

**METROPOLITAN GOVERNMENT
OF
NASHVILLE AND DAVIDSON COUNTY
TENNESSEE
PENSION PLAN**

**VALUATION AND REPORT
AS OF
JUNE 30, 2016**



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A. INTRODUCTION

An actuarial valuation of the disability and pension benefits provided under Chapters 3.28, 3.29, 3.32, 3.33, 3.36, and 3.37 of the Metropolitan Code, pursuant to Article 13 of the Metro Charter, was performed as of June 30, 2016. The purpose of the valuation was to determine the funding requirements of the various components of the Metropolitan Employee Benefit System, with the intention that funding requirements indicated by the valuation be used as the basis for contributions to the System for the fiscal year commencing July 1, 2017.

The Metropolitan Employee Benefit System was established as of April 1, 1963. The disability and pension provisions for the System serve as successors to the following superseded retirement systems:

Davidson County Employee Pension System (Divisions A and B)
Civil Service Employee's Pension Fund of the City of Nashville
Policemen's and Firemen's Pension Fund of the City of Nashville

As of the date of establishment, all members of the superseded systems were given the opportunity to transfer to the new System. Any member who did not so elect remained in his old system. Employees hired by the Metropolitan Government since the establishment of the new System automatically become members of the System for pension purposes upon completion of six months of service.

During 1995, a new "Division B" of the Metro pension plan was established. Active participants in the existing Metro plan (which was renamed "Division A"), as well as active participants in the superseded plans, were given the opportunity to transfer to Division B effective January 1, 1996. New participants hired on or after July 1, 1995 automatically become members of Division B when they become eligible for pension benefits.

This section of the report deals only with Divisions A and B of the Metro pension plan. Reports on the superseded plans are prepared separately. The valuation was based on information obtained from the staff of the Metropolitan Employee Benefit Board, the Metro Information Systems Division, the Metropolitan Airport Authority, and the Data Processing Division of the Board of Education.

The following table shows the number of employees and annual compensation of active members included in the June 30, 2016 valuation. ("General Government" figures include the Board of Education, since both groups are covered by the provisions of Chapters 3.32 and 3.33.)

<u>Group</u>	<u>Number</u>	<u>Compensation</u>
General Government	8,273	\$348,219,599
Firemen and Policemen	3,005	190,479,289
Total	11,278	\$538,698,888

This table includes 48 General Government employees with compensation of \$1,956,621 and 20 Firemen and Policemen with compensation of \$1,459,712 who did not elect to transfer from Division A to Division B.

The following table shows the number of retired individuals as of the valuation date, together with their annualized base benefits and current benefits (including cost of living increases):

<u>Type Retirement</u>	<u>Number</u>	<u>Annual Retirement Allowances</u>	
		<u>Basic</u>	<u>Current</u>
<u>Division A</u>			
Disabled	211	\$2,420,552	\$2,420,553
General Government	962	7,006,010	9,437,060
Fire and Police	233	4,207,081	4,719,278
Total	1,406	\$13,633,643	\$16,576,891
<u>Division B</u>			
Disabled	530	\$7,859,531	\$7,859,537
General Government	5,495	79,479,562	85,453,493
Fire and Police	1,225	34,730,155	37,068,416
Total	7,250	\$122,069,248	\$130,381,446
<u>Total</u>			
Disabled	741	\$10,280,083	\$10,280,090
General Government	6,457	86,485,572	94,890,553
Fire and Police	1,458	38,937,236	41,787,694
Total	8,656	\$135,702,891	\$146,958,337

In addition, another 3,768 individuals have terminated employment but have vested benefits as outlined on the following page.

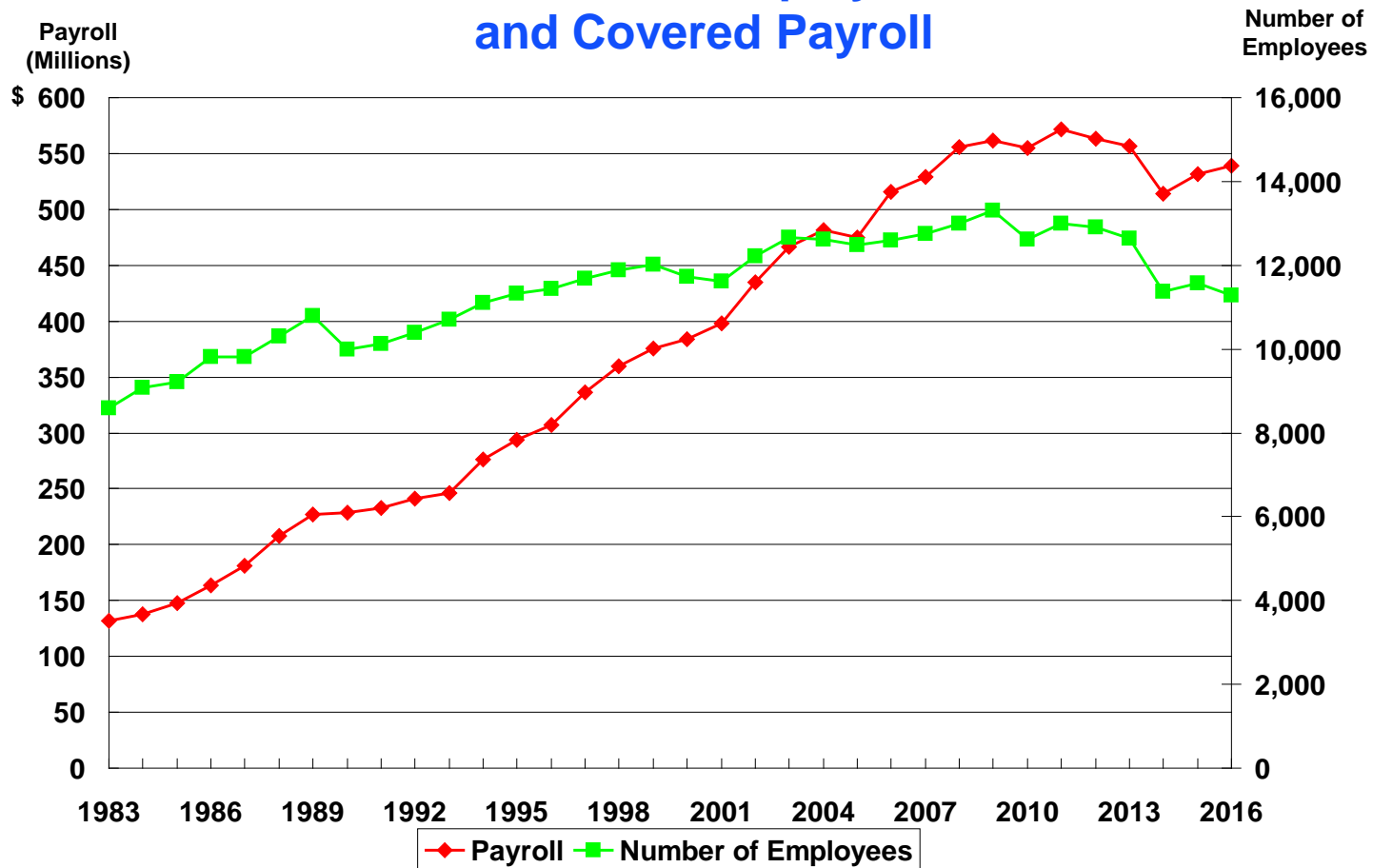
The table below shows how the figures given above compare with equivalent figures in the June 30, 2015 valuation.

