retirement System assets are amounts that have accumulated and will be used to meet future benefit obligations. In the Retirement System Assets exhibit, trust fund transactions reported by the system are traced from the prior valuation date to the current valuation date. In addition, the actuarial value of assets is developed based on the prescribed method

Retirement System Liabilities and Contributions — The recommended annual contribution is defined by the rate of contribution and covered payroll. The rate of contribution is determined by dividing the present value of unfunded future benefits by the present value of future payroll of all members. The Retirement System's contribution rate by statute may not be less than 17% of covered payroll. GASB Statement No. 25 defines a term, the Annual Required Contribution which is equal to the Cities contribution rate (prior to adjustment for minimum contribution rates or state contributions) multiplied by the covered payroll for the fiscal year.

Present Value of Accrued Benefits —Another objective of preparing the actuarial valuation is to evaluate the funding status of the Retirement System. A comparison of the market value of assets with the present value of accrued benefits is displayed for the current and prior year.

Retirement System Assets – Market Value

Year Ending June 30, 2003

		Market Value
Assets at June 30, 2002		\$1,104,502,423
Receipts:		
Member Contributions	\$ 15,871,489	
Cities Contributions	28,857,743	
State Contributions	2,816,189	
Investment Income	61,152,522	
Securities Lending Expenses	(572,434)	
Investment Management Expenses	(3,364,082)	
Other	104,078	
Total Receipts		\$ 104,865,505
Disbursements:		
Pensions Paid to Inactive Members	\$ (70,242,050)	
Termination Withdrawals	(928,154)	
Administrative Expenses	(987,421)	
Disability Expenses	(83,033)	
Other	(24,637)	
Total Disbursements		\$ (72,265,295)
Assets at June 30, 2003		\$1,137,102,633

Retirement System Assets – Actuarial Value

Year Ending June 30, 2003

1.	Actuarial Value of Assets at July 1, 2002	\$1,269,716,305
2.	Contributions for 2002 Plan Year (Members, Cities and State)	47,545,421
3.	Benefit distributions and refunds for 2002 plan year	(71,170,204)
4.	Noninvestment Expenses a. Administrative Expenses b. Disability Expenses c. Total	(987,421) (83,033) (1,070,454)
5.	Expected return on Assets for year at 7.5%	81,928,353
6.	Asset gains/(losses) for prior four plan years a. 2002 b. 2001 c. 2000 d. 1999 e. Total	(24,632,906) (117,544,199) (163,364,690) 18,506,450 (287,035,345)
7.	Asset gains/(losses) to be recognized, 25% x 6e.	(71,758,836)
8.	Actuarial Value of Assets at July 1, 2003 = $1 + 2 + 3 + 4c + 5 + 7$	\$1,255,190,585

Retirement System Liabilities and Contributions

		As of	•
Pr	esent Value of Unfunded Future Benefits	2002	2003
1.	Actuarial Present Value of all Future Benefits a. Active members		
	Service retirements	\$ 651,318,328	\$ 669,442,382
	Ordinary disability	77,063,255	80,045,258
	Accidental disability	206,065,306	214,179,002
	Ordinary death	23,961,003	24,885,118
	Accidental death	26,253,995	27,205,142
	Withdrawal	20,807,513	21,686,666
	Total Active	1,005,469,400	1,037,443,568
	b. Inactive members		
	Members receiving benefits	808,135,182	865,994,214
	Deferred vested terminations	21,953,039	22,553,192
	Refund of member contributions due	259,328	293,761
	Total Inactive	830,347,549	888,841,167
	c. Total Present Value of Future Benefits	1,835,816,949	1,926,284,735
2.	Actuarial Value of Plan Assets	1,269,716,305	1,255,190,585
3.	Actuarial Present Value of Future Member Contributions	168,232,608	175,131,086
4.	Present Value of Unfunded Future Benefits (1) - (2) - (3)	397,868,036	495,963,064
Determination of Preliminary Total Contribution			
5.	Present value of future payroll of all covered members	1,799,279,225	1,873,059,739
6.	Total (Cities plus State) normal contribution (4) ÷ (5)	22.11%	26.48%
7.	Covered payroll	173,140,899	180,390,246
8.	Preliminary total contribution from Cities and State (6) x (7)	38,281,453	47,767,337

Retirement System Liabilities and Contributions (continued)

