

**REPORT ON  
THE EIGHTY-THIRD VALUATION OF  
THE EMPLOYEES' RETIREMENT SYSTEM  
OF THE CITY OF PROVIDENCE  
AS OF JUNE 30, 2010**

December 14, 2010

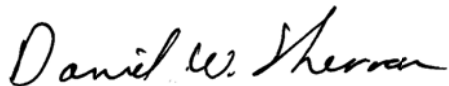
Retirement Board  
Employees' Retirement System of the  
City of Providence  
City Hall  
Providence, Rhode Island 02903

Dear Board Members:

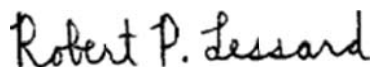
This report presents the results of the eighty-third actuarial valuation of the system, prepared as of June 30, 2010, which develops the appropriation required by the City for the fiscal year beginning July 1, 2011.

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

Respectfully submitted,

A handwritten signature in black ink that reads "Daniel W. Sherman". The script is fluid and cursive.

Daniel W. Sherman, ASA, MAAA, EA  
Director and Consulting Actuary

A handwritten signature in black ink that reads "Robert P. Lessard". The script is fluid and cursive.

Robert P. Lessard  
Consultant

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REPORT ON THE EIGHTY-THIRD VALUATION OF THE  
EMPLOYEES' RETIREMENT SYSTEM OF THE  
CITY OF PROVIDENCE  
AS OF JUNE 30, 2010

SECTION I - SUMMARY OF PRINCIPAL RESULTS

1. For convenience of reference, the principal results of the current and preceding valuations are summarized below:

Valuation Date	6/30/2009	6/30/2010
Number of active members		
Vested	1,796	1,849
Nonvested	1,159	1,149
Total	2,955	2,998
Annual base salaries of active members	\$ 135,515,656	\$ 137,355,155
Average base salary of active members	\$ 45,860	\$ 45,816
Number of retirees and beneficiaries	2,898	2,929
Annual retirement allowances	\$ 75,170,939	\$ 78,988,781
Average retirement allowance	\$ 25,939	\$ 26,968
Number of non-active members with contributions	455	432
Accumulated member contributions	\$ 9,018,971	\$ 10,826,649
Market value of plan assets (accrual basis)	\$ 345,561,291	\$ 368,448,768
Assets for valuation purposes	\$ 405,217,490	\$ 427,890,901
Unfunded accrued liability	\$ 804,763,439	\$ 828,484,533
Contribution rates required		
Class A	21.76%	21.98%
Class B Fire	81.73%	90.63%
Class B Police	63.00%	64.44%

2. Comments on the valuation results as of June 30, 2010 are given in Section IV and the appropriation payable by the City during the fiscal period beginning July 1, 2011 is set out in Section V.
3. The valuation was based on the assumptions as outlined in Schedule B. All assumptions remained the same as the June 30, 2009 valuation.
4. Schedule D of this report presents a summary of the main provisions of the act governing the system, as interpreted in preparing the actuarial valuation. In particular, the valuation reflected the following with respect to annual cost of living adjustments (COLAs):

<u>Group</u>	<u>COLA</u>	<u>Number of Recipients</u>
(a) Class A		
(i) Retired prior to 12/19/1991	- 3%, compounded	562
(ii) Retired after 12/18/1991	- None	1,063
(iii) Special award	- 5%, compounded	<u>5</u>
Total of Class A		1,630
(b) Class B - Police*		
(i) Retired prior to 1/1/1990	- 5%, compounded	278
(ii) Retired between 1/1/1990 and 12/18/1991	- 6%, compounded	33
(iii) Retired between 12/19/1991 and 12/31/1992	- 3%, compounded	30
(iv) Retired after 12/31/1992	- 3%, compounded	277
(v) Special award	- 5%, compounded	<u>20</u>
Total of Police		638

<u>Group</u>	<u>COLA</u>	<u>Number of Recipients</u>
(c) Class B - Fire*		
(i) Retired prior to 1/1/1990	- 5%, compounded	265
(ii) Retired between 1/1/1990 and 12/18/1991	- 6%, compounded	67
(iii) Retired between 12/19/1991 and 6/30/1995	- 5%, compounded	90
(iv) Retired on or after 7/1/1995	- 3%, compounded	216
(v) Special award	- 5%, compounded	<u>17</u>
Total of Fire		655
(d) Total Number of Class A and Class B retirees and beneficiaries		2,923**

\* There are 40 Class B employees who retired as Non-Union participants and are included in the counts above but each has a simple 3% COLA on the first \$12,000 of the annual benefit.

\*\* Excludes elected officials and 6 Class A and B employees who retired prior to June 30, 2010 but were not processed on the June 30, 2010 payroll.

There is a three-year deferral of the initial COLA for current active members when they retire.

SECTION II - EMPLOYEE DATA

1. Employee data were furnished by the City Controller.
2. Tables 1 and 2 of Schedule E show the number and annual salaries of active members, while the remaining tables of Schedule E show the number and annual retirement allowances of retirees and beneficiaries as of June 30, 2010.

SECTION III - ASSETS

1. The amount of the assets taken into account in the valuation was obtained from information submitted by the City Controller.
2. The market value of the assets of the system as of June 30, 2010 on a “cash basis” was \$316,485,233. We converted this to an “accrual basis” value of \$368,448,768 by adding \$51,963,535, the discounted value of the City’s \$56,380,436 contribution appropriated for the July 1, 2010 to June 30, 2011 fiscal year and assumed deposited on June 30, 2011.
3. The amount of assets used for valuation purposes of \$427,890,901 was determined on an “accrual basis” by the use of a five-year moving average of market values. Schedule C outlines the calculation of this value.

SECTION IV - COMMENTS ON VALUATION

1. Schedule A of this report presents the results of the valuation and shows the present and prospective assets and liabilities of the retirement system of June 30, 2010. Actuarial accrued liabilities consist of \$366,866,155, which equals the actuarial accrued value of prospective benefits of active members; plus \$878,682,629, which equals the present value of obligations to retired members and their beneficiaries; plus \$10,826,650, which equals the value of contributions of non-active members remaining in the fund. These liabilities amount to \$1,256,375,434, which is met by the City and members through annual contributions. Against these prospective liabilities, the system has present assets of \$427,890,901, leaving \$828,484,533 as the unfunded accrued liability.
2. Section V discusses the portion of the total prospective City obligation we recommend for current payment.
3. Schedule G of the report discusses experience gain/(loss) in the last year. The system's actual experience was better than expected, resulting in a gain of \$5,447,807. Assets exceeded the expected rate of return, resulting in a gain of \$4,953,575. Gains from liability were \$494,232. Gains from changes in assumptions decreased the unfunded liability by \$2,657,168. For more detail on gain/(loss), please see Schedule G.
4. The actuarial value of assets exceeds the market value by about \$59 million, due to the deferral of past losses under the asset smoothing method.