	<u>June 30, 2015</u>	<u>June 30, 2016</u>	<u>Increase</u>	<u>Percent Increase</u>
Number of Active Participants	11,571	11,278	(293)	-2.5%
Payroll	\$531,266,860	538,698,859	7,431,999	1.4%
Average Salary	\$45,194	\$47,765	\$2,571	5.7%
Number of Retired Participants	8,498	8,656	158	1.9%
Annual Benefits	\$141,626,509	\$146,958,337	\$5,331,828	3.8%

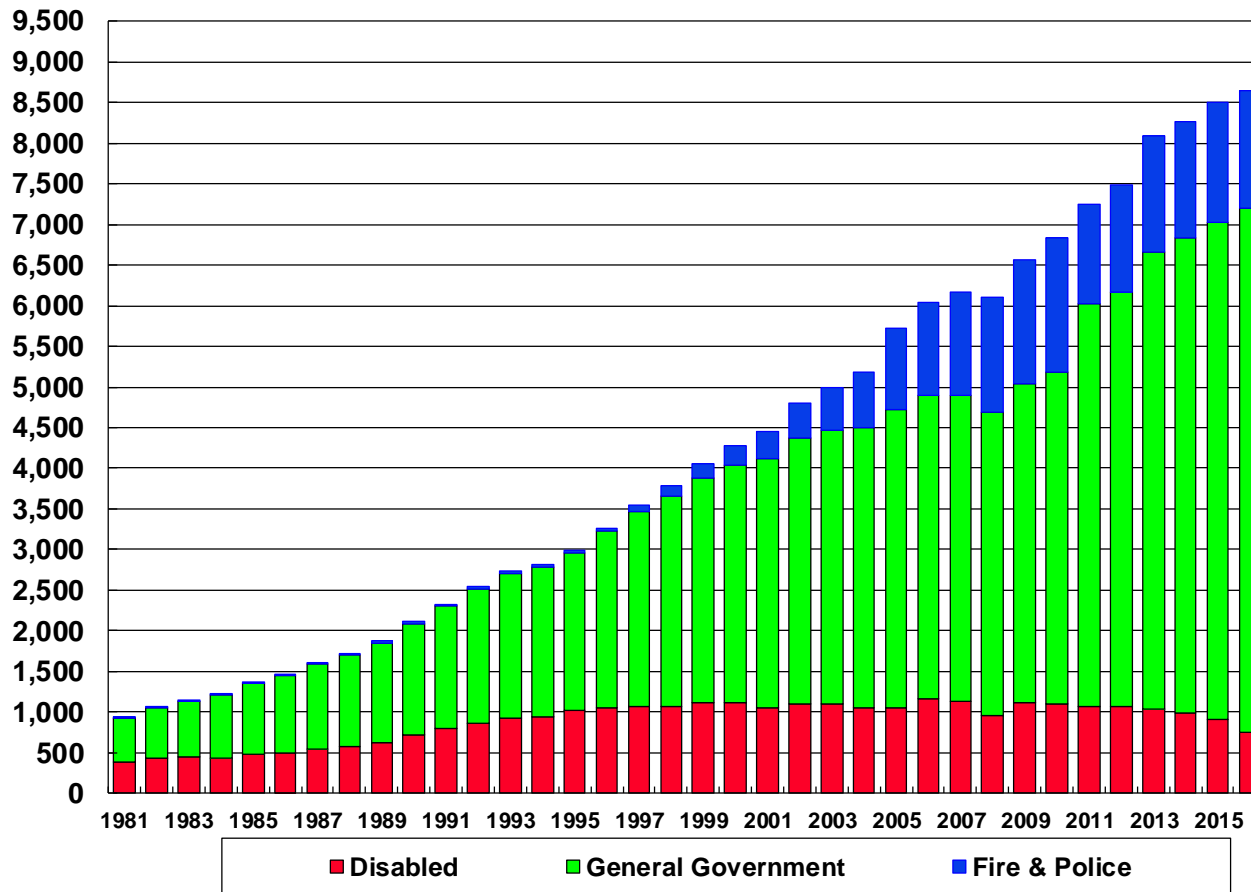
The table below shows how the estimated number of deferred vested participants compared with equivalent figures in the June 30, 2015 valuation.

	<u>June 30, 2015</u>	<u>June 30, 2016</u>	<u>Increase</u>	<u>Percent Increase</u>
Number of Deferred Vested Participants	3,519	3,768	249	7.1%
Annual Benefits	\$23,813,352	\$25,689,161	\$1,875,809	7.9%

Metro Pension Plan Number of Employees and Covered Payroll



Metro Pension Plan Number of Retirees



B. DETERMINATION OF FUNDING LEVELS

The governing statute for the plan specifies that there will be three trust funds. Trust Fund A is intended to finance all disability benefits provided by Chapter 3.28; Trust Fund B finances all retirement benefits provided for general government employees under Chapter 3.32; and Trust Fund C finances retirement benefits for firemen and policemen provided under Chapter 3.36. A separate rate is established for each of the three categories and the required contributions are combined to arrive at an overall "Metro" rate. Actual contributions are assigned to the separate trust funds in proportion to the ratio of each trust fund's required contribution to the aggregate required contribution.

The table on the following page sets out the results of the June 30, 2016 valuation with respect to each of the three categories. The costs shown represent the total required annual contributions for the plan if all Metro departments were contributing at the same rate. These numbers are developed in more detail in Tables X and XI of the Appendix.

In this table, the "Statutory Minimum" is taken as being the Normal Cost plus interest on the Unfunded Past Service Liability, with no amortization of the latter. Chapter 3.16.050 of the Code apparently sets this as the minimum funding level, although the Board is given the authority to specify a higher level. It should be noted that the "Statutory Minimum" would not meet the Governmental Accounting Standards Board standards for funding.

"Forty years from 1976" would be the minimum amortization period if the plan were covered by the funding provisions of the Employee Retirement Income Security Act of 1974, but as a public plan it is not so covered. Nevertheless, the Board historically has adopted a contribution rate sufficient to amortize the unfunded supplemental liability over the 40-year period commencing in 1978. Beginning with the plan year ended June 30, 2006, the Board has adopted a level amortization period of 15 years. The level amortization period is designed to reduce contribution volatility compared with a continuing decline in the amortization period. The table shows the contribution rates necessary to continue both the "no amortization" and the "15-year amortization" funding patterns.

State Mandated Minimum Funding Level

As a result of the Public Employee Defined Benefit Financial Security Act of 2014 (Tenn. Code Ann. §9-3-501) all political subdivisions within the State of Tennessee that provide defined benefit plans not administered by the Tennessee Consolidated Retirement System (TCRS) must adopt a written funding policy and contribute an actuarially determined contribution that meets minimum standards specified by Tenn. Code Ann. §9-3-501. A written funding policy has been approved by both the Board and the Metro Council. While the funding policy preserves the 15-year amortization contribution described above, the policy provides that the actuarially determined contribution may not be less than the minimum provided by Tenn. Code Ann. §9-3-501. As such, this report now summarizes the minimum required contribution as specified by Tenn. Code Ann. §9-3-501 effective for the plan year beginning July 1, 2016. (See Page 116)

ANNUAL FUNDING LEVELS

	<i>Trust Fund A (Disability)</i>	<i>Trust Fund B (Gen. Gov.)</i>	<i>Trust Fund C (Fire & Police)</i>	<i>Total</i>
<i>Statutory Minimum (No Amortization of Unfunded Past Service Liability)</i>				
Contribution	3,476,399	31,269,019	29,309,593	64,055,011
% of Payroll*	0.645%	8.980%	15.387%	11.891%
<i>15-Year Amortization of Unfunded Past Service Liability</i>				
Contribution	3,347,765	29,701,393	26,713,962	59,763,120
% of Payroll*	0.621%	8.529%	14.025%	11.094%

*"Disability" and "Total" costs are expressed as a percentage of total eligible payroll of \$538,698,888. "General Government" and "Fire and Police" costs are expressed as percentages of the eligible payrolls of those groups --- \$348,219,599 and \$190,479,289 respectively.