Determination of Cities' Contribution

9. Estimated State Contribution	2,816,189	2,816,189
10. Estimated State Contribution as a percent of payroll (9) \div (7)	1.63%	1.56%
11. Preliminary Cities' Contribution (8) – (9)	35,465,264	44,951,148
12. Cities' contribution as a percent of payroll (11) ÷ (7)	20.48%	24.92%
13. Minimum required contribution rate for Cities	17.00%	17.00%
14. Cities' contribution (Greater of 12 or 13) x (7)	\$35,459,256	\$44,953,249

Actuarial Present Value of Accrued Benefits

			As of July 1	
			2002	2003
1.	Pres	sent value of vested accrued benefits		
	a.	Present value of vested accrued benefits for active members	\$453,199,413	\$481,190,804
	b.	Present value of benefits for terminated members	22,212,367	22,846,953
	c.	Present value of benefits being paid to retirees and beneficiaries	808,135,182	865,994,214
		Total	\$1,283,546,962	\$1,370,031,971
2.	Pres	sent value of accrued nonvested benefits	70,906,269	59,077,667
3.		sent value of all accrued benefits + (2)	\$1,354,453,231	\$1,429,109,638
4.	Mar	ket value of assets	\$1,104,502,423	\$1,137,102,633
5.		to of market value of assets to the present value II accrued benefits $(4) \div (3)$	82%	80%
6.		to of market value of assets to the present value ested accrued benefits $(4) \div (1)$	86%	83%

Change in Actuarial Present Value of Accrued Benefits

The change in actuarial present value of accrued benefits due to various factors including benefits accumulated, the passage of time, benefits paid, changes in assumptions and changes in System provisions is displayed below.

Actuarial present value of accrued benefits on July 1, 2002	\$1,354,453,231
Change in present value of accrued benefits from July 1, 2002 to July 1, 2003 due to:	
 Additional benefits accumulated Interest due to passage of time Benefits paid Change in assumptions Changes in System provisions 	\$ 46,863,253 98,963,358 (71,170,204) 0
Actuarial present value of accrued benefits on July 1, 2003	\$1,429,109,638

SYSTEM EXPERIENCE

During the plan year July 1, 2002 to June 30, 2003, actual experience differed from that expected by the actuarial assumptions, as summarized below.

Decrement Type	Expected	Actual
Actives		
Service Retirement	60	77
Accidental Disability	30	36
Ordinary Disability	14	6
Accidental Death	5	2
Ordinary Death	7	2
Withdrawal	79	82
Inactives		
Beneficiary Death	38	40
Disabled Death	35	27
Retirement Death	53	39
Vested Termination Death	1	0

Interest Rate 7.5%

Salary Increase Rate Rates varying based on age. Annual rates at sample

ages are displayed below:

Age	Rate
20	12.59%
25	8.67%
30	5.95%
35 or Over	4.50%

Mortality Rates

Pre-retirement Mortality

• Ordinary

Rates varying by age – Sample rates:

Age	Rate
20	0.06%
25	0.07
30	0.08
35	0.12
40	0.16
45	0.20
50	0.29
55	0.38
60	0.56
65	0.75

Accidental

Rates varying by age – Sample rates:

Age	Rate		
20	0.11%		
25	0.07		
30	0.06		
35	0.06		
40	0.06		
45	0.09		
50	0.24		
55	0.47		
60	0.75		
65	1.38		

Post-retirement Mortality

• Ordinary A weighting equal to 9/12 of the 1971 Group

Annuity Mortality Table, Male and Female and 3/12 of the 1994 Group Annuity Mortality Table,

Male and Female.

• Disabled A weighting equal to 9/12 of the 1971 Group

Annuity Mortality Table – Male, set forward six

years and 3/12 of the 1994 Group Annuity Mortality Table - Male, set forward six years.

Disability Rates

• Ordinary

Rates varying by age – Sample rates:

Age	Rate
20	0.12%
25	0.12
30	0.12
35	0.15
40	0.24
45	0.37
50	0.59
55	1.09
60	2.08
65	3.39

Accidental

Rates varying by age – Sample rates:

Age	Rate
20	0.11%
25	0.11
30	0.11
35	0.11
40	0.30
45	0.68
50	1.31
55	2.97
60	6.19
65	7.09

Turnover Rates

Rates varying by age - Sample rates:

Age	Rate
20	7.11%
25	5.81
30	4.51
35	2.71
40	1.08
45	0.20
50	0.20
55	0.00
60	0.00
65	0.00

Retirement Age

Rates varying by age – Sample rates:

Age	Rate
55 – 56	35 %
57 - 60	25
61	30
62	35
63	40
64	45
65	100 %

Administrative Expenses None assumed.

