

***City of Atlanta
Firefighters' Pension Fund***

**Actuarial Valuation Report
as of
January 1, 2004**

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Assumption Changes
↳ Normal cost decline? (also Police)



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February 23, 2005

Board of Trustees
City of Atlanta Firefighters' Pension Fund

Ladies and Gentlemen:

This report presents the results of the actuarial valuation of the City of Atlanta Firefighters' Pension Fund as of January 1, 2004. The purpose of this report is to provide a summary of the funded status of the plan as of January 1, 2004 and to determine the annual required contribution and accounting disclosures pursuant to Governmental Accounting Standard Nos. 25 and 27 (GASB 25/27).

Recommended Contribution

Currently, the plan receives contributions from the City of Atlanta and from employees. Employees contribute either 6% or 7% of base salary, depending on whether the employee has any beneficiaries who would be eligible for death benefits under the plan. The City contributes the amount that is actuarially determined as a level percentage of payroll, where the unfunded accrued liability is scheduled to be eliminated as of January 1, 2019 and payroll is assumed to increase at the rate of 4.50% per year. The contribution is based on the actuarial valuation results as of January 1 of the preceding plan year.

For the 2005 plan year, the minimum required contribution based on the January 1, 2004 actuarial valuation results is equal to 34.22% of payroll after taking into account expected employee contributions of 6.77% of payroll. This amount represents an increase of 9.92% of payroll from the required contribution for the 2004 plan year.

The increase in the contribution is partially due to poor investment performance over the past five years. The market value of assets gained 15.50% during 2003 as compared with an assumed return of 8.00%. Rather than reflect the entire amount of the unrealized gains and losses immediately, the actuarial value of assets is based on a five-year phase-in of the unrealized appreciation. On this basis, the actuarial value of assets only gained 1.39% for the year, which was well below the assumed 8.00% return.

In addition, for purposes of the January 1, 2004 valuation, we have changed several assumptions as follows:

- (1) The assumed mortality rates have been changed from those set forth in the 1971 Group Annuity Mortality Table, set back three years, to those set forth in the 1983 Group Annuity Mortality Table in order to reflect increased life expectancy;
- (2) The assumed increase in the Consumer Price Index has been changed from 3.00% per year to 2.50% per year to account for lower expected inflation;

- (3) The assumed annual increase in future individual salaries has been changed from a range of 5.00% to 10.50%, depending on age, to 4.50% regardless of age in order to account for lower expected future compensation increases; and
- (4) The assumed increase in total payroll has been decreased from 5.00% per year to 4.50% per year to coordinate with the change in the future salary increase assumption described above.

We will continue to monitor the assumptions used to determine the City's contribution and will make changes as necessary to reflect future expectations.

Contents of the Report

A summary of the results of the valuation is presented in Table I, while Table II provides a historical record of the City's contribution percentage. A detailed breakdown of the liabilities of the plan by type of benefit is presented in Table III. Information for the auditors can be found in Tables IV and V. Tables VI through VIII provide information about the fund's assets. In particular, Table VI provides a breakdown of the fund assets by investment type, and Tables VII and VIII provide a historical record of the growth, expenditures, and annual yields of the fund. Tables IX through XII provide a variety of useful information concerning the participant population. Finally, Table XIII provides a summary of the assumptions and methods used to complete the valuation and Table XIV provides a summary of the plan provisions.

Certification

To the best of my knowledge, this report fairly and accurately represents the liabilities of the plan as of January 1, 2004 based on the participant data and asset information provided by the City of Atlanta and the plan provisions and actuarial assumptions set forth herein. I believe that these assumptions are reasonable in the aggregate and represent my best estimate of anticipated experience. All calculations set forth herein conform to generally accepted actuarial principles and practices and comply with my current understanding of the requirements of the Georgia Code and the Governmental Accounting Standards Board.

Respectfully submitted,



Charles T. Carr
Consulting Actuary
Enrolled Actuary No. 05-04927



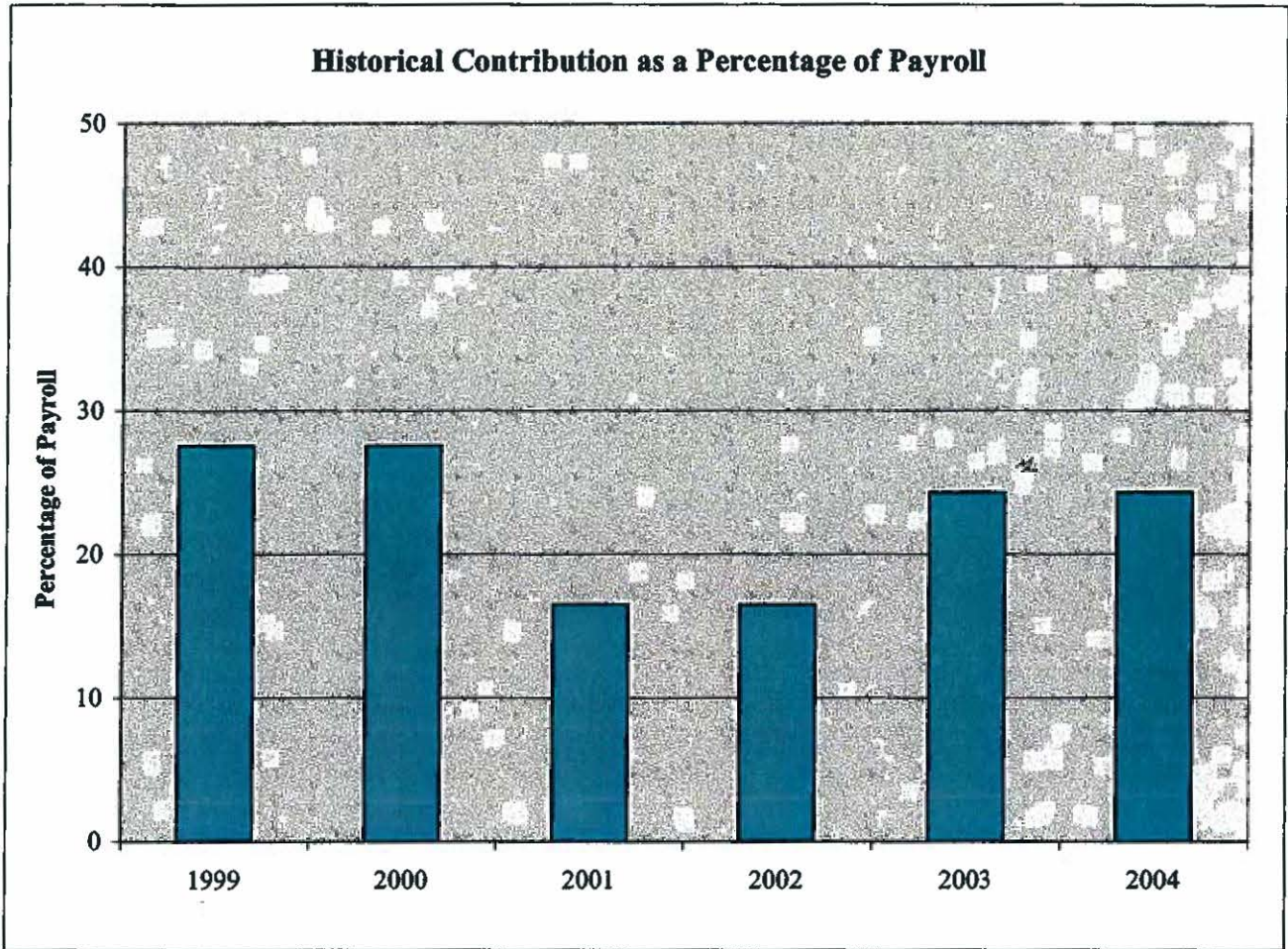


SUMMARY OF VALUATION RESULTS

	As of January 1, 2003	Jr
1. Number of Participants		
a. Active Participants		
i. Fully Vested	458	433
ii. Partially Vested	246	243
iii. Non-Vested	149	154
iv. Sub-total	853	830
b. Deferred Vested Participants	0	0
c. Retired Participants		
i. Service Retirement	382	387
ii. Disability Retirement	157	162
iii. Beneficiaries	201	199
iv. Sub-total	740	748
d. Total Participants	1,593	1,578
2. Expected Annual Compensation *	\$38,335	\$38,303
3. Development of Required Contribution *		
a. Actuarial Accrued Liability	\$413,191	\$417,092
b. Actuarial Value of Assets	(\$320,193)	(\$321,908)
c. Unfunded Actuarial Accrued Liability (UAAL)	\$92,998	\$95,184
d. Amortization Payment Towards UAAL	\$7,792	\$8,686
e. Normal Cost	\$11,745	\$7,723
f. Initial Annual Cost	\$19,537	\$16,409