SECTION V - APPROPRIATION PAYABLE BY CITY

1. Schedule A gives the basis for determining the appropriation payable by the City during the fiscal period beginning July 1, 2011. In accordance with the law governing the operation of the retirement system, we recommend contribution rates of 21.98% for Class A members, 90.63% for Class B Fire and 64.44% for Class B Police. These rates are based on amortizing the unfunded accrued liability as of June 30, 2010 on a level percentage-of-payroll basis over a 29-year period. If these rates are applied to the annual compensation of active members in this actuarial valuation, increased by \$492,606 to amortize the remaining deferred contribution as of June 30, 1996 over a 30-year period, and adjusted to a monthly basis, contributions payable by the City for the fiscal year beginning July 1, 2011 are as shown below:

<b>Group</b>	<b>Amount</b>
Class A:	
General	\$ 7,431,115
School	7,022,869
School Crossing Guards	221,426
Water	2,555,786
Workforce Development (JTPA)	277,557
Fire Civilians	199,635
Police Civilians	791,320
Total Class A	\$ 18,499,708
Class B:	
Fire	\$ 21,296,924
Police	19,132,293
Total Class B	\$ 40,429,217
Grand Total	\$ 58,928,925

2. The assets and liabilities in the valuation do not take the elected officials' pensions into account. Therefore, in addition, the City should contribute an amount sufficient to provide for the payment of the special pensions to elected officials on a pay-as-you-go basis. Any deficiency which arises on account of elected officials whereby the contribution paid for a fiscal year is not sufficient to cover the special pensions paid that year to such retired members should be met by a special contribution by the City.

### SECTION VI - ACCOUNTING INFORMATION

Based on our interpretation of Statement 25 of the Governmental Accounting Standards Board, the results of the June 30, 2009 and June 30, 2010 actuarial valuations are shown below:

	June 30, 2009	June 30, 2010
1. Normal cost for employees	\$ 10,380,112	\$ 10,604,240
2. Normal cost for employers	\$ 9,301,881	\$ 9,489,420
3. Actuarial liability for active members	\$ 357,829,214	\$ 366,866,155
4. Actuarial liability for retired members	\$ 852,151,715	\$ 889,509,279
5. Total actuarial liability	\$ 1,209,980,929	\$ 1,256,375,434
6. System assets	\$ 405,217,490	\$ 427,890,901
7. Unfunded actuarial accrued liability	\$ 804,763,439	\$ 828,484,533
8. Ratio of assets to actuarial liability	33.49%	34.06%
9. Investment return assumption	8.50%	8.50%
10. Rate of salary increase	graded%*	graded%*

\* See Schedule B

### SCHEDULE OF EMPLOYER CONTRIBUTIONS (dollar amounts in thousands)

Year Ended June 30	Annual Required Contribution	Percentage Contribution
1996	\$16,136	100.00%
1997	\$21,089	93.58%
1998	\$35,701	57.52%
1999	\$37,445	56.15%
2000	\$37,415	60.00%
2001	\$38,899	60.60%
2002	\$42,442	64.18%
2003	\$42,008	80.25%
2004	\$46,321	85.99%
2005	\$49,329	92.15%
2006	\$51,454	96.22%
2007	\$50,584	100.20%
2008	\$54,200	100.00%
2009	\$48,509	99.80%
2010	\$50,299	97.66%

**SCHEDULE OF FUNDING PROGRESS**  
(dollar amounts in thousands)

Year Ended June 30	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
1994	\$286,956	\$500,119	\$213,163	57.38%	\$84,176	253.23%
1995	\$293,454	\$460,567	\$167,113	63.72%	\$88,335	189.18%
1996	\$287,320	\$699,265	\$411,945	41.09%	\$84,178	489.38%
1997	\$288,800	\$732,373	\$443,573	39.43%	\$88,959	498.63%
1998	\$315,000	\$732,775	\$417,775	42.99%	\$99,182	421.22%
1999	\$325,576	\$746,264	\$420,688	43.63%	\$106,717	394.21%
2000	\$341,817	\$798,292	\$456,475	42.82%	\$114,164	399.84%
2001	\$341,986	\$821,363	\$479,377	41.64%	\$116,493	411.51%
2002	\$340,550	\$867,457	\$526,907	39.26%	\$114,265	461.13%
2003	\$334,929	\$899,336	\$564,407	37.24%	\$115,015	490.72%
2004	\$372,128	\$1,025,345	\$653,217	36.29%	\$115,548	565.32%
2005	\$376,690	\$993,029	\$616,339	37.93%	\$118,825	518.70%
2006	\$393,768	\$1,052,805	\$659,036	37.40%	\$126,458	521.15%
2007	\$426,055	\$1,079,017	\$652,962	39.49%	\$132,719	491.99%
2008	\$449,464	\$1,165,183	\$715,719	38.57%	\$133,008	538.10%
2009	\$405,217	\$1,209,981	\$804,763	33.49%	\$135,516	593.85%
2010	\$427,891	\$1,256,375	\$828,485	34.06%	\$137,355	603.17%

ANNUAL PENSION COST AND NET PENSION OBLIGATION FOR  
FISCAL YEARS BEGINNING JULY 1, 2009 AND JULY 1, 2010

The pension cost and net pension obligation as required by Statement 27 of the Governmental Accounting Standards Board are:

Fiscal year beginning July 1, 2009

Net Pension Obligation (NPO) at June 30, 2009	\$127,487,292
a. Annual Required Contribution	50,299,120
b. Interest on NPO	10,836,420
c. Amortization of NPO	(7,732,852)
Annual Pension Cost	53,402,688
Contributions Paid (not discounted)	(49,122,875)
Increase in NPO	4,279,813
NPO of June 30, 2010	\$131,767,105

Fiscal year beginning July 1, 2010

Net Pension Obligation (NPO) at June 30, 2010	\$131,767,105
d. Annual Required Contribution	56,380,436
e. Interest on NPO	11,200,204
f. Amortization of NPO	(8,154,798)
Annual Pension Cost	59,425,842
Expected Contributions to be Paid (not discounted)	(56,380,436)
Increase in NPO	3,045,406
Expected NPO of June 30, 2011	\$134,812,510

SCHEDULE A

RESULTS OF THE VALUATION AS OF JUNE 30, 2010  
(Excluding Elected Officer Funds)