Percentage Married 85%

Spouses' Age Wives are three years younger than husbands.

Number of Children 2.5 per couple.

Participating Payroll Actual annualized earnable compensation

reported for prior plan year increased to the

current plan year based on the System's

assumed salary increase rate.

SUMMARY OF ACTUARIAL METHODS

Actuarial Cost Method

The Aggregate Actuarial Cost Method was used to determine recommended contributions. Using this method, the present value of projected benefits to be funded by future contributions is determined by subtracting the actuarial value of plan assets and the actuarial present value of future member contributions from the actuarial present value of projected benefits. This result, the present value of unfunded future benefits, is divided by the present value of future salaries of active members included in the valuation to determine a normal cost accrual rate. The normal cost accrual rate is multiplied by the total of current annual salaries of members in the valuation to determine the recommended contribution.

Using the Aggregate Method, gains and losses that arise due to actual experience are not directly determined and recognized each year. Gains and losses are included in the present value of unfunded future benefits and affect the normal cost accrual rate. As a result, gains and losses are spread over the remaining period to retirement of members in the valuation and are recognized as a portion of future annual contributions.

Actuarial Asset Valuation Method

The preliminary actuarial value is equal to the prior year's actuarial value (starting with the market value as of July 1, 1992) adjusted for contributions, disbursements and expected return on investments. The preliminary value is then increased by 25% of any investment gains or (losses) during the four prior plan years.

The System was first established, effective January 1, 1992, by Chapter 411 of the Code of Iowa by combining each city's fire retirement system and police retirement system into a single statewide retirement system for fire fighters and police officers. Plan amendments through July 1, 2003 are reflected in this summary.

Participation Each person who becomes a permanent full-time

police officer or fire fighter in a participating city.

Membership Service From date of employment to date of separation from

employment.

Earnable Compensation The annual compensation which a member receives

for services rendered as a police officer or fire fighter in the course of employment with a

participating City, except for amounts received for

overtime, meal or travel expenses, uniform allowances, fringe benefits, severance pay,

mandatory deferred compensation, and accumulated

sick leave or vacation pay.

Contributions

Members The following percentages of Earnable

Compensation:

Effective Date	Percentage
October 16, 1992	6.10%
July 1, 1993	7.10
July 1, 1994	8.10
January 1, 1995	8.35
July 1, 1995	9.35

Cities The amount actuarially determined necessary to

fund the benefits in accordance with accepted actuarial principles but not less than 17% of the Earnable Compensation of the active members.

State The annual appropriation from the State of Iowa to

fund benefits is about \$2,816,189 a year.

Average Final Compensation The average Earnable Compensation of the member

during the three years of service the member earned

their highest salary as a police officer or fire fighter.

Service Retirement Benefit

Eligibility After age 55 and completion of 22 years of service.

Benefit Monthly annuity equal to 66.0% of Average Final

Compensation plus 2.0% of Average Final

Compensation for each year of service in excess of 22 years (up to 8 additional years). The maximum benefit is 82.0% of Average Final Compensation.

Termination Benefit

Eligibility At least 4 years of service upon termination of

membership before age 55, or at least 4, but less than 22 years of service upon termination of

membership after age 55.

Benefit Monthly annuity payable at age 55 or current age, if

later, equal to 66.0% of Average Final

Compensation plus 2.0% of Average Final

Compensation for each year of service in excess of 22 years (up to 8 additional years), if any, times a ratio equal to service at termination divided by 22

(ratio not to exceed 1.0).

Effective July 1, 1990, members who terminate service, other than by death or disability, can elect to withdraw their accumulated contributions with interest in lieu of any benefits to which the member

may be entitled to from the System.

Ordinary Disability Benefit

Eligibility A member in good standing at any age and any

length of service.

Benefit Monthly annuity payable upon disability equal to either (a) or (b) below, but no less than (c):

(a) If service at disability is greater than or equal to 5, 50% of Average Final Compensation; or

(b) If service at disability is less than 5, 25% of Average Final Compensation;

(c) The benefit determined using the Service Retirement formula based on service and Average Final Compensation at the date of disability.

Accidental Disability Benefit

Eligibility A member in good standing at any age and any

length of service.

Benefit A monthly annuity equal to 60% of Average Final

Compensation but no less than the benefit

determined using the Service Retirement formula based on service and Average Final Compensation

at the date of disability.

