

REPORT ON THE
ACTUARIAL VALUATION
OF THE VERMONT MUNICIPAL EMPLOYEES'
RETIREMENT SYSTEM
PREPARED AS OF JULY 1, 2005

OCTOBER 24, 2005



October 24, 2005

Board of Trustees
Vermont Municipal Employees' Retirement System
Montpelier, Vermont 05633

Dear Board Members:

Section 5062, of Title 24, Chapter 125, Vermont Statutes Annotated, relating to the Vermont Municipal Employees' Retirement System, provides in part that the actuary shall make annual valuations of the System.

The actuarial valuation of the System, prepared as of July 1, 2005, has now been completed and the results are presented in this report, together with our recommendations with regard to contributions.

The Table of Contents, which immediately follows, outlines the material contained in this report.

Respectfully submitted,

David L. Driscoll, F.S.A., E.A.
Principal, Consulting Actuary

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REPORT ON THE ACTUARIAL VALUATION OF THE
VERMONT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM
PREPARED AS OF JULY 1, 2005

SECTION I - SUMMARY OF PRINCIPAL RESULTS

1. For convenience of reference, the principal results of the July 1, 2005, valuation are summarized below:

Item	Group A	Group B	Group C	Group D	TOTAL
Active members					
Vested	1,202	1,377	227	27	2,833
Not vested	1,452	1,278	215	47	2,992
Total	2,654	2,655	442	74	5,825
Compensation in FY 2005	\$50,560,857	\$66,907,938	\$17,323,264	\$3,418,942	\$138,211,001
Average age	46.47	46.16	45.69	33.17	46.50
Average service	6.33	6.22	6.10	1.17	6.40
Average FY 2005 compensation	19,051	25,201	39,192	46,202	23,727
Retired members and beneficiaries					
Number	518	490	82	0	1,090
Annual benefits	\$1,770,855	\$3,128,955	\$734,283	0	\$5,634,093
Terminated vested members	214	142	7	0	363
Inactive members	1,184	760	51	8	2,003
Adjusted assets for valuation purposes	\$78,201,853	\$136,714,109	\$41,470,137	\$2,690,041	\$259,076,140
Unfunded accrued liability (UAL)	(\$7,166,968)	(\$1,505,490)	(\$3,274,641)	\$1,011,436	(\$10,935,663)
Employer normal contribution rate	2.00%	3.38%	5.58%	7.23%	3.25%
Current funding policy rate	4.00%	5.00%	6.00%	9.00%	4.86%

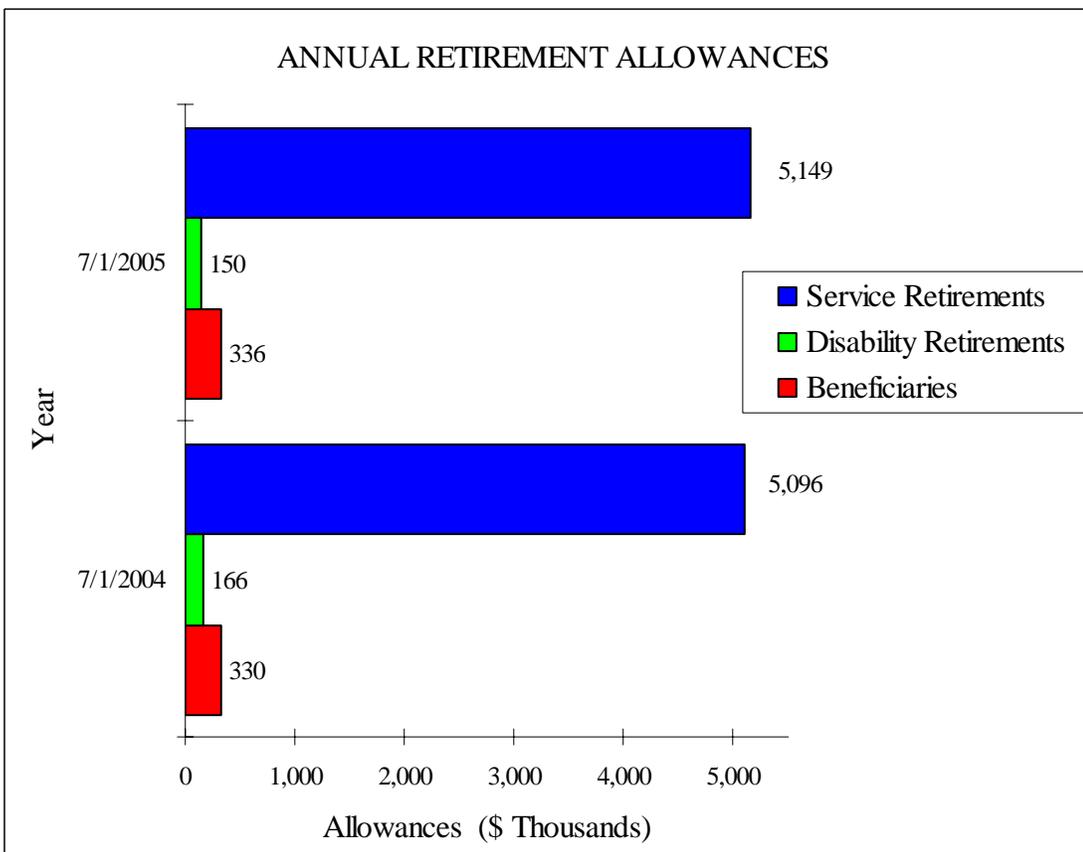
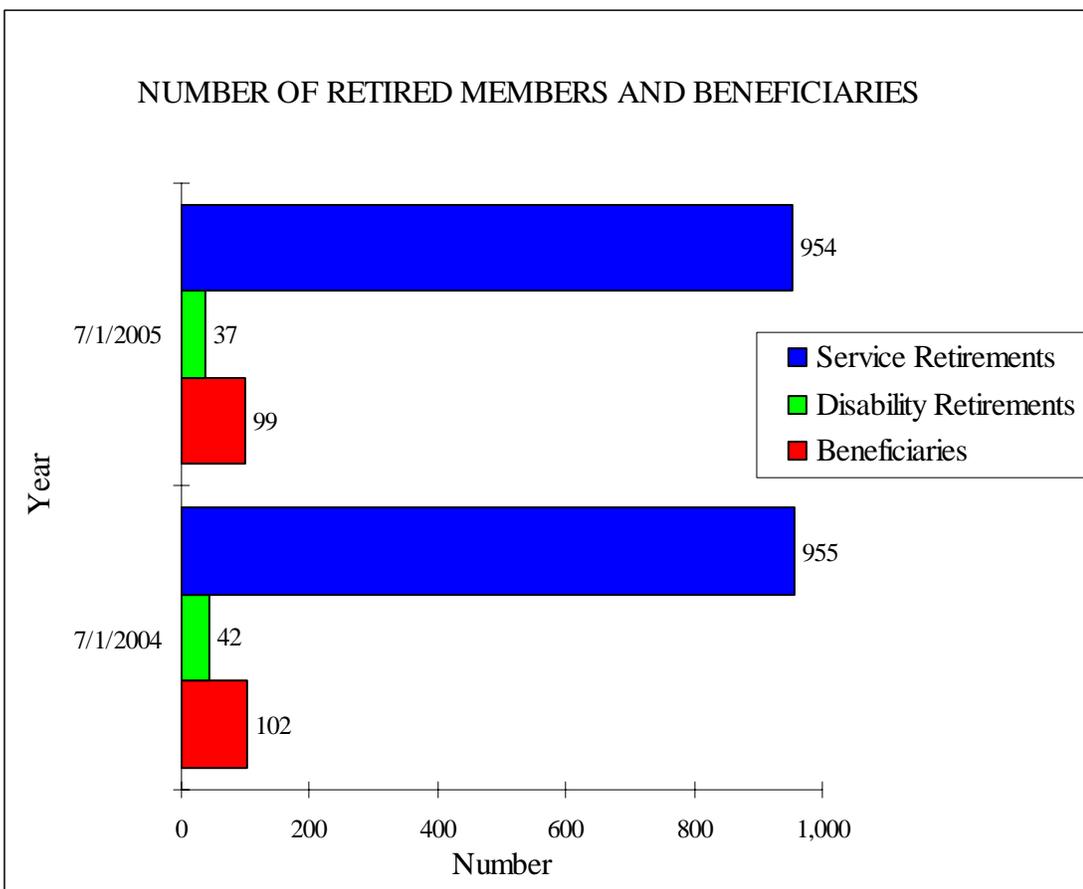
2. Comments on the results of the valuation are given in Section IV and further discussion of the contribution levels is set out in Section V.
3. Schedule B outlines the full set of actuarial assumptions and methods used in the valuation.
4. Schedule C outlines the benefit provisions that were taken into account in the valuation.

