

**Municipal Employees' Retirement System
State of Rhode Island**

ACTUARIAL VALUATION

June 30, 2003



GABRIEL, ROEDER, SMITH & COMPANY

Consultants & Actuaries

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October 18, 2004

Retirement Board
40 Fountain Street, First Floor
Providence, RI 02903-1854

Dear Members of the Board:

Subject: Actuarial Valuation of MERS as of June 30, 2003

This is the June 30, 2003 actuarial valuation of the Municipal Employees' Retirement System (MERS). Separate liabilities and contribution rates are determined for each of the participating units. Valuations are prepared annually as of June 30, the last day of the plan year.

Under Rhode Island General Laws, the employer contribution rates for the units participating in MERS are certified annually by the State of Rhode Island Retirement Board. These rates are determined actuarially, based on the plan provisions in effect as of the valuation date and the actuarial assumptions and methodology adopted by the Board. Where known, we have also reflected adoption of a COLA provision or the 20-year retirement provision, even if the effective date was after the valuation date. The Board's current policy is that the contribution rates determined by a given actuarial valuation become effective two years after the valuation date. For example, the rates determined by this June 30, 2003 actuarial valuation will be applicable for the year beginning July 1, 2005 and ending June 30, 2006.

Financing objectives and funding policy

The actuarial cost method and the amortization periods are set by board policy. Contribution rates and liabilities are computed using the Entry Age actuarial cost method. The employer contribution rate is the sum of two pieces: the employer normal cost rate and the amortization rate. The normal cost rate is determined as a percent of pay. The employer normal cost is the difference between this and the member contribution rate. The amortization rate is determined as a level percent of pay. It is the amount required to amortize the unfunded actuarial accrued liability over a closed period (30 years as of June 30, 1999). The amortization rate is adjusted for the two-year deferral in contribution rates.

Progress toward realization of financing objectives

The funded ratio (the ratio of the actuarial value of assets to the actuarial accrued liability) is a standard measure of a plan's funded status. In the absence of benefit improvements, it should increase over time, until it reaches 100%. The funded ratio of the average unit in MERS is about 100%, a decrease from the prior year (111%).

There are currently 110 units participating in MERS, 66 covering general employees and 44 covering police and/or fire employees. Of these 110 units, 19 have no required contribution rate, one is a new unit, 13 had rate decreases and 77 had rate increases. Those rate increases were principally due to the actuarial investment losses in FY 2001 and FY 2002 being recognized in this valuation.

Benefit provisions

The benefit provisions reflected in this valuation are those which were in effect on June 30, 2003. We have also reflected the known adoption of COLA B, COLA C, or the 20-year retirement provision, even if the effective date and/or the adoption date occurred after the valuation date. The benefit provisions are summarized in Appendix B, and each unit's individual election is indicated by a code in column 4 on Table 1. Changes in elections are discussed on page 5.

Assumptions and methods

The actuarial assumptions were changed as a result of the experience study approved by the Board on August 11, 2004. Changes were made to the salary increase, termination, retirement, disability, and mortality rates. Also, the payroll growth assumption was increased. More detail on changes adopted as a result of the experience study is on page 6 in the discussion section of this report.

All assumptions and methods are summarized in Appendix A.

Data

The System's staff supplied data for retired, active and inactive members as of June 30, 2003. We did not audit this data, but we did apply a number of tests to the data, and we concluded that it was reasonable and consistent with the prior year's data. The System's staff also supplied asset data as of June 30, 2003.

Certification

All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of Rhode Island state law and, where

Members of the Board

October 18, 2004

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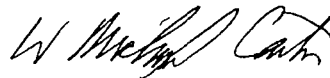
applicable, the Internal Revenue Code, ERISA, and the Statements of the Governmental Accounting Standards Board.

The undersigned are independent actuaries. Both are Members of the Society of Actuaries and Members of the American Academy of Actuaries, they both meet the Qualification Standards of the American Academy of Actuaries, and both are experienced in performing valuations for large public retirement systems.

Sincerely,
Gabriel, Roeder, Smith & Company



J. Christian Conradi, ASA, MAAA
Senior Consultant



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Senior Consultant

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Contribution Rates

The employer contribution rates for MERS are determined actuarially. The rates determined in this valuation become effective two years after the valuation date, i.e., as of July 1, 2005.

The rate consists of two pieces: the employer normal cost rate and the amortization rate. The normal cost and actuarial accrued liability are determined using the Entry Age actuarial cost method. The employer normal cost is the difference between (i) the normal cost rate, determined as a level percent of pay, and (ii) the member contribution rate. The unfunded actuarial accrued liability is amortized as a level percent of payroll over a closed period. The period is 30 years as measured from June 30, 1999, or 26 years as of the valuation date. The amortization rate is adjusted for the fact that the contribution rate set by this valuation is deferred for two years, and other amortization rates may apply for the next two years.

Table 1 shows the member contribution rate, the employer normal cost rate, the amortization rate and the total employer contribution rate. These rates are applicable to the fiscal year ending June 30, 2006. Table 2 compares the total employer contribution rate with those rates determined in the two prior actuarial valuations. Table 3 shows the components used to determine the employer contribution rate in dollar amounts. Finally, Table 5 shows the explanations of rate changes for each unit.

Financial Data and Experience

Assets for MERS are held in trust and are commingled with those of several other plans and programs—including the Employees' Retirement System of Rhode Island—for investment purposes. The State Treasurer is responsible for setting the asset allocation policy and for investing the funds. The System's staff determines a reserve for each unit, reflecting that unit's contributions and benefit payments, and reflecting the unit's share of the earnings, determined on a market-value basis.

Table 4 shows the net plan assets for each unit. Table 6 shows a historical summary of the return rates. (The fund earned 2.5% during the year ending June 30, 2003 on a market value basis and returned -0.7% on an actuarial value basis.)

The actuarial value of assets is determined by recognizing any difference between actual return and expected return (8.25% of market value) over a five-year period, 20% in each year. The market value for MERS as of June 30, 2003 was \$708 million while the actuarial value was \$886 million (125% of market). Therefore, a cumulative total of \$178 million in actuarial losses related to investment return has been deferred and will be recognized in the next four valuations. This will, all other things equal, tend to increase future contribution rates.

The System's staff provided all of the financial information used in this report. However, we adjusted the assets for East Greenwich and East Greenwich-COLA to reflect a pending asset transfer.

Member Data

The System's staff supplied member data as of June 30, 2003. While we did not audit this data, we did perform various tests to ensure that it was internally consistent, consistent with the prior year's data, and was reasonable overall. Information provided for active members includes: name, social security number, sex, a code indicating whether the member was active or inactive, date of birth, service, salary, and accumulated member contributions without interest.

Table 9 shows active member statistics for each unit, and Table 10 shows statistics on retirees and beneficiaries for each unit. Tables 11 and 12 show the distribution of active members by age and service, separately for general employees and for police and fire employees. Tables 13, 14, and 15 show summaries of the total membership data for general employee units (Table 13), for police and fire units (Table 14), and for all MERS units (Table 15).

The total payroll shown on the statistical tables is the amount that was supplied by the System's staff, annualized if necessary. For the cost calculations, the pays were adjusted in accordance with the actuarial assumptions to reflect one year's salary increase.

Benefit Provisions

Appendix B includes a summary of the benefit provisions for MERS. There were no material changes in the benefit provisions since the preceding valuation.

Individual units may elect certain optional provisions, including an annual benefit increase of 3% of the original benefit amount (i.e., a “simple” increase) applicable to future retirees only (COLA C), the same increase applicable to both current and future retirees (COLA B), or the 20-year retirement provision for police/fire units. Since the prior valuation, the following changes were made:

<u>Unit</u>	<u>Adopted</u>
Tiverton (#3033)	COLA C (Jan. 1, 2004)
Burrillville Housing (#3065)	COLA B (Jan. 1, 2004)
Central Falls Housing (#3096)	COLA C (Jan. 1, 2005)
Tiverton Fire (#4077)	COLA C (Jan. 1, 2004)
Lincoln Rescue (#4107)	COLA C (Jan. 1, 2004)

One new unit—Town of East Greenwich COLA—joined MERS since the prior valuation. No units closed or withdrew or merged or subdivided. Some employee groups were transferred from the East Greenwich to the Town of East Greenwich COLA.

There are no ancillary benefits—e.g., cost of living benefits—that are currently provided by a source independent of MERS but that might be deemed a MERS liability if continued beyond the availability of funding by the current funding source.

Actuarial Methods and Assumptions

Appendix A includes a summary of the actuarial assumptions and methods used in this valuation. Costs are determined using the Entry Age Normal actuarial cost method, this method was adopted effective June 30, 1999.

The method used to determine the actuarial value of assets is a five-year smoothed market method. This technique is further described in Section III of Appendix A.

Discussion of the Experience Study

Between the June 30, 2002 actuarial valuation and this report, the Retirement Board asked GRS to analyze the assumptions and methods used in the MERS actuarial valuation. The experience study was performed for the period June 30, 1996 to June 30, 2003. The study examined the assumptions used for expected investment rate, inflation rate, retirement, mortality, termination, disability, salary increases, payroll growth, and other miscellaneous assumptions.

Material changes were made to the payroll growth and salary increase assumptions. Changes were also made to the mortality rates used for disabled lives. The disability, termination, and retirement tables were adjusted to more closely reflect the plan experience.

All of the changes recommended by GRS were adopted by the Board except for GRS' recommendation to decrease the expected investment return assumption from 8.25% to 8.00%. Even though the Board did not accept this change, we still believe the 8.25% is a reasonable assumption and the results produced by the adopted assumptions are within the range of reasonableness.

GASB 25 and Funding Progress

Accounting requirements for MERS are set by Governmental Accounting Standards Board Statement No. 25 (GASB 25). Table 7 shows a summary of the funded ratios and other information for MERS as of June 30, 2003.

GASB 25 requires that plans calculate an Annual Required Contribution (ARC), and, if actual contributions received are less than the ARC, this must be disclosed. The ARC must be calculated in accordance with certain parameters. In particular, it must include a payment to amortize the unfunded actuarial accrued liability. This amortization payment eventually will have to be computed using a funding period no greater than 30 years, but a 40-year maximum amortization period may be used during a ten-year transition period. Further, the amortization payment included in the ARC may be computed as a level amount, or it may be computed as an amount that increases with payroll. However, if payments are computed on a level percent of payroll approach, the payroll growth assumption may not anticipate future membership growth.

For MERS, the calculated contribution rate shown in Table 1 is the ARC.

Other Observations and Comments

- A number of active employees were transferred from East Greenwich to East Greenwich COLA. We determined an amount of assets to be transferred in order to make the funded ratios for the two units, based on market values, the same for the two units. This transfer has been communicated to the staff, and will be made in the near future.
- Scituate Police has no active members, but does have retirees/beneficiaries covered by MERS. The actuarial value of assets is larger than the actuarial liability, so no funding is required.
- Tiogue Fire and Lighting also has no active members, but it has an inactive member. Its liability is less than the actuarial value of its assets, so no funding is required.
- Because the Town of Middletown covered additional employees in MERS who are not included in their data, and because they made special contributions after the valuation on their behalf, and because additional employees may be brought into MERS, their contribution rate may be revised in the future.
- Other changes made between this valuation and July 1, 2005 such as units adopting new benefits, mergers of units, spin offs from one unit into two units, etc. will also result in revisions of contribution rates.

**Contribution Rates
 For Fiscal Year Ending June 30, 2006**

Old Unit Number	New Unit Number	Unit	Code(s)	Member Rate	Employer Rate		
					Employer Normal Cost	Amortization Rate	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
General Employee Units							
3001	1002 1003	Barrington		6.00%	0.84%	(379.04%)	0.00%
3002	1012 1019	Bristol	B	7.00%	3.84%	1.35%	5.19%
3003	1032 1033	Burrillville	C	7.00%	5.36%	(4.71%)	0.65%
3004	1052	Central Falls		6.00%	2.48%	4.70%	7.18%
3005	1082	Charlestown	C	7.00%	3.54%	3.25%	6.79%
3007	1112 1113	Cranston	B	7.00%	5.23%	(5.15%)	0.08%
3008	1122 1123	Cumberland		6.00%	4.03%	3.37%	7.40%
3009	1152 1153	East Greenwich		6.00%	4.03%	(22.74%)	0.00%
3010	1162 1163	East Providence	B	7.00%	4.69%	6.15%	10.84%
3011	1183	Exeter/West Greenwich	B	7.00%	6.33%	0.50%	6.83%
3012	1192 1193	Foster		6.00%	4.41%	1.49%	5.90%
3013	1212 1213	Glocester	C	7.00%	5.35%	3.07%	8.42%
3014	1262	Hopkinton	C	7.00%	5.35%	(2.28%)	3.07%
3015	1272 1273	Jamestown	C	7.00%	4.94%	3.82%	8.76%
3016	1282 1283	Johnston	C	7.00%	5.33%	0.94%	6.27%
3017	1302 1303	Lincoln		6.00%	4.71%	0.86%	5.57%
3019	1322 1323	Middletown	C	7.00%	5.40%	(4.63%)	0.77%
3021	1352 1353 1354	Newport	B	7.00%	4.28%	4.71%	8.99%
3022	1342 1343	New Shoreham	B	7.00%	5.61%	1.53%	7.14%
3023	1372 1373	North Kingstown	C	7.00%	5.23%	3.89%	9.12%
3024	1382 1383	North Providence		6.00%	3.43%	(6.47%)	0.00%
3025	1392 1393	North Smithfield	B	7.00%	5.72%	(9.14%)	0.00%
3026	1412 1413	Pawtucket	C	7.00%	4.40%	1.16%	5.56%
3027	1515	Union Fire District		6.00%	3.36%	0.11%	3.47%
3029	1452	Richmond		6.00%	4.65%	(0.64%)	4.01%
3030	1462 1463	Scituate	B	7.00%	5.78%	1.50%	7.28%
3031	1472 1473	Smithfield		6.00%	4.43%	(9.51%)	0.00%
3032	1492 1493	South Kingstown	B	7.00%	4.96%	(1.90%)	3.06%
3033	1532 1533	Tiverton	C	7.00%	5.29%	(9.92%)	0.00%
3034	1562	Warren	C	7.00%	4.27%	5.87%	10.14%
3036	1622 1623	Westerly		6.00%	1.70%	50.63%	52.33%
3037	1602	West Greenwich		6.00%	4.13%	1.91%	6.04%
3039	1632 1633	Woonsocket	B	7.00%	5.00%	(7.45%)	0.00%
3040	1073	Charlho School District		6.00%	4.13%	(0.52%)	3.61%
3041	1203	Foster/Glocester	B	7.00%	5.91%	3.40%	9.31%
3042	1528	Tiogue Fire & Lighting	C,5	7.00%	0.00%	0.00%	0.00%
3043	1336	Narragansett Housing	C	7.00%	2.92%	1.17%	4.09%
3045	1098	Coventry Lighting District	C	7.00%	2.75%	(16.75%)	0.00%
3046	1242	Hope Valley Fire	C	7.00%	4.76%	(0.29%)	4.47%
3050	1156	East Greenwich Housing	C	7.00%	4.66%	6.28%	10.94%
3051	1116	Cranston Housing	C	7.00%	5.25%	(5.22%)	0.03%
3052	1166	East Providence Housing	B	7.00%	6.58%	(4.40%)	2.18%
3053	1416	Pawtucket Housing	B	7.00%	4.31%	(13.49%)	0.00%
3056	1126	Cumberland Housing	C	7.00%	6.54%	(1.97%)	4.57%
3057	1306	Lincoln Housing	B	7.00%	7.27%	(2.62%)	4.65%
3059	1016	Bristol Housing		6.00%	3.75%	(22.60%)	0.00%
3065	1036	Burrillville Housing	B	7.00%	5.38%	(12.49%)	0.00%
3066	1386	North Providence Housing	B	7.00%	6.32%	8.71%	15.03%
3067	1177	East Smithfield Water	C	7.00%	6.44%	(8.62%)	0.00%