The table on the following page comprises a valuation balance sheet showing the assets and liabilities of the Metro pension plan as of June 30, 2016. The present assets shown are the valuation assets, as described in Table IX of the Appendix, and include the present value of benefits which are expected to be received from the annuities purchased on behalf of service retirees.

**VALUATION BALANCE SHEET
METRO PENSION PLAN
JUNE 30, 2016
DIVISIONS A AND B COMBINED**

	<u>Trust Fund A</u> <i>(Disability)</i>	<u>Trust Fund B</u> <i>(Gen. Gov.)</i>	<u>Trust Fund C</u> <i>(Fire & Police)</i>	<u>Total</u>
<u>ASSETS</u>				
Present assets:	\$128,578,190	\$1,755,854,137	\$904,111,513	\$2,788,543,840
Present value of prospective contributions payable by Metro:				
Metro:				
Normal	\$25,464,739	\$205,916,815	\$197,419,512	\$428,801,066
Past Service	3,481,187	42,424,293	70,244,926	116,150,406
Total	\$28,945,926	\$248,341,108	\$267,664,438	\$544,951,472
Members	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Prospective Contributions	28,945,926	248,341,108	267,664,438	544,951,472
Total Assets	\$157,524,116	\$2,004,195,245	\$1,171,775,951	\$3,333,495,312
<u>LIABILITIES</u>				
Present value of prospective benefits payable on account of:				
Present retired members and contingent annuitants				
	110,164,743	1,068,136,746	466,345,619	1,644,647,108
Present active members	<u>47,359,373</u>	<u>936,058,499</u>	<u>705,430,332</u>	<u>1,688,848,204</u>
Total Liabilities	\$157,524,116	\$2,004,195,245	\$1,171,775,951	\$3,333,495,312

For the 2016-2017 fiscal year, Metro is contributing to the plan at the rate of 12.340% of covered payroll. This rate was recommended and adopted by the Board following the presentation of the June 30, 2015 valuation report.

Actuarial Experience

The baseline recommended rate of 11.891% developed in this valuation represents a decrease of 0.49% from last year's baseline rate of 12.340%. Although a detailed gain and loss analysis has not been performed, several factors can be identified as affecting this year's rate:

1. **Investments** – The market value dollar weighted investment return for the prior year was a loss of 0.31%. The return was less than the actuarially assumed return rate of 7.50%. The full measure of the current year loss (versus expected) is not recognized in contribution calculations due to the smoothing process used in determining valuation assets. Partial recognition of current year losses in combination with the portion of gains and losses from prior years recognized in the current year produced an effective rate of return on the valuation asset basis of a gain of 7.11%. This resulted in a contribution increase of 0.21% of compensation.
2. **Compensation** – Compensation increase rates for continuing active participants during the year averaged 3.75% and were lower than the actuarially assumed average increase of 3.94%. The net effect of salary adjustments is that liability increases were slightly less than expected. Compensation increases less than expected are responsible for a decrease in the recommended contribution of approximately 0.05% of compensation.
3. **Delayed implementation of contribution rate** – Rates determined by the Board are implemented in the year following the valuation date. Contribution recommendations from the June 30, 2015 valuation are delayed and not implemented until the plan year beginning July 1, 2016. Since each valuation is performed on a basis that implicitly anticipates immediate implementation of the recommended rate structure following the valuation date, variations from the recommendation will produce an "actuarial gain or loss" equal to the difference between the recommended and actual contributions. Actual contributions for the 2015-2016 plan year were based on the 15.510% contribution rate adopted by the Board while the recommended contribution rate was 12.340%. Contributions greater than expected caused a contribution decrease of 0.36% of compensation.
4. **COLA adjustments** for the year preceding the cost-of-living adjustments were different than the rates anticipated by the actuarial assumptions resulting in a contribution rate decrease of 0.59% of compensation. Benefits to Division A retirees were indexed at 0.00% (versus the assumed rate of 2.50%) and benefits to Division B retirees were indexed at 0.00% (versus the assumed rate of 1.50%).
5. **New entrants** for whom implicit contribution rates are different than the prevailing contribution rate resulted in a decrease in the employer contribution rate of 0.02% of payroll. New entrant contribution rates do not have the effect of actuarial gains and

losses (primarily associated with investment returns) that tend to cause the aggregate contribution rate to differ from the long-term expected rate. The aggregate new entrant rate varies from year to year but tends to stay in the range of 11-13% of new entrant payroll.

The net effect of these five factors was a 0.81% decrease in the required contribution rate. The net result of all other variations of actual from assumed experience produced an increase in the overall contribution rate of 0.36%. These additional sources of gains and losses will be analyzed further as part of the next Actuarial Experience Study.

Summary

Slight elements of conservatism built into the valuation process result in a long term tendency that a given year's rate will be lower than the prior year's rate. However, as of the current valuation date under the "five-year smoothing" asset valuation method, the plan has not yet recognized over \$100,300,000 of investment losses. Recognition of those amounts will be taken gradually over the next few years. The pattern of recognition of these net gains will have the effect of pushing contribution rates higher over that period. After the full effect of these investment losses is realized, contribution rates are expected to trend towards a long-term rate of approximately 11-13%. Of course, deviations from other actuarial assumptions (salary increases, turnover/retirement, disability, etc.) could alter the required contribution rate further. Furthermore, future changes to the underlying actuarial assumptions will likely change the long-term trend rate.

C. FUNDING STATUS

In 1994, the Governmental Accounting Standards Board revised the methodology to be used in presenting funding progress results to require reporting based upon a plan's unfunded past service liability (or "unfunded actuarial accrued liability"). The new GASB pronouncement relating to financial reporting standards was effective for fiscal years ending June 30, 1997. The statements provide that certain parameters are to be used in determining the unfunded liability position in each year, including a parameter for the measurement of plan assets. A schedule of funding progress based upon comparison to the unfunded past service liability is to be included in financial statements for the years in which the calculations are consistent with the parameters. The schedule presented herein is based upon valuation results for the current valuation period and the previous five years.