SECTION II - MEMBER DATA

1. Member data were furnished by the Retirement Division of the State Treasurer's Office.
2. Schedule D presents tables that summarize member data. Tables 1 through 5 summarize active member data by age and service. Tables 6 through 10 summarize service pensioners, disability pensioners and beneficiaries by age.
3. The following tables show a summary of membership data for retirees and beneficiaries:

THE NUMBER AND ANNUAL ALLOWANCES OF RETIRED MEMBERS
AND BENEFICIARIES AS OF JULY 1, 2005

GROUP	NUMBER	ANNUAL ALLOWANCES
Service Retirements	954	\$5,148,833
Disability Retirements	37	\$149,511
Beneficiaries of Deceased Members	99	\$335,749
GRAND TOTAL	1,090	\$5,634,093



SECTION III - ASSETS

1. The amount of assets taken into account in the valuation is based on information supplied by the State Treasurer's Office.
2. For actuarial purposes, the assets are valued using a method that reflects the market value of assets through recognition of any difference in return on assets from its expected level over 5 years, provided the adjusted asset value is within 20% of the market value. The method was restarted as of July 1, 2004.

Development of the valuation assets

Market value as of June 30, 2005 \$258,466,735 (A)

Adjustment to recognize asset gains (losses) over 5 years:

Year Ending	Asset gain (loss)	x	Adjustment Factor	=	Adjustment	
June 30, 2005	(\$761,756)		0.80		(\$609,405)	
			TOTAL		(\$609,405)	(B)

Actuarial value of assets as of June 30, 2005 [(A) – (B)] \$259,076,140

Asset gain during fiscal year ending June 30, 2005:

Actual return on market value

Interest and dividends	\$9,471,006
Realized and unrealized gains	9,924,720
Investment expenses	<u>(1,229,865)</u>
Total	18,165,861 (C)

Expected 8% return on market value and cash flow \$18,927,617 (D)

Asset loss (D) - (C) \$761,756

3. The assets for valuation purposes are 100.24% of market value.
4. The investment rate of return for the year ending July 1, 2005, is 7.77%, based on the valuation assets.

5. The following table presents an allocation of total valuation assets to Groups A, B, C and D:

Item	Group A	Group B	Group C	Group D	Total
Valuation assets, July 1, 2004	\$ 71,441,045	\$ 124,112,153	\$ 35,988,683	\$ 1,347,678	\$ 232,889,559
Contributions	3,775,716	7,192,630	3,593,264	1,199,794	15,761,404
Income*	6,085,029	10,606,153	3,149,760	164,188	20,005,130
Benefit payments	(2,479,788)	(4,119,464)	(949,169)	(9,921)	(7,558,342)
Expenses	(490,102)	(851,437)	(246,890)	(9,245)	(1,597,674)
Transfers	(130,047)	(225,926)	(65,511)	(2,453)	(423,937)
Valuation assets, July 1, 2005,	\$ 78,201,853	\$ 136,714,109	\$ 41,470,137	\$ 2,690,041	\$ 259,076,140

*includes adjustment in valuation assets amount

SECTION IV - COMMENTS ON VALUATION

1. Schedule A of the report contains a valuation balance sheet, which shows total present and prospective assets and liabilities as of July 1, 2005.
2. The adjusted assets of the system amount to \$ 259,076,140.
3. The total present value of prospective allowances to be paid to current retired members, beneficiaries and terminated vested members amounts to \$66,685,931. The present value of prospective benefits accrued by current active and inactive members through June 30, 2005, amounts to \$263,034,126, bringing total liabilities for future benefits to \$329,720,057. After subtracting assets of \$259,076,140, the amount to be provided through prospective contributions is \$70,643,917. Prospective member contributions have a value of \$47,260,489, which leaves \$23,383,428 to be met by employers.
4. The employers' contributions consist of a normal contribution and an accrued liability contribution. Future normal contributions represent the contributions needed to provide benefits for the average new member; the rates upon which these are based are recalculated upon a change in benefit provisions or the actuarial assumptions used in the valuation. The accrued liability contribution represents the balance of contributions necessary to fund the system.
5. The value of future employer normal contributions as of July 1, 2005, is \$34,319,091. Subtracting this from the total amount to be paid by employers leaves \$10,935,663 as the actuarial surplus.