**Contribution Rates
 For Fiscal Year Ending June 30, 2006**

Old Unit Number	New Unit Number	Unit	Code(s)	Member Rate	Employer Rate		Total
					Employer Normal Cost	Amortization Rate	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3068	1227	Greenville Water		6.00%	1.81%	(17.20%)	0.00%
3069	1356	Newport Housing	C	7.00%	5.24%	(2.78%)	2.46%
3071	1566	Warren Housing	B	7.00%	6.88%	(3.02%)	3.86%
3072	1286	Johnston Housing		6.00%	4.57%	(5.19%)	0.00%
3077	1538	Tiverton Local 2670A	C	7.00%	5.54%	0.79%	6.33%
3078	1007 1009	Barrington COLA	C	7.00%	5.41%	3.56%	8.97%
3079	1096	Coventry Housing		6.00%	3.57%	(5.01%)	0.00%
3080	1496	South Kingstown Housing	C	7.00%	7.29%	(1.56%)	5.73%
3081	1403	N. RI Collaborative Adm. Services	C	7.00%	6.50%	(1.03%)	5.47%
3083	1616	West Warwick Housing	B	7.00%	5.16%	0.79%	5.95%
3084	1476	Smithfield Housing		6.00%	2.37%	(3.02%)	0.00%
3094	1478	Smithfield COLA	C	7.00%	5.09%	(5.87%)	0.00%
3096	1056	Central Falls Housing	C	7.00%	5.59%	6.17%	11.76%
3098	1293	Lime Rock Administrative Services		6.00%	3.62%	(0.21%)	3.41%
3099	1063	Central Falls Schools	C	7.00%	5.63%	0.83%	6.46%
3100	1023	Bristol/Warren Schools	B	7.00%	6.14%	0.76%	6.90%
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	7.00%	4.76%	(4.20%)	0.56%
General Employee Units Averages				6.87%	4.86%	(1.06%)	4.77%
Police & Fire Units							
4016	1285	Johnston Fire	D	8.00%	10.40%	0.09%	10.49%
4029	1454	Richmond Fire District		7.00%	6.16%	8.74%	14.90%
4031	1474	Smithfield Police	C,D	9.00%	12.08%	0.95%	13.03%
4042	1555	Valley Falls Fire	D	8.00%	9.37%	6.28%	15.65%
4047	1395 1435	North Smithfield Voluntary Fire	B,D	9.00%	13.69%	4.21%	17.90%
4050	1155	East Greenwich Fire	C,D	9.00%	12.99%	9.29%	22.28%
4054	1154	East Greenwich Police	C,D	9.00%	13.37%	(0.46%)	12.91%
4055	1375	North Kingstown Fire	C,D	9.00%	13.12%	6.80%	19.92%
4056	1374	North Kingstown Police	C,D	9.00%	12.92%	4.69%	17.61%
4057	1235	Harris Fire Department	C	8.00%	8.17%	18.67%	26.84%
4058	1385	North Providence Fire	D	8.00%	9.06%	2.49%	11.55%
4059	1008	Barrington Fire (25)	C	8.00%	8.35%	(1.95%)	6.40%
4060	1004	Barrington Police	C,D	9.00%	13.14%	18.94%	32.08%
4061	1005	Barrington Fire (20)	C,D	9.00%	13.29%	(7.90%)	5.39%
4062	1564	Warren Police & Fire	C,D	9.00%	12.85%	12.12%	24.97%
4063	1494	South Kingstown Police	B,1	9.00%	12.94%	(2.92%)	10.02%
4073	1464	Scituate Police	3	7.00%	0.00%	0.00%	0.00%
4076	1394	North Smithfield Police	C,D	9.00%	13.37%	4.16%	17.53%
4077	1534	Tiverton Fire	C,D	9.00%	13.25%	(1.19%)	12.06%
4082	1194	Foster Police	C,D	9.00%	12.63%	(1.29%)	11.34%
4085	1634	Woonsocket Police	C,D	9.00%	12.71%	1.90%	14.61%
4086	1084	Charlestown Police	C,D	9.00%	13.33%	15.25%	28.58%
4087	1264	Hopkinton Police	C,D	9.00%	12.75%	(2.29%)	10.46%
4088	1214	Glocester Police	C,D	9.00%	12.86%	5.62%	18.48%
4089	1604	West Greenwich Police/Rescue	C,D	9.00%	13.27%	8.62%	21.89%
4090	1034	Burrillville Police	C,D	9.00%	13.22%	6.55%	19.77%
4091	1148	Cumberland Rescue	C,D	9.00%	13.56%	2.95%	16.51%
4092	1585	Washington Fire	D	8.00%	9.79%	3.36%	13.15%
4093	1635	Woonsocket Fire	C,D	9.00%	13.01%	2.52%	15.53%

**Contribution Rates
 For Fiscal Year Ending June 30, 2006**

Old Unit Number	New Unit Number	Unit	Code(s)	Member Rate	Employer Rate		Total
					Employer Normal Cost	Amortization Rate	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4094	1015	Bristol Fire	C	9.00%	9.13%	0.53%	9.66%
4095	1135	Cumberland Hill Fire	C,D	9.00%	12.30%	7.22%	19.52%
4096	1014	Bristol Police	C,D	9.00%	13.76%	(0.47%)	13.29%
4098	1095	Coventry Fire	D	8.00%	9.98%	7.44%	17.42%
4099	1505	South Kingstown EMT	C,D	9.00%	13.28%	(2.63%)	10.65%
4100	1525	Tiogue Fire		7.00%	5.97%	24.26%	30.23%
4101	1365	North Cumberland	D	8.00%	9.13%	5.40%	14.53%
4102	1045	Central Coventry Fire	C,D	9.00%	13.38%	2.14%	15.52%
4103	1255	Hopkins Hill Fire	D	8.00%	9.09%	5.14%	14.23%
4104	1114	Cranston Police	C,D,4	10.00%	12.20%	4.92%	17.12%
4105	1115	Cranston Fire	C,D,4	10.00%	12.48%	3.84%	16.32%
4106	1125	Cumberland Fire	B,D	9.00%	13.90%	8.83%	22.73%
4107	1305	Lincoln Rescue	C	8.00%	8.18%	6.13%	14.31%
4108	1344	New Shoreham Police	B,D	9.00%	12.25%	8.04%	20.29%
9710	1324	Middletown Police & Fire	C,D	9.00%	14.09%	(2.24%)	11.85%
Police & Fire Units Averages				9.00%	12.20%	3.87%	16.07%
All MERS Units Averages				7.31%	6.40%	(0.02%)	7.14%

B - Municipality has adopted COLA Plan B

C - Municipality has adopted COLA Plan C

D - Municipality has adopted the "20-year" optional Police & Fire Plan

*- There is no actives in unit 3042, this payment is the amortization amount amortized for 5 years.

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

Comparison of Employer Contribution Rates

Old Unit Number	New Unit Number	Unit	Code(s)	June 30, 2003 Actuarial Valuation, for FY2006	June 30, 2002 Actuarial Valuation, for FY2005	June 30, 2001 Actuarial Valuation, for FY2004
(1)	(2)	(3)	(4)	(6)	(7)	(8)
General Employee Units						
3001	1002 1003	Barrington		0.00%	0.00%	0.00%
3002	1012 1019	Bristol	B	5.19%	0.17%	0.00%
3003	1032 1033	Burrillville	C	0.65%	0.00%	0.00%
3004	1052	Central Falls		7.18%	4.94%	7.50%
3005	1082	Charlestown	C	6.79%	3.90%	1.78%
3007	1112 1113	Cranston	B	0.08%	0.00%	0.00%
3008	1122 1123	Cumberland		7.40%	4.65%	2.55%
3009	1152 1153	East Greenwich		0.00%	0.00%	0.00%
3010	1162 1163	East Providence	B	10.84%	7.43%	7.85%
3011	1183	Exeter/West Greenwich	B	6.83%	5.08%	4.01%
3012	1192 1193	Foster		5.90%	3.94%	1.03%
3013	1212 1213	Glocester	C	8.42%	5.51%	5.62%
3014	1262	Hopkinton	C	3.07%	0.00%	0.00%
3015	1272 1273	Jamestown	C	8.76%	5.12%	2.82%
3016	1282 1283	Johnston	C	6.27%	2.47%	0.00%
3017	1302 1303	Lincoln		5.57%	3.41%	3.47%
3019	1322 1323	Middletown	C	0.77%	1.64%	1.87%
3021	1352 1353 1354	Newport	B	8.99%	5.49%	3.61%
3022	1342 1343	New Shoreham	B	7.14%	3.23%	0.39%
3023	1372 1373	North Kingstown	C	9.12%	5.99%	1.90%
3024	1382 1383	North Providence		0.00%	0.00%	0.00%
3025	1392 1393	North Smithfield	B	0.00%	0.00%	0.00%
3026	1412 1413	Pawtucket	C	5.56%	1.70%	0.00%
3027	1515	Union Fire District		3.47%	0.00%	4.22%
3029	1452	Richmond		4.01%	1.52%	0.00%
3030	1462 1463	Scituate	B	7.28%	4.73%	0.00%
3031	1472 1473	Smithfield		0.00%	0.00%	0.00%
3032	1492 1493	South Kingstown	B	3.06%	0.32%	0.00%
3033	1532 1533	Tiverton	C	0.00%	0.00%	0.00%
3034	1562	Warren	C	10.14%	6.23%	6.16%
3036	1622 1623	Westerly		52.33%	41.62%	289.17%
3037	1602	West Greenwich		6.04%	3.36%	0.89%
3039	1632 1633	Woonsocket	B	0.00%	0.00%	0.00%
3040	1073	Chariho School District		3.61%	1.44%	0.00%
3041	1203	Foster/Glocester	B	9.31%	6.44%	10.52%
3042	1528	Tiogue Fire & Lighting	C,5	0.00%	N/A	N/A
3043	1336	Narragansett Housing	C	4.09%	2.20%	2.40%
3045	1098	Coventry Lighting District	C	0.00%	0.00%	0.00%
3046	1242	Hope Valley Fire	C	4.47%	4.10%	2.13%
3050	1156	East Greenwich Housing	C	10.94%	11.53%	21.00%
3051	1116	Cranston Housing	C	0.03%	0.00%	0.00%
3052	1166	East Providence Housing	B	2.18%	0.00%	0.00%
3053	1416	Pawtucket Housing	B	0.00%	0.00%	0.00%
3056	1126	Cumberland Housing	C	4.57%	1.11%	0.00%
3057	1306	Lincoln Housing	B	4.65%	0.00%	0.00%
3059	1016	Bristol Housing		0.00%	0.00%	0.00%
3065	1036	Burrillville Housing	B	0.00%	0.00%	0.00%
3066	1386	North Providence Housing	B	15.03%	12.42%	11.76%

Comparison of Employer Contribution Rates

Old Unit Number	New Unit Number	Unit	Code(s)	June 30, 2003 Actuarial Valuation, for FY2006	June 30, 2002 Actuarial Valuation, for FY2005	June 30, 2001 Actuarial Valuation, for FY2004
(1)	(2)	(3)	(4)	(6)	(7)	(8)
3067	1177	East Smithfield Water	C	0.00%	0.00%	0.00%
3068	1227	Greenville Water		0.00%	0.00%	0.00%
3069	1356	Newport Housing	C	2.46%	0.26%	0.00%
3071	1566	Warren Housing	B	3.86%	0.00%	0.00%
3072	1286	Johnston Housing		0.00%	0.00%	0.00%
3077	1538	Tiverton Local 2670A	C	6.33%	0.00%	0.00%
3078	1007 1009	Barrington COLA	C	8.97%	0.00%	0.00%
3079	1096	Coventry Housing		0.00%	0.00%	0.00%
3080	1496	South Kingstown Housing	C	5.73%	4.97%	1.58%
3081	1403	N. RI Collaborative Adm. Services	C	5.47%	3.92%	3.90%
3083	1616	West Warwick Housing	B	5.95%	2.76%	0.00%
3084	1476	Smithfield Housing		0.00%	0.00%	0.00%
3094	1478	Smithfield COLA	C	0.00%	0.00%	3.80%
3096	1056	Central Falls Housing	C	11.76%	4.55%	2.82%
3098	1293	Lime Rock Administrative Services		3.41%	1.08%	0.00%
3099	1063	Central Falls Schools	C	6.46%	4.15%	3.09%
3100	1023	Bristol/Warren Schools	B	6.90%	1.42%	0.00%
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	0.56%	N/A	N/A
General Employee Units Average				4.77%	0.27%	0.00%
Police & Fire Units						
4016	1285	Johnston Fire	D	10.49%	12.10%	10.54%
4029	1454	Richmond Fire District		14.90%	10.83%	4.30%
4031	1474	Smithfield Police	C,D	13.03%	15.84%	12.83%
4042	1555	Valley Falls Fire	D	15.65%	13.76%	20.90%
4047	1395 1435	North Smithfield Voluntary Fire	B,D	17.90%	21.34%	7.02%
4050	1155	East Greenwich Fire	C,D	22.28%	15.19%	5.78%
4054	1154	East Greenwich Police	C,D	12.91%	9.39%	0.00%
4055	1375	North Kingstown Fire	C,D	19.92%	14.46%	9.93%
4056	1374	North Kingstown Police	C,D	17.61%	15.90%	8.00%
4057	1235	Harris Fire Department	C	26.84%	21.53%	20.87%
4058	1385	North Providence Fire	D	11.55%	8.39%	1.64%
4059	1008	Barrington Fire (25)	C	6.40%	6.24%	7.13%
4060	1004	Barrington Police	C,D	32.08%	27.35%	18.72%
4061	1005	Barrington Fire (20)	C,D	5.39%	0.00%	0.00%
4062	1564	Warren Police & Fire	C,D	24.97%	19.49%	19.31%
4063	1494	South Kingstown Police	B,1	10.02%	2.30%	0.00%
4073	1464	Scituate Police	3	0.00%	---	---
4076	1394	North Smithfield Police	C,D	17.53%	17.50%	8.82%
4077	1534	Tiverton Fire	C,D	12.06%	0.00%	0.00%
4082	1194	Foster Police	C,D	11.34%	15.65%	3.52%
4085	1634	Woonsocket Police	C,D	14.61%	12.61%	9.89%
4086	1084	Charlestown Police	C,D	28.58%	22.48%	18.11%
4087	1264	Hopkinton Police	C,D	10.46%	8.99%	6.25%
4088	1214	Glocester Police	C,D	18.48%	14.08%	10.06%
4089	1604	West Greenwich Police/Rescue	C,D	21.89%	22.34%	18.99%
4090	1034	Burrillville Police	C,D	19.77%	18.89%	17.73%
4091	1148	Cumberland Rescue	C,D	16.51%	12.95%	9.61%

Comparison of Employer Contribution Rates

Old Unit Number	New Unit Number	Unit	Code(s)	June 30, 2003 Actuarial Valuation, for FY2006	June 30, 2002 Actuarial Valuation, for FY2005	June 30, 2001 Actuarial Valuation, for FY2004
(1)	(2)	(3)	(4)	(6)	(7)	(8)
4092	1585	Washington Fire	D	13.15%	11.04%	9.84%
4093	1635	Woonsocket Fire	C,D	15.53%	12.53%	10.95%
4094	1015	Bristol Fire	C	9.66%	9.62%	1.00%
4095	1135	Cumberland Hill Fire	C,D	19.52%	19.50%	16.87%
4096	1014	Bristol Police	C,D	13.29%	14.52%	13.11%
4098	1095	Coventry Fire	D	17.42%	14.21%	19.71%
4099	1505	South Kingstown EMT	C,D	10.65%	13.64%	10.99%
4100	1525	Tiogue Fire		30.23%	12.36%	16.29%
4101	1365	North Cumberland	D	14.53%	13.23%	14.95%
4102	1045	Central Coventry Fire	C,D	15.52%	17.05%	18.25%
4103	1255	Hopkins Hill Fire	D	14.23%	13.39%	5.43%
4104	1114	Cranston Police	C,D,4	17.12%	16.35%	16.53%
4105	1115	Cranston Fire	C,D,4	16.32%	18.16%	17.55%
4106	1125	Cumberland Fire	B,D	22.73%	22.45%	24.02%
4107	1305	Lincoln Rescue	C	14.31%	6.69%	5.95%
4108	1344	New Shoreham Police	B,D	20.29%	22.86%	24.36%
9710	1324	Middletown Police & Fire	C,D	11.85%	16.75%	14.93%
Police & Fire Units Average				16.07%	13.37%	8.18%
All MERS Units Average				7.14%	2.85%	0.00%