	For the 2004 Plan Year	For the 2005 Plan Year
4. Minimum Required Contribution		
a. Level Percent Amortization of UAAL	19.36 %	21.70 %
b. Normal Cost Percentage	29.18 %	19.29 %
c. Total Contribution Percentage	48.54 %	40.99 %
d. Effective Employee Contribution	(6.77)%	(6.77)%
e. Minimum Required Employer Contribution	41.77 %	34.22 %

* dollar amounts are shown in 000's



<u>Plan Year</u>	<u>Employer Contribution Percentage</u>	<u>Plan Year</u>	<u>Employer Contribution Percentage</u>	<u>Plan Year</u>	<u>Employer Contribution Percentage</u>
1999	27.53%	2001	16.50%	2003	24.30%
2000	27.53%	2002	16.50%	2004	24.30%

LIABILITIES AS OF January 1, 2004

TABLE III

	Retirement Benefits	Disability Benefits	Withdrawal Benefits	Pre-Ret. Death Benefits	Return of Employee Contributions	Total
1. Present Value of Future Benefits						
a. Active participants	\$216,048	\$5,999	\$948	\$6,022	\$86	\$229,103
b. Def. vested participants	\$0	\$0	\$0	\$0	\$0	\$0
c. Retired participants:						
Retirees	\$151,251	\$62,220	\$0	\$0	\$0	\$213,471
Beneficiaries	\$26,725	\$0	\$0	\$0	\$0	\$26,725
d. Total	\$394,024	\$68,219	\$948	\$6,022	\$86	\$469,299
2. Entry Age Accrued Liability						
a. Active participants	\$167,258	\$4,283	\$576	\$4,732	\$47	\$176,896
b. Def. vested participants	\$0	\$0	\$0	\$0	\$0	\$0
c. Retired participants:						
Retirees	\$151,251	\$62,220	\$0	\$0	\$0	\$213,471
Beneficiaries	\$26,725	\$0	\$0	\$0	\$0	\$26,725
d. Total	\$345,234	\$66,503	\$576	\$4,732	\$47	\$417,092
3. Entry Age Normal Cost						
	\$6,756	\$329	\$81	\$203	\$21	\$7,390
4. Present Value of Vested Benefits						
a. Active participants	\$99,078	\$4,399	\$4,602	\$3,005	\$217	\$111,301
b. Def. vested participants	\$0	\$0	\$0	\$0	\$0	\$0
c. Retired participants:						
Retirees	\$151,251	\$62,220	\$0	\$0	\$0	\$213,471
Beneficiaries	\$26,725	\$0	\$0	\$0	\$0	\$26,725
d. Total	\$277,054	\$66,619	\$4,602	\$3,005	\$217	\$351,497
5. Present Value of Accrued Benefits						
a. Active participants	\$109,780	\$4,399	\$478	\$3,449	\$44	\$118,150
b. Def. vested participants	\$0	\$0	\$0	\$0	\$0	\$0
c. Retired participants:						
Retirees	\$151,251	\$62,220	\$0	\$0	\$0	\$213,471
Beneficiaries	\$26,725	\$0	\$0	\$0	\$0	\$26,725
d. Total	\$287,756	\$66,619	\$478	\$3,449	\$44	\$358,346

** all amounts are shown in 000's*



ACCOUNTING DISCLOSURES (GASB 25/27)

TABLE IV

	<u>For the 2004 Plan Year</u>	<u>For the 2005 Plan Year</u>
A. Number of Plan Participants as of Preceding January 1		
a. Retirees and beneficiaries receiving benefits	740	748
b. Terminated plan participants entitled to but not yet receiving benefits	0	0
c. Active plan participants	853	830
d. Total	<u>1,593</u>	<u>1,578</u>
B. Development of Annual Required Contribution (ARC) *		
a. Employer normal cost:		
i. Total normal cost (EOY)	\$12,685	\$8,339
ii. Expected employee contribution	(\$2,943)	(\$2,927)
iii. Employer normal cost	<u>\$9,742</u>	<u>\$5,412</u>
b. Amortization of UAAL:		
i. PV of future benefits	\$510,133	\$469,299
ii. PV of future employer normal costs	(\$72,437)	(\$34,028)
iii. PV of future employee contributions	(\$24,505)	(\$18,179)
iv. Actuarial accrued liability (AAL)	\$413,191	\$417,092
v. Actuarial value of assets	(\$320,193)	(\$321,908)
vi. Unfunded AAL (UAAL)	\$92,998	\$95,184
vii. Amortization of UAAL	\$7,710	\$8,628
c. Amortization of NPO	\$0	\$0
d. ARC	<u>\$17,452</u>	<u>\$14,040</u>
(Item B.a.iii. plus item B.b.vii. plus item B.c.)		
C. Annual Pension Cost and Net Pension Obligation (NPO) *		
a. ARC	\$17,452	\$14,040
b. Interest on NPO	\$0	\$0
c. Adjustment to ARC	\$0	\$0
d. Annual Pension Cost	<u>\$17,452</u>	<u>\$14,040</u>
e. Contributions made (w/interest to EOY)	(\$17,452)	(\$14,040)
f. Increase(decrease) in NPO	\$0	\$0
g. NPO (beginning of year)	\$0	\$0
h. NPO (end of year)	<u>\$0</u>	<u>\$0</u>

* dollar amounts are shown in 000's

D. Schedule of Employer Contributions **

Year Ended December 31	Annual Pension Cost	Percentage Contributed
2000	\$10,616	100%
2001	\$9,438	100%
2002	\$8,943	100%
2003	\$9,681	100%
2004	\$17,452	100%
2005	\$14,040	100%

E. Schedule of Funding Progress **

Actuarial Valuation Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL)	(3) Unfunded AAL (UAAL) (2) - (1)	(4) Funded Ratio (1) ÷ (2)	(5) Covered Payroll	(6) UAAL as % of Covered Payroll (3) ÷ (5)
1/1/1998	\$223,575	\$297,349	\$73,774	75.2%	\$27,552	267.8%
1/1/2000	\$289,054	\$322,370	\$33,316	89.7%	\$35,367	94.2%
1/1/2002	\$326,620	\$370,291	\$43,671	88.2%	\$36,803	118.7%
1/1/2003	\$320,193	\$413,191	\$92,998	77.5%	\$38,335	242.6%
1/1/2004	\$321,908	\$417,092	\$95,184	77.2%	\$38,303	248.5%