SECTION V - CONTRIBUTIONS PAYABLE UNDER THE SYSTEM

1. Employer contributions consist of a normal contribution and an accrued liability contribution. The normal contribution is the expected cost of benefits earned during the year following the valuation date. The accrued liability contribution represents a credit that reflects the amortization of the assets in excess of the accrued liability through June 30, 2018.

Item	Group				
	A	B	C	D	Total
1. Normal contributions					
Employee	2.50%	4.50%	9.00%	11.00%	4.49%
Employer	<u>2.00%</u>	<u>3.38%</u>	<u>5.58%</u>	<u>7.23%</u>	<u>3.25%</u>
Total	4.50%	7.88%	14.58%	18.23%	7.74%
2. Amortization credit through 6/30/2018	1.15%	0.18%	1.54%	(2.40%)	0.65%
3. Net employer contribution rates, July 1, 2005					
Amortization through 6/30/2018	0.85%	3.20%	4.04%	9.63%	2.60%
Current funding policy rates	4.00%	5.00%	6.00%	9.00%	4.86%
4. Net employer contribution rates, July 1, 2004					
Amortization through 6/30/2018	1.17%	3.37%	4.33%	6.36%	2.70%
Funding policy rates	4.00%	5.00%	6.00%	9.00%	4.81%

2. The current funding policy rates payable by the employers and the calculated rates reflecting amortization of the assets in excess of accrued liability are shown below:

<u>Group</u>	<u>Funding Policy Rate</u>	<u>Rate With Full Amortization</u>
A	4.00%	0.85%
B	5.00%	3.20%
C	6.00%	4.04%
D	9.00%	9.63%

We recommend that the Board set future contribution rates within the ranges shown on the preceding page. Since the funding policy rate is close to the calculated employer normal rate (shown in item 1 above) for each group, continuation of these rates would maintain current surplus assets indefinitely, assuming no future experience gains or losses. Payment of the rates with full amortization of surplus would result in a gradual reduction of surplus through 2018, at which point the full normal cost rate would be payable.

It will be noted that the accrued liability for one group, Group D, exceeds the assets allocated to it. Consequently, the current funding policy rate applicable to Group D, 9%, falls somewhat short of the sum of the employer normal cost rate and the amortization of the excess of accrued liability over assets. The Board may decide to raise the rate payable by employers of Group D members to 9.63%. However, if that is not done, the current distribution of active members among the four groups that comprise the System is such that the current funding policy rates would be expected to produce in employer contributions that, in the aggregate, are sufficient to cover the sum of the employer normal costs plus the amortization rates applicable to each group. While we recommend that the rate set for each group be at least equal to the sum of the normal cost rate and the amortization rate, the Board may wish to defer for at least one year an adjustment of the rate charged to Group D employers, given the small size of the group and of the small impact of the difference between the current funding policy rate applicable to Group D and the sum of the employer normal cost rate and the amortization rate applicable to this group. Ultimately, this is a matter of funding policy and equity among the four groups, and thus an issue for the Board to decide.

The difference between the current funding policy rates and the employer normal cost rates is 1.68% of payroll in the aggregate. Annualized payroll in fiscal year 2005 for active participants amounted to \$146,189,710, and application of the salary scale to this figure produces a projected fiscal year 2006 compensation for active participants of \$154,376,334. The product of 1.68% and

this figure, \$2,593,522, exceeds non-investment expenses incurred by the System in fiscal year 2005, \$367,810, by an ample margin.

SECTION VI - EXPERIENCE

Records are maintained whereby the actual experience of the System may be compared with the expected experience based on the tables adopted by the Board of Trustees. This experience will be reviewed in periodic experience studies, and any change in assumptions suggested by the cumulative experience of the System will be brought to the Board's attention in reports on the results of these studies.

SECTION VII - ACCOUNTING INFORMATION

1. Based on our interpretation of Statement No. 25 of the Governmental Accounting Standards Board, we are providing the following Schedule of Funding Progress for accounting purposes:

SCHEDULE OF FUNDING PROGRESS

(dollar amounts in thousands)

Year Ended June 30	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
2005	\$259,076	\$248,140	(10,936)	104.4%	146,190	-7.5%
2004	232,890	225,092	(7,798)	103.5%	135,351	-5.8%
2003	222,854	218,533	(4,321)	102.0%	126,216	-3.4%
2002	193,278	176,109	(17,169)	109.7%	106,986	-16.0%
2001	177,928	158,786	(19,142)	112.1%	101,873	-18.8%
2000	161,900	138,697	(23,203)	116.7%	87,147	-26.6%
1999	137,454	114,481	(22,973)	124.6%	70,808	-32.4%
1998	113,678	102,005	(11,673)	111.4%	87,328	-17.3%
1997	96,196	85,686	(10,510)	112.3%	70,800	-14.8%
1996	81,396	73,401	(7,995)	110.9%	68,700	-11.6%
1995	70,082	67,039	(3,043)	104.5%	79,056	-4.9%

2. GASB Statement No. 27 requires the development of Annual Pension Cost and Net Pension Obligation (NPO). This development is shown in the following table.