B - Municipality has adopted COLA Plan B

C - Municipality has adopted COLA Plan C

D - Municipality has adopted the "20-year" optional Police & Fire Plan

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

Components Used in Determining Contribution Rates

Old Unit Number	New Unit Number	Unit	Code(s)	Adjusted Compensation	Normal Cost (Total)	Actuarial Accrued Liability	Actuarial Value of Assets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
General Employee Units							
3001	1002 1003	Barrington		161,914	11,126	5,625,240	14,356,436
3002	1012 1019	Bristol	B	3,023,307	329,740	13,219,563	12,777,488
3003	1032 1033	Burrillville	C	4,490,812	560,810	14,744,138	18,122,783
3004	1052	Central Falls		1,557,782	133,287	4,290,708	3,101,760
3005	1082	Charlestown	C	1,295,466	137,692	3,309,074	2,697,530
3007	1112 1113	Cranston	B	21,675,306	2,647,245	92,892,158	110,439,637
3008	1122 1123	Cumberland		6,578,472	661,902	17,452,058	14,200,841
3009	1152 1153	East Greenwich		977,562	97,994	5,328,233	8,554,475
3010	1162 1163	East Providence	B	16,495,338	1,932,247	70,278,418	54,469,379
3011	1183	Exeter/West Greenwich	B	1,612,598	216,081	4,557,603	4,451,897
3012	1192 1193	Foster		909,487	95,901	2,117,049	1,941,940
3013	1212 1213	Glocester	C	1,737,709	213,925	4,422,192	3,606,635
3014	1262	Hopkinton	C	934,481	116,608	2,174,952	2,553,361
3015	1272 1273	Jamestown	C	2,223,956	268,042	6,726,189	5,496,909
3016	1282 1283	Johnston	C	7,917,808	976,152	26,872,578	26,206,815
3017	1302 1303	Lincoln		719,765	77,212	827,441	740,863
3019	1322 1323	Middletown	C	3,253,437	411,154	4,057,113	6,336,461
3021	1352 1353 1354	Newport	B	9,879,190	1,122,512	45,900,955	38,988,455
3022	1342 1343	New Shoreham	B	1,689,959	212,294	3,020,096	2,690,396
3023	1372 1373	North Kingstown	C	9,517,449	1,170,049	32,946,121	27,651,706
3024	1382 1383	North Providence		6,254,381	590,307	17,102,221	23,170,107
3025	1392 1393	North Smithfield	B	2,425,765	309,531	8,125,367	11,509,135
3026	1412 1413	Pawtucket	C	20,455,101	2,329,261	82,338,394	79,871,660
3027	1515	Union Fire District		89,098	7,215	148,373	145,942
3029	1452	Richmond		567,639	61,110	950,603	1,033,557
3030	1462 1463	Scituate	B	2,534,396	322,276	8,259,902	7,800,570
3031	1472 1473	Smithfield		1,935,420	197,814	7,644,627	10,379,936
3032	1492 1493	South Kingstown	B	9,787,115	1,178,854	27,328,781	30,662,509
3033	1532 1533	Tiverton	C	1,940,783	232,565	6,550,012	9,416,868
3034	1562	Warren	C	1,375,876	156,612	5,458,841	4,213,205
3036	1622 1623	Westerly		51,142	3,980	1,149,562	614,769
3037	1602	West Greenwich		719,266	74,350	1,469,859	1,290,636
3039	1632 1633	Woonsocket	B	11,573,665	1,397,874	42,169,290	55,329,087
3040	1073	Chariho School District		3,417,826	346,417	7,184,458	7,593,062
3041	1203	Foster/Glocester	B	1,219,691	154,507	3,989,874	3,303,114
3042	1528	Tiogue Fire & Lighting	C,5	-	-	7,883	31,806

Components Used in Determining Contribution Rates

Old Unit Number	New Unit Number	Unit	Code(s)	Adjusted Compensation	Normal Cost (Total)	Actuarial Accrued Liability	Actuarial Value of Assets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3043	1336	Narragansett Housing	C	130,475	13,082	165,332	140,765
3045	1098	Coventry Lighting District	C	143,424	10,081	749,296	1,100,426
3046	1242	Hope Valley Fire	C	82,547	9,203	198,682	204,185
3050	1156	East Greenwich Housing	C	199,052	23,297	483,024	255,736
3051	1116	Cranston Housing	C	705,309	86,754	2,068,659	2,650,110
3052	1166	East Providence Housing	B	507,078	68,679	1,703,994	2,073,364
3053	1416	Pawtucket Housing	B	1,746,783	196,722	5,700,598	9,161,598
3056	1126	Cumberland Housing	C	481,632	65,966	687,596	862,411
3057	1306	Lincoln Housing	B	380,482	55,272	1,038,669	1,220,169
3059	1016	Bristol Housing		238,184	22,981	761,675	1,543,351
3065	1036	Burrillville Housing	B	127,478	15,282	490,489	724,498
3066	1386	North Providence Housing	B	269,578	35,604	1,175,039	805,778
3067	1177	East Smithfield Water	C	156,025	19,741	444,380	652,325
3068	1227	Greenville Water		182,113	14,363	365,853	814,099
3069	1356	Newport Housing	C	1,474,869	181,663	4,947,277	5,667,241
3071	1566	Warren Housing	B	202,283	27,834	953,581	1,062,670
3072	1286	Johnston Housing		248,417	24,571	641,499	833,282
3077	1538	Tiverton Local 2670A	C	687,519	87,345	2,461,358	2,446,416
3078	1007 1009	Barrington COLA	C	5,200,237	647,586	10,935,603	8,682,364
3079	1096	Coventry Housing		317,848	30,687	521,869	766,266
3080	1496	South Kingstown Housing	C	93,077	13,702	62,112	88,534
3081	1403	N. RI Collaborative Adm. Services	C	1,258,785	173,779	572,305	784,718
3083	1616	West Warwick Housing	B	274,593	33,672	831,262	816,336
3084	1476	Smithfield Housing		83,121	7,093	149,440	187,645
3094	1478	Smithfield COLA	C	2,568,386	311,157	5,657,667	7,904,901
3096	1056	Central Falls Housing	C	607,274	76,258	1,702,072	1,163,155
3098	1293	Lime Rock Administrative Services		59,895	5,919	95,887	100,472
3099	1063	Central Falls Schools	C	3,838,575	491,169	6,986,457	6,593,705
3100	1023	Bristol/Warren Schools	B	3,498,612	464,838	11,896,178	11,800,054
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	3,912,193	459,807	7,794,018	10,145,222
General Employee Units Subtotal				\$ 190,674,806	\$ 22,428,753	\$ 652,881,798	\$ 687,003,525

Components Used in Determining Contribution Rates

Old Unit Number	New Unit Number	Unit	Code(s)	Adjusted Compensation	Normal Cost (Total)	Actuarial Accrued Liability	Actuarial Value of Assets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Police & Fire Units							
4016	1285	Johnston Fire	D	847,210	162,442	307,145	290,381
4029	1454	Richmond Fire District		172,239	23,483	462,065	243,286
4031	1474	Smithfield Police	C,D	304,180	65,896	271,394	221,381
4042	1555	Valley Falls Fire	D	539,532	92,686	2,454,329	1,881,368
4047	1395 1435	North Smithfield Voluntary Fire	B,D	831,779	190,519	3,576,377	3,074,053
4050	1155	East Greenwich Fire	C,D	954,904	215,705	7,945,166	6,747,187
4054	1154	East Greenwich Police	C,D	1,470,574	336,471	8,986,706	9,342,618
4055	1375	North Kingstown Fire	C,D	3,291,128	703,970	22,508,273	19,276,926
4056	1374	North Kingstown Police	C,D	2,067,633	458,740	13,454,686	12,085,034
4057	1235	Harris Fire Department	C	119,103	19,897	489,358	139,957
4058	1385	North Providence Fire	D	4,711,792	811,699	21,578,889	20,269,638
4059	1008	Barrington Fire (25)	C	347,854	58,557	226,531	338,791
4060	1004	Barrington Police	C,D	865,960	200,322	8,097,687	5,539,623
4061	1005	Barrington Fire (20)	C,D	596,044	129,990	7,618,780	8,399,028
4062	1564	Warren Police & Fire	C,D	1,004,483	217,637	7,835,174	5,938,996
4063	1494	South Kingstown Police	B,1	2,267,781	449,651	15,533,180	16,815,268
4073	1464	Scituate Police	3	-	-	41,554	156,500
4076	1394	North Smithfield Police	C,D	925,789	217,300	6,155,159	5,603,755
4077	1534	Tiverton Fire	C,D	1,059,670	231,522	6,081,466	6,463,349
4082	1194	Foster Police	C,D	247,331	55,763	1,477,318	1,543,052
4085	1634	Woonsocket Police	C,D	4,670,820	1,041,586	18,352,512	17,265,652
4086	1084	Charlestown Police	C,D	917,461	193,824	5,409,126	3,256,271
4087	1264	Hopkinton Police	C,D	595,648	129,735	2,072,837	2,327,323
4088	1214	Glocester Police	C,D	682,011	152,129	3,126,094	2,592,960
4089	1604	West Greenwich Police/Rescue	C,D	430,778	95,509	1,932,380	1,333,301
4090	1034	Burrillville Police	C,D	1,043,138	241,735	5,563,173	4,496,825
4091	1148	Cumberland Rescue	C,D	660,150	149,621	2,357,547	2,101,812
4092	1585	Washington Fire	D	368,800	65,032	1,265,575	1,074,924
4093	1635	Woonsocket Fire	C,D	4,139,429	943,786	14,120,028	12,799,203
4094	1015	Bristol Fire	C	90,247	16,987	177,290	176,787
4095	1135	Cumberland Hill Fire	C,D	577,387	123,240	3,013,027	2,354,357
4096	1014	Bristol Police	C,D	645,881	152,195	622,974	684,231
4098	1095	Coventry Fire	D	556,547	95,940	2,117,079	1,433,224
4099	1505	South Kingstown EMT	C,D	507,008	116,921	810,860	1,024,277
4100	1525	Tiogue Fire		184,884	24,885	844,479	170,525
4101	1365	North Cumberland	D	541,377	96,332	2,130,083	1,670,711

Components Used in Determining Contribution Rates

Old Unit Number	New Unit Number	Unit	Code(s)	Adjusted Compensation	Normal Cost (Total)	Actuarial Accrued Liability	Actuarial Value of Assets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4102	1045	Central Coventry Fire	C,D	436,574	101,740	1,567,300	1,401,831
4103	1255	Hopkins Hill Fire	D	166,475	29,562	379,514	260,529
4104	1114	Cranston Police	C,D,4	3,695,706	853,454	8,047,991	5,260,034
4105	1115	Cranston Fire	C,D,4	5,722,530	1,338,683	13,143,435	9,511,014
4106	1125	Cumberland Fire	B,D	383,784	91,390	2,199,867	1,653,410
4107	1305	Lincoln Rescue	C	604,583	101,520	1,612,441	1,073,211
4108	1344	New Shoreham Police	B,D	166,918	37,146	687,307	459,852
9710	1324	Middletown Police & Fire	C,D	113,103	27,042	53,113	86,557
Police & Fire Units Subtotal				\$ 50,526,225	\$ 10,862,244	\$ 226,707,267	\$ 198,839,008
All MERS Units Total				\$ 241,201,031	\$ 33,290,997	\$ 879,589,065	\$ 885,842,533

B - Municipality has adopted COLA Plan B

C - Municipality has adopted COLA Plan C

D - Municipality has adopted the "20-year" optional Police & Fire Plan

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

Asset Values

Old Unit Number	New Unit Number	Unit	Code	Market Value of Assets	Actuarial Value of Assets
(1)	(2)	(3)	(4)	(5)	(6)
General Employee Units					
3001	1002 1003	Barrington		\$ 11,481,821	\$ 14,356,436
3002	1012 1019	Bristol	B	10,219,029	12,777,488
3003	1032 1033	Burrillville	C	14,494,026	18,122,783
3004	1052	Central Falls		2,480,689	3,101,760
3005	1082	Charlestown	C	2,157,399	2,697,530
3007	1112 1113	Cranston	B	88,326,108	110,439,637
3008	1122 1123	Cumberland		11,357,380	14,200,841
3009	1152 1153	East Greenwich		6,841,597	8,554,475
3010	1162 1163	East Providence	B	43,562,877	54,469,379
3011	1183	Exeter/West Greenwich	B	3,560,485	4,451,897
3012	1192 1193	Foster		1,553,101	1,941,940
3013	1212 1213	Glocester	C	2,884,472	3,606,635
3014	1262	Hopkinton	C	2,042,097	2,553,361
3015	1272 1273	Jamestown	C	4,396,253	5,496,909
3016	1282 1283	Johnston	C	20,959,376	26,206,815
3017	1302 1303	Lincoln		592,519	740,863
3019	1322 1323	Middletown	C	5,067,700	6,336,461
3021	1352 1353 1354	Newport	B	31,181,726	38,988,455
3022	1342 1343	New Shoreham	B	2,151,693	2,690,396
3023	1372 1373	North Kingstown	C	22,114,955	27,651,706
3024	1382 1383	North Providence		18,530,715	23,170,107
3025	1392 1393	North Smithfield	B	9,204,640	11,509,135
3026	1412 1413	Pawtucket	C	63,878,812	79,871,660
3027	1515	Union Fire District		116,720	145,942
3029	1452	Richmond		826,606	1,033,557
3030	1462 1463	Scituate	B	6,238,648	7,800,570
3031	1472 1473	Smithfield		8,301,543	10,379,936
3032	1492 1493	South Kingstown	B	24,522,899	30,662,509
3033	1532 1533	Tiverton	C	7,531,312	9,416,868
3034	1562	Warren	C	3,369,588	4,213,205
3036	1622 1623	Westerly		491,672	614,769
3037	1602	West Greenwich		1,032,210	1,290,636
3039	1632 1633	Woonsocket	B	44,250,444	55,329,087
3040	1073	Chariho School District		6,072,689	7,593,062
3041	1203	Foster/Glocester	B	2,641,726	3,303,114
3042	1528	Tiogue Fire & Lighting	C,5	25,438	31,806
3043	1336	Narragansett Housing	C	112,580	140,765
3045	1098	Coventry Lighting District	C	880,085	1,100,426
3046	1242	Hope Valley Fire	C	163,301	204,185
3050	1156	East Greenwich Housing	C	204,530	255,736
3051	1116	Cranston Housing	C	2,119,474	2,650,110
3052	1166	East Providence Housing	B	1,658,210	2,073,364
3053	1416	Pawtucket Housing	B	7,327,155	9,161,598
3056	1126	Cumberland Housing	C	689,729	862,411
3057	1306	Lincoln Housing	B	975,852	1,220,169
3059	1016	Bristol Housing		1,234,323	1,543,351

Asset Values

Old Unit Number	New Unit Number	Unit	Code	Market Value of Assets	Actuarial Value of Assets
(1)	(2)	(3)	(4)	(5)	(6)
3065	1036	Burrillville Housing	B	579,430	724,498
3066	1386	North Providence Housing	B	644,436	805,778
3067	1177	East Smithfield Water	C	521,708	652,325
3068	1227	Greenville Water		651,090	814,099
3069	1356	Newport Housing	C	4,532,479	5,667,241
3071	1566	Warren Housing	B	849,890	1,062,670
3072	1286	Johnston Housing		666,432	833,282
3077	1538	Tiverton Local 2670A	C	1,956,566	2,446,416
3078	1007 1009	Barrington COLA	C	6,943,878	8,682,364
3079	1096	Coventry Housing		612,835	766,266
3080	1496	South Kingstown Housing	C	70,807	88,534
3081	1403	N. RI Collaborative Adm. Services	C	627,592	784,718
3083	1616	West Warwick Housing	B	652,879	816,336
3084	1476	Smithfield Housing		150,073	187,645
3094	1478	Smithfield COLA	C	6,322,088	7,904,901
3096	1056	Central Falls Housing	C	930,255	1,163,155
3098	1293	Lime Rock Administrative Services		80,355	100,472
3099	1063	Central Falls Schools	C	5,273,435	6,593,705
3100	1023	Bristol/Warren Schools	B	9,437,308	11,800,054
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	8,113,826	10,145,222
General Employee Units Subtotal				\$ 549,443,562	\$ 687,003,525

Police & Fire Units

4016	1285	Johnston Fire	D	\$ 232,238	\$ 290,381
4029	1454	Richmond Fire District		194,573	243,286
4031	1474	Smithfield Police	C,D	177,053	221,381
4042	1555	Valley Falls Fire	D	1,504,658	1,881,368
4047	1395 1435	North Smithfield Voluntary Fire	B,D	2,458,529	3,074,053
4050	1155	East Greenwich Fire	C,D	5,396,185	6,747,187
4054	1154	East Greenwich Police	C,D	7,471,928	9,342,618
4055	1375	North Kingstown Fire	C,D	15,417,072	19,276,926
4056	1374	North Kingstown Police	C,D	9,665,226	12,085,034
4057	1235	Harris Fire Department	C	111,933	139,957
4058	1385	North Providence Fire	D	16,211,012	20,269,638
4059	1008	Barrington Fire (25)	C	270,954	338,791
4060	1004	Barrington Police	C,D	4,430,414	5,539,623
4061	1005	Barrington Fire (20)	C,D	6,717,275	8,399,028
4062	1564	Warren Police & Fire	C,D	4,749,820	5,938,996
4063	1494	South Kingstown Police	B,I	13,448,317	16,815,268
4073	1464	Scituate Police	3	125,163	156,500
4076	1394	North Smithfield Police	C,D	4,481,705	5,603,755
4077	1534	Tiverton Fire	C,D	5,169,181	6,463,349
4082	1194	Foster Police	C,D	1,234,084	1,543,052
4085	1634	Woonsocket Police	C,D	13,808,519	17,265,652
4086	1084	Charlestown Police	C,D	2,604,262	3,256,271
4087	1264	Hopkinton Police	C,D	1,861,319	2,327,323
4088	1214	Glocester Police	C,D	2,073,767	2,592,960