F. Additional Information

Valuation date	<u>January 1, 2003</u>	<u>January 1, 2004</u>
Actuarial cost method	Individual entry age	Individual entry age
Amortization method	Level percent closed	Level percent closed
Remaining amortization period	40 years from 1/1/1979	40 years from 1/1/1979
Asset valuation method	Five-year smoothed market	Five-year smoothed market
Actuarial assumptions:		
Investment rate of return *	8.00%	8.00%
Projected salary increases *	Ranges from 5.00% to 10.50%	4.50%
* Includes inflation at:	3.00%	2.50%
Cost-of-living adjustments	3.00%	2.50%

** dollar amounts are shown in 000's.

1. Actuarial Present Value of Accrued Benefits

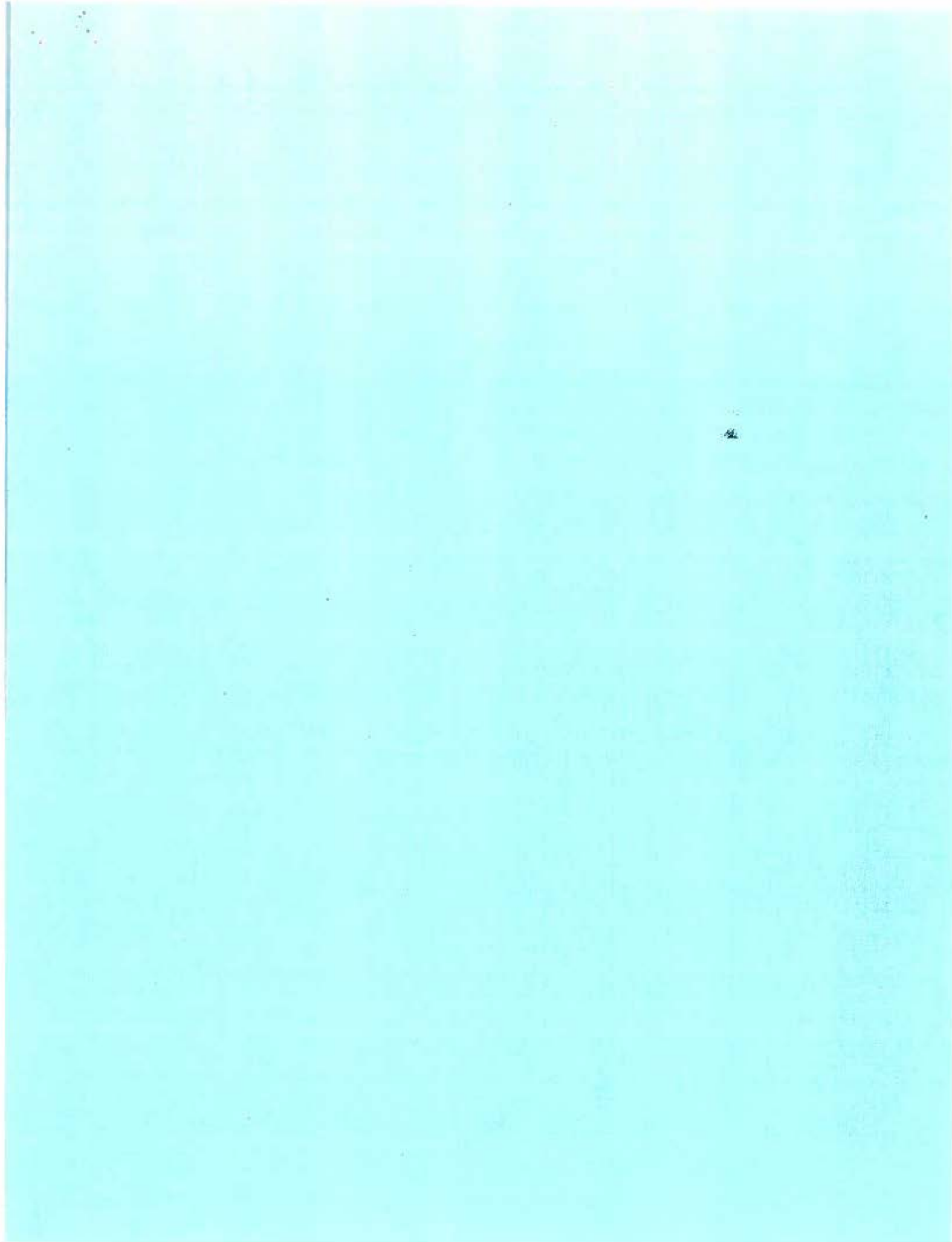
	<u>As of January 1, 2003</u>	<u>As of January 1, 2004</u>
a. Vested Benefits:		
i. Participants currently receiving benefits	\$212,344	\$240,196
ii. Other participants	<u>\$116,095</u>	<u>\$111,301</u>
iii. Sub-total	\$328,439	\$351,497
b. Non-Vested Benefits	<u>\$6,301</u>	<u>\$6,849</u>
c. Total Benefits	<u><u>\$334,740</u></u>	<u><u>\$358,346</u></u>
d. Market Value of Assets	\$283,481	\$324,477
e. Funded Ratio	84.69%	90.55%

2. Statement of Change in Actuarial Present Value of Accrued Benefits

a. Actuarial Present Value as of January 1, 2003	\$334,740
b. Increase (Decrease) During 2003 Plan Year Due to:	
i. Interest	\$26,779
ii. Benefits accumulated	\$37,746
iii. Benefits paid	(\$18,346)
iv. Plan amendments	\$0
v. Changes in actuarial assumptions or methods	<u>(\$22,573)</u>
vi. Net increase (decrease)	\$23,606
c. Actuarial Present Value as of January 1, 2004	\$358,346

3. Items Affecting Calculation of Actuarial Present Value of Accrued Benefits

- a. Plan provisions reflected in the accrued benefits (see Table XIV on page 18)
- b. Actuarial assumptions and methods used to determine present values (see Table XIII on page 16)



SUMMARY OF ASSETS

TABLE VI

	<u>As of January 1, 2003</u>	<u>As of January 1, 2004</u>
1. Market Value of Assets (in 000's)		
a. Cash and cash equivalents (13%)	\$30,293	\$43,085
b. Government bonds & notes (15%)	\$46,447	\$49,840
c. Corporate bonds (17%)	\$46,528	\$54,433
d. Equities (37%)	\$106,328	\$120,241
e. Repurchase agreements (0%)	\$0	\$0
f. Real estate (0%)	\$0	\$0
g. Mortgages (16%)	\$55,039	\$53,013
h. Accrued income receivable (1%)	\$1,491	\$2,298
i. Contributions receivable (0%)	\$121	\$121
j. Other assets (1%)	\$946	\$4,188
k. Benefits and accounts payable (0%)	(\$3,591)	(\$88)
l. Other liabilities (-1%)	(\$121)	(\$2,654)
m. Market value of assets	\$283,481	\$324,477