DEVELOPMENT OF PENSION COST AND NET PENSION OBLIGATION (NPO)

Year Ended June 30	Annual Required Contribution	Interest on NPO	Amortization of NPO	Pension Cost (1)+(2)-(3)	Actual Contribution	Change in NPO (4)-(5)	NPO Balance
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1991	\$2,217,796	- \$ 0 -	- \$ 0 -	\$ 2,217,796	\$ 2,217,796	- \$ 0 -	- \$ 0 -
1992	2,496,559	- 0 -	- 0 -	2,496,559	2,496,559	- 0 -	- 0 -
1993	2,692,159	- 0 -	- 0 -	2,692,159	2,692,159	- 0 -	- 0 -
1994	3,003,674	- 0 -	- 0 -	3,003,674	3,003,674	- 0 -	- 0 -
1995	3,045,585	- 0 -	- 0 -	3,045,585	3,045,585	- 0 -	- 0 -
1996	3,365,821	- 0 -	- 0 -	3,365,821	3,365,821	- 0 -	- 0 -
1997	3,541,693	- 0 -	- 0 -	3,541,693	3,541,693	- 0 -	- 0 -
1998	3,665,833	- 0 -	- 0 -	3,665,833	3,665,833	- 0 -	- 0 -
1999	4,233,559	- 0 -	- 0 -	4,233,559	4,233,559	- 0 -	- 0 -
2000	4,788,671	- 0 -	- 0 -	4,788,671	4,788,671	- 0 -	- 0 -
2001	4,571,993	- 0 -	- 0 -	4,571,993	4,571,993	- 0 -	- 0 -
2002	4,984,484	- 0 -	- 0 -	4,984,484	4,984,484	- 0 -	- 0 -
2003	5,854,111	- 0 -	- 0 -	5,854,111	5,854,111	- 0 -	- 0 -
2004	6,616,630	- 0 -	- 0 -	6,616,630	6,616,630	- 0 -	- 0 -
2005	7,359,628	- 0 -	- 0 -	7,359,628	7,359,628	- 0 -	- 0 -

SCHEDULE A

VALUATION BALANCE SHEET
SHOWING THE ASSETS AND LIABILITIES OF THE
VERMONT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM
PREPARED AS OF JULY 1, 2005

VALUATION BALANCE SHEET
 SHOWING THE ASSETS AND ACCRUED LIABILITIES OF THE
 VERMONT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM
 PREPARED AS OF JULY 1, 2005

ASSETS

Adjusted assets of the system		\$ 259,076,140
Present value of prospective contributions		
Members	\$47,260,489	
Employer		
Accrued liability contributions	(10,935,663)	
Normal contributions	<u>34,319,091</u>	
Total prospective contributions		<u>\$70,643,917</u>
Total assets		<u>\$329,720,057</u>

LIABILITIES

Actuarial present value of benefits payable on account of present retired members, terminated vested members and beneficiaries		\$ 66,685,931
Actuarial present value of benefits expected to become payable on account of active and inactive members		<u>263,034,126</u>
Total liabilities		<u>\$329,720,057</u>

SCHEDULE B

OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

INTEREST RATE: 8% per annum, compounded annually.

SEPARATIONS FROM SERVICE: Representative values of the assumed annual rates of withdrawal, and disability and death are as follows:

Withdrawal			Disability		
Age	Males %	Females %	Age	Males %	Females %
25	15.00%	18.00%	25	0.01%	0.01%
30	15.00	16.00	30	0.01	0.02
35	14.00	11.00	35	0.02	0.04
40	8.00	8.00	40	0.03	0.05
45	8.00	8.00	45	0.05	0.08
50	6.50	6.50	50	0.09	0.15
55	5.00	5.00	55	0.18	0.24
60	3.50	3.50	60	0.32	0.29

Retirement							
Age	Group A	Group B	Groups C and D	Age	Group A	Group B	Groups C and D
55	2.0%	2.0%	15.0%	63	20.0%	25.0%	25.0%
56	2.0	2.0	10.0	64	20.0	25.0	25.0
57	2.0	2.0	10.0	65	40.0	50.0	100.0
58	2.0	2.0	10.0	66	25.0	25.0	100.0
59	2.0	2.0	10.0	67	25.0	25.0	100.0
60	5.0	5.0	15.0	68	25.0	25.0	100.0
61	5.0	5.0	10.0	69	25.0	25.0	100.0
62	20.0	50.0	25.0	70	100.0	100.0	100.0

SALARY INCREASES: 5.6% per year.

DEATHS: According to the 1995 Buck Mortality Tables for Males and Females for healthy lives and according to the RP-2000 Disabled Life Tables for disabled lives.

FUTURE EXPENSES: Expense adjustment based on actual expenses for previous year and added to normal cost of each Group.

ACTUARIAL COST METHOD: Projected benefit cost method. The unfunded accrued liability is amortized with payments that are assumed to increase by 5.6% per year.

SPOUSE'S AGE: Husbands are assumed to be 3 years older than their wives.

PERCENT MARRIED: 85% of male members and 50% of female members are assumed to be married.

COST-OF-LIVING ADJUSTMENTS TO BENEFITS OF TERMINATED VESTED AND RETIRED PARTICIPANTS: Assumed to occur at the rate of 1.5% per annum for Group A members and 1.8% per annum for members of Groups B, C and D.

ASSET VALUATION METHOD: A smoothing method is used, under which the value assets for actuarial purposes equals market value less a five-year phase-in of the differences between actual and assumed investment return. This method was restarted with the valuation of July 1, 2004.

INACTIVE MEMBERS: A liability of 150% of accumulated contributions with interest is maintained for inactive participants.