Asset Values

Old Unit Number	New Unit Number	Unit	Code	Market Value of Assets	Actuarial Value of Assets
(1)	(2)	(3)	(4)	(5)	(6)
4089	1604	West Greenwich Police/Rescue	C,D	1,066,331	1,333,301
4090	1034	Burrillville Police	C,D	3,596,417	4,496,825
4091	1148	Cumberland Rescue	C,D	1,680,962	2,101,812
4092	1585	Washington Fire	D	859,690	1,074,924
4093	1635	Woonsocket Fire	C,D	10,236,396	12,799,203
4094	1015	Bristol Fire	C	141,388	176,787
4095	1135	Cumberland Hill Fire	C,D	1,882,940	2,354,357
4096	1014	Bristol Police	C,D	547,226	684,231
4098	1095	Coventry Fire	D	1,146,247	1,433,224
4099	1505	South Kingstown EMT	C,D	819,184	1,024,277
4100	1525	Tiogue Fire		136,381	170,525
4101	1365	North Cumberland	D	1,336,181	1,670,711
4102	1045	Central Coventry Fire	C,D	1,121,140	1,401,831
4103	1255	Hopkins Hill Fire	D	208,363	260,529
4104	1114	Cranston Police	C,D,4	4,206,808	5,260,034
4105	1115	Cranston Fire	C,D,4	7,606,606	9,511,014
4106	1125	Cumberland Fire	B,D	1,322,345	1,653,410
4107	1305	Lincoln Rescue	C	858,320	1,073,211
4108	1344	New Shoreham Police	B,D	367,775	459,852
9710	1324	Middletown Police & Fire	C,D	69,226	86,557
Police & Fire Units Subtotal				\$ 159,025,112	\$ 198,839,008
All MERS Units Total				\$ 708,468,674	\$ 885,842,533

B - Municipality has adopted COLA Plan B

C - Municipality has adopted COLA Plan C

D - Municipality has adopted the "20-year" optional Police & Fire Plan

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

Explanation of Rate Changes

Old Unit Number (1)	New Unit Number (2)	Unit (3)	Code(s) (4)	June 30, 2003 After Assumption Changes (5)	June 30, 2003 After Recognizing Asset Loss (6)	June 30, 2003 Before Recognizing Asset Loss (7)	June 30, 2002 Actuarial Valuation, for FY2005 (8)
General Employee Units							
3001	1002 1003	Barrington		0.00%	0.00%	0.00%	0.00%
3002	1012 1019	Bristol	B	5.19%	4.92%	2.48%	0.17%
3003	1032 1033	Burrillville	C	0.65%	0.40%	0.00%	0.00%
3004	1052	Central Falls		7.18%	7.06%	5.92%	4.94%
3005	1082	Charlestown	C	6.79%	6.65%	5.46%	3.90%
3007	1112 1113	Cranston	B	0.08%	0.00%	0.00%	0.00%
3008	1122 1123	Cumberland		7.40%	7.26%	6.02%	4.65%
3009	1152 1153	East Greenwich		0.00%	0.00%	0.00%	0.00%
3010	1162 1163	East Providence	B	10.84%	10.62%	8.72%	7.43%
3011	1183	Exeter/West Greenwich	B	6.83%	6.65%	5.06%	5.08%
3012	1192 1193	Foster		5.90%	5.77%	4.54%	3.94%
3013	1212 1213	Glocester	C	8.42%	8.29%	7.09%	5.51%
3014	1262	Hopkinton	C	3.07%	2.90%	1.33%	0.00%
3015	1272 1273	Jamestown	C	8.76%	8.60%	7.18%	5.12%
3016	1282 1283	Johnston	C	6.27%	6.06%	4.16%	2.47%
3017	1302 1303	Lincoln		5.57%	5.51%	4.92%	3.41%
3019	1322 1323	Middletown	C	0.77%	0.65%	0.00%	1.64%
3021	1352 1353 1354	Newport	B	8.99%	8.74%	6.47%	5.49%
3022	1342 1343	New Shoreham	B	7.14%	7.04%	6.13%	3.23%
3023	1372 1373	North Kingstown	C	9.12%	8.94%	7.26%	5.99%
3024	1382 1383	North Providence		0.00%	0.00%	0.00%	0.00%
3025	1392 1393	North Smithfield	B	0.00%	0.00%	0.00%	0.00%
3026	1412 1413	Pawtucket	C	5.56%	5.32%	3.07%	1.70%
3027	1515	Union Fire District		3.47%	3.37%	2.42%	0.00%
3029	1452	Richmond		4.01%	3.89%	2.86%	1.52%
3030	1462 1463	Scituate	B	7.28%	7.08%	5.32%	4.73%
3031	1472 1473	Smithfield		0.00%	0.00%	0.00%	0.00%
3032	1492 1493	South Kingstown	B	3.06%	2.86%	1.06%	0.32%
3033	1532 1533	Tiverton	C	0.00%	0.00%	0.00%	0.00%
3034	1562	Warren	C	10.14%	9.95%	8.19%	6.23%
3036	1622 1623	Westerly		52.33%	51.56%	44.59%	41.62%
3037	1602	West Greenwich		6.04%	5.93%	4.90%	3.36%

Explanation of Rate Changes

Old Unit Number	New Unit Number	Unit	Code(s)	June 30, 2003 After Assumption Changes	June 30, 2003 After Recognizing Asset Loss	June 30, 2003 Before Recognizing Asset Loss	June 30, 2002 Actuarial Valuation, for FY2005
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3039	1632 1633	Woonsocket	B	0.00%	0.00%	0.00%	0.00%
3040	1073	Chariho School District		3.61%	3.47%	2.19%	1.44%
3041	1203	Foster/Glocester	B	9.31%	9.14%	7.58%	6.44%
3042	1528	Tiogue Fire & Lighting	C,5	0.00%	N/A	N/A	N/A
3043	1336	Narragansett Housing	C	4.09%	4.02%	3.40%	2.20%
3045	1098	Coventry Lighting District	C	0.00%	0.00%	0.00%	0.00%
3046	1242	Hope Valley Fire	C	4.47%	4.31%	2.88%	4.10%
3050	1156	East Greenwich Housing	C	10.94%	10.86%	10.12%	11.53%
3051	1116	Cranston Housing	C	0.03%	0.00%	0.00%	0.00%
3052	1166	East Providence Housing	B	2.18%	1.93%	0.00%	0.00%
3053	1416	Pawtucket Housing	B	0.00%	0.00%	0.00%	0.00%
3056	1126	Cumberland Housing	C	4.57%	4.45%	3.43%	1.11%
3057	1306	Lincoln Housing	B	4.65%	4.45%	2.62%	0.00%
3059	1016	Bristol Housing		0.00%	0.00%	0.00%	0.00%
3065	1036	Burrillville Housing	B	0.00%	0.00%	0.00%	0.00%
3066	1386	North Providence Housing	B	15.03%	14.84%	13.11%	12.42%
3067	1177	East Smithfield Water	C	0.00%	0.00%	0.00%	0.00%
3068	1227	Greenville Water		0.00%	0.00%	0.00%	0.00%
3069	1356	Newport Housing	C	2.46%	2.21%	0.00%	0.26%
3071	1566	Warren Housing	B	3.86%	3.52%	0.50%	0.00%
3072	1286	Johnston Housing		0.00%	0.00%	0.00%	0.00%
3077	1538	Tiverton Local 2670A	C	6.33%	6.10%	4.05%	0.00%
3078	1007 1009	Barrington COLA	C	8.97%	8.87%	7.91%	0.00%
3079	1096	Coventry Housing		0.00%	0.00%	0.00%	0.00%
3080	1496	South Kingstown Housing	C	5.73%	5.67%	5.13%	4.97%
3081	1403	N. RI Collaborative Adm. Services	C	5.47%	5.43%	5.08%	3.92%
3083	1616	West Warwick Housing	B	5.95%	5.76%	4.05%	2.76%
3084	1476	Smithfield Housing		0.00%	0.00%	0.00%	0.00%
3094	1478	Smithfield COLA	C	0.00%	0.00%	0.00%	0.00%
3096	1056	Central Falls Housing	C	11.76%	11.64%	10.55%	4.55%
3098	1293	Lime Rock Administrative Services		3.41%	3.31%	2.33%	1.08%
3099	1063	Central Falls Schools	C	6.46%	6.35%	5.36%	4.15%
3100	1023	Bristol/Warren Schools	B	6.90%	6.69%	4.74%	1.42%

Explanation of Rate Changes

Old Unit Number	New Unit Number	Unit	Code(s)	June 30, 2003 After Assumption Changes	June 30, 2003 After Recognizing Asset Loss	June 30, 2003 Before Recognizing Asset Loss	June 30, 2002 Actuarial Valuation, for FY2005
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	0.56%	0.39%	0.00%	N/A
General Employee Units Average				4.77%	4.62%	3.44%	2.36%*
Police & Fire Units							
4016	1285	Johnston Fire	D	10.49%	10.48%	10.29%	12.10%
4029	1454	Richmond Fire District		14.90%	14.82%	14.01%	10.83%
4031	1474	Smithfield Police	C,D	13.03%	12.98%	12.57%	15.84%
4042	1555	Valley Falls Fire	D	15.65%	15.43%	13.42%	13.76%
4047	1395 1435	North Smithfield Voluntary Fire	B,D	17.90%	17.67%	15.56%	21.34%
4050	1155	East Greenwich Fire	C,D	22.28%	21.83%	17.76%	15.19%
4054	1154	East Greenwich Police	C,D	12.91%	12.50%	8.85%	9.39%
4055	1375	North Kingstown Fire	C,D	19.92%	19.55%	16.19%	14.46%
4056	1374	North Kingstown Police	C,D	17.61%	17.25%	13.91%	15.90%
4057	1235	Harris Fire Department	C	26.84%	26.76%	26.09%	21.53%
4058	1385	North Providence Fire	D	11.55%	11.27%	8.80%	8.39%
4059	1008	Barrington Fire (25)	C	6.40%	6.34%	5.78%	6.24%
4060	1004	Barrington Police	C,D	32.08%	31.67%	28.02%	27.35%
4061	1005	Barrington Fire (20)	C,D	5.39%	4.49%	0.00%	0.00%
4062	1564	Warren Police & Fire	C,D	24.97%	24.60%	21.21%	19.49%
4063	1494	South Kingstown Police	B,I	10.02%	9.55%	5.30%	2.30%
4073	1464	Scituate Police	3	0.00%	0.00%	0.00%	—
4076	1394	North Smithfield Police	C,D	17.53%	17.16%	13.73%	17.50%
4077	1534	Tiverton Fire	C,D	12.06%	11.67%	8.16%	0.00%
4082	1194	Foster Police	C,D	11.34%	10.94%	7.34%	15.65%
4085	1634	Woonsocket Police	C,D	14.61%	14.37%	12.25%	12.61%
4086	1084	Charlestown Police	C,D	28.58%	28.36%	26.31%	22.48%
4087	1264	Hopkinton Police	C,D	10.46%	10.21%	7.97%	8.99%
4088	1214	Glocester Police	C,D	18.48%	18.23%	16.04%	14.08%
4089	1604	West Greenwich Police/Rescue	C,D	21.89%	21.69%	19.92%	22.34%
4090	1034	Burrillville Police	C,D	19.77%	19.50%	17.02%	18.89%
4091	1148	Cumberland Rescue	C,D	16.51%	16.31%	14.49%	12.95%
4092	1585	Washington Fire	D	13.15%	12.97%	11.29%	11.04%

Explanation of Rate Changes

Old Unit Number	New Unit Number	Unit	Code(s)	June 30, 2003 After Assumption Changes	June 30, 2003 After Recognizing Asset Loss	June 30, 2003 Before Recognizing Asset Loss	June 30, 2002 Actuarial Valuation, for FY2005
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4093	1635	Woonsocket Fire	C,D	15.53%	15.33%	13.55%	12.53%
4094	1015	Bristol Fire	C	9.66%	9.54%	8.41%	9.62%
4095	1135	Cumberland Hill Fire	C,D	19.52%	19.26%	16.93%	19.50%
4096	1014	Bristol Police	C,D	13.29%	13.22%	12.62%	14.52%
4098	1095	Coventry Fire	D	17.42%	17.26%	15.78%	14.21%
4099	1505	South Kingstown EMT	C,D	10.65%	10.52%	9.36%	13.64%
4100	1525	Tiogue Fire		30.23%	30.17%	29.64%	12.36%
4101	1365	North Cumberland	D	14.53%	14.33%	12.55%	13.23%
4102	1045	Central Coventry Fire	C,D	15.52%	15.31%	13.47%	17.05%
4103	1255	Hopkins Hill Fire	D	14.23%	14.13%	13.23%	13.39%
4104	1114	Cranston Police	C,D,4	17.12%	17.03%	16.22%	16.35%
4105	1115	Cranston Fire	C,D,4	16.32%	16.21%	15.26%	18.16%
4106	1125	Cumberland Fire	B,D	22.73%	22.46%	19.98%	22.45%
4107	1305	Lincoln Rescue	C	14.31%	14.19%	13.18%	6.69%
4108	1344	New Shoreham Police	B,D	20.29%	20.12%	18.54%	22.86%
9710	1324	Middletown Police & Fire	C,D	11.85%	11.81%	11.37%	16.75%
Police & Fire Units Average				16.07%	15.82%	13.61%	13.53%*
All MERS Units Average				7.14%	6.97%	5.57%	4.57%*

B - Municipality has adopted COLA Plan B

C - Municipality has adopted COLA Plan C

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

D - Municipality has adopted the "20-year" optional Police & Fire Plan

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

* - Averages changed from an aggregate funding calculation to a weighted average of individual contribution rates by payroll

History of Investment Return Rates

<u>Year Ending June 30 of</u> (1)	<u>Market</u> (2)	<u>Actuarial</u> (3)
1994	4.0%	-
1995	17.0%	10.2%
1996	13.7%	13.7%
1997	19.1%	19.1%
1998	16.1%	16.5%
1999	10.1%	14.7%
2000	9.1%	8.8%
2001	(11.0%)	4.9%
2002	(8.4%)	0.9%
2003	2.5%	(0.7%)