Metropolitan Government of Nashville and Davidson County Tennessee Pension Plan

Schedule of Funding Progress

June 30, 2016

Plan Year	Actuarial Value of Assets	Actuarial Accrued Liability	Unfunded Actuarial Accrued Liability	Funded Ratio	Covered Payroll	Unfunded Actuarial Accrued Liability as a Pct of Covered Payroll
June 30, 1999	1,241,356,861	1,350,000,989	108,644,128	92.0%	375,552,645	28.93%
June 30, 2000	1,419,820,507	1,522,468,982	102,648,475	93.3%	384,283,394	26.71%
June 30, 2001	1,532,338,623	1,628,956,808	96,618,185	94.1%	398,426,904	24.25%
June 30, 2002	1,569,455,257	1,668,629,134	99,173,877	94.1%	434,699,880	22.81%
June 30, 2003	1,569,047,675	1,688,192,909	119,145,234	92.9%	466,820,160	25.52%
June 30, 2004	1,592,671,213	1,708,318,774	115,647,561	93.2%	481,881,171	24.00%
June 30, 2005	1,602,285,363	1,818,206,856	215,921,493	88.1%	474,531,741	45.50%
June 30, 2006	1,706,677,125	1,959,952,204	253,275,079	87.1%	515,500,760	49.13%
June 30, 2007	1,921,193,702	2,144,144,792	222,951,090	89.6%	529,100,484	42.14%
June 30, 2008	2,119,228,659	2,323,837,472	204,608,813	91.2%	555,972,878	36.80%
June 30, 2009	1,925,305,076	2,275,399,550	350,094,474	84.6%	562,015,408	62.29%
June 30, 2010	2,143,522,150	2,360,892,310	217,370,160	90.8%	554,606,279	39.19%
June 30, 2011	2,188,868,356	2,468,971,488	280,103,132	88.7%	571,381,362	49.02%
June 30, 2012	2,185,046,912	2,580,685,072	395,638,160	84.7%	563,356,943	70.23%
June 30, 2013	2,220,622,176	2,688,495,620	467,873,444	82.6%	556,220,289	84.12%
June 30, 2014	2,450,131,517	2,730,430,660	280,299,143	91.1%	513,758,978	54.56%
June 30, 2015	2,668,035,418	2,806,587,788	138,552,370	95.1%	531,266,860	26.08%
June 30, 2016	2,788,543,840	2,904,694,246	116,150,406	96.0%	538,698,977	21.56%

D. SUMMARY AND RECOMMENDATIONS

Based on the assumptions and methodology previously adopted by the Board and outlined in this report, an employer contribution rate of 11.891% of covered payroll would be recommended for the next fiscal year. In recent years, a practice has been developed whereby adjustments to the baseline recommended rate may be recommended under a limited set of circumstances. These adjustments have the sole purpose of reducing contribution rate volatility. In general, the rate will only be adjusted in the direction of the projected contribution rate trend. Contributions in excess of the baseline recommended rate will create a surplus contribution. A negative adjustment to the baseline rate may only be recommended if a sufficient surplus contribution exists. With just over \$100 million in asset losses to be recognized over the next few years, the contribution rate is expected to increase over the next few years. ***As a result, at the February 7, 2017 meeting of the Benefit Board, we recommended and the Board approved maintaining the aggregate contribution rate of 12.340% of covered payroll be contributed for the fiscal year beginning July 1, 2017.*** These contributions in excess of the baseline contribution will help to mitigate the expected increase in contribution rates over the next few years. Below is a summary of the baseline and recommended rates for most recent valuations.

Valuation Date	Baseline Recommended Rate	Adjusted Rate Recommended and Approved	Surplus/(Deficit) Contribution	Cumulative Surplus/(Deficit) Contribution with Adjustment
June 30, 2006	16.658%	16.658%	---	---
June 30, 2007	12.902%	12.902%	---	---
June 30, 2008	11.086%	13.012%	1.926%	2.051%
June 30, 2009	17.467%	15.416%	(2.051%)	0.000%
June 30, 2010	14.768%	15.416%	0.648%	0.679%
June 30, 2011	15.938%	15.938%	0.000%	0.679%
June 30, 2012	17.117%	17.117%	0.000%	0.650%
June 30, 2013	18.637%	17.987%	(0.065%)	0.000%
June 30, 2014	15.510%	15.510%	0.000%	0.000%
June 30, 2015	12.340%	12.340%	0.000%	0.000%
June 30, 2016	11.891%	12.340%	0.449%	0.449%

E. SUMMARY OF PLAN PROVISIONS

DIVISION A

1. Eligibility (Chapter 3.08.010)

All persons hired by the Metropolitan Government after April 1, 1963 and before July 1, 1995 participate after six months of service as a condition of employment. All employees on April 1, 1963 who were participants in a former plan had the right to elect voluntarily to transfer participation from the former plan to this plan. Those participants who elected to transfer ceased to be participants in the former plan, and all contributions made to a former plan were transferred to the fund of the Metro Plan. Employees eligible for coverage by any pension plan for teachers or any other plan provided by the Metropolitan Government are not eligible to participate in the Metro Plan.

Any Metro employee on January 1, 1971 who was then a participant of a former plan, or was not a member of any plan, could elect to become a member of the Metro System on January 1, 1972.

(See Item 19 below for Firemen and Policemen)

2. Credited Service (Chapter 3.08.010) (See Item 20 below for Firemen and Policemen)

(a) Members who were Metro employees on April 1, 1963:

Service includes all continuous service with Metro after April 1, 1963 and all service, prior to April 1, 1963, continuous or not, with the government of Metro, the City of Nashville or the County of Davidson excluding (i) all service covered by a retirement plan for teachers, (ii) any fire and police service, (iii) one-half of the service which was not covered by a former plan and (iv) all service which the Charter prohibits.

(b) Members who were Metro employees on January 1, 1972 and first became members of this plan on that date:

Service includes all continuous service with Metro after January 1, 1972, all service under any former plan of which he was a member, and one-half of any service not covered by a former plan.

(c) Metro employees hired after April 1, 1963:

Service includes all continuous, uninterrupted service after date of hire, excluding fire and police service.

3. **Normal Retirement** (See Item 21 below for Firemen and Policemen)

(a) **Condition** (Chapter 3.32.020)

The normal retirement date is the day following the member's attainment of age 65, but retirement may be postponed.

(b) **Benefit** (Chapter 3.32.020)

The monthly benefit, payable for life, is computed as 1/12 of the product of (1) and (2):

- (1) 1.00% of average base earnings plus 1.75% of average excess earnings; and
- (2) Years of credited Service.

"Base earnings" means that part of earnings in any calendar year determined in accordance with the following table:

<u>Year of Birth</u>	<u>Base Earnings</u>
1903 or earlier	\$4,800
1904 - 1906	5,400
1907 - 1913	6,000
1914 - 1928	6,600
1929 - 1935	7,200
1936 or later	7,800

"Excess earnings" means earnings in any calendar year in excess of "base earnings".

"Average earnings" means the annual average of monthly earnings for the sixty consecutive months of credited service (excluding service credited during periods of disability) during the past fifteen years in which earnings were highest or for such lesser number of full calendar months as have been actually completed.

(c) **Minimum Benefit (Chapter 3.40.050)**

A minimum normal retirement benefit is provided for participants who have completed at least ten years of Credited Service. The amount of the minimum benefit is \$15.00 per month per full year of Credited Service, subject to a maximum of twenty years of Credited Service.

4. **Early Retirement** (See Item 22 below for Firemen and Policemen)

(a) **Condition** (Chapter 3.32.030)

A member may retire after attainment of age 55 and completion of 20 years of service.

(b) **Benefit** (Chapter 3.32.030)

A member who retires early may receive his pension benefit in one of two ways:

- (1) A deferred monthly benefit commencing at age 65, computed in the manner set forth in 3(b) above. If the deferred retired member is subsequently rehired, his service will not be deemed interrupted but will not include the period he was not an employee. If the death of a member who elected a deferred monthly benefit occurs prior to his attainment of age 65, his beneficiary receives a refund of the pension contribution standing to his credit.
- (2) A reduced, immediate monthly income, the amount of which is determined as the actuarial equivalent of the deferred benefit in the preceding paragraph.

5. **Vested Pension after 5 Years of Service (Chapter 3.32.040)** (See Item 23 below for Firemen and Policemen)

A member who terminates his service after completion of 5 years of service, but before he is eligible for early or normal retirement, may leave his contributions in the plan and be eligible to receive the deferred benefits provided in 4(b)(1) above.