SCHEDULE C

BRIEF SUMMARY OF PRINCIPAL PLAN PROVISIONS
AS INTERPRETED FOR VALUATION PURPOSES

SUMMARY OF BENEFIT PROVISIONS
AS INTERPRETED FOR VALUATION PURPOSES

Effective Date	July 1, 1975
Creditable Service	Service as a member plus purchased service.
Membership	Full time employees of participating municipalities. Municipality elects coverage under Groups A, B or C provisions.
Average Final Compensation (AFC)	<p>Groups A - average annual compensation during highest 5 consecutive years.</p> <p>Groups B and C - average annual compensation during highest 3 consecutive years.</p> <p>Group D - average annual compensation during highest 2 consecutive years.</p>
Service Retirement Allowance	
Eligibility	<p>Group A – The earlier of age 65 with 5 years of service or age 55 with 35 years of service.</p> <p>Group B – The earlier of age 62 with 5 years of service or age 55 with 30 years of service.</p> <p>Groups C and D - Age 55 with 5 years of service.</p>
Amount	<p>Group A - 1.4% of AFC times service.</p> <p>Group B - 1.7% of AFC times service as Group B member plus percentage earned as Group A member times AFC.</p> <p>Group C - 2.5% of AFC times service as a Group C member plus percentage earned as a Group A or B member times AFC.</p> <p>Group D - 2.5% of AFC times service as a Group D member plus percentage earned as a Group A, B or C member times AFC.</p>

Maximum benefit is 60% of AFC for Groups A and B and 50% of AFC for Groups C and D. The above amounts include the portion of the allowance provided by member contributions.

Early Retirement Allowance

Eligibility Age 55 with 5 years of service for Groups A and B; age 50 with 20 years of service for Group D.

Amount Normal allowance based on service and AFC at early retirement, reduced by 6% for each year commencement precedes Normal Retirement Age for Group A and B members, and payable without reduction to Group D members

Vested Retirement Allowance

Eligibility 5 years of service.

Amount Allowance beginning at normal retirement age based on AFC and service at termination. The AFC is to be adjusted annually by one-half of the percentage change in the Consumer Price Index, subject to the limits on "Post-Retirement Adjustments" described below.

Disability Retirement Allowance

Eligibility 5 years of service and disability as determined by Retirement Board.

Amount Immediate allowance based on AFC and service to date of disability; children's benefit of 10% of AFC payable to up to three minor children (or children up to age 23 if enrolled in full-time studies) of a disabled Group D member.

Death Benefit

Eligibility Death after 5 years of service.

Amount For Groups A, B and C, reduced early retirement allowance under 100% survivor option commencing immediately or, if greater, survivor's benefit under disability annuity computed as of date of death. For Group D, 70% of the unreduced accrued benefit plus children's benefit.

Optional Benefit and Death after Retirement

For Groups A, B and C, lifetime allowance or actuarially equivalent 50% or 100% joint and survivor allowance with refund of contribution guarantee. For Group D, lifetime allowance or 70% contingent annuitant option with no reduction.

Refund of Contribution

Upon termination, if the member so elects or if no other benefit is payable, the member's accumulated contributions are refunded.

Post-Retirement Adjustments

Allowances in payment for at least one year increased on each January 1 by one-half of the percentage increase in consumer price index but not more than 2% for Group A and 3% for Groups B, C and D.

Member Contributions

Group A – 2.5% (reduced from 3.0% effective July 1, 2000).

Group B - 4.5% (reduced from 5.0% effective July 1, 2000).

Group C – 9.0% (reduced from 11.0% effective July 1, 2000).

Group D - 11.0%

SCHEDULE D

SUMMARY TABLES OF MEMBER DATA AS OF JULY 1, 2005

TABLE 1
THE NUMBER AND ANNUAL COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY AGE AND SERVICE
AS OF JULY 1, 2005

AGE	<i>0 to 4</i>		<i>5 to 9</i>		<i>10 to 14</i>		<i>15 to 19</i>		<i>20 to 24</i>		<i>25 to 29</i>		<i>30 to 34</i>		<i>35 to 39</i>		<i>40 & up</i>		<i>Total</i>	
	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary
Under 20	6	73,405	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	73,405
20 to 24	180	2,663,456	1	11,403	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181	2,674,859
25 to 29	311	5,736,093	26	678,426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	337	6,414,520
30 to 34	324	6,494,103	82	2,491,908	15	424,736	1	33,803	0	0	0	0	0	0	0	0	0	0	422	9,444,551
35 to 39	410	7,919,300	137	3,573,597	53	1,961,807	26	1,005,486	1	31,190	0	0	0	0	0	0	0	0	627	14,491,380
40 to 44	478	9,666,166	215	4,773,163	79	2,211,199	63	2,275,485	15	611,503	5	215,779	0	0	0	0	0	0	855	19,753,294
45 to 49	475	9,632,600	270	6,378,332	135	3,814,755	87	2,839,932	42	1,681,297	29	1,120,615	2	82,682	0	0	0	0	1,040	25,550,214
50 to 54	363	7,317,064	243	5,761,701	157	4,230,598	125	3,943,532	36	1,303,853	40	1,668,850	16	728,049	0	0	0	0	980	24,953,646
55 to 59	279	5,766,106	163	4,158,874	129	3,316,619	135	3,638,358	38	1,424,879	26	996,510	15	723,403	8	353,374	0	0	793	20,378,123
60 to 64	124	2,363,276	87	1,940,656	69	1,773,095	81	2,184,149	34	1,086,600	19	711,348	12	511,514	4	166,535	2	67,414	432	10,804,587
65 to 69	25	466,686	21	420,707	26	640,796	15	456,059	12	349,335	8	246,806	3	103,369	2	104,102	0	0	112	2,787,860
70 & up	17	321,421	5	121,870	4	94,484	8	197,066	1	17,277	0	0	3	69,920	2	62,527	0	0	40	884,562
TOTAL	2,992	58,419,675	1,250	30,310,637	667	18,468,089	541	16,573,869	179	6,505,934	127	4,959,908	51	2,218,937	16	686,537	2	67,414	5,825	138,211,001

TABLE 2
THE NUMBER AND ANNUAL COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY AGE AND SERVICE
AS OF JULY 1, 2005