	Class A	Class B			Grand Total
		Fire	Police	Total	
1. Actuarial Accrued Liabilities					
(a) Actuarial accrued value of all future benefits payable to active members	\$ 159,926,111	\$ 100,992,800	\$ 105,947,244	\$ 206,940,044	\$ 366,866,155
(b) Actuarial accrued value of benefits payable to retirees and beneficiaries including benefits payable on death	216,798,893	369,475,148	292,408,588	661,883,736	878,682,629
(c) Employee contributions of non-active members	8,985,533	345,189	1,495,928	1,841,117	10,826,650
(d) Total accrued actuarial liabilities	\$ 385,710,537	\$ 470,813,137	\$ 399,851,760	\$ 870,664,897	\$ 1,256,375,434
2. Assets of the System	\$ 131,363,623	\$ 160,347,498	\$ 136,179,780	\$ 296,527,278	\$ 427,890,901
3. Unfunded Value of Total Prospective Contributions by the City (1(d) minus 2)	\$ 254,346,914	\$ 310,465,639	\$ 263,671,980	\$ 574,137,619	\$ 828,484,533
4. Amortization (29 years)	\$ 15,026,826	\$ 18,342,322	\$ 15,577,751	\$ 33,920,073	\$ 48,946,899

	Class A	Class B			Grand Total
		Fire	Police	Total	
5. Total Individual Entry Age Normal Cost	\$ 9,063,213	\$ 4,686,129	\$ 5,251,336	\$ 9,937,465	\$ 19,000,678
6. Employee Normal Cost	\$ 6,127,167	\$ 2,229,358	\$ 2,247,715	\$ 4,477,073	\$ 10,604,240
7. Net City Normal Cost with Interest	\$ 3,318,237	\$ 2,776,574	\$ 3,394,609	\$ 6,171,183	\$ 9,489,420
8. Net City Normal Cost without Interest as a Percent of Pay	3.49%	10.46%	10.12%	10.27%	6.11%
9. Amortization of 1995 Deferral	\$ 154,645	\$ 178,028	\$ 159,933	\$ 337,961	\$ 492,606
10. Total City Appropriation (4 plus 7 plus 9)*	\$ 18,499,708	\$ 21,296,924	\$ 19,132,293	\$ 40,429,217	\$ 58,928,925
11. Total Contribution Rate for Fiscal Year Beginning July 1, 2010	21.98%	90.63%	64.44%	76.01%	42.90%
12. Payroll	\$ 84,165,289	\$ 23,497,580	\$ 29,692,286	\$ 53,189,865	\$ 137,355,155

\* Assumed payments throughout 2012

SCHEDULE B

## OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

INTEREST RATE:  $8\frac{1}{2}\%$  per annum, compounded annually for General Funds and School Teacher Funds.

SEPARATIONS FROM ACTIVE SERVICE: Representative values of the assumed annual rates of withdrawal and deferred retirement, disability, death and service retirement among members in active service are as follows:

CLASS A

Age	Retirement	Disability	
		Ordinary	Accidental
20		.00025	.00010
25		.00030	.00015
30		.00030	.00015
35		.00050	.00025
40		.00080	.00040
45	.0671	.00125	.00060
50	.0925	.00185	.00090
55	.0859	.00255	.00130
59	.1138	.00370	.00185
60	.1229	.00415	.00210
64	.1741	.00625	.00310
65	.2500	.00680	.00340
70	.2500	.00680	.00340
75	1.0000		

Age	Withdrawal and Deferred Retirement	Ordinary and Accidental Death	
		Men	Women
20	.1413	.00035	.00019
25	.1206	.00038	.00021
30	.0644	.00044	.00026
35	.0473	.00077	.00048
40	.0389	.00108	.00071
45	.0272	.00151	.00112
50	.0174	.00214	.00168
54	.0101	.00281	.00232
55		.00303	.00253
60		.00488	.00393
65		.00757	.00582
70		.00992	.00761



CLASS B

Age	Withdrawal and Deferred Disability	Disability		Ordinary and Accidental Death	
		Ordinary	Accidental	Men	Women
20	.0258	.0001	.0008	.00035	.00019
25	.0183	.0001	.0011	.00038	.00021
30	.0104	.0002	.0017	.00044	.00026
35	.0046	.0025	.0023	.00077	.00048
40	.0029	.0004	.0034	.00108	.00071
45	.0024	.0007	.0060	.00151	.00112
50		.0011	.0104	.00214	.00168
55			.0149	.00281	.00232
59			.0194	.00303	.00253
				.00488	.00393

Age	Retirement
40	.07403
45	.07599
50	.08004
55	.08860
56	.09124
57	.09439
58	.09788
59	.10238
60	1.00000

SALARY INCREASES NOT INCLUDING LONGEVITY: Next 3 years - 4.25%, thereafter - 4.5%.

ANNUAL INCREASE IN AMORTIZATION PAYMENT: 5%

## LONGEVITY TABLES:

CLASS A:FOR EMPLOYEE HIRED ON OR PRIOR TO OCTOBER 23, 1999:

<u>YEAR OF SERVICE</u>	<u>PERCENTAGE AMOUNT</u>
5 years but less than 10 years	5%
10 years but less than 15 years	6%
15 years but less than 20 years	7%
20 years or more	8%

FOR EMPLOYEES HIRED AFTER OCTOBER 23, 1999:

<u>YEAR OF SERVICE</u>	<u>PERCENTAGE AMOUNT</u>
7 years but less than 12 years	4%
12 years but less than 17 years	5%
17 years but less than 20 years	6%
20 years or more	7%

CLASS B:FIRE:FOR EMPLOYEE HIRED ON OR PRIOR TO JUNE 30, 1996

<u>YEAR OF SERVICE</u>	<u>PERCENTAGE AMOUNT</u>
5 years but less than 10 years	8%
10 years but less than 15 years	9%
15 years but less than 20 years	10%
20 years or more	11%

FOR EMPLOYEES HIRED AFTER JUNE 30, 1996

<u>YEAR OF SERVICE</u>	<u>PERCENTAGE AMOUNT</u>
5 years but less than 10 years	7%
10 years but less than 15 years	8%
15 years but less than 20 years	9%
20 years or more	10%

POLICE:FOR EMPLOYEE HIRED ON OR PRIOR TO JUNE 30, 1998

<u>YEAR OF SERVICE</u>	<u>PERCENTAGE AMOUNT</u>
0 year but less than 6 years	0%
6 years but less than 11 years	8%
11 years but less than 16 years	9%
16 years but less than 21 years	10%
21 years or more	11%

FOR EMPLOYEES HIRED AFTER JUNE 30, 1998

<u>YEAR OF SERVICE</u>	<u>PERCENTAGE AMOUNT</u>
0 year but less than 6 years	0%
6 years but less than 11 years	7%
11 years but less than 16 years	8%
16 years but less than 21 years	9%
21 years or more	10%

DEATHS AFTER RETIREMENT: Based on the RP-2000 Mortality Table producing the following life expectancies.