6. **Escalation Provision (Chapter 3.08.170)**

Benefits under 3, 4 and 5 above (and the equivalent items dealing with Firemen and Policemen) are increased each January 1 by the percentage (up to 5%) which the Consumer Price Index has increased during the 12 months ending on the September 30 prior to the calendar year for which the escalation applies. The percentage is applied to the original benefit. Escalated benefits never decrease.

7. **Disability Retirement**

(a) **Condition** (Chapters 3.28.020-3.28.040)

A member who becomes disabled after 10 years of service is eligible to receive a disability retirement benefit. A member who becomes disabled in the line of duty is eligible to receive a disability benefit regardless of length of service; such disability must occur while performing regular duties as an employee of the Metropolitan Government as determined by the Benefit Board. Disability and continuation of disability are determined by the Board.

(b) **Benefit** (Chapter 3.28.050)

The monthly disability benefit payable will be equal to 60% of the member's earnings during the 12 months prior to his disability, plus an additional 10% of such earnings in the event that the member has at least one dependent child, less any primary disability benefits he receives from Social Security.

If a disabled member receives a disability pension payment until age 65, his disability pension then ceases and thereafter he is eligible to receive a normal retirement pension, computed as in item 3 above or item 21 below, with the period of disability included as service in the determination of the benefit and as though his earnings had remained the same as his earnings prior to the date his disability pension commenced. A disabled member who has satisfied the requirements to receive an early retirement benefit may voluntarily elect to receive an early retirement benefit computed as in item 4 above or item 22 below.

8. **Death of a Disabled Member**

(a) **Condition** (Chapters 3.28.070-3.28.090)

In the event of the death of a disabled member prior to age 65 and while entitled to receive a Disability Pension, his surviving dependents are eligible for a survivorship benefit.

(b) **Benefit** (Chapter 3.28.070)

The survivorship benefit is 75% of the difference between (a) the member's disability retirement benefit, and (b) 75% of the widow's Social Security benefits.

The benefit will be payable to:

- (1) The widow until her death or remarriage, and thereafter to the guardian of the surviving dependent children, if any; or
- (2) The legal guardian of the surviving dependent children if no spouse survives the deceased disabled member.

All benefits for surviving children will cease when there are no surviving dependent children.

Benefits payable after the widow's age 65 cannot exceed the benefits which would have been payable on the member's retirement at 65 under Option A (100% Joint and Survivor) based on average earnings at date of disability.

9. **Death in Line of Duty (Chapter 3.28.080)**

If the death of a member occurs as a result of an act which was required of him in the performance of his duties as an employee of the Metropolitan Government, his surviving dependents are eligible for a benefit computed and payable as though the member had died after commencing to receive a disability benefit.

10. **Death Not in Line of Duty (Chapter 3.40.040)**

(a) **Condition**

If the death of a member occurs after he becomes eligible to retire and receive a normal, early, or vested retirement benefit as specified in items 3, 4 or 5 above or 21, 22 or 23 below, his surviving Beneficiary is eligible to receive a benefit.

(b) **Benefit**

The surviving Beneficiary will receive a benefit in accordance with the applicable option in effect or, if no option had been elected, in accordance with Option A as though the member had retired on the first day of the month prior to the month of death and had elected Option A.

11. **Hazardous Duty Death Benefit (Chapter 3.20.040)**

Indemnity of \$100,000 is paid to the estate of an employee whose death is a "direct result" of "engaging in hazardous duty" as defined in the plan. The Board may fully or partly self-insure this benefit.

12. **Minimum Benefit - Refund of Member Contributions (Chapter 3.40.010)**

If a member terminates his employment before completion of 10 years of service or dies before becoming eligible for a pre-retirement death benefit, he or his beneficiary is entitled to the refund of his contributions to the fund. If the member has completed 3 years of service when he terminates, he also is entitled to receive interest, at 3% per annum, on the amount in his contribution account at the end of each calendar year following his completion of 3 years of service.

Any employee terminating after 10 years' service may elect to receive a refund of his contributions with interest in lieu of all other benefits under the system.

If the member elects a refund before age 60, he forfeits any contributions he made to a predecessor plan.

13. **Re-employment (Chapter 3.40.010)**

Any member who terminates service and is subsequently rehired will receive credit for his prior period of service upon written application to the Board within one year of rehire. A rehired member who elected to receive a refund of his contributions and is re-employed must repay such contributions with interest at 6% per year from the date of the refund in order to receive such credit. If a member's break in service occurs after January 1, 1996, credit for prior service will be granted only if (1) the break in service does not exceed five years and (2) the period of prior service equals or exceeds the period of the break.

14. **Options (Chapters 3.40.020, 3.40.030)**

The following options are available:

- A. Joint and 100% to survivor
- B. Joint and 50% to survivor
- C. Social Security Option
- D. 120 payments certain and life
- E. Joint and 100% to survivor with "popup"
- F. Joint and 50% to survivor with "popup"

15. **Contributions (Chapter 3.16.030)**

Prior to January 1, 1987, each member contributed

- (a) 3% of annual earnings subject to Social Security tax, plus
- (b) 6% of annual earnings not subject to Social Security tax.

Effective January 1, 1987, the Metropolitan Government assumed responsibility for the total cost of the plan, except that participating employees of the Metropolitan Board of Education continue to contribute at the pre-1987 rates. Effective July 1, 2001, the Metropolitan Government assumed responsibility for the total cost of the plan for all groups.

16. **Employer Contributions (Chapter 3.16.050)**

The Metropolitan Government contributes each year an amount equal to at least (a) 0.3% plus the Contribution Rate expressed as a percentage of valuation payroll for the prior year or (b) if less, the amount determined by an actuarial valuation of the plan, equal to a normal contribution plus a percentage of the unfunded past service liability, such percentage to be at a level at least equal to the actuarial valuation interest rate.

17. **Trust Funds (Chapters 3.08.010, 3.08.130, 3.08.140)**

Employee contributions are deposited in Trust Funds B and C. Employer contributions are divided on an actuarial basis between Trust Funds A, B and C.

Trust Fund A provides for disability benefits for all employees, including fire and police.

Trust Fund B is a pension benefit fund for benefits (other than disability benefits) arising from service other than credited fire and police service.

Trust Fund C is a pension benefit fund for benefits (other than disability benefits) arising from credited fire and police service.

The Treasurer of Metropolitan Government is the Trustee and the Investment Committee of Metropolitan Government manages investment of the funds.

18. *Administration*

The system is administered by the Metropolitan Employee Benefit Board.

DIVISION A MEMBERS WITH FIRE AND POLICE SERVICE

The summary of benefits in Sections 1-18 preceding is generally applicable to members with credited fire and police service, with the following exceptions:

19. **Eligibility**

Metro employees who are in the uniformed fire service of any division of the Department of Fire of Metropolitan Government or who are police officers in the Department of Police as determined in accordance with the qualifications prescribed by applicable rules and regulations of the Civil Service Commission are eligible to be members of this plan as "Firemen" and "Policemen".

20. **Credited Service (Chapter 3.08.010)**

- (a) Firemen or Policemen who were Metro employees on April 1, 1963:

Service includes all continuous service with Metro after April 1, 1963 as a uniformed Fireman or Policeman. Service also includes all continuous service prior to April 1, 1963 which was included as service under a former plan and one half of all such service which was not covered by a prior plan.