GROUP A

AGE	<i>0 to 4</i>		<i>5 to 9</i>		<i>10 to 14</i>		<i>15 to 19</i>		<i>20 to 24</i>		<i>25 to 29</i>		<i>30 to 34</i>		<i>35 to 39</i>		<i>40 & up</i>		<i>Total</i>	
	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary
Under 20	3	22,339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	22,339
20 to 24	92	1,100,527	1	11,403	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	1,111,930
25 to 29	149	2,091,609	11	220,941	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160	2,312,550
30 to 34	140	2,144,380	29	634,765	9	213,402	0	0	0	0	0	0	0	0	0	0	0	0	178	2,992,547
35 to 39	209	3,211,099	50	1,139,410	16	382,693	8	276,682	1	31,190	0	0	0	0	0	0	0	0	284	5,041,074
40 to 44	239	3,909,736	103	1,997,773	32	697,181	21	575,278	5	177,620	1	30,851	0	0	0	0	0	0	401	7,388,440
45 to 49	236	4,000,886	110	2,250,263	63	1,389,116	32	759,521	13	478,742	6	207,020	0	0	0	0	0	0	460	9,085,547
50 to 54	161	2,952,395	121	2,345,585	60	1,292,489	57	1,496,868	17	550,017	8	291,461	6	284,387	0	0	0	0	430	9,213,200
55 to 59	144	2,599,939	80	1,669,848	53	1,119,192	70	1,507,047	13	357,918	10	306,012	2	75,942	2	87,219	0	0	374	7,723,117
60 to 64	54	881,242	42	909,241	34	746,830	41	896,175	12	310,897	7	239,999	1	32,074	2	72,157	1	22,034	194	4,110,649
65 to 69	17	293,920	9	145,515	8	189,575	10	221,733	5	118,718	4	96,873	0	0	1	44,132	0	0	54	1,110,466
70 & up	8	109,409	3	48,914	3	81,082	5	112,689	1	17,277	0	0	2	50,998	1	28,630	0	0	23	448,998
TOTAL	1,452	23,317,480	559	11,373,657	278	6,111,560	244	5,845,992	67	2,042,379	36	1,172,217	11	443,400	6	232,138	1	22,034	2,654	50,560,857

TABLE 3
THE NUMBER AND ANNUAL COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY AGE AND SERVICE
AS OF JULY 1, 2005

GROUP B

AGE	<i>0 to 4</i>		<i>5 to 9</i>		<i>10 to 14</i>		<i>15 to 19</i>		<i>20 to 24</i>		<i>25 to 29</i>		<i>30 to 34</i>		<i>35 to 39</i>		<i>40 & up</i>		<i>Total</i>	
	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary
Under 20	2	28,939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	28,939
20 to 24	72	1,092,771	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	1,092,771
25 to 29	119	2,186,794	14	413,517	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	2,600,311
30 to 34	147	3,028,588	41	1,359,389	5	164,306	1	33,803	0	0	0	0	0	0	0	0	0	0	194	4,586,087
35 to 39	153	3,033,843	77	2,038,905	31	1,277,253	13	493,349	0	0	0	0	0	0	0	0	0	0	274	6,843,350
40 to 44	199	4,195,023	104	2,470,861	41	1,211,980	34	1,353,750	8	320,141	4	184,927	0	0	0	0	0	0	390	9,736,682
45 to 49	206	4,429,985	144	3,403,291	58	1,672,995	42	1,434,764	20	830,728	16	558,723	1	40,885	0	0	0	0	487	12,371,371
50 to 54	181	3,563,027	108	2,864,739	82	2,252,071	53	1,799,606	16	636,369	22	928,951	10	443,663	0	0	0	0	472	12,488,425
55 to 59	120	2,565,534	75	2,124,553	66	1,787,125	53	1,647,208	21	865,498	11	409,326	9	471,260	5	222,853	0	0	360	10,093,359
60 to 64	65	1,329,424	43	974,125	30	832,598	32	970,638	18	613,365	10	362,527	6	252,307	1	38,132	1	45,380	206	5,418,497
65 to 69	7	148,410	12	275,192	15	340,217	4	156,266	7	230,617	3	70,193	2	59,467	1	59,970	0	0	51	1,340,332
70 & up	7	134,709	1	22,509	1	13,401	3	84,377	0	0	0	0	1	18,922	1	33,897	0	0	14	307,815
TOTAL	1,278	25,737,048	619	15,947,080	329	9,551,945	235	7,973,762	90	3,496,719	66	2,514,647	29	1,286,505	8	354,852	1	45,380	2,655	66,907,938

TABLE 4
THE NUMBER AND ANNUAL COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY AGE AND SERVICE
AS OF JULY 1, 2005

GROUP C

AGE	<i>0 to 4</i>		<i>5 to 9</i>		<i>10 to 14</i>		<i>15 to 19</i>		<i>20 to 24</i>		<i>25 to 29</i>		<i>30 to 34</i>		<i>35 to 39</i>		<i>40 & up</i>		<i>Total</i>	
	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary
Under 20	1	22,127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	22,127
20 to 24	11	299,868	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	299,868
25 to 29	34	1,131,298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	1,131,298
30 to 34	28	939,301	10	398,387	1	47,028	0	0	0	0	0	0	0	0	0	0	0	0	39	1,384,716
35 to 39	41	1,411,971	9	346,165	6	301,861	5	235,454	0	0	0	0	0	0	0	0	0	0	61	2,295,451
40 to 44	28	1,042,232	6	210,078	5	246,365	7	284,392	2	113,742	0	0	0	0	0	0	0	0	48	1,896,809
45 to 49	31	1,084,758	13	556,274	9	448,412	11	512,014	9	371,827	7	354,873	1	41,797	0	0	0	0	81	3,369,954
50 to 54	19	685,786	13	480,867	12	547,176	13	553,191	3	117,468	10	448,438	0	0	0	0	0	0	70	2,832,926
55 to 59	14	556,297	7	311,727	9	345,006	12	484,103	4	201,462	5	281,172	4	176,201	1	43,302	0	0	56	2,399,270
60 to 64	5	152,610	2	57,291	4	144,260	8	317,335	4	162,338	2	108,821	5	227,133	1	56,245	0	0	31	1,226,034
65 to 69	1	24,356	0	0	3	111,004	1	78,060	0	0	1	79,740	1	43,902	0	0	0	0	7	337,063
70 & up	2	77,302	1	50,447	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	127,749
TOTAL	215	7,427,906	61	2,411,236	49	2,191,113	57	2,464,550	22	966,836	25	1,273,043	11	489,033	2	99,547	0	0	442	17,323,264