Schedule of Funding Progress

Old Unit Number	New Unit Number	Unit	Code(s)	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL) (5) - (4)	Funded Ratio (4)/(5)	Annual Covered Payroll	UAAL as % of Payroll (7)/(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
General Employee Units									
3001	1002 1003	Barrington		14,356,436	5,625,240	(8,731,196)	255.2%	161,914	(5392.5%)
3002	1012 1019	Bristol	B	12,777,488	13,219,563	442,075	96.7%	3,023,307	14.6%
3003	1032 1033	Burrillville	C	18,122,783	14,744,138	(3,378,646)	122.9%	4,490,812	(75.2%)
3004	1052	Central Falls		3,101,760	4,290,708	1,188,948	72.3%	1,557,782	76.3%
3005	1082	Charlestown	C	2,697,530	3,309,074	611,544	81.5%	1,295,466	47.2%
3007	1112 1113	Cranston	B	110,439,637	92,892,158	(17,547,479)	118.9%	21,675,306	(81.0%)
3008	1122 1123	Cumberland		14,200,841	17,452,058	3,251,218	81.4%	6,578,472	49.4%
3009	1152 1153	East Greenwich		8,554,475	5,328,233	(3,226,242)	160.5%	977,562	(330.0%)
3010	1162 1163	East Providence	B	54,469,379	70,278,418	15,809,039	77.5%	16,495,338	95.8%
3011	1183	Exeter/West Greenwich	B	4,451,897	4,557,603	105,707	97.7%	1,612,598	6.6%
3012	1192 1193	Foster		1,941,940	2,117,049	175,109	91.7%	909,487	19.3%
3013	1212 1213	Glocester	C	3,606,635	4,422,192	815,558	81.6%	1,737,709	46.9%
3014	1262	Hopkinton	C	2,553,361	2,174,952	(378,409)	117.4%	934,481	(40.5%)
3015	1272 1273	Jamestown	C	5,496,909	6,726,189	1,229,280	81.7%	2,223,956	55.3%
3016	1282 1283	Johnston	C	26,206,815	26,872,578	665,764	97.5%	7,917,808	8.4%
3017	1302 1303	Lincoln		740,863	827,441	86,578	89.5%	719,765	12.0%
3019	1322 1323	Middletown	C	6,336,461	4,057,113	(2,279,348)	156.2%	3,253,437	(70.1%)
3021	352 1353 1354	Newport	B	38,988,455	45,900,955	6,912,500	84.9%	9,879,190	70.0%
3022	1342 1343	New Shoreham	B	2,690,396	3,020,096	329,700	89.1%	1,689,959	19.5%
3023	1372 1373	North Kingstown	C	27,651,706	32,946,121	5,294,415	83.9%	9,517,449	55.6%
3024	1382 1383	North Providence		23,170,107	17,102,221	(6,067,887)	135.5%	6,254,381	(97.0%)
3025	1392 1393	North Smithfield	B	11,509,135	8,125,367	(3,383,768)	141.6%	2,425,765	(139.5%)
3026	1412 1413	Pawtucket	C	79,871,660	82,338,394	2,466,734	97.0%	20,455,101	12.1%
3027	1515	Union Fire District		145,942	148,373	2,431	98.4%	89,098	2.7%
3029	1452	Richmond		1,033,557	950,603	(82,954)	108.7%	567,639	(14.6%)
3030	1462 1463	Scituate	B	7,800,570	8,259,902	459,332	94.4%	2,534,396	18.1%
3031	1472 1473	Smithfield		10,379,936	7,644,627	(2,735,310)	135.8%	1,935,420	(141.3%)
3032	1492 1493	South Kingstown	B	30,662,509	27,328,781	(3,333,729)	112.2%	9,787,115	(34.1%)
3033	1532 1533	Tiverton	C	9,416,868	6,550,012	(2,866,857)	143.8%	1,940,783	(147.7%)
3034	1562	Warren	C	4,213,205	5,458,841	1,245,636	77.2%	1,375,876	90.5%
3036	1622 1623	Westerly		614,769	1,149,562	534,794	53.5%	51,142	1045.7%
3037	1602	West Greenwich		1,290,636	1,469,859	179,223	87.8%	719,266	24.9%
3039	1632 1633	Woonsocket	B	55,329,087	42,169,290	(13,159,797)	131.2%	11,573,665	(113.7%)
3040	1073	Chariho School District		7,593,062	7,184,458	(408,604)	105.7%	3,417,826	(12.0%)
3041	1203	Foster/Glocester	B	3,303,114	3,989,874	686,760	82.8%	1,219,691	56.3%
3042	1528	Tiogue Fire & Lighting	C,5	31,806	7,883	(23,924)	403.5%	0	-
3043	1336	Narragansett Housing	C	140,765	165,332	24,567	85.1%	130,475	18.8%
3045	1098	Coventry Lighting District	C	1,100,426	749,296	(351,130)	146.9%	143,424	(244.8%)
3046	1242	Hope Valley Fire	C	204,185	198,682	(5,503)	102.8%	82,547	(6.7%)

Schedule of Funding Progress

Old Unit Number	New Unit Number	Unit	Code(s)	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL) (5) - (4)	Funded Ratio (4)/(5)	Annual Covered Payroll	UAAL as % of Payroll (7)/(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3050	1156	East Greenwich Housing	C	255,736	483,024	227,288	52.9%	199,052	114.2%
3051	1116	Cranston Housing	C	2,650,110	2,068,659	(581,451)	128.1%	705,309	(82.4%)
3052	1166	East Providence Housing	B	2,073,364	1,703,994	(369,370)	121.7%	507,078	(72.8%)
3053	1416	Pawtucket Housing	B	9,161,598	5,700,598	(3,461,000)	160.7%	1,746,783	(198.1%)
3056	1126	Cumberland Housing	C	862,411	687,596	(174,816)	125.4%	481,632	(36.3%)
3057	1306	Lincoln Housing	B	1,220,169	1,038,669	(181,500)	117.5%	380,482	(47.7%)
3059	1016	Bristol Housing		1,543,351	761,675	(781,676)	202.6%	238,184	(328.2%)
3065	1036	Burrillville Housing	B	724,498	490,489	(234,009)	147.7%	127,478	(183.6%)
3066	1386	North Providence Housing	B	805,778	1,175,039	369,261	68.6%	269,578	137.0%
3067	1177	East Smithfield Water	C	652,325	444,380	(207,945)	146.8%	156,025	(133.3%)
3068	1227	Greenville Water		814,099	365,853	(448,246)	222.5%	182,113	(246.1%)
3069	1356	Newport Housing	C	5,667,241	4,947,277	(719,964)	114.6%	1,474,869	(48.8%)
3071	1566	Warren Housing	B	1,062,670	953,581	(109,089)	111.4%	202,283	(53.9%)
3072	1286	Johnston Housing		833,282	641,499	(191,783)	129.9%	248,417	(77.2%)
3077	1538	Tiverton Local 2670A	C	2,446,416	2,461,358	14,942	99.4%	687,519	2.2%
3078	1007 1009	Barrington COLA	C	8,682,364	10,935,603	2,253,239	79.4%	5,200,237	43.3%
3079	1096	Coventry Housing		766,266	521,869	(244,396)	146.8%	317,848	(76.9%)
3080	1496	South Kingstown Housing	C	88,534	62,112	(26,422)	142.5%	93,077	(28.4%)
3081	1403	N. RI Collaborative Adm. Services	C	784,718	572,305	(212,412)	137.1%	1,258,785	(16.9%)
3083	1616	West Warwick Housing	B	816,336	831,262	14,927	98.2%	274,593	5.4%
3084	1476	Smithfield Housing		187,645	149,440	(38,205)	125.6%	83,121	(46.0%)
3094	1478	Smithfield COLA	C	7,904,901	5,657,667	(2,247,234)	139.7%	2,568,386	(87.5%)
3096	1056	Central Falls Housing	C	1,163,155	1,702,072	538,917	68.3%	607,274	88.7%
3098	1293	Lime Rock Administrative Services		100,472	95,887	(4,585)	104.8%	59,895	(7.7%)
3099	1063	Central Falls Schools	C	6,593,705	6,986,457	392,752	94.4%	3,838,575	10.2%
3100	1023	Bristol/Warren Schools	B	11,800,054	11,896,178	96,124	99.2%	3,498,612	2.7%
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	10,145,222	7,794,018	(2,351,204)	130.2%	3,912,193	(60.1%)
General Employee Units Subtotal				\$ 687,003,525	\$ 652,881,798	\$ (34,121,728)	105.2%	\$ 190,674,806	(17.9%)

Schedule of Funding Progress

Old Unit Number	New Unit Number	Unit	Code(s)	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL) (5) - (4)	Funded Ratio (4)/(5)	Annual Covered Payroll	UAAL as % of Payroll (7)/(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Police & Fire Units									
4016	1285	Johnston Fire	D	290,381	307,145	16,764	94.5%	847,210	2.0%
4029	1454	Richmond Fire District		243,286	462,065	218,779	52.7%	172,239	127.0%
4031	1474	Smithfield Police	C,D	221,381	271,394	50,013	81.6%	304,180	16.4%
4042	1555	Valley Falls Fire	D	1,881,368	2,454,329	572,961	76.7%	539,532	106.2%
4047	1395 1435	North Smithfield Voluntary Fire	B,D	3,074,053	3,576,377	502,324	86.0%	831,779	60.4%
4050	1155	East Greenwich Fire	C,D	6,747,187	7,945,166	1,197,979	84.9%	954,904	125.5%
4054	1154	East Greenwich Police	C,D	9,342,618	8,986,706	(355,912)	104.0%	1,470,574	(24.2%)
4055	1375	North Kingstown Fire	C,D	19,276,926	22,508,273	3,231,347	85.6%	3,291,128	98.2%
4056	1374	North Kingstown Police	C,D	12,085,034	13,454,686	1,369,652	89.8%	2,067,633	66.2%
4057	1235	Harris Fire Department	C	139,957	489,358	349,401	28.6%	119,103	293.4%
4058	1385	North Providence Fire	D	20,269,638	21,578,889	1,309,251	93.9%	4,711,792	27.8%
4059	1008	Barrington Fire (25)	C	338,791	226,531	(112,260)	149.6%	347,854	(32.3%)
4060	1004	Barrington Police	C,D	5,539,623	8,097,687	2,558,064	68.4%	865,960	295.4%
4061	1005	Barrington Fire (20)	C,D	8,399,028	7,618,780	(780,247)	110.2%	596,044	(130.9%)
4062	1564	Warren Police & Fire	C,D	5,938,996	7,835,174	1,896,178	75.8%	1,004,483	188.8%
4063	1494	South Kingstown Police	B,1	16,815,268	15,533,180	(1,282,089)	108.3%	2,267,781	(56.5%)
4073	1464	Scituate Police	3	156,500	41,554	(114,945)	376.6%	0	-
4076	1394	North Smithfield Police	C,D	5,603,755	6,155,159	551,404	91.0%	925,789	59.6%
4077	1534	Tiverton Fire	C,D	6,463,349	6,081,466	(381,883)	106.3%	1,059,670	(36.0%)
4082	1194	Foster Police	C,D	1,543,052	1,477,318	(65,734)	104.4%	247,331	(26.6%)
4085	1634	Woonsocket Police	C,D	17,265,652	18,352,512	1,086,861	94.1%	4,670,820	23.3%
4086	1084	Charlestown Police	C,D	3,256,271	5,409,126	2,152,855	60.2%	917,461	234.7%
4087	1264	Hopkinton Police	C,D	2,327,323	2,072,837	(254,486)	112.3%	595,648	(42.7%)
4088	1214	Glocester Police	C,D	2,592,960	3,126,094	533,134	82.9%	682,011	78.2%
4089	1604	West Greenwich Police/Rescue	C,D	1,333,301	1,932,380	599,080	69.0%	430,778	139.1%
4090	1034	Burrillville Police	C,D	4,496,825	5,563,173	1,066,348	80.8%	1,043,138	102.2%
4091	1148	Cumberland Rescue	C,D	2,101,812	2,357,547	255,735	89.2%	660,150	38.7%
4092	1585	Washington Fire	D	1,074,924	1,265,575	190,651	84.9%	368,800	51.7%
4093	1635	Woonsocket Fire	C,D	12,799,203	14,120,028	1,320,824	90.6%	4,139,429	31.9%

Schedule of Funding Progress

Old Unit Number	New Unit Number	Unit	Code(s)	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL) (5) - (4)	Funded Ratio (4)/(5)	Annual Covered Payroll	UAAL as % of Payroll (7)/(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4094	1015	Bristol Fire	C	176,787	177,290	503	99.7%	90,247	0.6%
4095	1135	Cumberland Hill Fire	C,D	2,354,357	3,013,027	658,670	78.1%	577,387	114.1%
4096	1014	Bristol Police	C,D	684,231	622,974	(61,257)	109.8%	645,881	(9.5%)
4098	1095	Coventry Fire	D	1,433,224	2,117,079	683,855	67.7%	556,547	122.9%
4099	1505	South Kingstown EMT	C,D	1,024,277	810,860	(213,417)	126.3%	507,008	(42.1%)
4100	1525	Tiogue Fire		170,525	844,479	673,954	20.2%	184,884	364.5%
4101	1365	North Cumberland	D	1,670,711	2,130,083	459,372	78.4%	541,377	84.9%
4102	1045	Central Coventry Fire	C,D	1,401,831	1,567,300	165,469	89.4%	436,574	37.9%
4103	1255	Hopkins Hill Fire	D	260,529	379,514	118,985	68.6%	166,475	71.5%
4104	1114	Cranston Police	C,D,4	5,260,034	8,047,991	2,787,957	65.4%	3,695,706	75.4%
4105	1115	Cranston Fire	C,D,4	9,511,014	13,143,435	3,632,421	72.4%	5,722,530	63.5%
4106	1125	Cumberland Fire	B,D	1,653,410	2,199,867	546,457	75.2%	383,784	142.4%
4107	1305	Lincoln Rescue	C	1,073,211	1,612,441	539,230	66.6%	604,583	89.2%
4108	1344	New Shoreham Police	B,D	459,852	687,307	227,455	66.9%	166,918	136.3%
9710	1324	Middletown Police & Fire	C,D	86,557	53,113	(33,444)	163.0%	113,103	(29.6%)
		Police & Fire Units Subtotal		<u>\$ 198,839,008</u>	<u>\$ 226,707,267</u>	<u>\$ 27,868,260</u>	87.7%	<u>\$ 50,526,225</u>	55.2%
		All MERS Units Total		885,842,533	879,589,065	(6,253,468)	100.7%	241,201,031	(2.6%)

B - Municipality has adopted COLA Plan B

D - Municipality has adopted the "20-year" optional Police & Fire Plan

C - Municipality has adopted COLA Plan C

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

**Distribution of Assets at Market Value
 (Percentage of Total Investments)**

Item (1)	June 30, 2003 (2)	June 30, 2002 (3)
Cash & cash equivalents	0.2%	3.2%
U.S. government & agency securities	8.0%	12.0%
Corporate bonds & notes	17.2%	13.4%
Foreign bonds	0.1%	1.0%
U.S. equity securities	48.6%	43.9%
Foreign equity securities	20.1%	21.1%
Emerging markets equity	0.0%	0.0%
Real estate, venture capital, other	5.8%	5.4%
Total investments	100.0%	100.0%

Active Member Statistics

Old Unit Number	New Unit Number	Unit	Code(s)	Active Employees as of June 30, 2003				Active Employees as of June 30, 2002			
				Number	Average Age	Average Service	Average Salary	Number	Average Age	Average Service	Average Salary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(11)
General Employee Units											
3001	1002 1003	Barrington		5	42.5	16.0	\$ 32,383	11	40.6	8.3	\$ 23,199
3002	1012 1019	Bristol	B	94	46.1	11.7	32,163	97	44.5	10.9	30,363
3003	1032 1033	Burrillville	C	160	49.0	10.7	28,068	163	48.8	9.9	27,475
3004	1052	Central Falls		50	43.5	10.2	31,156	49	44.1	9.9	29,893
3005	1082	Charlestown	C	38	43.7	9.4	34,091	36	41.5	9.4	31,103
3007	1112 1113	Cranston	B	864	49.3	10.3	25,087	883	48.7	9.7	25,175
3008	1122 1123	Cumberland		253	48.7	8.7	26,002	263	48.2	8.4	24,872
3009	1152 1153	East Greenwich		30	49.6	8.7	32,585	186	47.5	8.6	25,324
3010	1162 1163	East Providence	B	488	47.4	9.8	33,802	493	47.2	9.2	31,517
3011	1183	Exeter/West Greenwich	B	72	50.1	10.3	22,397	70	49.5	9.7	22,729
3012	1192 1193	Foster		43	48.5	9.9	21,151	46	48.3	8.4	19,508
3013	1212 1213	Glocester	C	66	49.4	9.8	26,329	69	48.3	9.2	23,626
3014	1262	Hopkinton	C	28	48.5	8.2	33,374	32	49.6	7.5	28,388
3015	1272 1273	Jamestown	C	75	47.1	7.7	29,653	72	46.8	7.5	28,030
3016	1282 1283	Johnston	C	300	48.6	8.3	26,393	310	48.1	7.7	26,374
3017	1302 1303	Lincoln		19	46.7	4.2	37,882	23	46.7	2.7	37,720
3019	1322 1323	Middletown	C	91	45.9	5.3	35,752	91	46.0	7.8	35,251
3021	1352 1353 1354	Newport	B	315	48.2	11.9	31,363	314	47.8	11.6	30,102
3022	1342 1343	New Shoreham	B	58	46.4	6.1	29,137	58	45.1	5.8	30,298
3023	1372 1373	North Kingstown	C	353	49.4	10.6	26,962	354	48.9	10.7	26,617
3024	1382 1383	North Providence		269	46.9	9.4	23,250	275	46.8	8.9	23,252
3025	1392 1393	North Smithfield	B	95	48.7	8.7	25,534	104	47.5	7.6	26,589
3026	1412 1413	Pawtucket	C	703	47.5	10.9	29,097	729	47.7	10.8	27,518
3027	1515	Union Fire District		3	56.0	11.2	29,699	3	55.0	10.0	29,240
3029	1452	Richmond		22	47.7	5.0	25,802	23	44.7	5.7	19,948
3030	1462 1463	Scituate	B	103	48.8	7.1	24,606	111	47.7	6.5	23,139
3031	1472 1473	Smithfield		69	51.1	9.4	28,050	75	50.0	8.0	27,190
3032	1492 1493	South Kingstown	B	373	47.4	9.0	26,239	366	46.9	8.9	26,241
3033	1532 1533	Tiverton	C	68	49.8	10.1	28,541	73	51.6	9.6	28,632
3034	1562	Warren	C	41	43.9	8.3	33,558	40	44.9	8.6	30,939
3036	1622 1623	Westerly		1	52.3	20.9	51,142	1	51.0	19.0	54,849
3037	1602	West Greenwich		25	47.6	9.2	28,771	25	48.2	10.2	27,012
3039	1632 1633	Woonsocket	B	458	47.5	8.7	25,270	437	47.1	8.6	23,593
3040	1073	Chariho School District		153	48.0	9.7	22,339	163	46.7	8.7	21,102
3041	1203	Foster/Glocester	B	48	51.0	10.5	25,410	48	50.5	9.7	23,461
3042	1528	Tiogoe Fire & Lighting	C,5	---	---	---	---	---	---	---	---
3043	1336	Narragansett Housing	C	4	36.6	5.2	32,619	4	35.8	4.0	29,546
3045	1098	Coventry Lighting District	C	3	67.3	36.5	47,808	4	61.3	28.5	42,909
3046	1242	Hope Valley Fire	C	3	49.8	11.2	27,516	3	49.0	10.0	26,713
3050	1156	East Greenwich Housing	C	6	44.4	10.4	33,175	5	46.4	11.2	27,875
3051	1116	Cranston Housing	C	19	49.3	10.1	37,122	19	48.4	9.0	34,769
3052	1166	East Providence Housing	B	15	50.6	9.3	33,805	15	51.2	8.5	34,136
3053	1416	Pawtucket Housing	B	45	47.9	12.0	38,817	50	47.0	11.1	36,736
3056	1126	Cumberland Housing	C	15	44.7	4.6	32,109	16	43.8	3.8	31,577
3057	1306	Lincoln Housing	B	10	51.7	3.6	38,048	9	52.2	2.7	36,375
3059	1016	Bristol Housing		8	51.3	13.3	29,773	9	50.7	10.8	27,050
3065	1036	Burrillville Housing	B	4	53.1	16.5	31,870	4	52.0	15.5	31,267
3066	1386	North Providence Housing	B	8	50.2	10.5	33,697	9	51.1	8.8	29,766
3067	1177	East Smithfield Water	C	4	54.1	10.7	39,006	4	57.8	11.5	33,849
3068	1227	Greenville Water		4	45.6	14.1	45,528	4	45.0	13.0	44,330
3069	1356	Newport Housing	C	41	51.0	8.7	35,972	43	49.7	8.0	34,147
3071	1566	Warren Housing	B	6	54.7	9.9	33,714	6	55.2	12.2	32,898
3072	1286	Johnston Housing		8	53.6	12.9	31,052	8	52.6	11.9	31,610
3077	1538	Tiverton Local 2670A	C	23	47.7	8.6	29,892	22	50.5	9.2	29,435
3078	1007 1009	Barrington COLA	C	168	49.4	9.7	30,954	164	49.2	9.0	30,485
3079	1096	Coventry Housing		11	44.1	5.8	28,895	11	43.2	4.7	28,534