Ordinary Death Benefit

Eligibility For members in service: any age and any length of

service.

For member not in service: 4 years of service.

Benefit Upon death of the member, either (a) or (b) below:

(a) A lump sum equal to 50% of Earnable Compensation during the last year of

employment; or

(b) A monthly annuity equal to 40% of average final compensation but not less than 20% of the average Earnable Compensation of an active member of the System, as reported by the actuary. For a member not in service, the monthly annuity is payable on the date the member would have reached age 55, except if there is a dependent child, it is paid immediately upon death of the member.

For each dependent child, an additional benefit equal to 6% of the average Earnable Compensation of an active member of the System, as reported by the actuary. This benefit is payable until the child reaches age 18 or 22 (if a full-time student) or payable for life if the child is disabled.

Accidental Death Benefit

Eligibility

Death from causes sustained in the line of duty.

Benefit

A monthly annuity equal to 50% of Average Final Compensation payable to surviving spouse, dependent child or dependent parents. In addition, a lump sum of \$100,000 is payable to the surviving spouse, dependent child or dependent parents if death is due to a traumatic personal injury incurred in the line of duty.

For each dependent child, an additional benefit equal to 6% of the average Earnable Compensation of an active member of the System, as reported by the actuary.

Death After Retirement

Eligibility

Death of member while receiving a service (basic benefit only), ordinary, accidental or vested (basis benefit only) retirement.

Benefit

To surviving spouse, 50% of the gross monthly benefit of the retired member but not less than 20% of the average Earnable Compensation of an active member of the System, as reported by the actuary.

For each dependent child, an additional benefit equal to 6% of the average Earnable Compensation of an active member of the System, as reported by the actuary.

Annual Escalator Benefit

Eligibility

All retired members, except for vested retirements, and for beneficiaries, except for beneficiaries of vested retirements.

Benefit

The monthly pension benefit is increased each July 1 by the sum of (a) plus (b) below:

- (a) The previous monthly benefit multiplied by 1.5%, and
- (b) An additional dollar amount from the table below based on the number of years the member has been retired.

Amount	Years of Retirement
\$15	Less than 5
20	5 – 9
25	10 - 14
30	15 - 19
35	20 or More

Normal Form of Benefit

Married Joint and 50% Survivor Annuity.

Single Life Only Annuity.

	July 1		
	2002	2003	
Active Members			
Number	3,805	3,825	
Average Attained Age	39.8	39.8	
Average Past Service	13.2	13.1	
Total Annual Compensation	\$173,140,899	\$180,390,246	
Average Annual Compensation	45,504	47,161	
Non-Active Members in Pay Status			
Number	3,248	3,329	
Average Age (excluding children)	67.0	67.1	
Total Annual Benefits	\$68,407,755	\$73,916,556	
Average Annual Benefit	21,062	22,204	
Non-Active Members with Deferred Bend	efits		
Number*	244	253	
Average Age	45.2	45.1	
Total Annual Benefits	\$3,242,136	\$3,361,260	
Average Annual Benefit	13,287	13,286	

^{*} Excludes 90 and 86 terminated nonvested members who have not yet received a refund of contributions for 2002 and 2003 respectively.

Reconciliation of Participant Counts

		Terminated I		Pay Status		
	Active	Vested	Beneficiaries	Disableds	Retirees	Total
Number as of July 1, 2002	3,805	244	869	985	1,394	7,297
Change due to:						
New hires and rehires	232	(1)	0	0	0	231
Terminations	(50)*	31	0	0	0	(19)
Retirement	(77)	(14)	0	0	91	0
Disability	(42)	0	0	42	0	0
Death without Beneficiary	(1)	0	(40)	(4)	(13)	(58)
Death with Beneficiary	(3)	0	61	(23)	(26)	9
Refund Paid Out	(39)**	(7)	0	0	0	(46)
Benefit Aged Out	0	0	(7)	0	0	(7)
Other	0	0	0	0	0	0
Number as of July 1, 2003	3,825	253	883	1,000	1,446	7,407

^{*} Five of the Terminations are from new hires during the period July 1, 2002 to June 30, 2003.

^{**} Two of the Refunds Paid Out are from new hires during the period July 1, 2002 to June 30, 2003.