Age	CLASS A and CLASS B			
	Service		Disability	
	Male	Female	Male	Female
50	30.074	33.268	27.550	30.526
55	25.858	28.686	23.318	26.009
60	21.636	24.272	19.190	21.750
65	17.615	20.126	15.354	17.776
70	13.917	16.270	11.877	14.124

VALUATION METHOD: Individual entry age method. Gains and losses are reflected in the period remaining to liquidate the unfunded accrued liability.

ASSET VALUATION METHOD: Five-year smoothed market value. The actuarial value of assets is determined according to the following general formula, provided such value is within a 20% corridor of the market value:

$$VA = MV - .8I_1 - .6I_2 - .4I_3 - .2I_4$$

where

VA = Valuation assets.

MV = Market value of assets as of the valuation date.

$I_n$  = Investment gain (loss) during  $n^{\text{th}}$  year preceding the valuation date.

PURCHASED SERVICE LOAD: Due to a lack of purchased service data, loads have been added on to Fire and Police service. The loads were determined by retirement trends found in the period from July 1, 2004 to June 30, 2006 and are as follows:

Fire Service Load = +0.63 years of service

Police Service Load = +2.11 years of service

Class A did not receive a load as trends showed the impact of purchased service was insignificant.

**SCHEDULE C**  
**DETERMINATION OF ADJUSTED ASSET VALUE**

<b>Reconciliation of Market Value of Plan Assets (accrual basis), 7/1/2006 - 7/1/2010</b>				
	7/1/2006 - 6/30/2007	7/1/2007 - 6/30/2008	7/1/2008 - 6/30/2009	7/1/2009 - 6/30/2010
Market value at beginning of period	363,366,076	413,539,963	361,121,167	298,280,996
Contributions during period	61,208,078	65,663,848	59,642,378	60,590,954
Total investment income	65,873,326	(34,744,385)	(44,215,885)	39,116,922
Benefit payments and expenses	(76,907,517)	(83,338,259)	(78,266,664)	(81,503,639)
Market value at end of period	413,539,963	361,121,167	298,280,996	316,485,233
Expected market value at end of period	380,440,763	436,774,657	377,487,246	301,831,267
Investment gain/(loss) for the year	33,099,200	(75,653,490)	(79,206,250)	14,653,966

<u>Year Ended</u>	<u>Investment Gain / (Loss)</u>		<u>Weight</u>		<u>Weighted Gain / (Loss)</u>
6/30/2010	14,653,966	x	0.80	=	11,723,172
6/30/2009	(79,206,250)	x	0.60	=	(47,523,750)
6/30/2008	(75,653,490)	x	0.40	=	(30,261,396)
6/30/2007	33,099,200	x	0.20	=	6,619,840
					<u>(59,442,134)</u>

Actuarial Value of Assets = Market Value minus weighted gain / (loss) = 375,927,366

Plus discounted value of contribution due to be paid on June 30, 2011 51,963,535

Total 427,890,901

The return on the actuarial value of assets was 10.55% for the prior plan year. The return on a market value basis was about 12.80%.

SCHEDULE D

SUMMARY OF MAIN PROVISIONS OF RETIREMENT SYSTEM

AS INTERPRETED FOR VALUATION PURPOSES

1 - BENEFITS

Final compensation is the average of the highest three years of base compensation including longevity pay earned by a member during his total service as an employee.

Service is total employment by the City plus any purchased service.

Normal Service Retirement Allowance

Conditions for Allowance

The minimum age for normal service retirement is:

For Class A members hired prior to July 1, 1995:

Age 55 or the age at which 25 years of service are completed, if earlier.

For Class A members hired between July 1, 1995 and June 30, 2004:

Age 55 or the age at which 30 years of service are completed, if earlier.

For Class A members hired between July 1, 2004 and June 30, 2009:

Age 60 or the age at which 30 years of service are completed, if earlier.

For Class A members hired on or after July 1, 2009:

Age 62 with 10 years of service or the age at which 30 years of service are completed, if earlier.

For Class B members:

Age 55 or the age at which 20 years of service are completed, if earlier.

## Amount of Allowance

Provided by Member

An annuity which is the actuarial equivalent of his accumulated contributions at the time of his retirement, and

Provided by City

For Class A members hired prior to July 1, 1996:

A pension which when added to his normal annuity, exclusive of any excess annuity, will give a total retirement allowance of 1/40 of his final compensation for each year of total service credited not in excess of 20 years plus 1/50 of his final compensation for each year of total service credited in excess of 20 years.

For Class A members hired on or after July 1, 1996:

A pension which when added to his normal annuity, exclusive of any excess annuity, will give a total retirement allowance of 1/50 of his final compensation for each year of total service credited.

For Police:

A pension which when added to his normal annuity, exclusive of any excess annuity, equals:

1. For members of the bargaining unit hired on or after September 1, 2001:

<u>Eligible Years of Service</u>	<u>Designated Percentage</u>
Prior to 20 years of service	2.5% per year
20 years of service	50%
21 years of service	52%
22 years of service	54%
23 years of service	56%
24 years of service	58%
25 years of service	60%
26 years of service	62%
27 years of service	64%
28 years of service	66%
29 years of service	68%
30 years of service	70%
31 years of service	72%
32 years of service	75%

2. For members of the bargaining unit hired on or after September 1, 2001:

<u>Eligible Years of Service</u>	<u>Designated Percentage</u>
Prior to 20 years of service	2.5% per year
20 years of service	50%
21 years of service	52%
22 years of service	54%
23 years of service	56%
24 years of service	58%
25 years of service	65%
26 years of service	62%
27 years of service	64%
28 years of service	66%
29 years of service	68%
30 years of service	75%
31 years of service	72%
32 years of service	80%

For all other Class B:

A pension which when added to his normal annuity, exclusive of any excess annuity, will give a total retirement allowance of 1/40 of his final compensation for each year of total service credited not in excess of 20 years plus 1/50 of his final compensation for each year of total service credited in excess of 20 years but not in excess of 32 years and 6 months.

## Early Retirement Allowance

### Conditions for Allowance

The minimum age for early service retirement for Class A employees hired on or after July 1, 2004 is age 55 and at least 10 years of service. Other employees will not receive early retirement benefits.

### Amount of Allowance

For Class A members hired between July 1, 2004 and June 30, 2009:

The employees' normal retirement benefit reduced by 5/12% per month for each month between retirement commencement and age 60.

For Class A members hired on or after July 1, 2009:

The employees' normal retirement benefit reduced by 5/12% per month for each month between retirement commencement and age 62.