TABLE 5
 THE NUMBER AND ANNUAL COMPENSATION OF
 ACTIVE MEMBERS DISTRIBUTED BY AGE AND SERVICE
 AS OF JULY 1, 2005

GROUP D

AGE	<i>0 to 4</i>		<i>5 to 9</i>		<i>10 to 14</i>		<i>15 to 19</i>		<i>20 to 24</i>		<i>25 to 29</i>		<i>30 to 34</i>		<i>35 to 39</i>		<i>40 & up</i>		<i>Total</i>		
	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	No.	Salary	
Under 20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 to 24	5	170,290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	170,290	
25 to 29	9	326,392	1	43,969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	370,361	
30 to 34	9	381,834	2	99,368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	481,201	
35 to 39	7	262,388	1	49,117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	311,505	
40 to 44	12	519,174	2	94,451	1	55,673	1	62,065	0	0	0	0	0	0	0	0	0	0	16	731,364	
45 to 49	2	116,971	3	168,503	5	304,233	2	133,634	0	0	0	0	0	0	0	0	0	0	12	723,342	
50 to 54	2	115,856	1	70,510	3	138,862	2	93,867	0	0	0	0	0	0	0	0	0	0	8	419,095	
55 to 59	1	44,335	1	52,747	1	65,296	0	0	0	0	0	0	0	0	0	0	0	0	3	162,378	
60 to 64	0	0	0	0	1	49,407	0	0	0	0	0	0	0	0	0	0	0	0	1	49,407	
65 to 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
70 & up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	47	1,937,241	11	578,664	11	613,471	5	289,566	0	0	0	0	0	0	0	0	0	0	74	3,418,942	

TABLE 6

SUMMARY OF RETIRED MEMBER AND BENEFICIARY DATA
BY ATTAINED AGE AS OF JULY 1, 2005

Age	Service Pensioners		Disability Pensioners		Beneficiaries	
	Number	Annual Allowance	Number	Annual Allowance	Number	Annual Allowance
30 and Under	-	\$ -	-	\$ -	1	\$ 1,618
31	-	-	-	-	1	1,517
39	-	-	-	-	1	5,221
40	-	-	1	1,676	-	-
44	-	-	-	-	1	2,720
45	-	-	1	9,280	-	-
47	-	-	-	-	1	937
48	-	-	-	-	1	12,730
50	-	-	-	-	1	4,562
51	-	-	1	6,129	2	5,771
52	-	-	1	5,898	3	11,894
54	1	3,069	-	-	1	2,176
55	-	-	2	12,014	-	-
56	2	50,287	1	2,734	1	1,518
57	11	81,292	-	-	1	5,039
58	11	88,074	-	-	1	2,614
59	5	32,142	2	5,528	3	11,641
60	13	82,977	3	8,584	5	27,124
61	11	85,776	3	14,651	1	8,020
62	17	117,615	1	5,553	2	2,362
63	25	187,030	2	7,837	-	-
64	40	336,454	2	6,211	3	4,489
65	34	219,848	1	5,394	2	6,557
66	40	281,318	4	16,148	2	6,175
67	60	298,800	2	6,037	4	11,575
68	55	334,044	-	-	4	17,515
69	49	290,598	3	8,004	3	11,407
70	62	323,811	1	5,100	2	9,209
71	44	264,382	-	-	2	11,400
72	40	202,376	1	1,857	6	37,930
73	43	250,816	-	-	2	6,101
74	52	232,437	1	3,378	3	9,479
75	49	242,989	1	4,042	6	22,548
76	48	202,574	2	8,081	3	10,681
77	40	218,622	-	-	1	919
78	24	93,898	-	-	7	17,480
79	21	89,124	-	-	1	3,046
80	30	147,819	-	-	2	3,155
81	24	106,689	-	-	3	5,197
82	15	50,105	-	-	2	4,767
83	13	29,374	-	-	1	5,164
84	9	28,638	-	-	3	6,402
85	12	43,151	-	-	3	9,143

TABLE 6, continued

SUMMARY OF RETIRED MEMBER AND BENEFICIARY DATA
BY ATTAINED AGE AS OF JULY 1, 2005

Age	Service Pensioners		Disability Pensioners		Beneficiaries	
	Number	Annual Allowance	Number	Annual Allowance	Number	Annual Allowance
86	18	49,099	-	-	-	-
87	9	33,486	-	-	2	2,720
88	6	10,728	-	-	-	-
89	4	9,613	-	-	2	2,647
90	7	15,383	1	5,375	-	-
91	2	3,365	-	-	2	1,877
92	4	6,022	-	-	-	-
93	1	999	-	-	-	-
94	1	980	-	-	1	702
99	1	656	-	-	-	-
102	1	2,373	-	-	-	-
Total	954	5,148,833	37	149,511	99	335,749

TABLE 7
SUMMARY OF RETIRED MEMBER AND BENEFICIARY DATA
BY ATTAINED AGE AS OF JULY 1, 2005

GROUP A

Age	Service Pensioners		Disability Pensioners		Beneficiaries	
	Number	Annual Allowance	Number	Annual Allowance	Number	Annual Allowance
30 and Under	-	\$ -	-	\$ -	-	\$ -
40	-	-	1	1,676	-	-
44	-	-	-	-	1	2,720
45	-	-	1	9,280	-	-
51	-	-	-	-	1	2,676
52	-	-	-	-	1	1,109
54	1	3,069	-	-	-	-
55	-	-	1	4,894	-	-
56	-	-	1	2,734	-	-
57	2	2,999	-	-	-	-
58	-	-	-	-	1	2,614
59	-	-	2	5,528	2	8,412
60	7	15,404	3	8,584	2	12,320
61	5	17,402	2	10,540	-	-
62	4	12,596	-	-	1	1,476
63	8	22,852	1	6,355	-	-
64	7	57,144	1	4,290	2	2,695
65	9	47,163	-	-	2	6,557
66	13	65,046	1	2,552	1	2,861
67	22	56,177	1	2,814	2	2,605
68	20	77,830	-	-	2	4,884
69	15	42,378	2	5,673	-	-
70	31	122,805	1	5,100	1	2,018
71	13	41,882	-	-	1	3,228
72	16	60,464	1	1,857	3	5,175
73	16	58,311	-	-	1	3,119
74	26	85,634	1	3,378	2	3,040
75	23	61,030	1	4,042	2	7,401
76	18	55,005	2	8,081	2	4,103
77	24	131,650	-	-	1	919
78	11	33,603	-	-	7	17,480
79	12	42,442	-	-	1	3,046
80	18	85,457	-	-	2	3,155
81	17	72,390	-	-	3	5,197
82	14	46,841	-	-	2	4,767
83	12	28,208	-	-	-	-
84	9	28,638	-	-	2	3,206
85	12	43,151	-	-	3	9,143
86	18	49,099	-	-	-	-
87	8	31,284	-	-	1	1,460
88	5	8,159	-	-	-	-
89	4	9,613	-	-	2	2,647
90	6	13,852	1	5,375	-	-