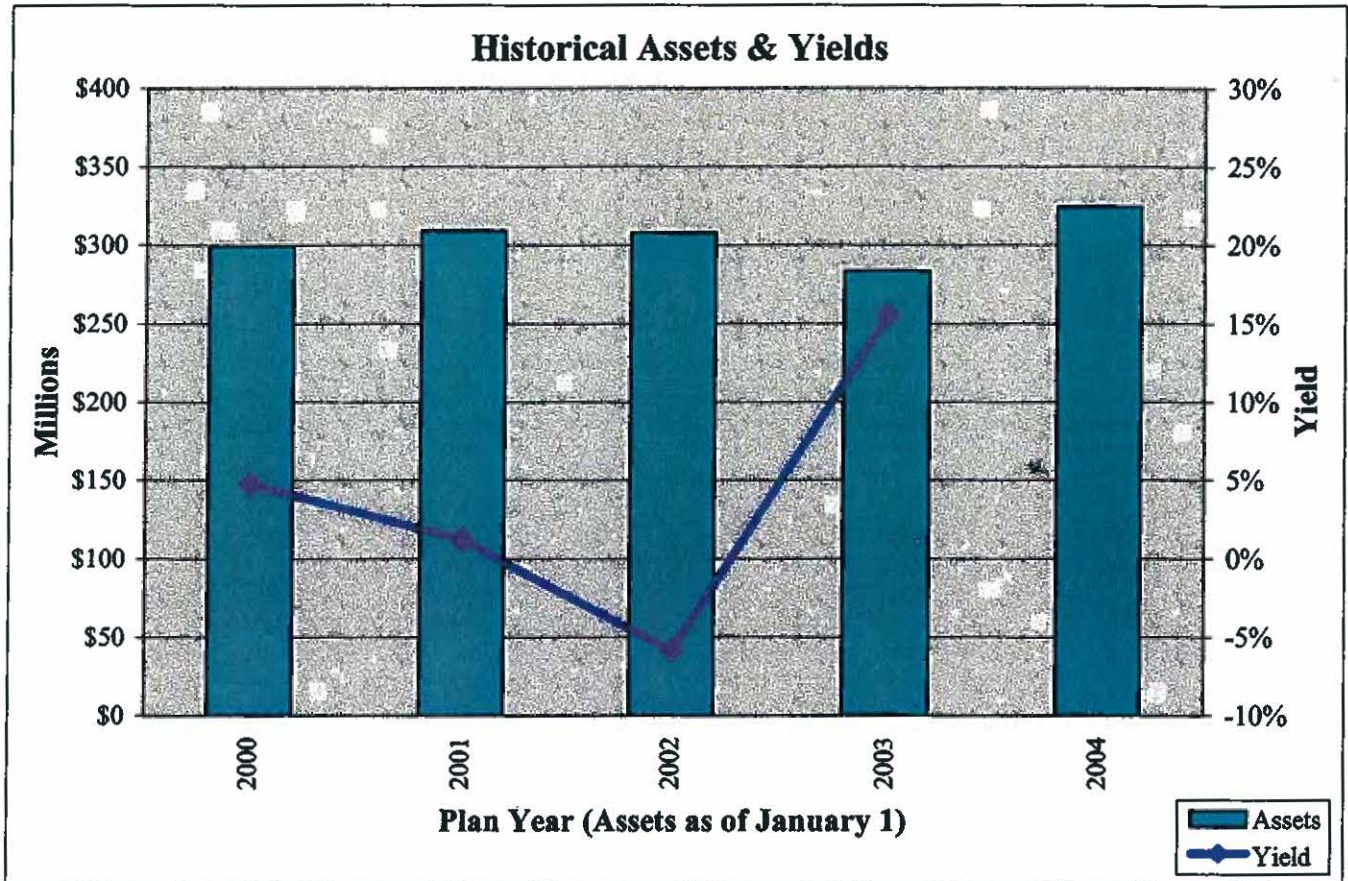
2. Actuarial Value of Assets (in 000's)

a. Market value of assets	\$283,481	\$324,477
b. Five-year phase-in of net investment appreciation:		
i. 1999	*	*
ii. 2000	(\$470) x 40% =	(\$188) x 20% = (\$94)
iii. 2001	\$24,846 x 60% =	\$14,908 x 40% = \$9,938
iv. 2002	\$27,490 x 80% =	\$21,992 x 60% = \$16,494
v. 2003	(\$36,134)	(\$28,907) x 80% =
vi. Total unrecognized losses(gains)	\$36,712	(\$2,569)
c. Actuarial Value of Assets	\$320,193	\$321,908
(Item a. plus item b., but within an 80-120% corridor of item a.)		

* unavailable

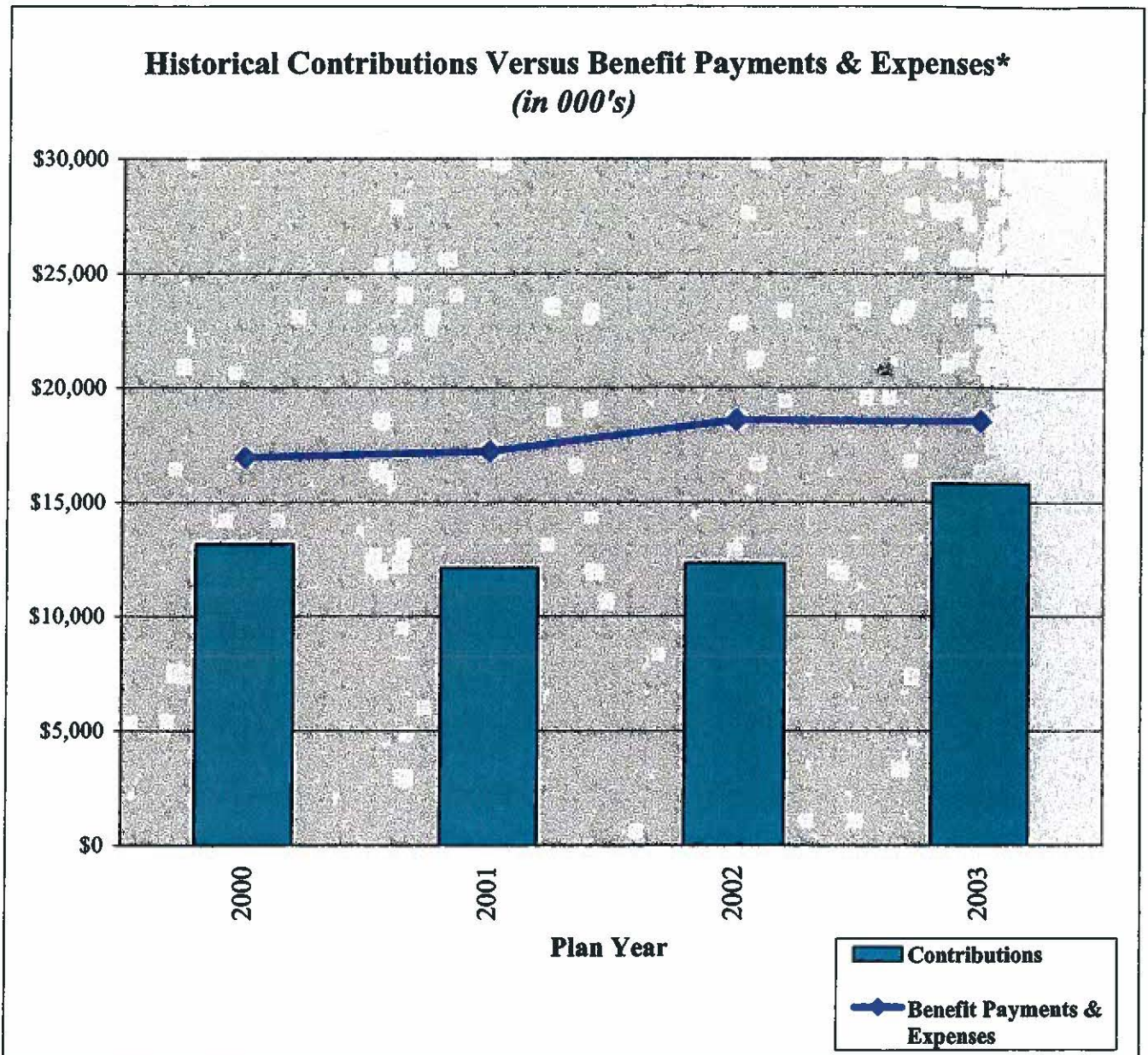
Note:

The percentages in parentheses indicate the proportion of assets committed to each type of investment as of January 1, 2004.