## Deferred Retirement Allowance

Conditions for Allowance	A member who has completed at least 10 years of service may retire and receive a deferred retirement allowance commencing at the minimum age for normal service retirement.
Amount of Allowance	
Provided by Member	A deferred annuity which is the actuarial equivalent of his accumulated contributions, and
Provided by City	See "Normal Service Retirement Allowance."

## Ordinary Disability Retirement Allowance

Conditions for Allowance	<p><u>For Police:</u> After 10 years but less than 20 years of service.</p> <p><u>For All Others:</u> After 10 years of service, a member under the minimum age for service retirement may be retired for disability upon his own request or upon the request of the head of the department employing him.</p>
Amount of Allowance	
Provided by Member	An annuity which is the actuarial equivalent of his accumulated contributions at the time of his retirement, and
Provided by City	<p><u>If the member is a Class A member:</u> A pension which when added to his normal annuity, exclusive of any excess annuity, will give a total retirement allowance of 9/10 of 1/50 of his final compensation for each year of total service which would have been credited had he continued in service to the minimum age for service retirement, but such retirement allowance, exclusive of any excess annuity, is not to exceed 45% of his final compensation.</p>



For Police:

A pension which when added to his normal annuity will give a total retirement allowance, equal to a percentage of his final compensation, as described in the following table:

<u>Eligible Years of Service</u>	<u>Percentage</u>
10 years of service	22.50%
11 years of service	24.75%
12 years of service	27%
13 years of service	29.25%
14 years of service	31.50%
15 years of service	33.75%
16 years of service	36%
17 years of service	38.25%
18 years of service	40.50%
19 years of service	42.75%

For All other Class B:

A pension which when added to his normal annuity, exclusive of any excess annuity, will give a total retirement allowance of 9/10 of 1/40 of his final compensation for each year of total service which would have been credited had he continued in service to the minimum age for service retirement, but such retirement allowance, exclusive of any excess annuity, is not to exceed 45% of his final compensation.

## Accidental Disability Retirement Allowance

## Conditions for Allowance

A member may be retired on account of accidental disability occurring in the performance of duty regardless of age or length of service.

## Amount of Allowance

## Provided by Member

Non-Police:

An annuity that is the actuarial equivalent of his accumulated contributions at the time of his retirement.

Police:

In light of the member's receipt of the pension stated below, the only annuity payable is the actuarial equivalent of any accumulated additional contributions at the time of his retirement.

and

Provided by City

For All:

A pension of 66-2/3% of his final compensation, but not less than the service retirement allowance. Upon the death of a member within 5 years after accidental disability retirement as a result of an accident while in the performance of duty, a pension of one-half of the member's final compensation is paid to his widow until she dies or remarries, at which point the pension is paid to his child or children until they attain age 19.

Accidental Death Benefit

Conditions for Benefit

An accidental death benefit is payable upon the death of any member due to an accident in the performance of duty.

Amount of Benefit

A pension of one-half of the member's final compensation is paid to his widow until she dies or remarries, at which point the pension is payable to his child or children until they attain age 19. If there are no other dependents, the pension is payable to his dependent parents. In addition, a lump sum payment of the member's accumulated contributions is made.

Withdrawal or Ordinary Death Benefit

A member who withdraws prior to eligibility for retirement receives his accumulated contributions. Should a member die before retirement his accumulated contributions are paid to his estate or beneficiary; provided, however, if he has attained minimum retirement age and has not made an optional election as described below, and is survived by a spouse, such spouse is entitled, in lieu of the return of the member's accumulated contributions, to a benefit equal to that which would have been payable to such spouse upon the death of the member had the member retired on the day of his death and elected to receive a benefit under the provisions of Option 2, as described below, and nominated his spouse as his designated beneficiary, except that for a Class B member the benefit to the spouse shall not be less than 67½% of the benefit that would have been paid to such retired member without reduction.

Benefit upon Death after Retirement

For Class A:

Benefits under any option. Also, the excess, if any, of the member's accumulated contributions at retirement over all payments paid out on the member's account.

For Class B:

Upon the death of a Class B pensioner, 67½% of his/her retirement allowance is paid to his widow/widower until he/she dies or remarries, at which point the benefit is paid to any dependent children until they attain age 18. Also, the excess, if any, of the member's accumulated contributions at retirement over the total of all payments paid out on the member's account.

Minimum Benefits

The minimum monthly retirement allowance is \$600, prorated for members whose credited service at retirement is less than 25.

## Options at Retirement

At retirement, a member may elect to convert his allowance into a benefit of equivalent actuarial value in accordance with one of the options described below:

Option 1. A reduced retirement allowance payable during the retired member's life, with a provision that in case of death before such payments have equaled the present value of his retirement allowance at the date of retirement, the balance shall be paid to the heirs or assigns; or

Option 2. A reduced retirement allowance payable during the retired member's life, with a provision that after his death it shall be continued during the life of and paid to the person nominated by him by written designation at the time of his retirement; or

Option 3. A reduced retirement allowance payable during the retired member's life, with a provision that after his death an allowance at one-half the rate of his reduced allowance shall be continued during the life of and paid to the person nominated by him by written designation at the time of his retirement; or

Option 4. A reduced retirement allowance payable during the retired member's life, with some other benefit payable after his death, provided that the benefit shall be certified by the actuary and approved by the retirement board. This Option is not available to Police who retire on an Accidental Disability Allowance.

Class B members may not elect Options 2 or 3.

Married Class B members may also not elect Option 1.

## Options upon Attainment of Minimum Retirement Age

Any member who has attained minimum retirement age may elect, in accordance with Option 2, 3, or 4 above, a reduced retirement allowance with provision for benefits to a person having an insurable interest in his life, other than his wife. The benefit is determined as of the member's date of death or retirement, if prior thereto, in accordance with the provisions of the option selected and is in lieu of the return of the member's accumulated contributions if death occurs during the member's continuance in service after attainment of minimum retirement age. Such election is irrevocable after the option becomes effective unless the designated

beneficiary predeceases the member prior to his retirement.

#### Cost of Living Adjustment

##### For Class A:

3% compounded, for members who retired prior to 12/18/91; no adjustment for other Class A members.

##### For Police:

5%, compounded, for members who retired prior to 1/1/90; 6%, compounded, for members who retired between 1/1/90 and 12/18/91; 5%, compounded, for members who retired between 12/19/91 and 12/31/92; 3%, simple, on first \$12,000 of annual benefit for Non-Union Police; 5% compounded, for special court awarded members; 3% compounded, for other retired members. Police pensions are limited to the current salary of an active participant of the same rank.