- (b) Firemen or Policemen who were Metro employees on January 1, 1972, and first became members of this plan on that date:

Service includes all continuous service with Metro after January 1, 1972 as a uniformed Fireman or Policeman. Service also includes all continuous service prior to January 1, 1972 which was included as service under a former plan and one half of all such service which was not covered by a prior plan.

- (c) Metro Firemen or Policemen hired after April 1, 1963:

Service includes all continuous service as a uniformed Policeman or Fireman after the date of hire and prior to the member's compulsory retirement date. Service as a correctional officer or park ranger is considered Credited Service as "Firemen" or "Policemen."

21. **Normal Retirement**

- (a) **Condition** (Chapter 3.36.020)

The normal retirement date is the day following attainment of age 55 and completion of 20 years of service. Retirement at age 60 is compulsory.

- (b) **Benefit** (Chapter 3.36.020)

The monthly benefit, payable for life, is computed as 1/12 of the sum of (1) and (2), as follows:

- (1) 2% of average annual earnings for each year of service not in excess of 25 years, and
- (2) 1.75% of average annual earnings for each year of service in excess of 25 years.

However, after the retired member is age 65 or after he has commenced receiving Social Security Benefits, whichever occurs first, the above monthly benefit shall be reduced by the amount of his monthly Primary Social Security Benefit.

In no instance will the monthly benefit be less than 1/12 of the product of (3) and (4), as follows:

- (3) 1% of average base earnings plus 1.75% of average excess earnings; and
- (4) Years of credited service.

(c) **Minimum Benefit (Chapter 3.40.050)**

A minimum normal retirement benefit is provided for participants who have completed at least ten years of Credited Service. The amount of the minimum benefit is \$15.00 per month per full year of Credited Service, subject to a maximum of twenty years of Credited Service.

22. **Early Retirement (Chapter 3.36.030)**

(a) **Condition**

A member may retire early after attaining age 55 or after attaining age 50 and completion of 20 years of service.

(b) **Benefit**

A member who retires early may receive his pension benefit in either of two ways:

- (1) A deferred monthly benefit commencing at age 62, computed in the manner set forth in item 21(b) above. If the deferred retired member is subsequently rehired, his service will not be deemed interrupted but shall not include the period he was not an employee.
- (2) A reduced immediate monthly benefit determined as the actuarial equivalent of the deferred benefit provided in the preceding paragraph.

23. **Vested Pension After 5 Years of Service (Chapter 3.36.040)**

A member who terminates his service after completion of 5 years of service and before he is eligible for Early or Normal Retirement may leave his contributions in the plan and be eligible to receive a deferred benefit computed and payable as in item 22(b)(1) above.

DIVISION B

24. **Eligibility (Chapter 3.12.031)**

All persons hired by the Metropolitan Government on or after July 1, 1995 participate after six months of service as a condition of employment. All employees on July 1, 1995 who were participants in Division A or a superseded plan had the right to elect voluntarily to transfer participation from the former plan to Division B effective January 1, 1996.

(See Item 43 below for Firemen and Policemen)

25. **Credited Service (Chapter 3.08.010)** (See Item 44 below for Firemen and Policemen)

The language of Item 2 above also applies to Division B.

26. **Normal Retirement** (See Item 45 below for Firemen and Policemen)

(a) **Condition** (Chapter 3.08.012)

The normal retirement date is the earlier of (i) the date when the sum of the member's age last birthday and his credited employee service equals 85, but not before age 60; and (ii) the date when the member reaches age 65 and has completed five years of credited employee service.

(b) **Benefit** (Chapter 3.33.020)

The monthly benefit, payable for life, is computed as 1/12 of the product of (1) and (2):

- (1) 1.75% of average earnings; and
- (2) Years of Credited Service.

"Average earnings" means the annual average of monthly earnings for the sixty consecutive months of credited service (excluding service credited during periods of disability) during the past fifteen years in which earnings were highest or for such lesser number of full calendar months as have been actually completed.

(c) **Minimum Benefit (Chapter 3.40.050)**

A minimum normal retirement benefit is provided for participants who have completed at least ten years of Credited Service. The amount of the minimum benefit is \$15.00 per month per full year of Credited Service, subject to a maximum of twenty years of Credited Service.

27. **Early Retirement** (See Item 46 below for Firemen and Policemen)

(a) **Condition** (Chapter 3.33.030)

A member may retire after attainment of age 50 and completion of 10 years of service.

(b) **Benefit** (Chapter 3.33.030)

A member who retires early may receive his pension benefit in one of two ways:

- (1) A deferred monthly benefit commencing at his normal retirement date, computed in the manner set forth in 26(b) above. If the deferred retired member is subsequently rehired, his service will not be deemed interrupted but will not include the period he was not an employee. If the death of a member who elected a deferred monthly benefit occurs before his benefits commence, his beneficiary receives a refund of the pension contribution standing to his credit.
- (2) A reduced, immediate monthly income. The amount of the immediate annuity is determined as the deferred benefit in the preceding paragraph, decreased by 4% for each of the first five years by which his benefit commencement date precedes the date on which he could receive his deferred benefit, and by 8% for each additional such year. The immediate benefit shall not be less than the actuarial equivalent of the member's deferred benefit.

28. **Vested Pension after 5 Years of Service (Chapter 3.33.040)** (See Item 47 below for Firemen and Policemen)

A member who terminates his service after completion of 5 years of service, but before he is eligible for early or normal retirement, may leave his contributions in the plan and be eligible to receive the deferred benefits provided in 27(b)(1) above.

29. **Unused Sick Leave at Service Retirement (Chapter 3.33.050)**.

A member who becomes eligible for a service retirement benefit receives credit for unused sick leave time for purposes of calculating his benefit under Item 26(b) and to reduce the age at which he is eligible to receive an unreduced benefit under Item 26, 27 or 28.

30. **Escalation Provision (Chapter 3.08.171)**

Benefits under 26, 27 and 28 above (and the equivalent items dealing with Firemen and Policemen) are increased each January 1 by 80% of the percentage (up to 5%) by which the increase in the Consumer Price Index during the 12 months ending on the September 30 prior to the calendar year for which the escalation applies exceeds 1%. The percentage is applied to the original benefit. Escalated benefits never decrease.

31. **Disability Retirement**

(a) **Condition** (Chapters 3.29.020-3.29.040)

A member who becomes disabled after 10 years of service is eligible to receive a disability retirement benefit. A member who becomes disabled in the line of duty is eligible to receive a disability benefit regardless of length of service; such disability must occur while performing regular duties as an employee of the Metropolitan Government as determined by the Benefit Board. Disability and continuation of disability are determined by the Board.

(b) **Benefit** (Chapter 3.29.050)

The monthly disability benefit payable will be equal to 50% of the member's earnings during the 12 months prior to his disability, plus an additional 10% of such earnings in the event that the member has at least one dependent child. If the member becomes eligible for social Security disability benefits, the 50% figure in the preceding sentence is reduced to 30%.

If a disabled member receives a disability pension payment until his normal retirement date (calculated as if his service had continued), his disability pension then ceases and thereafter he is eligible to receive a normal retirement pension, computed as in item 26 above or item 45 below, with the period of disability included as service in the determination of the benefit and as though his earnings had remained the same as his earnings prior to the date his disability pension commenced. A disabled member who has satisfied the requirements to receive an early retirement benefit may voluntarily elect to receive an early retirement benefit computed as in item 27 above or item 46 below.

If a disabled member returns to work with Metro at a rate of pay less than he was receiving at the time he became disabled, the plan will make up the difference between his current base salary and his pre-disability base salary.