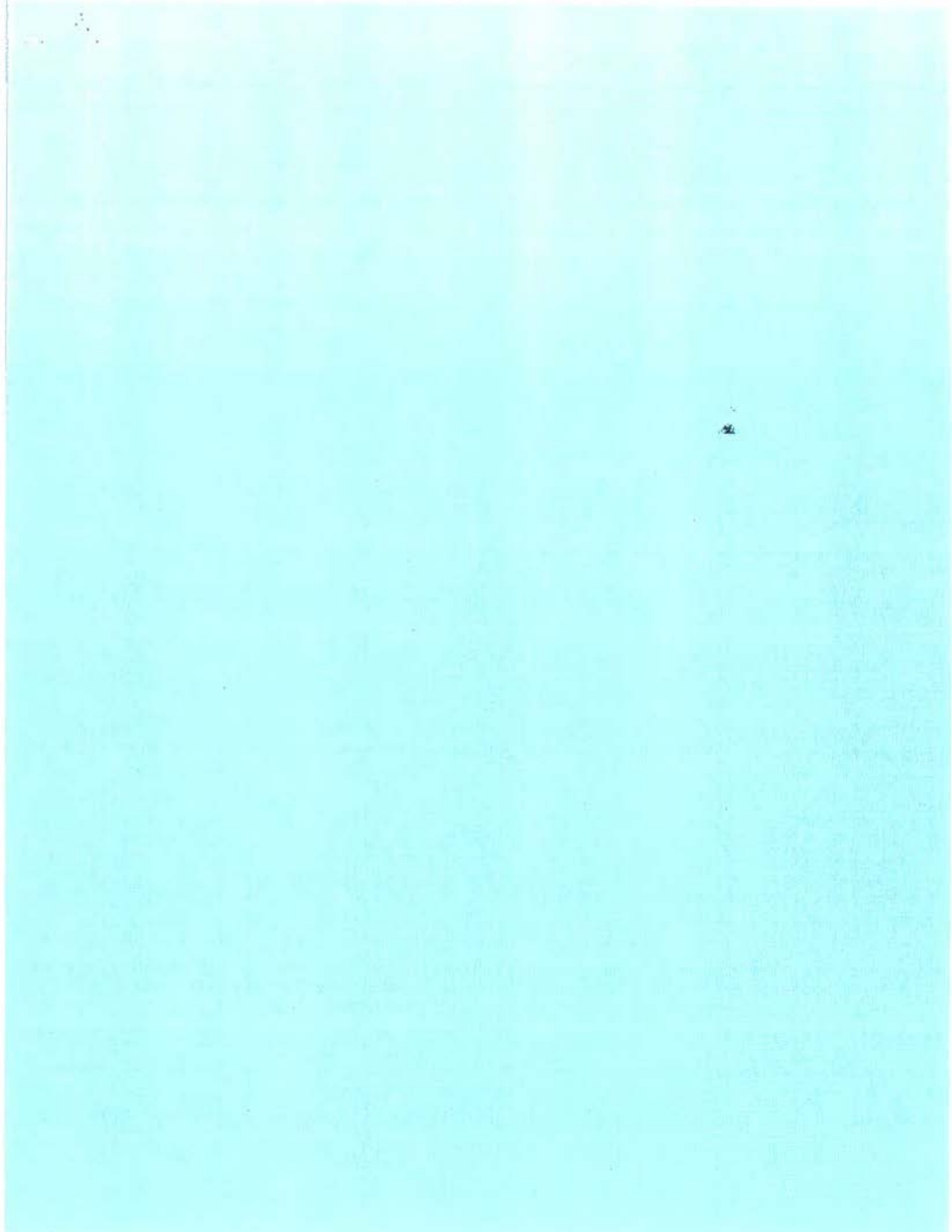


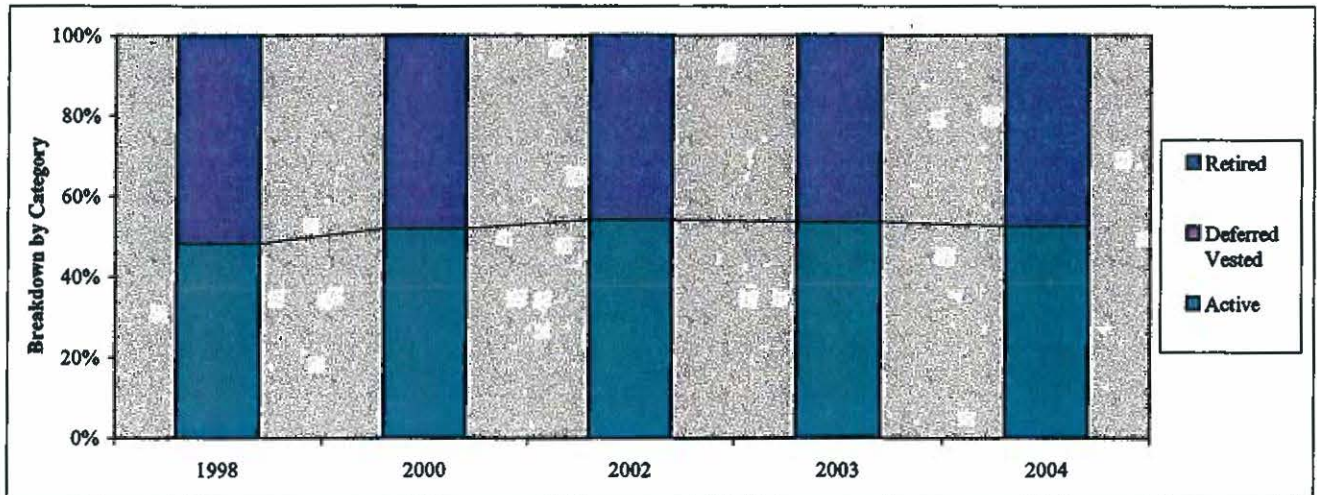
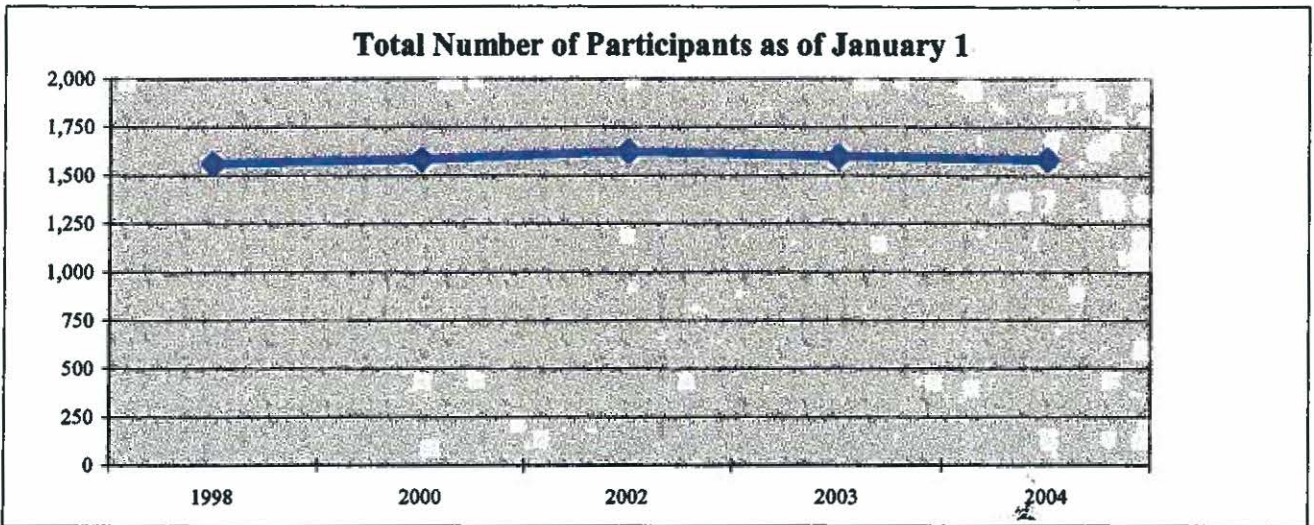
Plan Year	Market Value as of January 1	Actuarial Value as of January 1	Benefit Payments	Expenses	Contributions	Market Value Yield	Actuarial Value Yield
2000	\$298,815	\$289,054	\$16,432	\$523	\$13,157	4.74%	7.86%
2001	\$309,105		\$16,771	\$462	\$12,117	1.21%	7.86%
2002	\$307,689	\$326,620	\$17,518	\$1,088	\$12,314	-5.88%	-0.04%
2003	\$283,481	\$320,193	\$18,346	\$184	\$15,800	15.50%	1.39%
2004	\$324,477	\$321,908					