Active Member Statistics

Old Unit Number	New Unit Number	Unit	Code(s)	Active Employees as of June 30, 2003				Active Employees as of June 30, 2002			
				Number	Average Age	Average Service	Average Salary	Number	Average Age	Average Service	Average Salary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(11)
3080	1496	South Kingstown Housing	C	3	43.4	2.5	31,026	5	41.2	1.0	27,758
3081	1403	N. RI Collaborative Adm. Services	C	67	43.9	2.7	18,788	71	42.3	1.4	18,039
3083	1616	West Warwick Housing	B	8	53.2	10.9	34,324	8	52.1	9.8	32,311
3084	1476	Smithfield Housing		3	44.3	13.3	27,707	3	43.0	12.0	26,569
3094	1478	Smithfield COLA	C	69	47.9	9.8	37,223	80	47.8	9.5	34,224
3096	1056	Central Falls Housing	C	19	42.6	4.2	31,962	17	46.7	5.2	30,575
3098	1293	Lime Rock Administrative Services		2	47.3	11.0	29,948	2	46.5	10.0	27,989
3099	1063	Central Falls Schools	C	163	47.4	8.0	23,550	167	46.7	7.1	22,815
3100	1023	Bristol/Warren Schools	B	149	48.5	8.3	23,481	158	47.9	7.5	22,613
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	160	47.3	8.9	24,451	---	---	---	---
All General Employee Units				6,881	48.1	9.5	\$ 27,710	7,013	47.7	9.1	\$ 26,773
Police & Fire Units											
4016	1285	Johnston Fire	D	20	34.6	2.0	42,361	10	33.6	2.0	37,833
4029	1454	Richmond Fire District		6	37.7	5.5	28,707	9	34.1	3.2	\$ 23,091
4031	1474	Smithfield Police	C,D	8	27.3	3.2	38,023	8	26.4	2.1	40,818
4042	1555	Valley Falls Fire	D	13	38.7	11.6	41,502	12	38.5	11.5	40,023
4047	1395 1435	North Smithfield Voluntary Fire	B,D	21	37.8	8.0	39,609	19	38.5	7.8	44,928
4050	1155	East Greenwich Fire	C,D	21	40.4	13.8	45,472	25	38.9	12.0	41,697
4054	1154	East Greenwich Police	C,D	31	38.1	10.7	47,438	32	37.4	10.0	46,015
4055	1375	North Kingstown Fire	C,D	80	39.5	12.3	41,139	75	38.8	11.7	39,805
4056	1374	North Kingstown Police	C,D	48	37.5	11.0	43,076	47	37.4	11.8	40,144
4057	1235	Harris Fire Department	C	4	32.9	6.6	29,776	4	32.0	5.5	29,997
4058	1385	North Providence Fire	D	102	40.8	13.6	46,194	101	40.5	13.5	45,076
4059	1008	Barrington Fire (25)	C	8	34.8	3.5	43,482	7	33.9	2.7	39,172
4060	1004	Barrington Police	C,D	19	36.5	10.3	45,577	21	39.6	12.5	45,034
4061	1005	Barrington Fire (20)	C,D	13	46.6	19.7	45,850	13	45.6	18.6	44,623
4062	1564	Warren Police & Fire	C,D	25	35.9	9.4	40,179	21	37.4	10.1	41,958
4063	1494	South Kingstown Police	B,1	52	40.7	14.6	43,611	52	40.0	14.2	44,023
4064	1435	Primrose Volunteer Fire	3	---	---	---	---	---	---	---	---
4073	1464	Scituate Police	3	---	---	---	---	---	---	---	---
4076	1394	North Smithfield Police	C,D	21	35.9	10.2	44,085	21	40.1	12.8	45,800
4077	1534	Tiverton Fire	C,D	29	38.3	9.8	36,540	30	37.8	9.5	35,422
4082	1194	Foster Police	C,D	6	41.7	15.9	41,222	7	44.4	14.1	43,388
4085	1634	Woonsocket Police	C,D	100	37.5	11.7	46,708	96	36.9	11.2	46,516
4086	1084	Charlestown Police	C,D	20	40.5	13.9	45,873	19	39.6	13.2	43,745
4087	1264	Hopkinton Police	C,D	15	37.0	10.0	39,710	16	37.3	8.7	36,440
4088	1214	Glocester Police	C,D	17	38.3	11.0	40,118	17	37.8	11.0	38,706
4089	1604	West Greenwich Police/Rescue	C,D	12	38.6	9.6	35,898	10	36.5	10.3	35,971
4090	1034	Burrillville Police	C,D	23	38.8	11.5	45,354	24	37.7	10.3	43,026
4091	1148	Cumberland Rescue	C,D	16	38.3	10.0	41,259	16	36.4	8.4	31,629
4092	1585	Washington Fire	D	9	39.2	10.8	40,978	9	38.2	9.7	38,951
4093	1635	Woonsocket Fire	C,D	94	36.8	10.7	44,036	94	36.2	9.9	39,220
4094	1015	Bristol Fire	C	2	50.2	8.7	45,124	2	49.5	7.5	43,061
4095	1135	Cumberland Hill Fire	C,D	15	36.0	11.1	38,492	13	35.8	11.5	37,996
4096	1014	Bristol Police	C,D	16	31.2	3.7	40,368	14	32.1	2.9	38,176
4098	1095	Coventry Fire	D	16	40.0	9.2	34,784	15	39.3	8.1	33,154
4099	1505	South Kingstown EMT	C,D	16	32.3	5.7	31,688	18	32.1	4.5	32,954
4100	1525	Tiogue Fire		6	35.6	6.6	30,814	6	37.2	5.5	28,736
4101	1365	North Cumberland	D	14	39.5	12.5	38,670	14	39.4	11.4	37,788
4102	1045	Central Coventry Fire	C,D	12	34.6	7.8	36,381	12	35.4	7.6	38,105
4103	1255	Hopkins Hill Fire	D	4	37.0	9.8	41,619	4	36.3	8.8	35,753

Active Member Statistics

Old Unit Number	New Unit Number	Unit	Code(s)	Active Employees as of June 30, 2003				Active Employees as of June 30, 2002			
				Number	Average Age	Average Service	Average Salary	Number	Average Age	Average Service	Average Salary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(11)
4104	1114	Cranston Police	C,D,4	81	33.4	5.8	45,626	63	34.7	6.4	44,593
4105	1115	Cranston Fire	C,D,4	116	37.2	8.3	49,332	102	37.0	8.4	47,375
4106	1125	Cumberland Fire	B,D	11	39.8	10.0	34,889	11	40.4	9.0	34,737
4107	1305	Lincoln Rescue	C	16	35.9	8.4	37,786	17	34.6	7.7	35,904
4108	1344	New Shoreham Police	B,D	4	38.9	12.2	41,730	4	39.0	11.8	49,469
9710	1324	Middletown Police & Fire	C,D	3	30.1	2.1	37,701	3	29.0	1.0	33,401
All Police & Fire Units				1,165	37.7	10.3	\$ 43,370	1,113	37.6	10.2	\$ 41,794
All MERS Units				8,046	46.6	9.7	\$ 29,978	8,126	46.3	9.3	\$ 28,830

B - Municipality has adopted COLA Plan B

C - Municipality has adopted COLA Plan C

D - Municipality has adopted the "20-year" optional Police & Fire Plan

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

Retired Member Statistics

Old Unit Number	New Unit Number	Unit	Code(s)	Retirees and Beneficiaries As of June 30, 2003			Retirees and Beneficiaries As of June 30, 2002		
				Number	Average Age	Average Monthly Benefit	Number	Average Age	Average Monthly Benefit
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
General Employee Units									
3001	1002 1003	Barrington		98	76.1	\$534	102	75.1	\$540
3002	1012 1019	Bristol	B	76	74.5	\$790	76	73.8	775
3003	1032 1033	Burrillville	C	70	73.0	\$686	71	72.0	662
3004	1052	Central Falls		24	69.7	\$660	25	69.1	657
3005	1082	Charlestown	C	8	69.6	\$1,320	7	69.1	1,348
3007	1112 1113	Cranston	B	467	73.2	\$871	472	72.8	843
3008	1122 1123	Cumberland		132	72.0	\$610	131	71.5	600
3009	1152 1153	East Greenwich		71	73.7	\$514	70	73.7	499
3010	1162 1163	East Providence	B	315	70.9	\$1,081	312	70.6	1,048
3011	1183	Exeter/West Greenwich	B	12	67.4	\$732	14	67.1	675
3012	1192 1193	Foster		14	74.4	\$479	15	72.9	524
3013	1212 1213	Glocester	C	17	66.3	\$667	17	66.4	663
3014	1262	Hopkinton	C	10	70.4	\$698	10	72.0	575
3015	1272 1273	Jamestown	C	22	66.5	\$1,049	25	67.8	990
3016	1282 1283	Johnston	C	153	73.4	\$786	149	72.8	759
3017	1302 1303	Lincoln		1	63.8	\$3,037	1	63.0	3,037
3019	1322 1323	Middletown	C	5	55.5	\$1,355	4	53.0	1,409
3021	1352 1353 1354	Newport	B	178	72.5	\$1,026	183	72.4	966
3022	1342 1343	New Shoreham	B	9	69.2	\$1,035	8	68.0	1,027
3023	1372 1373	North Kingstown	C	135	71.7	\$776	126	71.8	706
3024	1382 1383	North Providence		144	73.5	\$528	143	72.9	529
3025	1392 1393	North Smithfield	B	60	74.6	\$538	63	73.6	513
3026	1412 1413	Pawtucket	C	441	72.9	\$762	433	72.7	743
3027	1515	Union Fire District		---	---	---	---	---	---
3029	1452	Richmond		8	73.8	\$446	8	72.9	446
3030	1462 1463	Scituate	B	52	73.4	\$761	52	72.6	744
3031	1472 1473	Smithfield		83	74.0	\$577	83	73.1	577
3032	1492 1493	South Kingstown	B	97	72.2	\$693	101	71.3	666
3033	1532 1533	Tiverton	C	55	75.0	\$562	56	74.5	536
3034	1562	Warren	C	51	74.9	\$657	52	74.1	631
3036	1622 1623	Westerly		11	76.4	\$985	13	77.6	880
3037	1602	West Greenwich		5	70.3	\$875	4	72.0	637
3039	1632 1633	Woonsocket	B	293	73.3	\$627	300	72.6	610
3040	1073	Chariho School District		22	63.6	\$612	22	63.5	543
3041	1203	Foster/Glocester	B	18	69.9	\$671	18	68.9	655
3042	1528	Tiogue Fire & Lighting	C,5	1	66.7	\$10	1	66.0	312
3043	1336	Narragansett Housing	C	1	67.8	\$437	1	67.0	436.6
3045	1098	Coventry Lighting District	C	---	---	---	---	---	---
3046	1242	Hope Valley Fire	C	---	---	---	---	---	---
3050	1156	East Greenwich Housing	C	---	---	---	---	---	---
3051	1116	Cranston Housing	C	9	73.5	\$630	10	71.9	597
3052	1166	East Providence Housing	B	9	77.1	\$582	10	76.9	593
3053	1416	Pawtucket Housing	B	20	74.7	\$807	17	76.5	732
3056	1126	Cumberland Housing	C	4	72.5	\$811	4	71.5	811
3057	1306	Lincoln Housing	B	6	73.2	\$1,073	6	72.0	1,047
3059	1016	Bristol Housing		3	72.4	\$614	3	71.7	614
3065	1036	Burrillville Housing	B	---	---	---	---	---	---
3066	1386	North Providence Housing	B	4	69.9	\$1,192	4	69.0	1,161
3067	1177	East Smithfield Water	C	1	61.5	\$660	1	61.0	622.9
3068	1227	Greenville Water		---	---	---	1	75.0	749