##### For all other Class B Retirees:

5%, compounded, for members who retired prior to 1/1/90; 6%, compounded, for members who retired between 1/1/90 and 12/18/91; 5%, compounded, for members who retired between 12/19/91 and 6/30/92; 6%, compounded, for members who retired between 7/1/92 and 6/30/95; 3%, simple, on first \$12,000 of annual benefit for members who retired between 7/1/95 and 3/16/06; 5% compounded for special court awarded members; and, 3% compounded for other retired members.

The initial COLA payment is deferred until the January 1 that occurs three years after the member's retirement date.

#### Provisions for Elected Officials

Any person who has served as Mayor or City Councilman for at least eight full legislative years is entitled to a retirement allowance on the basis of such service as an elected official upon attainment of age 52 or the completion of 20 consecutive years as an elected official, whichever is earlier, or the occurrence of total and permanent disability prior thereto.

Such retirement allowance is currently \$350 for each year of service, provided that no more than 20 years of such service are to be used in determining the allowance.

Upon the death of any such elected official, benefits are payable in accordance with the Class A provisions of the act.

An elected official may elect to withdraw his accumulated contributions in lieu of his rights to the allowance based on service as an elected official.

## 2 - CONTRIBUTIONS

Provided by Members

For Class A: 8% of their salaries.

For Police: 8% of their salaries

For all other Class B Members: 9½% of their salaries.

The Mayor and members of the City Council are required to contribute at the rate of \$350 per year.

Provided by City

The City makes the balance of contributions needed to fund the system.

In addition the City shall contribute from time to time amounts sufficient with the contributions of elected officials to provide the special pensions granted to elected officials.

SCHEDULE E  
TABLES OF EMPLOYEE DATA

TABLE 1  
The Number and Annual Salaries  
of Members Distributed By 5th Age and Service  
As of June 30, 2010

CLASS A

SERVICE AGE	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-36	37+	TOTAL	
20-24	11	11									22	NUMBER
	31,934	28,900									30,417	SALARY
25-29	15	64	20								99	NUMBER
	30,741	31,141	34,239								31,707	SALARY
30-34	14	52	50	35							151	NUMBER
	27,676	37,088	38,491	35,354							36,278	SALARY
35-39	16	63	72	82	23	4					260	NUMBER
	39,264	33,247	36,397	36,063	45,807	37,975					36,561	SALARY
40-44	12	54	76	76	46	20					284	NUMBER
	30,847	31,835	38,182	41,487	49,989	49,176					40,236	SALARY
45-49	12	71	90	91	56	36	7	3			366	NUMBER
	31,969	34,398	36,902	38,739	46,599	54,905	53,119	56,763			40,439	SALARY
50-54	16	47	66	98	60	44	16	16	5		368	NUMBER
	30,871	38,415	37,085	36,347	48,027	47,386	58,744	59,573	56,413		41,986	SALARY
55-59	5	44	47	66	55	42	9	19	10	7	304	NUMBER
	44,849	39,414	43,093	36,375	38,566	42,916	46,438	58,820	50,661	67,128	42,172	SALARY
60-64	6	14	29	29	19	21	2	7	9	11	147	NUMBER
	30,784	55,865	41,721	37,413	47,049	44,034	56,727	50,214	62,279	57,809	45,862	SALARY
65-69		5	15	16	10	4	2	4	1	2	59	NUMBER
		35,052	37,503	35,129	49,316	53,551	58,500	49,074	45,724	53,289	41,912	SALARY
70-74	1	3	8	6	5	1	3	2	1		30	NUMBER
	48,557	40,637	42,886	27,021	56,371	47,946	54,221	59,621	48,763		44,539	SALARY
75-76			1								1	NUMBER
			18,517								18,517	SALARY
77+			3		2	1				2	8	NUMBER
			34,140		21,124	60,726				49,981	38,170	SALARY
TOTAL	108	428	477	499	276	173	39	51	26	22	2,099	NUMBER
	32,716	35,314	38,076	37,364	45,929	47,671	54,431	57,021	55,526	59,652	40,098	SALARY



TABLE 2  
The Number and Annual Salaries  
of Members Distributed By 5th Age and Service  
As of June 30, 2010

CLASS B

SERVICE AGE	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-36	37+	TOTAL
<20	1										1 NUMBER
	56,406										56,406 SALARY
20-24	10	8									18 NUMBER
	56,406	51,436									54,197 SALARY
25-29	8	49	14								71 NUMBER
	56,406	50,963	54,474								52,269 SALARY
30-34	5	29	54	1							89 NUMBER
	56,406	50,786	54,592	61,476							53,531 SALARY
35-39		16	57	26	16						115 NUMBER
		51,590	53,800	57,963	52,942						54,314 SALARY
40-44	1	7	35	42	81	43					209 NUMBER
	56,406	51,934	54,391	56,858	55,020	57,890					55,778 SALARY
45-49		1	16	13	62	106	22	1			221 NUMBER
		52,083	53,431	59,337	52,610	56,524	64,684	61,677			56,183 SALARY
50-54		1	5	5	16	49	43	13			132 NUMBER
		137,045	77,346	53,487	51,936	57,124	66,238	71,869			62,150 SALARY
55-59				2	5	7	15	8	6		43 NUMBER
				60,306	55,530	59,746	58,630	67,266	71,815		61,976 SALARY
TOTAL	25	111	181	89	180	205	80	22	6		899 NUMBER
	56,406	51,888	54,821	57,483	53,745	57,064	64,384	69,732	71,815		56,392 SALARY

TABLE 3  
 THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
 OF RETIRED MEMBERS DISTRIBUTED BY  
 AGE AS OF JUNE 30, 2010  
 SERVICE RETIREMENTS  
 CLASS A

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
15	1	\$5,440
44	1	12,446
48	1	17,703
49	2	44,168
50	4	85,947
51	4	99,456
52	3	82,351
53	7	257,072
54	14	354,566
55	22	489,779
56	18	460,771
57	29	555,340
58	40	998,311
59	32	749,883
60	34	525,627
61	36	806,439
62	39	655,327
63	50	1,017,093
64	37	700,509
65	46	721,450
66	37	621,938
67	48	787,458
68	32	542,001
69	39	549,207
70	55	763,453
71	35	536,426
72	41	481,078
73	38	543,963
74	39	492,840
75	33	452,029
76	43	680,420

TABLE 3 (CONTINUED)  
 THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
 OF RETIRED MEMBERS DISTRIBUTED BY  
 AGE AS OF JUNE 30, 2010

SERVICE RETIREMENTS

CLASS A

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
77	54	\$860,708
78	41	593,668
79	42	734,997
80	48	857,438
81	38	664,981
82	30	463,951
83	25	455,312
84	29	432,370
85	25	316,083
86	24	410,881
87	16	166,559
88	18	218,914
89	19	215,625
90	12	137,835
91	12	185,970
92	8	91,698
93	9	99,994
94	6	70,352
95	7	84,999
96	1	16,158
97	3	36,803
98	1	5,439
102	1	11,277
106	1	3,433
TOTAL	1,330	\$22,225,936