* all dollar amounts are shown in 000's

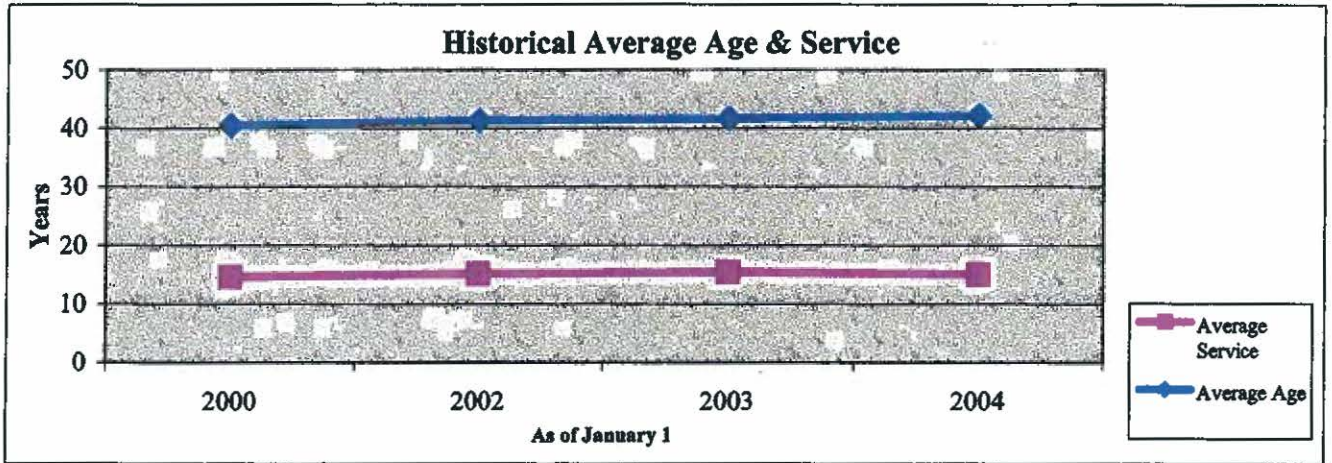


* Please reference Table VII on page 10 for the historical benefit payments, expenses, and contributions.

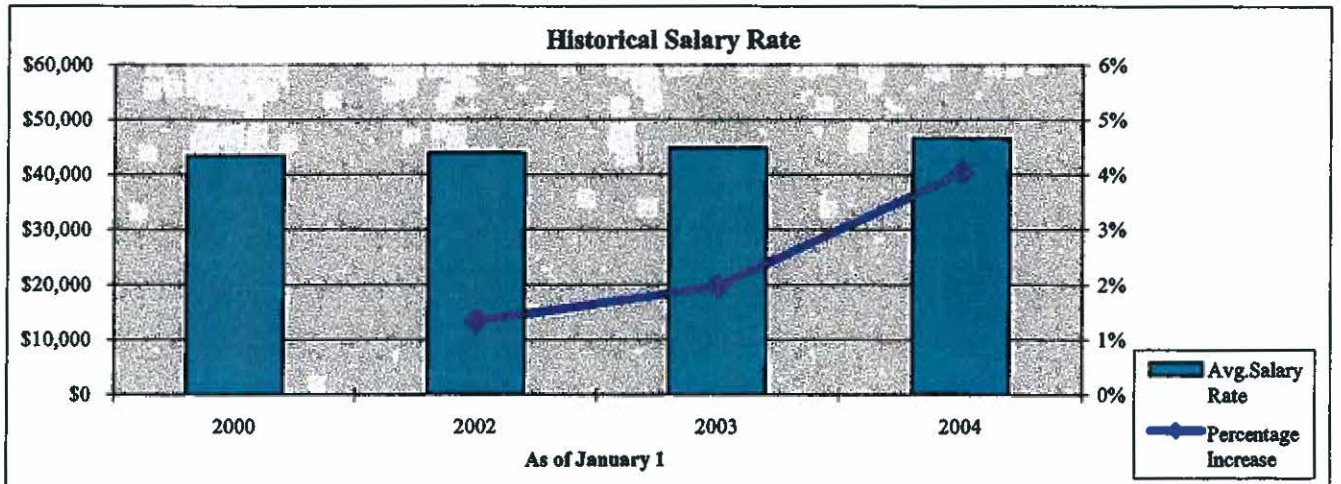




	As of January 1, 2003	As of January 1, 2004
1. Active Participants		
a. Fully Vested	458	433
b. Partially Vested	246	243
c. Non-Vested	149	154
d. Sub-total	853	830
2. Deferred Vested Participants	0	0
3. Retired Participants		
a. Service Retirement	382	387
b. Disability Retirement	157	162
c. Beneficiaries	201	199
d. Sub-total	740	748
4. Total Participants	1,593	1,578