TABLE 7, continued

SUMMARY OF RETIRED MEMBER AND BENEFICIARY DATA
BY ATTAINED AGE AS OF JULY 1, 2005

GROUP A

Age	Service Pensioners		Disability Pensioners		Beneficiaries	
	Number	Annual Allowance	Number	Annual Allowance	Number	Annual Allowance
91	2	3,365	-	-	2	1,877
92	4	6,022	-	-	-	-
93	1	999	-	-	-	-
94	1	980	-	-	1	702
99	1	656	-	-	-	-
102	1	2,373	-	-	-	-
Total	436	1,543,973	24	92,753	58	134,129

TABLE 8
SUMMARY OF RETIRED MEMBER AND BENEFICIARY DATA
BY ATTAINED AGE AS OF JULY 1, 2005

GROUP B

Age	Service Pensioners		Disability Pensioners		Beneficiaries	
	Number	Annual Allowance	Number	Annual Allowance	Number	Annual Allowance
30 and Under	-	\$ -	-	\$ -	1	\$ 1,618
39	-	-	-	-	1	5,221
47	-	-	-	-	1	937
50	-	-	-	-	1	4,562
51	-	-	1	6,129	1	3,095
52	-	-	1	5,898	1	5,765
54	-	-	-	-	1	2,176
55	-	-	1	7,120	-	-
56	1	22,181	-	-	1	1,518
57	4	30,250	-	-	-	-
58	7	64,862	-	-	-	-
59	4	30,048	-	-	1	3,229
60	1	1,252	-	-	3	14,804
61	4	49,974	1	4,111	1	8,020
62	7	56,539	1	5,553	1	886
63	15	146,059	1	1,482	-	-
64	26	206,615	1	1,921	1	1,794
65	22	144,583	1	5,394	-	-
66	21	167,892	3	13,596	-	-
67	35	224,645	1	3,223	2	8,970
68	29	213,674	-	-	2	12,631
69	30	221,324	1	2,331	2	8,167
70	24	107,412	-	-	1	7,191
71	27	173,689	-	-	1	8,172
72	21	110,942	-	-	3	32,755
73	26	187,171	-	-	1	2,982
74	26	146,803	-	-	1	6,439
75	24	174,792	-	-	3	10,795
76	27	132,117	-	-	1	6,578
77	16	86,972	-	-	-	-
78	12	50,401	-	-	-	-
79	9	46,682	-	-	-	-
80	12	62,362	-	-	-	-
81	7	34,299	-	-	-	-
82	1	3,264	-	-	-	-
83	1	1,166	-	-	1	5,164
84	-	-	-	-	1	3,196
87	1	2,202	-	-	1	1,260
88	1	2,569	-	-	-	-
90	1	1,531	-	-	-	-
Total	442	2,904,272	13	56,758	35	167,925

TABLE 9
SUMMARY OF RETIRED MEMBER AND BENEFICIARY DATA
BY ATTAINED AGE AS OF JULY 1, 2005

GROUP C

Age	Service Pensioners		Disability Pensioners		Beneficiaries	
	Number	Annual Allowance	Number	Annual Allowance	Number	Annual Allowance
30 and Under	-	\$ -	-	\$ -	-	\$ -
48	-	-	-	-	1	12,730
52	-	-	-	-	1	5,020
56	1	28,106	-	-	-	-
57	5	48,043	-	-	1	5,039
58	4	23,212	-	-	-	-
59	1	2,094	-	-	-	-
60	5	66,321	-	-	-	-
61	2	18,400	-	-	-	-
62	6	48,480	-	-	-	-
63	2	18,119	-	-	-	-
64	7	72,695	-	-	-	-
65	3	28,102	-	-	-	-
66	6	48,380	-	-	1	3,314
67	3	17,978	-	-	-	-
68	6	42,540	-	-	-	-
69	4	26,896	-	-	1	3,240
70	7	93,594	-	-	-	-
71	4	48,811	-	-	-	-
72	3	30,970	-	-	-	-
73	1	5,334	-	-	-	-
75	2	7,167	-	-	1	4,352
76	3	15,452	-	-	-	-
78	1	9,894	-	-	-	-
Total	76	700,588	-	-	6	33,695

TABLE 10
SUMMARY OF RETIRED MEMBER AND BENEFICIARY DATA
BY YEAR OF RETIREMENT

Year of Retirement	Number	Annual Allowance	Average Allowance
1975	-	\$ -	
1978	3	3,627	1,209
1979	2	3,955	1,978
1980	12	29,742	2,479
1981	7	12,835	1,834
1982	12	23,463	1,955
1983	9	15,922	1,769
1984	8	21,698	2,712
1985	13	29,777	2,291
1986	16	43,030	2,689
1987	10	25,849	2,585
1988	24	79,773	3,324
1989	25	107,659	4,306
1990	26	121,950	4,690
1991	36	135,526	3,765
1992	32	122,451	3,827
1993	45	199,575	4,435
1994	63	332,797	5,282
1995	73	359,116	4,919
1996	50	236,278	4,726
1997	67	331,484	4,948
1998	66	348,590	5,282
1999	67	385,809	5,758
2000	57	322,530	5,658
2001	65	382,735	5,888
2002	114	706,733	6,199
2003	118	734,742	6,227
2004	68	514,792	7,570
Total	1,090	5,634,093	5,169