TABLE 4  
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
OF RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

SERVICE RETIREMENTS

CLASS B

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
37	1	\$37,467
39	1	26,139
40	1	37,891
41	1	31,859
43	7	207,681
44	5	145,841
45	5	123,983
46	2	60,667
47	9	257,199
48	6	171,423
49	7	187,932
50	6	224,245
51	8	263,009
52	12	407,035
53	17	597,952
54	15	619,503
55	12	378,189
56	23	834,553
57	16	572,489
58	19	696,547
59	21	769,841
60	24	1,016,291
61	22	826,040
62	28	1,131,545
63	31	1,233,808
64	18	695,087
65	19	881,208
66	17	702,882
67	13	596,452
68	7	302,503
69	7	258,808
70	11	514,742

TABLE 4 (CONTINUED)

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
OF RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

## SERVICE RETIREMENTS

## CLASS B

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
71	8	\$220,624
72	9	353,275
73	16	585,047
74	10	350,568
75	10	439,201
76	8	330,710
77	11	435,944
78	12	431,214
79	8	198,271
80	15	463,587
81	14	593,866
82	7	204,843
83	8	363,423
84	7	229,777
85	11	347,424
86	6	125,122
87	7	291,878
88	6	229,906
89	5	105,777
92	1	26,841
96	1	17,328
TOTAL	571	\$21,155,437

TABLE 5

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
OF RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

ELECTIVE OFFICIALS AND DEPENDENTS  
OF ELECTIVE OFFICIALS

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
55	1	\$3,542
61	1	2,258
63	1	2,847
68	2	7,158
69	1	4,915
70	3	11,332
71	1	3,450
72	3	13,688
74	1	3,246
80	2	11,374
83	1	3,179
84	1	5,989
86	3	8,707
90	1	10,113
95	1	4,900
98	1	5,644
TOTAL	24	\$102,342

TABLE 6

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
OF RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

DISABILITY RETIREMENTS

CLASS A

<u>AGE</u>	<u>ORDINARY</u>		<u>ACCIDENTAL</u>		<u>TOTAL</u>	
	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>
39	1	\$9,018			1	\$9,018
43	1	28,595	2	\$26,391	3	54,986
44			1	36,789	1	36,789
45	1	6,432			1	6,432
46			1	23,768	1	23,768
49	2	25,244			2	25,244
50	1	12,906	1	28,926	2	41,832
51			1	15,905	1	15,905
53	2	22,418			2	22,418
55			3	71,191	3	71,191
56	1	4,828	2	59,486	3	64,314
57	1	16,362	4	94,923	5	111,285
58			1	17,796	1	17,796
59			2	33,065	2	33,065
61			2	32,683	2	32,683
62			2	56,067	2	56,067
63	1	4,087	5	119,522	6	123,609
64			1	21,491	1	21,491
66			3	47,424	3	47,424
67	1	20,126	2	40,540	3	60,666
68			6	101,386	6	101,386
69			4	69,487	4	69,487
70	2	15,313	5	80,684	7	95,997
71			3	56,978	3	56,978
72	1	10,585			1	10,585
73			2	22,299	2	22,299
74			3	46,488	3	46,488
75			1	28,701	1	28,701
76			4	63,671	4	63,671
79			3	60,460	3	60,460
80			3	66,101	3	66,101

TABLE 6 (CONTINUED)

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
OF RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

## DISABILITY RETIREMENTS

## CLASS A

<u>AGE</u>	<u>ORDINARY</u>		<u>ACCIDENTAL</u>		<u>TOTAL</u>	
	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>
81			1	\$23,353	1	\$23,353
83			1	15,762	1	15,762
84			1	5,965	1	5,965
87			1	21,900	1	21,900
89			1	5,694	1	5,694
91			1	12,234	1	12,234
106			1	14,739	1	14,739
TOTAL	15	\$175,914	74	\$1,421,869	89	\$1,597,783



TABLE 7

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
OF RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

DISABILITY RETIREMENTS

CLASS B

<u>AGE</u>	<u>ORDINARY</u>		<u>ACCIDENTAL</u>		<u>TOTAL</u>	
	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>
36			1	\$37,890	1	\$37,890
37	1	\$10,462			1	10,462
38			2	72,911	2	72,911
39			1	38,173	1	38,173
40	1	18,210	1	43,206	2	61,416
41			1	41,869	1	41,869
42			3	125,384	3	125,384
43			4	111,240	4	111,240
44	1	18,236	2	67,687	3	85,923
45	1	24,003	3	106,882	4	130,885
46	1	20,265	5	179,663	6	199,928
47			5	198,054	5	198,054
48	1	19,795	7	284,797	8	304,592
49			4	212,646	4	212,646
50	1	23,564	7	282,426	8	305,990
51	2	32,123	7	368,320	9	400,443
52			16	725,354	16	725,354
53	1	19,125	8	359,151	9	378,276
54			10	393,483	10	393,483
55			11	516,737	11	516,737
56			10	482,131	10	482,131
57			11	589,580	11	589,580
58			8	301,031	8	301,031
59			14	781,237	14	781,237
60			14	714,307	14	714,307
61			16	862,076	16	862,076
62			22	1,327,094	22	1,327,094
63			24	1,287,312	24	1,287,312
64	1	22,117	14	719,853	15	741,970
65			18	1,087,720	18	1,087,720
66			16	1,097,787	16	1,097,787

TABLE 7 (CONTINUED)

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES  
OF RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

DISABILITY RETIREMENTS

CLASS B

<u>AGE</u>	<u>ORDINARY</u>		<u>ACCIDENTAL</u>		<u>TOTAL</u>	
	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>	<u>NUMBER</u>	<u>AMOUNT</u>
67			14	\$804,424	14	\$804,424
68			9	509,970	9	509,970
69			12	738,595	12	738,595
70			17	1,120,418	17	1,120,418
71			15	1,046,647	15	1,046,647
72			4	219,287	4	219,287
73			6	281,163	6	281,163
74			11	897,469	11	897,469
75			3	125,933	3	125,933
76			11	786,914	11	786,914
77			7	531,097	7	531,097
78			8	535,028	8	535,028
79			8	552,022	8	552,022
80			2	110,611	2	110,611
81			5	320,953	5	320,953
82	1	\$17,328	5	321,582	6	338,910
83			4	161,338	4	161,338
84			4	317,841	4	317,841
85			2	150,564	2	150,564
86			2	70,522	2	70,522
87			1	28,434	1	28,434
88			1	16,503	1	16,503
89			1	33,024	1	33,024
95			2	59,348	2	59,348
110			1	45,283	1	45,283
TOTAL	12	\$225,228	420	\$23,200,971	432	\$23,426,199