Active Members — As of July 1, 2003

Years of Service

Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+	Total	Average Annual Salary
Under 25	149	0	0	0	0	0	0	0	149	\$36,343
25-29	398	84	0	0	0	0	0	0	482	\$40,353
30-34	310	352	81	0	0	0	0	0	743	\$42,857
35-39	109	199	264	77	1	0	0	0	650	\$45,656
40-44	55	99	147	167	81	4	0	0	553	\$48,545
45-49	9	22	63	121	213	136	0	0	564	\$52,813
50-54	3	11	22	48	102	260	88	0	534	\$53,961
55-59	1	3	4	7	9	44	55	10	133	\$56,706
60+	0	0	0	0	1	1	3	12	17	\$59,858
Total	1,034	770	581	420	407	445	146	22	3,825	
Average Annual Salary	\$38,740	\$45,096	\$47,954	\$50,509	\$53,601	\$55,638	\$58,562	\$64,084		\$47,161

Inactive Members — **As of July 1, 2003**

Service Retirements

Age	Number	Total Annual Benefit	Average Annual Benefit
55 – 59	232	\$ 9,151,188	\$39,445
60 - 64	291	9,749,028	33,502
65 - 69	213	5,798,112	27,221
70 - 74	198	4,754,712	24,014
75 - 79	174	3,759,324	21,605
80 - 84	116	2,170,104	18,708
Over 84	70	1,226,496	17,521
Total	1,294	\$36,608,964	\$28,291

Vested Retirements

Age	Number	Total Annual Benefit	Average Annual Benefit
55 – 59	51	\$ 738,708	\$14,484
60 - 64	33	457,692	13,869
65 - 69	37	366,984	9,918
70 - 74	16	95,244	5,953
75 - 79	11	54,156	4,923
80 - 84	1	5,328	5,328
Over 84	3	8,208	2,736
Total	152	\$1,726,320	\$11,357

Inactive Members — **As of July 1, 2003**

Accidental Disability

Age	Number	Total Annual Benefit	Average Annual Benefit
Under 40	17	\$ 404,544	\$23,797
40 - 44	28	684,684	24,453
45 - 49	60	1,507,320	25,122
50 - 54	103	2,737,512	26,578
55 - 59	188	5,504,088	29,277
60 - 64	155	4,089,984	26,387
65 - 69	112	2,894,388	25,843
70 - 74	85	2,051,328	24,133
75 - 79	47	1,084,668	23,078
80 - 84	23	521,004	22,652
Over 84	<u>17</u>	359,148	21,126
Total	835	\$21,838,668	\$26,154

Ordinary Disability

Age	Number	Total Annual Benefit	Average Annual Benefit
Under 40	5	\$ 102,936	\$20,587
40 - 44	11	217,092	19,736
45 - 49	14	266,544	19,039
50 - 54	31	750,384	24,206
55 - 59	31	768,792	24,800
60 - 64	24	531,720	22,155
65 - 69	26	481,404	18,516
70 - 74	8	117,204	14,651
75 - 79	10	166,800	16,680
80 - 84	3	48,228	16,076
Over 84	2	25,164	12,582
Total	165	\$3,476,268	\$21,068

Inactive Members — **As of July 1, 2003**

Beneficiaries (Spouse)

Age	Number	Total Annual Benefit	Average Annual Benefit
Under 40	8	\$ 129,792	\$16,224
40 - 44	8	110,820	13,853
45 - 49	21	297,264	14,155
50 - 54	38	571,716	15,045
55 – 59	39	563,784	14,456
60 - 64	99	1,253,508	12,662
65 - 69	74	956,688	12,928
70 - 74	123	1,454,088	11,822
75 – 79	120	1,388,496	11,571
80 - 84	133	1,529,352	11,499
Over 84	<u>159</u>	1,778,304	11,184
Total	822	\$10,033,812	\$12,207

Beneficiaries (Children)

Age	Number	Total Annual Benefit	Average Annual Benefit
Under 3	0	\$ 0	\$ 0
3 - 5	1	2,808	2,808
6 - 8	2	6,564	3,282
9 - 11	4	12,792	3,198
12 - 14	6	21,312	3,552
15 - 17	9	32,712	3,635
18 - 20	18	76,836	4,269
Over 20	21	79,500	3,786
Total	61	\$232,524	\$ 3,812

Inactive Members — **As of July 1, 2003**

Terminated Vested

Age	Number	Total Annual Benefit	Average Annual Benefit
Under 40	59	\$ 455,424	\$ 7,719
40 - 44	45	579,720	12,883
45 - 49	64	983,304	15,364
50 - 54	85	1,342,812	15,798
Over 54	0	0	0
Total	253	\$3,361,260	\$13,286