32. **Death of a Disabled Member**

(a) **Condition** (Chapters 3.29.070-3.29.080)

In the event of the death of a disabled member prior to his normal retirement date and while entitled to receive a Disability Pension, his surviving dependents are eligible for a survivorship benefit.

(b) **Benefit** (Chapter 3.29.070)

The survivorship benefit is 25% of the member's average earnings at the time of his disability, but not less than the benefit that would have commenced at the member's date of death had he retired instead of dying, based on his average earnings and service at the time of his termination of service, in accordance with Option A.

The benefit will be payable to:

- (1) The widow until her death or remarriage, and thereafter to the guardian of the surviving dependent children, if any; or
- (2) The legal guardian of the surviving dependent children if no spouse survives the deceased disabled member.

All benefits for surviving children will cease when there are no surviving dependent children.

33. **Death in Line of Duty (Chapter 3.29.080)**

If the death of a member occurs as a result of an act which was required of him in the performance of his duties as an employee of the Metropolitan Government, his surviving dependents are eligible for a benefit computed and payable as though the member had died after commencing to receive a disability benefit.

34. **Death Not in Line of Duty (Chapter 3.40.041)**

(a) **Condition**

If the death of a member occurs after he becomes eligible to retire and receive a normal or early retirement benefit as specified in items 26, 27 or 28 above or 45, 46, or 47 below, his surviving Beneficiary is eligible to receive a benefit.

(b) **Benefit**

The surviving Beneficiary will receive a benefit in accordance with the applicable option in effect or, if no option had been elected, in accordance with Option A as though the member had retired on the first day of the month prior to the month of death and had elected Option A. In no case, however, will an eligible employee's death benefit be less than 25% of his average earnings over the last twelve months preceding his death.

35. **Hazardous Duty Death Benefit (Chapter 3.20.040)**

The language of Item 11 above also applies to Division B.

36. **Minimum Benefit - Refund of Member Contributions (Chapter 3.40.010)**

The language of Item 12 above also applies to Division B.

37. **Re-employment (Chapter 3.40.010)**

The language of Item 13 above also applies to Division B.

38. **Options (Chapters 3.40.020, 3.40.030)**

The language of Item 14 above also applies to Division B.

39. **Contributions (Chapter 3.16.030)**

The language of Item 15 above also applies to Division B.

40. **Employer Contributions (Chapter 3.16.050)**

The language of Item 16 above also applies to Division B.

41. **Trust Funds (Chapters 3.08.010, 3.08.130, 3.08.140)**

Employee contributions are deposited in Trust Funds B and C. Employer contributions are divided on an actuarial basis between Trust Funds A, B and C.

Trust Fund A provides for disability benefits for all employees, including fire and police.

Trust Fund B is a pension benefit fund for benefits (other than disability benefits) arising from service other than credited fire and police service.

Trust Fund C is a pension benefit fund for benefits (other than disability benefits) arising from credited fire and police service.

The Treasurer of Metropolitan Government is the Trustee and the Investment Committee of Metropolitan Government manages investment of the funds.

42. **Administration**

The language of Item 18 above also applies to Division B.

DIVISION B MEMBERS WITH FIRE AND POLICE SERVICE

The summary of benefits in Sections 24-42 preceding is generally applicable to members with credited fire and police service, with the following exceptions:

43. **Eligibility (3.08.010, 3.08.012, 3.12.031)**

All Firemen and Policemen hired by The Metropolitan Government on or after July 1, 1995 participate after six months of service as a condition of employment. All employees on July 1, 1995 who were participating as Firemen or Policemen in Division A or a superseded plan had the right to elect voluntarily to transfer participation from the former plan to Division B as Firemen and Policemen effective January 1, 1996.

Metro employees who are in the uniformed fire service (fire suppression, fire prevention, fire training, fire inspection, Emergency Medical Technicians, and paramedics) of any division of the Department of Fire of Metropolitan Government, or who are police officers in the Department of Police as determined in accordance with the qualifications prescribed by applicable rules and regulations of the Civil Service Commission, are eligible to be members of this plan as "Firemen" and "Policemen".

44. **Credited Service (Chapter 3.08.010)**

The language of Item 20 above also applies to Division B.

45. **Normal Retirement**

(a) **Condition** (Chapter 3.08.012)

The normal retirement date is the date when the sum of the member's age last birthday and his credited police and fire service equals 75, but not before age 53 nor after age 60. Retirement at age 60 is compulsory.

(b) **Benefit** (Chapter 3.37.020)

The monthly benefit, payable for life, is computed as 1/12 of the sum of (1) and (2), as follows:

- (1) 2% of average annual earnings for each year of service not in excess of 25 years; and
- (2) 1.75% of average annual earnings for each year of service in excess of 25 years.

(c) **Minimum Benefit (Chapter 3.40.050)**

A minimum normal retirement benefit is provided for participants who have completed at least ten years of Credited Service. The amount of the minimum benefit is \$15.00 per month per full year of Credited Service, subject to a maximum of twenty years of Credited Service.

46. **Early Retirement (Chapter 3.37.030)**

(a) **Condition**

A member may retire early after attaining age 45 and completion of 10 years of service.

(b) **Benefit**

A member who retires early may receive his pension benefit in either of two ways:

- (1) A deferred monthly benefit commencing at his normal retirement date, computed in the manner set forth in item 45(b) above. If the deferred retired member is subsequently rehired, his service will not be deemed interrupted but shall not include the period he was not an employee. If the death of a member who elected a deferred monthly benefit occurs before his benefits commence, his beneficiary receives a refund of the pension contribution standing to his credit.
- (2) A reduced, immediate monthly income. The amount of the immediate annuity is determined as the deferred benefit in the preceding paragraph, decreased by 4% for each of the first five years by which his benefit commencement date precedes the date on which he could receive his deferred benefit, and by 8% for each additional such year. The immediate benefit shall not be less than the actuarial equivalent of the member's deferred benefit.

47. **Vested Pension After 5 Years of Service (Chapter 3.37.040)**

A member who terminates his service after completion of 5 years of service and before he is eligible for Early or Normal Retirement may leave his contributions in the plan and be eligible to receive a deferred benefit computed and payable as in item 46(b)(1) above.

48. **Unused Sick Leave at Early Retirement (Chapter 3.37.050)**

A member who becomes eligible for a service retirement benefit receives credit for unused sick leave time for purposes of calculating his benefit under Item 45(b) and to reduce the age at which he is eligible to receive an unreduced benefit under Item 45, 46, or 47.