TABLE 8

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF  
BENEFICIARIES OF DECEASED ACTIVE AND RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

## CLASS A

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
37	1	\$7,948
47	1	9,453
51	1	14,609
52	2	25,836
53	1	32,138
54	2	10,997
56	2	5,486
57	1	14,457
58	5	56,183
59	2	29,796
61	4	71,575
62	2	32,412
63	2	11,909
64	2	24,590
66	3	43,314
67	3	24,388
68	4	59,031
69	4	91,331
70	3	42,694
71	4	63,908
72	7	68,625
73	6	84,191
74	7	62,737
75	5	62,024
76	4	61,251
77	7	75,167
78	4	43,985
79	4	70,853
80	10	99,949
81	8	92,877

TABLE 8 (CONTINUED)

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF  
BENEFICIARIES OF DECEASED ACTIVE AND RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

CLASS A

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
82	13	\$163,093
83	10	158,912
84	12	107,656
85	4	39,353
86	12	148,461
87	4	35,146
88	3	27,281
89	4	49,078
90	7	72,174
91	5	48,643
92	5	40,271
93	7	68,344
94	2	20,340
95	5	42,536
96	1	10,501
97	1	8,581
98	1	4,160
100	1	12,258
101	1	8,907
110	2	17,495
TOTAL	211	\$2,476,904

TABLE 9

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF  
BENEFICIARIES OF DECEASED ACTIVE AND RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

CLASS B

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
37	1	\$16,397
41	1	31,246
43	2	31,971
45	2	39,380
46	1	5,460
47	1	7,228
49	1	30,690
50	1	17,817
51	5	155,776
53	2	29,112
54	1	36,301
55	4	110,977
56	8	248,593
57	7	178,453
58	2	58,488
60	8	191,984
61	3	51,992
62	6	211,999
63	5	98,094
64	6	203,234
65	8	243,330
66	4	159,738
67	7	181,493
68	4	144,107
69	6	270,635
70	7	289,472
71	4	183,739
72	5	215,978
73	2	26,988
74	5	216,600

TABLE 9 (CONTINUED)

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF  
BENEFICIARIES OF DECEASED ACTIVE AND RETIRED MEMBERS DISTRIBUTED BY  
AGE AS OF JUNE 30, 2010

CLASS B

<u>AGE</u>	<u>NUMBER</u>	<u>AMOUNT</u>
75	8	\$168,196
76	9	243,217
77	8	248,282
78	15	541,554
79	5	122,809
80	15	429,032
81	10	301,488
82	10	189,147
83	20	458,884
84	11	248,876
85	12	274,245
86	6	121,879
87	11	240,763
88	6	121,305
89	4	89,147
90	8	182,430
91	2	25,274
92	2	28,661
93	3	51,984
94	2	30,672
97	2	34,656
99	2	32,796
TOTAL	290	\$7,872,569

SCHEDULE F

## 29 YEAR APPROPRIATION FORECAST

<b>Fiscal Year Ending</b>	<b>Normal Cost</b>	<b>Past Service Amortization</b>	<b>Deferral Amortization</b>	<b>Total</b>	<b>Pay-As-You-Go</b>
6/30/2011	\$9,301,881	\$46,585,949	\$492,606	\$56,380,436	\$80,700,739
6/30/2012	9,489,420	48,946,899	492,606	58,928,925	84,643,717
6/30/2013	9,868,997	51,394,244	492,606	61,755,847	88,556,164
6/30/2014	10,263,757	53,963,956	492,606	64,720,319	92,481,783
6/30/2015	10,674,307	56,662,154	492,606	67,829,067	96,589,294
6/30/2016	11,101,279	59,495,262	492,606	71,089,147	100,745,054
6/30/2017	11,545,330	62,470,025	492,606	74,507,961	105,011,451
6/30/2018	12,007,143	65,593,526	492,606	78,093,275	109,405,598
6/30/2019	12,487,429	68,873,202	492,606	81,853,237	113,778,773
6/30/2020	12,986,926	72,316,862	492,606	85,796,394	118,101,966
6/30/2021	13,506,403	75,932,705	492,606	89,931,714	122,544,953
6/30/2022	14,046,659	79,729,340	492,606	94,268,605	127,027,104
6/30/2023	14,608,525	83,715,807	492,606	98,816,938	131,472,323
6/30/2024	15,192,866	87,901,597	492,606	103,587,069	135,694,214
6/30/2025	15,800,581	92,296,677	492,606	108,589,864	139,776,531
6/30/2026	16,432,604	96,911,511	492,606	113,836,721	143,614,922
6/30/2027	17,089,908	101,757,087	492,606	119,339,601	147,223,262
6/30/2028	17,773,504	106,844,941	492,606	125,111,051	150,628,971
6/30/2029	18,484,444	112,187,188	492,606	131,164,238	153,827,194
6/30/2030	19,223,822	117,796,547	492,606	137,512,975	156,693,875
6/30/2031	19,992,775	123,686,374	492,606	144,171,755	159,218,991
6/30/2032	20,792,486	129,870,693	-	150,663,179	161,278,022
6/30/2033	21,624,185	136,364,228	-	157,988,413	162,938,029
6/30/2034	22,489,152	143,182,439	-	165,671,591	164,054,659
6/30/2035	23,388,718	150,341,561	-	173,730,279	164,680,812
6/30/2036	24,324,267	157,858,639	-	182,182,906	164,763,612
6/30/2037	25,297,238	165,751,571	-	191,048,809	164,344,013
6/30/2038	26,309,128	174,039,150	-	200,348,278	163,456,930
6/30/2039	27,361,493	182,741,108	-	210,102,601	162,068,444
6/30/2040	28,455,953	-	-	28,455,953	160,234,408

SCHEDULE G

## CHANGES IN UNFUNDED LIABILITY

7/1/09 Unfunded Liability	\$804,763,439
Expected Unfunded as of 7/1/10	\$833,932,340
Actual Unfunded as of 7/1/10 (without COLA assumption adjustments)	\$828,484,533
Gain/(Loss)	\$5,447,807
Asset Gain/(Loss)	\$4,953,575
Liability Gain/(Loss)	\$494,232
Salary Increases	\$9,999,675
New Active Participants	(\$3,570,765)
Active - Retirements	(\$8,940,671)
Active - Terminations	\$6,267,058
Active - Mortality	\$423,173
Active - Disabilities	\$2,012,099
Inactive Mortality and Data Adjustment	(\$4,438,813)
Other	(\$1,257,524)
COLA assumption adjustments*	\$2,657,168

\* Some of the COLA assumptions were changed to properly reflect recent City ordinances.