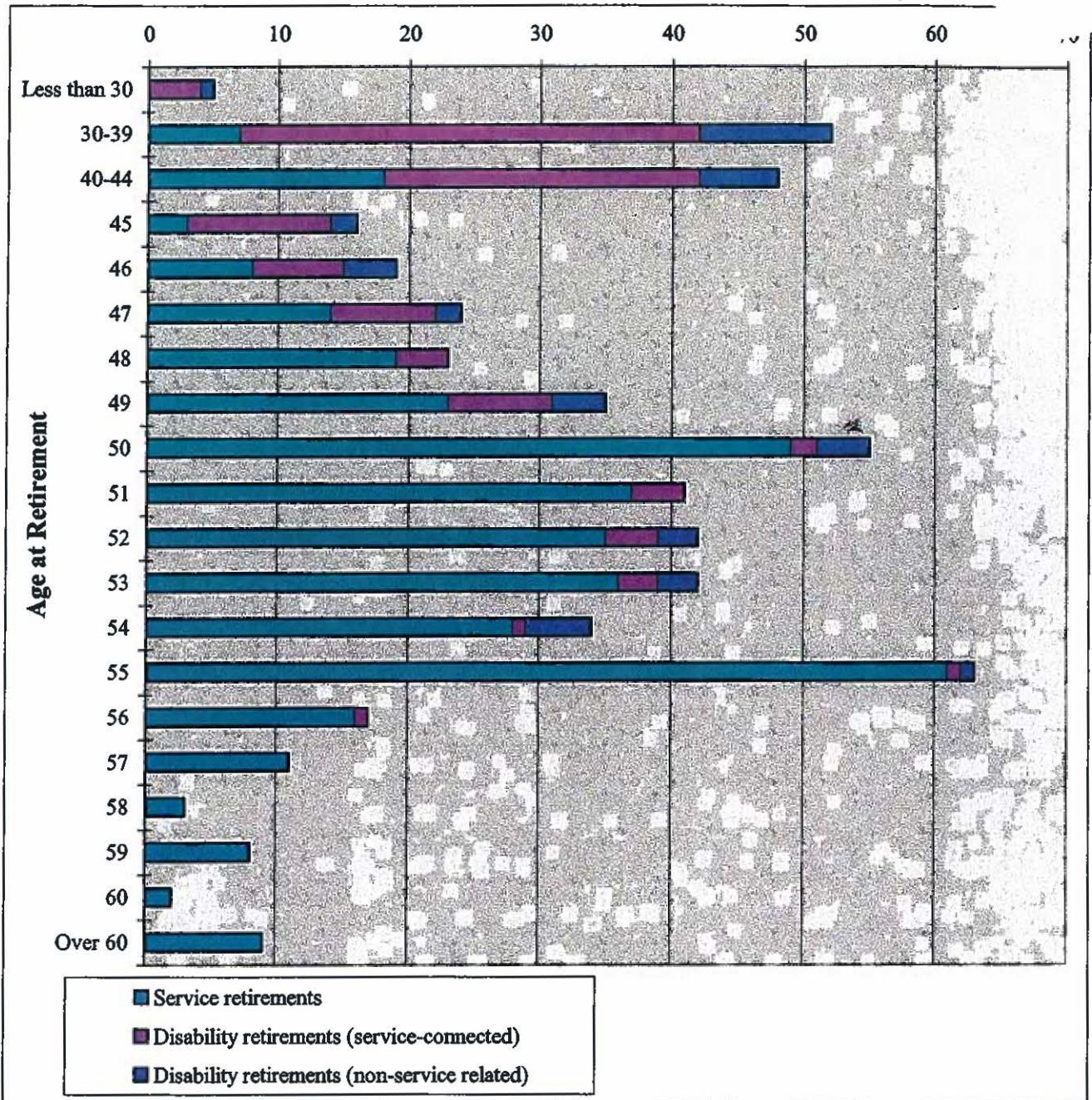


Date	Average Service Earned	Average Attained Age	Date	Average Service Earned	Average Attained Age
1/1/2000	14.5	40.5	1/1/2003	15.3	41.6
1/1/2002	15.0	41.3	1/1/2004	14.9	42.2



Date	Average Salary Rate	Increase from Prior Year	Date	Average Salary Rate	Increase from Prior Year
1/1/2000	\$43,395	1.33%	1/1/2003	\$44,828	1.95%
1/1/2002	\$43,970	1.33%	1/1/2004	\$46,634	4.03%

RETIREE DATA



Note: Results are based on retiree data as of January 1, 2004.

Average benefit being paid to members on service retirement is \$2,569.26 per month.

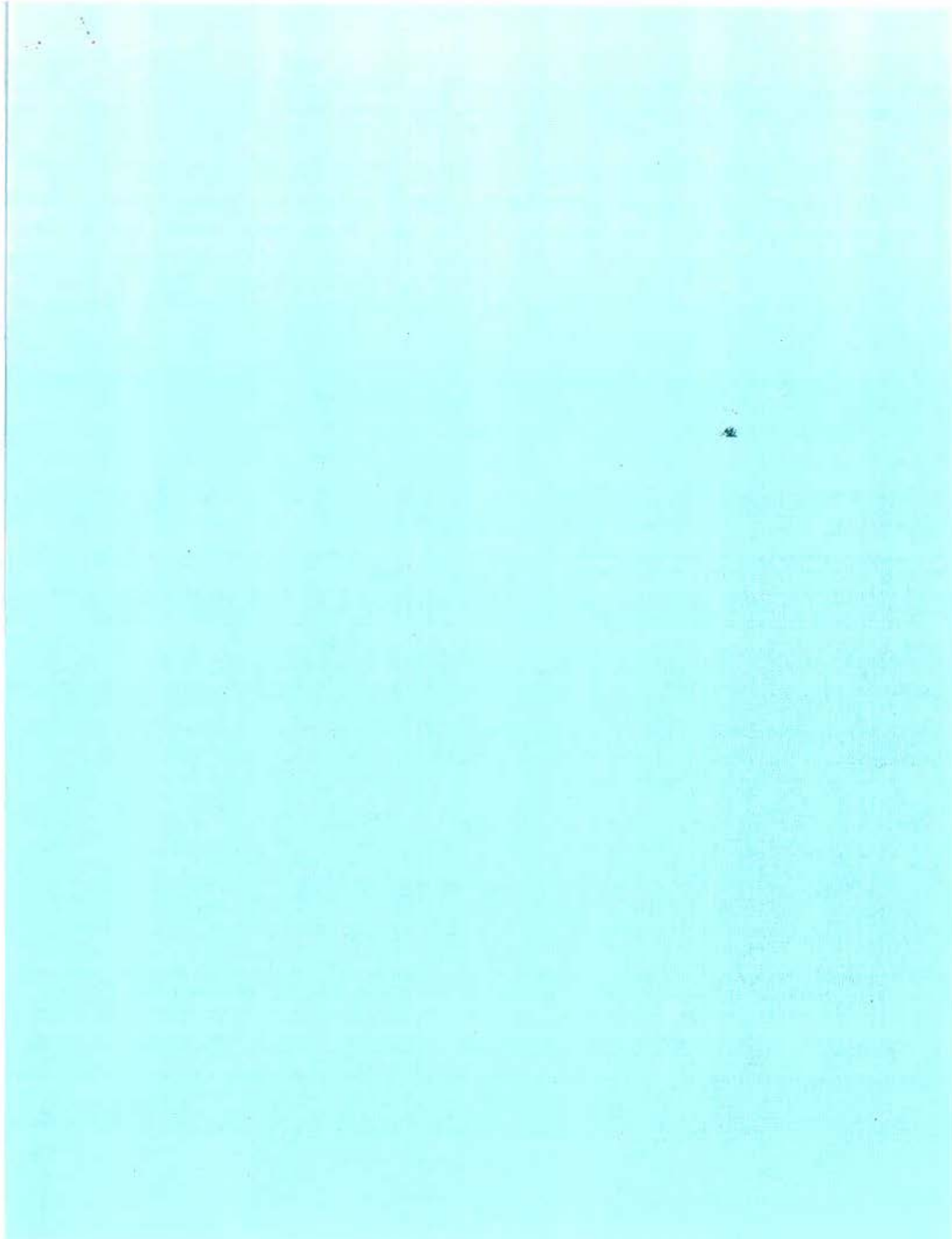
Average benefit being paid to members on disability retirement is \$2,251.92 per month.

Average benefit being paid to beneficiaries is \$1,064.46 per month.

AGE-SERVICE-SALARY TABLE

TABLE XII

Attained Age	Completed Years of Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 25	5	12	0	0	0	0	0	0	0	0	17
Avg.Pay	0	31,006	0	0	0	0	0	0	0	0	31,006
25 to 29	4	39	2	0	0	0	0	0	0	0	45
Avg.Pay	0	33,055	37,683	0	0	0	0	0	0	0	33,281
30 to 34	8	54	34	16	0	0	0	0	0	0	112
Avg.Pay	0	33,673	40,838	44,459	0	0	0	0	0	0	37,675
35 to 39	1	23	40	56	35	0	0	0	0	0	155
Avg.Pay	0	32,688	40,674	45,594	47,870	0	0	0	0	0	42,906
40 to 44	0	4	17	42	45	41	0	0	0	0	149
Avg.Pay	0	33,469	41,468	45,175	47,930	50,977	0	0	0	0	46,866
45 to 49	0	4	10	22	36	110	3	0	0	0	185
Avg.Pay	0	26,006	40,624	45,288	50,081	51,508	51,101	0	0	0	49,344
50 to 54	0	0	2	2	12	84	31	15	0	0	146
Avg.Pay	0	0	38,182	49,144	49,631	52,097	53,325	63,559	0	0	53,102
55 to 59	0	0	0	0	2	5	8	1	3	0	19
Avg.Pay	0	0	0	0	49,556	50,770	56,922	46,709	50,816	0	53,026
60 to 64	0	0	0	0	0	2	0	0	0	0	2
Avg.Pay	0	0	0	0	0	50,161	0	0	0	0	50,161
65 to 69	0	0	0	0	0	0	0	0	0	0	0
Avg.Pay	0	0	0	0	0	0	0	0	0	0	0
70 & up	0	0	0	0	0	0	0	0	0	0	0
Avg.Pay	0	0	0	0	0	0	0	0	0	0	0
Total	18	136	105	138	130	242	42	16	3	0	830
Avg.Pay	0	32,862	40,746	45,338	48,692	51,596	53,851	62,506	50,816	0	46,634