Retired Member Statistics

Old Unit Number	New Unit Number	Unit	Code(s)	Retirees and Beneficiaries As of June 30, 2003			Retirees and Beneficiaries As of June 30, 2002		
				Number	Average Age	Average Monthly Benefit	Number	Average Age	Average Monthly Benefit
				(1)	(2)	(3)	(4)	(5)	(6)
3069	1356	Newport Housing	C	11	62.3	\$1,340	11	61.4	1,308
3071	1566	Warren Housing	B	3	73.0	\$1,343	2	76.5	1,354
3072	1286	Johnston Housing		3	80.5	\$560	3	79.7	560
3077	1538	Tiverton Local 2670A	C	10	65.2	\$914	8	65.4	827
3078	1007 1009	Barrington COLA	C	6	65.3	\$1,296	4	64.5	1,140
3079	1096	Coventry Housing		6	73.6	\$434	6	72.5	434
3080	1496	South Kingstown Housing	C	1	82.4	\$246	1	81.0	246
3081	1403	N. RI Collaborative Adm. Services	C	---	---	---	---	---	---
3083	1616	West Warwick Housing	B	3	73.1	\$794	3	72.0	773
3084	1476	Smithfield Housing		---	---	---	---	---	---
3094	1478	Smithfield COLA	C	6	63.5	\$1,538	5	64.0	1813.1
3096	1056	Central Falls Housing	C	10	68.2	\$993	9	67.6	1,032
3098	1293	Lime Rock Administrative Services		---	---	---	---	---	---
3099	1063	Central Falls Schools	C	16	66.2	\$588	15	65.5	551
3100	1023	Bristol/Warren Schools	B	53	65.3	\$936	45	65.3	903
3101	1157	Town of E. Greenwich-COLA-NCE	C,2	---	---	---	---	---	---
All General Employee Units				3,343	72.5	\$775	3,336	72.1	\$744
Police and Fire Units									
4016	1285	Johnston Fire	D	---	---	---	---	---	---
4029	1454	Richmond Fire District		1	42.8	\$2,199	1	42.0	2199.3
4031	1474	Smithfield Police	C,D	1	75.5	\$374	2	73.0	249.5
4042	1555	Valley Falls Fire	D	5	58.2	\$1,505	5	57.2	1,505
4047	1395 1435	North Smithfield Voluntary Fire	B,D	5	58.6	\$1,836	4	60.5	1,712
4050	1155	East Greenwich Fire	C,D	18	64.3	\$1,646	16	66.1	1,561
4054	1154	East Greenwich Police	C,D	17	65.3	\$1,818	17	64.2	1,658
4055	1375	North Kingstown Fire	C,D	47	66.0	\$1,577	46	65.6	1,539
4056	1374	North Kingstown Police	C,D	15	54.8	\$2,755	15	54.6	2,680
4057	1235	Harris Fire Department	C	1	33.6	\$1,709	1	33.0	1,663
4058	1385	North Providence Fire	D	27	57.3	\$1,924	25	57.4	1,861
4059	1008	Barrington Fire (25)	C	---	---	---	---	---	---
4060	1004	Barrington Police	C,D	26	62.0	\$1,604	24	61.8	1,460
4061	1005	Barrington Fire (20)	C,D	31	66.7	\$1,182	30	65.5	1,205
4062	1564	Warren Police & Fire	C,D	25	63.9	\$1,457	26	63.8	1,395
4063	1494	South Kingstown Police	B,1	22	61.6	\$1,661	22	60.6	1,616
4073	1464	Scituate Police	3	1	74.0	\$497	1	73.0	497
4076	1394	North Smithfield Police	C,D	11	59.9	\$1,882	9	60.4	1,887
4077	1534	Tiverton Fire	C,D	17	62.9	\$1,357	18	63.1	1,305
4082	1194	Foster Police	C,D	2	62.4	\$1,203	2	61.0	1,203
4085	1634	Woonsocket Police	C,D	5	38.5	\$1,975	5	37.6	1,924
4086	1084	Charlestown Police	C,D	4	48.2	\$2,206	4	47.3	2,161
4087	1264	Hopkinton Police	C,D	1	75.5	\$1,072	1	75.0	1,041
4088	1214	Glocester Police	C,D	4	62.9	\$1,202	3	66.7	990
4089	1604	West Greenwich Police/Rescue	C,D	3	57.9	\$1,531	3	56.7	1,517
4090	1034	Burrillville Police	C,D	8	60.0	\$2,038	8	59.0	1,998
4091	1148	Cumberland Rescue	C,D	1	39.7	\$2,045	3	42.3	1,231
4092	1585	Washington Fire	D	1	48.9	\$2,552	1	48.0	2,552
4093	1635	Woonsocket Fire	C,D	4	27.4	\$1,524	4	22.5	991
4094	1015	Bristol Fire	C	---	---	---	---	---	---
4095	1135	Cumberland Hill Fire	C,D	3	55.1	\$2,145	3	54.0	2,087

Retired Member Statistics

Old Unit Number	New Unit Number	Unit	Code(s)	Retirees and Beneficiaries As of June 30, 2003			Retirees and Beneficiaries As of June 30, 2002		
				Number	Average Age	Average Monthly Benefit	Number	Average Age	Average Monthly Benefit
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4096	1014	Bristol Police	C,D	---	---	---	---	---	---
4098	1095	Coventry Fire	D	5	42.6	\$1,209	5	41.8	1,209
4099	1505	South Kingstown EMT	C,D	---	---	---	---	---	---
4100	1525	Tiogue Fire		3	51.6	\$1,664	1	49.0	2,528
4101	1365	North Cumberland	D	3	43.3	\$1,440	3	42.0	1,440
4102	1045	Central Coventry Fire	C,D	2	62.6	\$2,187	2	61.5	2,187
4103	1255	Hopkins Hill Fire	D	---	---	---	---	---	---
4104	1114	Cranston Police	C,D,4	3	40.1	\$2,974	1	39.0	3,037
4105	1115	Cranston Fire	C,D,4	---	---	---	---	---	---
4106	1125	Cumberland Fire	B,D	4	57.4	\$1,818	4	56.5	1,769
4107	1305	Lincoln Rescue	C	2	47.4	\$2,042	2	46.5	2,042
4108	1344	New Shoreham Police	B,D	---	---	---	---	---	---
9710	1324	Middletown Police & Fire	C,D	---	---	---	---	---	---
		All Police & Fire Units		328	60.5	\$1,675	317	60.2	\$1,598
		All MERS Units		3,671	71.5	\$856	3,653	71.1	\$818

B - Municipality has adopted COLA Plan B

C - Municipality has adopted COLA Plan C

D - Municipality has adopted the "20-year" optional Police & Fire Plan

1 - S.Kingstown Police have a unique plan that provides 2.0% of salary for service prior to July 1, 1993, and 2.5% of salary for service on or after July 1, 1993.

2 - New unit in 2003 valuation.

3 - Closed unit.

4 - Cranston Fire and Police are contributing 10% due to special plan provision.

5 - This unit has no active members.

**Distribution of Active Members by Age and by Years of Service (General Employees)
 As of 06/30/2003**

Attained Age	Years of Credited Service													Total Count & Avg. Comp.
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	
Under 25	34 \$23,308	26 \$21,834	11 \$23,694	8 \$25,446	6 \$23,417	1 \$41,142	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	86 \$23,326
25-29	24 \$25,842	50 \$23,068	43 \$27,850	26 \$28,118	15 \$27,189	29 \$26,518	2 \$32,455	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	189 \$26,159
30-34	49 \$28,356	52 \$23,511	53 \$24,360	38 \$26,331	38 \$28,057	88 \$29,928	49 \$33,568	1 \$37,437	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	368 \$27,951
35-39	116 \$26,099	103 \$23,169	118 \$21,970	88 \$25,716	59 \$24,087	130 \$30,995	145 \$32,897	62 \$13,000	2 \$36,841	0 \$0	0 \$0	0 \$0	0 \$0	823 \$27,548
40-44	71 \$28,578	109 \$22,334	168 \$20,512	92 \$23,068	95 \$24,139	285 \$26,630	172 \$30,488	87 \$9,458	44 \$36,639	4 \$39,773	0 \$0	0 \$0	0 \$0	1,127 \$26,563
45-49	74 \$24,650	118 \$22,188	124 \$21,353	119 \$22,420	89 \$25,458	315 \$25,487	268 \$28,946	116 \$6,675	76 \$39,521	47 \$36,436	3 \$31,755	0 \$0	0 \$0	1,349 \$27,052
50-54	41 \$21,508	54 \$24,616	91 \$23,826	67 \$25,703	65 \$29,343	251 \$24,679	290 \$27,805	169 \$5,106	90 \$37,447	61 \$41,036	28 \$38,393	1 \$35,861	0 \$0	1,208 \$28,652
55-59	33 \$29,860	32 \$22,994	57 \$25,566	39 \$23,778	27 \$27,851	169 \$26,168	212 \$27,418	176 \$5,574	87 \$35,290	50 \$39,280	30 \$48,972	5 \$46,573	0 \$0	917 \$29,359
60-64	12 \$29,425	17 \$23,770	25 \$25,804	25 \$28,164	19 \$30,240	91 \$25,676	109 \$28,212	86 \$9,325	69 \$30,508	48 \$34,539	22 \$35,574	3 \$29,897	0 \$0	526 \$29,363
65-69	5 \$25,080	4 \$16,244	5 \$21,500	4 \$26,656	8 \$22,659	30 \$27,479	41 \$27,356	38 \$11,240	24 \$27,456	17 \$28,922	11 \$30,391	2 \$26,298	0 \$0	189 \$27,195
70 & Over	4 \$22,457	0 \$0	6 \$17,814	2 \$14,776	2 \$11,170	11 \$18,415	19 \$23,330	18 \$1,890	7 \$19,329	12 \$25,665	12 \$20,524	4 \$19,405	2 \$40,745	99 \$22,409
Total	463 \$26,173	565 \$22,862	701 \$22,711	508 \$24,563	423 \$26,081	1,400 \$26,480	1,307 \$29,072	753 \$31,530	399 \$35,161	239 \$36,805	106 \$37,761	15 \$32,575	2 \$40,745	6,881 \$27,710

Distribution of Active Members by Age and by Years of Service (Police & Fire)
As of 06/30/2003

Attained Age	Years of Credited Service													Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	
Under 25	26 \$33,201	10 \$30,623	7 \$31,374	1 \$36,691	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	44 \$32,404
25-29	23 \$36,660	22 \$33,891	25 \$33,483	28 \$37,142	14 \$39,752	21 \$44,356	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	133 \$37,247
30-34	24 \$36,994	20 \$36,213	13 \$37,403	26 \$39,575	23 \$42,348	105 \$43,538	41 \$44,331	1 \$49,819	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	253 \$41,661
35-39	12 \$39,245	6 \$36,101	14 \$37,403	12 \$39,263	8 \$40,512	69 \$43,278	137 \$46,510	49 \$19,290	1 \$42,989	0 \$0	0 \$0	0 \$0	0 \$0	308 \$44,506
40-44	5 \$36,910	3 \$38,671	5 \$36,604	2 \$38,494	5 \$34,038	32 \$46,052	87 \$45,983	74 \$5,788	26 \$51,323	1 \$43,305	0 \$0	0 \$0	0 \$0	240 \$46,272
45-49	1 \$34,335	2 \$39,797	2 \$39,364	1 \$33,080	0 \$0	7 \$44,081	19 \$44,114	26 \$11,881	41 \$49,508	13 \$55,578	1 \$53,343	0 \$0	0 \$0	113 \$47,746
50-54	2 \$39,115	1 \$54,600	0 \$0	1 \$26,295	0 \$0	4 \$48,250	10 \$41,267	3 \$0	19 \$45,633	13 \$47,770	5 \$52,784	0 \$0	0 \$0	58 \$45,859
55-59	0 \$0	1 \$35,949	0 \$0	1 \$50,561	0 \$0	1 \$68,566	2 \$33,888	3 \$15,191	0 \$0	1 \$53,182	5 \$43,250	0 \$0	0 \$0	14 \$45,499
60-64	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	1 \$0	0 \$0	0 \$0	1 \$53,343	0 \$0	0 \$0	2 \$50,651
65-69	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0
70 & Over	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0
Total	93 \$36,154	65 \$35,059	66 \$35,277	72 \$38,385	50 \$40,496	239 \$44,071	296 \$45,637	157 \$47,297	87 \$49,130	28 \$51,429	12 \$48,905	0 \$0	0 \$0	1,165 \$43,370

Membership Data (General Employee Units)

	<u>June 30, 2003</u>	<u>June 30, 2002</u>
	(1)	(2)
1. Active members		
a. Number	6,881	7,013
b. Number vested	2,821	2,768
c. Total payroll supplied by ERSRI	\$190,674,806	\$187,756,303
d. Average salary	\$27,710	\$26,773
e. Average age	48.1	47.7
f. Average service	9.5	9.1
2. Inactive members		
a. Number	1,258	1,103
3. Service retirees		
a. Number	2,843	2,838
b. Total annual benefits	\$27,280,121	\$26,189,123
c. Average annual benefit	\$9,596	\$9,228
d. Average age	73.3	72.9
4. Disabled retirees		
a. Number	215	214
b. Total annual benefits	\$1,984,639	\$1,826,383
c. Average annual benefit	\$9,231	\$8,535
d. Average age	62.9	62.8
5. Beneficiaries and spouses		
a. Number	285	284
b. Total annual benefits	\$1,831,956	\$1,765,645
c. Average annual benefit	\$6,428	\$6,217
d. Average age	72.2	71.7

Membership Data (Police & Fire Units)

	<u>June 30, 2003</u> (1)	<u>June 30, 2002</u> (2)
1. Active members		
a. Number	1,165	1,113
b. Number vested	580	561
c. Total payroll supplied by ERSRI	\$50,526,225	\$46,517,158
d. Average salary	\$43,370	\$41,794
e. Average age	37.7	37.6
f. Average service	10.3	10.2
2. Inactive members		
a. Number	39	33
3. Service retirees		
a. Number	241	242
b. Total annual benefits	\$4,799,034	\$4,598,309
c. Average annual benefit	\$19,913	\$19,001
d. Average age	63.3	62.5
4. Disabled retirees		
a. Number	73	63
b. Total annual benefits	\$1,609,809	\$1,306,788
c. Average annual benefit	\$22,052	\$20,743
d. Average age	50.5	50.2
5. Beneficiaries and spouses		
a. Number	14	12
b. Total annual benefits	\$185,073	\$173,479
c. Average annual benefit	\$13,220	\$14,457
d. Average age	64.0	65.9

Membership Data (All MERS Units)

	<u>June 30, 2003</u> (1)	<u>June 30, 2002</u> (2)
1. Active members		
a. Number	8,046	8,126
b. Number vested	3,401	3,329
c. Total payroll supplied by ERSRI	\$241,201,031	\$234,273,461
d. Average salary	\$29,978	\$28,830
e. Average age	46.6	46.3
f. Average service	9.7	9.3
2. Inactive members		
a. Number	1,297	1,136
3. Service retirees		
a. Number	3,084	3,080
b. Total annual benefits	\$32,079,155	\$30,787,432
c. Average annual benefit	\$10,402	\$9,996
d. Average age	72.5	72.1
4. Disabled retirees		
a. Number	288	277
b. Total annual benefits	\$3,594,448	\$3,133,171
c. Average annual benefit	\$12,481	\$11,311
d. Average age	59.8	59.9
5. Beneficiaries and spouses		
a. Number	299	296
b. Total annual benefits	\$2,017,029	\$1,939,124
c. Average annual benefit	\$6,746	\$6,551
d. Average age	71.8	71.5

SUMMARY OF ACTUARIAL METHODS AND ASSUMPTIONS

I. Valuation Date

The valuation date is June 30th of each plan year. This is the date as of which the actuarial present value of future benefits and the actuarial value of assets are determined.

II. Actuarial Cost Method

The actuarial valuation uses the Entry Age Normal actuarial cost method. Under this method, the employer contribution rate is the sum of (i) the employer normal cost rate, and (ii) a rate that will amortize the unfunded actuarial accrued liability.

The employer normal cost rate is the total normal cost rate, less the member contribution rate. The total normal cost rate is the level percentage-of-pay contribution which would theoretically pay for all benefits if it had been made each year from the inception of the plan and if there had never been any changes of benefits, any changes of assumptions or methods, or any experience gains or losses. The normal costs are determined on an individual basis.

The actuarial accrued liability is the difference between the actuarial present value of all future benefits and the actuarial present value of future normal costs. It is the amount to which the normal costs would have accumulated under the assumptions described in the preceding paragraph. The unfunded actuarial accrued liability (UAAL) is the difference between the actuarial accrued liability and the actuarial value of assets.

The unfunded accrued liability contributions are determined by subtracting the actuarial value of assets from the actuarial accrued liability and amortizing the result over a closed 30-year period from June 30, 1999.

The contribution rate determined by this valuation will not be effective until two years later. The calculated contribution rate adjusted for the deferral period. Employer contributions are assumed to be made at the middle of the year.

III. Actuarial Value of Assets

The actuarial value of assets is based on the market value of assets with a five-year phase-in of actual investment return in excess of (less than) expected investment income. Expected investment income is determined using the assumed investment return rate and the market value of assets (adjusted for receipts and disbursements during the year). The returns are computed net of administrative and investment expenses.

IV. Actuarial Assumptions

A. Economic Assumptions

1. Investment return: 8.25% per year, compounded annually, composed of an assumed 3.00% inflation rate and a 5.25% net real rate of return. This rate represents the assumed return, net of all investment and administrative expenses.
2. Salary increase rate: A service-related component, plus a 3.00% inflation component, plus a general increase, as follows:

General Employees		
Years of Service	Service-related Component	Total Annual Rate of Increase Including 3.00% Inflation Component and 1.50% General Increase Rate
(1)	(2)	(3)
0	4.50%	9.00%
1	4.00	8.50
2	2.00	6.50
3	1.75	6.25
4	1.50	6.00
5 or more	0.00	4.50

Police & Fire		
Years of Service	Service-related Component	Total Annual Rate of Increase Including 3.00% Inflation Component and 2.00% General Increase Rate
(1)	(2)	(3)
0	10.50%	15.50%
1	4.00	9.00
2	1.50	6.50
3	1.00	6.00
4	0.75	5.75
5 or more	0.00	5.00

Salary increases are assumed to occur once a year, on July 1. Therefore the pay used for the period between the valuation date and the first anniversary of the valuation date is equal to the reported pay for the prior year, annualized if necessary, and then increased by the salary increase assumption.

3. Payroll growth rate: In the amortization of the portion of the unfunded accrued liability due to changes, gains and losses since inception, payroll is assumed to increase 3.75% per year. This increase rate is solely due to the effect of inflation on salaries, with no allowance for future membership growth.