1. Actuarial Cost Method

Individual Entry Age Normal Cost Method

2. Decrements

- Mortality**

Sex-distinct mortality rates set forth in the 1983 Group Annuity Mortality Table

- Disability**

Sex-distinct disability rates derived from the 1974 study of disability experience under the Social Security system; 67% of disabilities are assumed to be service-connected. A sample of disability rates is set forth in the following tables:

Male Rates

<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
20	0.120%	30	0.190%	40	0.396%	50	1.044%
25	0.149%	35	0.264%	45	0.616%	55	1.818%

Female Rates

<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
20	0.060%	30	0.154%	40	0.382%	50	0.914%
25	0.089%	35	0.262%	45	0.580%	55	1.532%

- Permanent Withdrawal from Active Status**

Withdrawal rates were derived from a study of actual plan experience covering the period 1982 through 1986. A sample of withdrawal rates is set forth in the following table:

<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
20	5.454%	30	3.615%	40	1.804%	50	1.210%
25	4.218%	35	2.866%	45	1.313%	55	0.000%

- Retirement**

Retirement is assumed to occur in accordance with the rates set forth in the following table:

<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
45	3%	49	3%	53	20%	57	10%
46	3%	50	3%	54	30%	58	10%
47	3%	51	10%	55	50%	59	10%
48	3%	52	15%	56	50%	60	100%

3. Interest Rate

- **Used for Calculating All Liabilities (including GASB 25/27 liabilities)**
8.00% per annum

4. Cost-of-Living Adjustment for Retirement Benefits

For purposes of determining the annual cost-of-living adjustment for retirees, the Consumer Price Index is assumed to increase at the rate of 2.50% per year.

5. Salary Increases

Individual salaries have been assumed to increase at the rate of 4.50% compounded annually.

6. Payroll Increase

Total payroll has been assumed to grow at the rate of 4.50% per year for purposes of amortizing the unfunded actuarial accrued liability as a level percentage of payroll.

7. Surviving Beneficiaries

Those active participants who are making the additional 1% employee contribution to provide a survivor benefit to their eligible beneficiaries are assumed to have only one surviving beneficiary of the opposite sex of the employee. Males are assumed to be three years older than females for this purpose.

8. Expenses

All costs and liabilities have been loaded by 1.00% to cover anticipated administrative expenses. In addition, the interest rate set forth in item 3. above is assumed to be net of investment expenses and commissions.

9. Assets

The actuarial value of assets is equal to the market value of assets adjusted to reflect a five-year phase-in of the net investment appreciation (or depreciation).



1. Monthly Accrued Benefit

2% of Average Monthly Earnings multiplied by Creditable Service earned through February 28, 2001 plus 3% of Average Monthly Earnings multiplied by Creditable Service earned thereafter

2. Normal Retirement Age and Benefit

- **Age**
Age 55 with at least 15 years of Creditable Service
- **Amount**
Monthly Accrued Benefit
- **Form of Payment**
Life annuity (for those participants without a beneficiary); or
75% joint and contingent annuity (for those participants with a beneficiary)

Note: All annuity forms of payment include an automatic cost-of-living adjustment effective each January 1 based on the increase in the Consumer Price Index as of the preceding November 1 and limited to 3%, and include a minimum payout equal to the employee's accumulated contributions.

3. Early Retirement Age and Benefit

- **Age**
At least 15 years of Creditable Service
- **Amount**
Monthly Accrued Benefit (payable at age 55); or
Monthly Accrued Benefit reduced by ½% for each of the first 60 months and by ¼% for each additional month by which the participant's Early Retirement Age precedes age 55 (payable at Early Retirement Age)
- **Form of Payment**
Same as for Normal Retirement

4. Delayed Retirement Age and Benefit

- **Age**
After Normal Retirement Age
- **Amount**
Monthly Accrued Benefit
- **Form of Payment**
Same as for Normal Retirement

5. Disability Retirement Eligibility and Benefit

- **Eligibility**

All active participants are eligible if the disability is service-connected;
At least five years of Creditable Service is required otherwise.

- **Condition**

The participant must become "totally and permanently disabled" and must remain so disabled until age 55. "Totally and permanently disabled" means the participant is in a continuous state of incapacity due to illness or injury, is prevented from performing his regular assigned or comparable duties during the first months of his disability, and is thereafter prevented from engaging in any occupation for which he is or becomes reasonably qualified by education, training, or experience.

- **Amount**

Greater of 50% of Average Monthly Earnings at the time of disability or Monthly Accrued Benefit, offset by worker's compensation payments such that the combination of payments does not exceed 75% of the participant's salary at the time of disability (payable until the earlier of recovery from disability or age 55); and
Monthly Accrued Benefit based on Average Monthly Earnings at the time of disability and Creditable Service including the period during which the participant was disabled (payable at age 55)

- **Form of Payment**

Same as for Normal Retirement

6. Deferred Vested Benefit

- **Age**

Any age with at least five years of Creditable Service

- **Amount**

Monthly Accrued Benefit multiplied by the participant's Vested Percentage and payable at age 60

- **Form of Payment**

Same as for Normal Retirement

7. Pre-Retirement Death Benefit

In the case of the death of an active or deferred vested participant (or disabled participant prior to age 55), his beneficiary(ies) will receive 75% of the monthly benefit to which the participant would have been entitled had he retired on the day before his death (or 75% of the amount the disabled participant was receiving at the time of his death). The death benefit is payable for the remaining lifetime of the participant's eligible spouse (or to his minor children until age 18). In the case of a disabled participant, the death benefit is limited to 60% of the participant's salary at the time of disability.

8. Vested Percentage

Retirement benefits become vested in accordance with the following schedule:

Years of Creditable Service	Vested Percentage
Less than five	0%
At least five, but less than six	25%
At least six, but less than seven	30%
At least seven, but less than eight	35%
At least eight, but less than nine	40%
At least nine, but less than 10	45%
At least 10, but less than 11	50%
At least 11, but less than 12	60%
At least 12, but less than 13	70%
At least 13, but less than 14	80%
At least 14, but less than 15	90%
At least 15	100%

9. Average Monthly Earnings

Average of the participant's monthly Salary for the highest three consecutive years during his period of Creditable Service

10. Salary

The employee's basic salary excluding overtime pay, but including accumulated vacation pay, sick leave bonus pay, and other similar compensation; pursuant to IRC section 401(a)(17), annual Salary is limited to \$200,000 as indexed.

11. Employee Contribution

All participating employees must make the required contribution to the plan. The required contribution is 7% of basic salary for those participants who have an eligible beneficiary for death benefits and 6% of basic salary for all other participants.

12. Creditable Service

Participants receive Creditable Service for all periods of employment with the City of Atlanta provided that the employee has made the required contribution for such period of service.

13. Participation Requirement

All full-time firefighters employed by the City of Atlanta are eligible to participate in the plan.

14. Plan Effective Date

April 1, 1978