B. Demographic Assumptions

1. Mortality rates (for active and retired members):
 - a. Healthy males – Based on the 1994 Group Annuity Mortality Table for males. Rates are set forward one year.
 - b. Healthy females - Based on the 1994 Group Annuity Mortality Table for females.
 - c. Disabled males – 65% of the PBGC Table Va for disabled males eligible for Social Security disability benefits
 - d. Disabled females – 100% of the PBGC Table VIa for disabled females eligible for Social Security disability benefits.

Sample rates are shown below:

Age	Expected Deaths per 100 Lives			
	Healthy Males	Healthy Females	Disabled Males	Disabled Females
(1)	(2)	(3)	(4)	(5)
25	0.07	0.03	3.14	2.63
30	0.08	0.04	2.35	2.37
35	0.09	0.05	1.81	2.14
40	0.12	0.07	1.83	2.09
45	0.17	0.10	2.09	2.24
50	0.29	0.14	2.49	2.57
55	0.49	0.23	3.13	2.95
60	0.90	0.44	3.92	3.31
65	1.62	0.86	4.41	3.70
70	2.60	1.37	4.80	4.11
75	4.09	2.27	5.47	4.92
80	6.86	3.94	7.33	7.46

2. Disability rates: Disability is assumed to occur in accordance with the following table with 25% of disabilities for general employees and 75% for police and fire considered occupational.

Age	Expected Disabilities Occurring per 100 Lives	
	General	Police & Fire
(1)	(2)	(3)
25	0.05	0.17
30	0.07	0.22
35	0.09	0.29
40	0.13	0.44
45	0.22	0.72
50	0.37	1.21
55	0.61	1.21
60	0.85	1.21
65	0.00	1.21

3. Termination rates (for causes other than death, disability or retirement):

Termination rates are a function of the member's sex, age and service. Termination rates are not applied after a member becomes eligible for a retirement benefit. For police and firemen, no withdrawal rates are assumed. Rates at selected ages are shown:

Active Male Members - General Employees											
Years of Service											
Attained Age	0	1	2	3	4	5	6	7	8	9	10+
20	0.1989	0.1979	0.1831	0.1580	0.1312	0.1148	0.1148	0.1148	0.1148	0.1148	0.1148
25	0.1780	0.1634	0.1413	0.1179	0.0980	0.0883	0.0883	0.0883	0.0883	0.0883	0.0883
30	0.1499	0.1297	0.1092	0.0908	0.0765	0.0700	0.0700	0.0700	0.0700	0.0700	0.0700
35	0.1281	0.1056	0.0868	0.0725	0.0626	0.0575	0.0575	0.0575	0.0575	0.0575	0.0575
40	0.1105	0.0894	0.0740	0.0636	0.0569	0.0517	0.0517	0.0517	0.0517	0.0517	0.0517
45	0.0973	0.0811	0.0706	0.0642	0.0599	0.0539	0.0539	0.0539	0.0539	0.0539	0.0539
50	0.0884	0.0805	0.0766	0.0744	0.0719	0.0653	0.0653	0.0653	0.0653	0.0653	0.0653
55	0.0840	0.0877	0.0919	0.0944	0.0932	0.0874	0.0874	0.0874	0.0874	0.0874	0.0874
60	0.0838	0.1024	0.1165	0.1241	0.1235	0.1202	0.1202	0.1202	0.1202	0.1202	0.1202
65	0.0878	0.1243	0.1506	0.1655	0.1676	0.1713	0.1713	0.1713	0.1713	0.1713	0.1713
70	0.0976	0.1573	0.1940	0.2055	0.1969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Active Females Members - General Employees											
Years of Service											
Attained Age	0	1	2	3	4	5	6	7	8	9	10+
20	0.2037	0.1831	0.1696	0.1609	0.1545	0.1491	0.1426	0.1345	0.1263	0.1181	0.1281
25	0.1926	0.1726	0.1593	0.1506	0.1443	0.1390	0.1329	0.1254	0.1178	0.1102	0.1190
30	0.1578	0.1376	0.1232	0.1130	0.1058	0.1005	0.0956	0.0905	0.0856	0.0807	0.0834
35	0.1337	0.1130	0.0975	0.0863	0.0786	0.0735	0.0694	0.0660	0.0629	0.0597	0.0584
40	0.1166	0.0952	0.0786	0.0667	0.0588	0.0539	0.0506	0.0483	0.0464	0.0442	0.0404
45	0.1066	0.0845	0.0672	0.0548	0.0469	0.0422	0.0395	0.0379	0.0364	0.0346	0.0296
50	0.1031	0.0806	0.0631	0.0508	0.0430	0.0385	0.0361	0.0346	0.0330	0.0308	0.0262
55	0.1055	0.0832	0.0664	0.0547	0.0472	0.0429	0.0407	0.0386	0.0360	0.0325	0.0300
60	0.1128	0.0918	0.0767	0.0663	0.0592	0.0551	0.0528	0.0496	0.0452	0.0394	0.0406
65	0.1315	0.1121	0.0998	0.0912	0.0846	0.0802	0.0776	0.0722	0.0645	0.0546	0.0624
70	0.1197	0.1059	0.0986	0.0935	0.0886	0.0849	0.0826	0.0764	0.0675	0.0564	0.0679

4. Retirement rates: For general employees, separate male and female rates, based on age, as shown below. Police and Firemen are assumed to retire at the later of age 60 and completion of 10 years of service, or at the later of the age 55 and completion of 25 years of service, if earlier. For police and fire departments electing the optional plan paying unreduced benefits after 20 years of service, employees are assumed to retire at the later of age 55 and completion of 10 years of service, or at the later of age 50 and completion of 20 years of service, if earlier.

Expected Retirements per 100 Lives General Employees		
Age	Male	Female
45	8	5
46	8	5
47	8	5
48	8	5
49	8	5
50	8	5
51	8	5
52	8	5
53	8	5
54	8	5
55	8	5
56	8	5
57	9	5
58	18	15
59	10	10
60	10	12
61	15	14
62	30	16
63	30	18
64	30	20
65	40	30
66	30	20
67	30	20
68	30	20
69	30	20
70	100	100

C. Other Assumptions

1. Percent married: 100% of employees are assumed to be married.
2. Age difference: Male members are assumed to be three years older than their spouses, and female members are assumed to be three years younger than their spouses.
3. Percent electing annuity on death (when eligible): All of the spouses of vested, married participants are assumed to elect an annuity.
4. Percent electing deferred termination benefit: Vested terminating members are assumed to elect a refund or a deferred benefit, whichever is more valuable at the time of termination.
5. Assumed age for commencement of deferred benefits: Members electing to receive a deferred benefit are assumed to commence receipt at the first age at which unreduced benefits are available.
6. Administrative expenses: The assumed investment return rate represents the anticipated net return after payment of all investment and administrative expenses.
7. Inactive members: Liabilities for inactive members were approximated as a multiple of their member contribution account balances. For non-vested members, the multiple was one, and for vested inactive members, the multiple was between three and eight, depending on age and service.

V. Participant Data

Participant data was supplied on electronic files. There were separate files for (i) active and inactive members, and (ii) members and beneficiaries receiving benefits.

The data for an active members included birthdate, sex, service, salary and employee contribution account balance. For retired members and beneficiaries, the data included date of birth, sex, spouse's date of birth (where applicable), amount of monthly benefit, date of retirement, and a form of payment code.

Salary supplied for the current year was based on the earnings for the year preceding the valuation date. This salary was adjusted by the salary increase rate for one year.

Assumptions were made to correct for missing, bad, or inconsistent data. These had no material impact on the results presented.

Summary of Benefit Provisions

1. Authority: The Municipal Employees' Retirement System (MERS) covers employees of certain participating Rhode Island municipalities and other local governmental units, such as housing authorities, water districts, etc. Benefits are described in Rhode Island General Laws, Title 45, Chapters 19, 19.1, 21, 21.1, 21.2, and 21.3.
2. Plan Year: A twelve-month period ending June 30th.
3. Administration: MERS is administered by the State of Rhode Island Retirement Board. However, the State Treasurer is responsible for the investment of the trust assets, including the establishment of the asset allocation policy.
4. Type of Plan: MERS is a qualified governmental defined benefit retirement plan. Separate contribution rates are determined for each participating governmental unit. For Governmental Accounting Standards Board purposes, it is an agent multiple-employer plan.
5. Eligibility: General employees, police officers and firefighters employed by electing municipalities participate in MERS. Teachers and administrators are covered by the separate Employees' Retirement System of Rhode Island, but other school employees may be covered by MERS. Eligible employees become members at their date of employment. Anyone employed by a municipality at the time the municipality joins MERS may elect not to be covered. Elected officials may opt to be covered by MERS. Employees covered under another plan maintained by the municipality may not become members of MERS. Police officers and/or firefighters may be classified as such by the municipality, in which case the special contribution and benefit provisions described below will apply to them, or they may be classified as general employees with no special benefits. Members designated as police officers and/or firefighters are treated as belonging to a separate unit from the general employees, with separate contribution rates applicable.

6. Employee Contributions: General employees contribute 6.00% of their salary per year, and police officers and firefighters contribute 7.00%. In addition, if the municipality has elected one of the optional cost of living provisions, an additional member contribution of 1.00% of salary is required. If a municipality elects the optional 20-year retirement provision for its police officers and/or its firefighters, an additional contribution of 1.00% of salary will be required from these members. The municipality, at its election, may choose to "pick up" the members' contributions for its employees under the provisions of Internal Revenue Code (IRC) Section 414(h).
7. Salary: Salary includes the member's base earnings plus any payments under a regular longevity or incentive plan. Salary excludes overtime, unused sick and vacation leave, severance pay, and other extraordinary compensation. Certain amounts that are excluded from taxable wages, such as amounts sheltered under a Section 125 plan or amounts picked up by the employer under IRC Section 414(h), are not excluded from salary.
8. Employer Contributions: Each participating unit's contribution rate is determined actuarially. Contributions determined in a given actuarial valuation go into effect two years after the actuarial valuation.
9. Service: Employees receive credit for service while a member. In addition, a member may purchase credit for certain periods by making an additional contribution to purchase the additional service. Special rules and limits govern the purchase of additional service and the contribution required.
10. Final Average Compensation (FAC): The average of the member's highest three consecutive annual salaries. Monthly benefits are based on one-twelfth of this amount.

11. Retirement

- a. **Eligibility:** General employees are eligible for retirement on or after age 58 if they have credit for 10 or more years of service, or at any age if they have credit for at least 30 years of service. Members designated as police officers or firefighters may retire at or after age 55 with credit for at least 10 years of service, or at any age with credit for 25 or more years of service. Members may retire and receive a reduced benefit if they are at least age 50 and have at least 20 years of service. If the municipality elects to adopt the 20-year retirement provisions for police officers and/or firefighters, then such a member may retire at any age with 20 or more years of service.
- b. **Monthly Benefit:** 2.00% of the member's monthly FAC for each year of service, up to 37.5 years (75% of FAC maximum). If the optional 20-year retirement provisions are adopted by the municipality, the benefit is 2.50% of the member's monthly FAC for each year of service, up to 30 years (75% of FAC maximum). If a police officer or firefighter not covered by the 20-year retirement provision retires before age 55 with at least 20, but less than 25, years of service, benefits are reduced 0.5% per month that the member's age at retirement is less than 55.
- c. **Payment Form:** Benefits are paid as a monthly life annuity. Optional forms of payment are available; see below.
- d. **Death benefit:** After retirement, death benefits are based on the form of annuity elected. If no option is elected, i.e., if payments are made as a life annuity, there is a minimum death benefit equal to the sum of the member's contributions without interest, less the sum of the monthly benefit payments made before the member's death. In addition, a lump-sum death benefit is payable upon the death of any retired member, regardless of option elected. This lump sum is equal to a percentage of the lump-sum death benefit that was available to the member at the time of retirement. The percentage is 100% in the first year of retirement, 75% in the second year, 50% in the third year, and 25% in the fourth and subsequent years of retirement. However, in no event will the lump sum death benefit be less than \$4,000.

12. Disability Retirement

- a. Eligibility: A member is eligible provided he/she has credit for at least five years of service or if the disability is work-related.
- b. Ordinary Disability Benefit: The benefit payable under the retirement formula, using FAC and service at the time of disability, but not less than 10 years of service.
- c. Occupational Disability Benefit: An annual annuity equal to two-thirds of salary at the time of disability.
- d. Payment Form: The disability benefit commences immediately upon the member's retirement. Benefits cease upon recovery or reemployment. Disability benefits are payable as a monthly life annuity with a guarantee that, at the member's death, the sum of the member's contributions plus interest as of the date of retirement will be paid in a lump-sum to the member's beneficiary. All alternative forms of payment except for the Social Security Option are permitted in the case of disability retirement.

13. Deferred Termination Benefit

- a. Eligibility: A member with at least ten years of service is vested. A vested member who does not withdraw his/her contributions from the fund is eligible for a deferred termination benefit.
- b. Monthly Benefit: The monthly benefit is based on the retirement formula described above. Both FAC and service are determined at the time the member leaves active employment. Benefits may commence at age 58 or at such earlier age that the member has met the requirements for a retirement benefit.
- c. Payment Form: The same as for Retirement above.
- d. Death Benefit before Retirement: A member who dies after leaving active service but before retiring is entitled to receive a benefit as described below in Item 15.
- e. Death Benefit after Retirement: The same as for Retirement above.

14. Withdrawal (Refund) Benefit

- a. Eligibility: All members leaving covered employment with less than ten years of service are eligible. Optionally, vested members (those with ten or more years of service) may withdraw their accumulated contributions in lieu of the deferred benefits otherwise due.
- b. Benefit: The member who withdraws receives a lump-sum payment of equal to the sum of his/her employee contributions. No interest is credited on these contributions.

15. Death Benefit of Active or Inactive Members

- a. Eligibility: Death must have occurred while an active member or while an inactive, non-retired member. The basic benefit plus the lump-sum benefit are paid on behalf of an active, general employee, and the special police/fire benefit and the lump-sum benefit are paid on behalf of an active police officer or firefighter. If the death was due to accidental, duty-related causes, the accidental death benefit is paid regardless of whether the employee is a general employee, a police officer, or a firefighter. Inactive members receive a refund of their accumulated contributions without interest.
- b. Basic Benefit: Upon the death of a non-vested member, or upon the death of a vested, inactive member, or upon the death of an active, unmarried member, a refund of the member's contributions (without interest) is paid. Upon the death of a vested, married, active member, the spouse may elect (i) the refund benefit described above, or (ii) a life annuity paid to the spouse or beneficiary. The amount of the annuity is equal to the amount which would have been paid had the member retired at the time of his death and elected the Joint and 100% Survivor option. If the member was not eligible for retirement, the annuity benefit is reduced 6% per year from the date at which the member would have been eligible had he or she remained in service.
- c. Lump-sum Benefit: \$800 per year of service, with a maximum benefit of \$16,000 and a minimum of \$4,000.

- d. **Special Police/Fire Death Benefit:** In lieu of the basic benefit above, if a police officer or firefighter dies while an active member, an annuity of 30% of the member's salary will be paid to the member's spouse, for life or until remarriage. Children's benefits may also be payable.
 - e. **Accidental Duty-related Death Benefit:** If a member dies as the result of an accident while in the course of his or her duties, in lieu of the above benefits the member's spouse may elect to receive (i) a refund of all contributions made (including interest), and (ii) an annual life annuity equal to 50% of the member's salary at the time of death. The annuity benefit stops when the spouse remarries or dies, although it may be continued to any children under age 18 or to any dependent parents.
16. **Optional Forms of Payment:** In addition to a life annuity, MERS offers members these optional forms of payment on an actuarially equivalent basis:
- a. **Option 1 (Joint and 100% Survivor)** - A life annuity payable while either the participant or his beneficiary is alive.
 - b. **Option 2 (Joint and 50% Survivor)** - A life annuity payable to the member while both the member and beneficiary are alive, reducing to 50% of this amount if the member predeceases the beneficiary.
 - c. **Social Security Option** – An annuity paid at one amount prior to age 62, and at a reduced amount after age 62, designed to provide a level total income when combined with the member's age 62 Social Security benefit. Benefits cease upon the member's death.
- Actuarial equivalence is based on tables adopted by the Employees' Retirement Board.
17. **Post-retirement Benefit Increase:** Members employed by municipalities who elect one of the optional COLA provisions receive an increase equal to 3% of the original retirement benefit each year, beginning January 1 following the member's retirement. This increase is not tied in any way to actual increases in the cost of living, and increases are not compounded. When a municipality elects coverage, it may elect either COLA C (covering only current and future active members and excluding members already retired) or COLA B (covering current retired members as well as current and future active members).