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**TABLE I-1
 DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE
 METRO GENERAL GOVERNMENT
 DIVISION A**

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
26-30	2	68,448	34,224	0	0	0	2	68,448	34,224
31-35	0	0	0	0	0	0	0	0	0
36-40	0	0	0	1	23,168	23,168	1	23,168	23,168
41-45	3	154,997	51,665	0	0	0	3	154,997	51,665
46-50	6	317,165	52,860	4	178,925	44,731	10	496,090	49,609
51-55	2	59,005	29,502	7	277,087	39,583	9	336,092	37,343
56-60	5	258,360	51,672	11	361,886	32,898	16	620,246	38,765
61-65	0	0	0	6	234,385	39,064	6	234,385	39,064
66-70	1	23,195	23,195	0	0	0	1	23,195	23,195
71-75	0	0	0	0	0	0	0	0	0
76-80	0	0	0	0	0	0	0	0	0
81-85	0	0	0	0	0	0	0	0	0
86-90	0	0	0	0	0	0	0	0	0
TOTAL	19	881,170	46,377	29	1,075,451	37,084	48	1,956,621	40,762

TABLE I-2

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

METRO FIRE AND POLICE

DIVISION A

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0
31-35	1	56,404	56,404	0	0	0	1	56,404	56,404
36-40	0	0	0	0	0	0	0	0	0
41-45	4	272,450	68,112	0	0	0	4	272,450	68,112
46-50	1	76,308	76,308	0	0	0	1	76,308	76,308
51-55	9	646,204	71,800	0	0	0	9	646,204	71,800
56-60	3	246,112	82,037	1	77,486	77,486	4	323,598	80,899
61-65	1	84,748	84,748	0	0	0	1	84,748	84,748
66-70	0	0	0	0	0	0	0	0	0
71-75	0	0	0	0	0	0	0	0	0
76-80	0	0	0	0	0	0	0	0	0
81-85	0	0	0	0	0	0	0	0	0
86-90	0	0	0	0	0	0	0	0	0
TOTAL	19	1,382,226	72,748	1	77,486	77,486	20	1,459,712	72,985

TABLE I-3

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

TOTAL

DIVISION A

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
26-30	2	68,448	34,224	0	0	0	2	68,448	34,224
31-35	1	56,404	56,404	0	0	0	1	56,404	56,404
36-40	0	0	0	1	23,168	23,168	1	23,168	23,168
41-45	7	427,447	61,064	0	0	0	7	427,447	61,064
46-50	7	393,473	56,210	4	178,925	44,731	11	572,398	52,036
51-55	11	705,209	64,110	7	277,087	39,584	18	982,296	54,572
56-60	8	504,472	63,059	12	439,372	36,614	20	943,844	47,192
61-65	1	84,748	84,748	6	234,385	39,064	7	319,133	45,590
66-70	1	23,195	23,195	0	0	0	1	23,195	23,195
71-75	0	0	0	0	0	0	0	0	0
76-80	0	0	0	0	0	0	0	0	0
81-85	0	0	0	0	0	0	0	0	0
86-90	0	0	0	0	0	0	0	0	0
TOTAL	38	2,263,396	119,125	30	1,152,937	114,570	68	3,416,333	113,747

TABLE I-4
DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE
METRO GENERAL GOVERNMENT
DIVISION B

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	5	141,199	28,239	10	218,189	21,818	15	359,388	23,959
21-25	97	2,961,849	30,534	149	3,901,952	26,187	246	6,863,801	27,901
26-30	280	10,395,035	37,125	390	12,110,437	31,052	670	22,505,472	33,590
31-35	356	15,243,565	42,819	474	16,164,508	34,102	830	31,408,073	37,841
36-40	352	16,906,116	48,028	515	18,928,761	36,754	867	35,834,877	41,332
41-45	405	19,880,572	49,087	616	22,818,640	37,043	1,021	42,699,212	41,820
46-50	432	22,657,828	52,448	696	27,202,824	39,084	1,128	49,860,652	44,202
51-55	509	27,748,095	54,515	805	31,958,359	39,699	1,314	59,706,454	45,438
56-60	478	26,439,940	55,313	717	28,808,684	40,179	1,195	55,248,624	46,233
61-65	245	13,108,422	53,503	409	16,469,924	40,268	654	29,578,346	45,226
66-70	94	5,011,419	53,312	125	4,504,563	36,036	219	9,515,982	43,451
71-75	16	655,162	40,947	28	913,088	32,610	44	1,568,250	35,642
76-80	6	529,723	88,287	11	353,468	32,133	17	883,191	51,952
81-85	2	76,199	38,099	1	71,804	71,804	3	148,003	49,334
86-90	1	70,119	70,119	1	12,534	12,534	2	82,653	41,326
TOTAL	3,278	161,825,243	49,367	4,947	184,437,735	37,282	8,225	346,262,978	42,098

TABLE I-5

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

METRO FIRE AND POLICE

DIVISION B

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	1	31,035	31,035	1	31,035	31,035
21-25	61	2,894,909	47,457	20	783,736	39,186	81	3,678,645	45,415
26-30	383	20,614,798	53,824	55	2,595,341	47,188	438	23,210,139	52,991
31-35	432	24,445,572	56,586	67	3,485,646	52,024	499	27,931,218	55,974
36-40	375	23,027,472	61,406	45	2,502,726	55,616	420	25,530,198	60,786
41-45	472	32,375,390	68,591	45	2,666,545	59,256	517	35,041,935	67,779
46-50	374	26,698,138	71,385	58	3,885,053	66,983	432	30,583,191	70,794
51-55	323	23,381,901	72,389	49	3,175,688	64,809	372	26,557,589	71,391
56-60	136	10,025,423	73,716	19	1,087,046	57,212	155	11,112,469	71,693
61-65	58	4,451,607	76,751	6	412,678	68,779	64	4,864,285	76,004
66-70	4	386,714	96,678	2	92,159	46,079	6	478,873	79,812
71-75	0	0	0	0	0	0	0	0	0
76-80	0	0	0	0	0	0	0	0	0
81-85	0	0	0	0	0	0	0	0	0
86-90	0	0	0	0	0	0	0	0	0
TOTAL	2,618	168,301,924	64,286	367	20,717,653	56,451	2,985	189,019,577	63,323

TABLE I-6

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

TOTAL

DIVISION B

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	5	141,199	28,240	11	249,224	22,657	16	390,423	24,401
21-25	158	5,856,758	37,068	169	4,685,688	27,726	327	10,542,446	32,240
26-30	663	31,009,833	46,772	445	14,705,778	33,047	1108	45,715,611	41,260
31-35	788	39,689,137	50,367	541	19,650,154	36,322	1329	59,339,291	44,650
36-40	727	39,933,588	54,929	560	21,431,487	38,271	1287	61,365,075	47,681
41-45	877	52,255,962	59,585	661	25,485,185	38,555	1538	77,741,147	50,547
46-50	806	49,355,966	61,236	754	31,087,877	41,231	1560	80,443,843	51,567
51-55	832	51,129,996	61,454	854	35,134,047	41,141	1686	86,264,043	51,165
56-60	614	36,465,363	59,390	736	29,895,730	40,619	1350	66,361,093	49,156
61-65	303	17,560,029	57,954	415	16,882,602	40,681	718	34,442,631	47,970
66-70	98	5,398,133	55,083	127	4,596,722	36,195	225	9,994,855	44,422
71-75	16	655,162	40,948	28	913,088	32,610	44	1,568,250	35,642
76-80	6	529,723	88,287	11	353,468	32,133	17	883,191	51,952
81-85	2	76,199	38,100	1	71,804	71,804	3	148,003	49,334
86-90	1	70,119	70,119	1	12,534	12,534	2	82,653	41,327
TOTAL	5,896	330,127,167	55,992	5,314	205,155,388	38,607	11,210	535,282,555	47,750

TABLE I-7

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

METRO GENERAL GOVERNMENT

COMBINED

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	5	141,199	28,240	10	218,189	21,819	15	359,388	23,959
21-25	97	2,961,849	30,535	149	3,901,952	26,188	246	6,863,801	27,902
26-30	282	10,463,483	37,105	390	12,110,437	31,052	672	22,573,920	33,592
31-35	356	15,243,565	42,819	474	16,164,508	34,102	830	31,408,073	37,841
36-40	352	16,906,116	48,029	516	18,951,929	36,729	868	35,858,045	41,311
41-45	408	20,035,569	49,107	616	22,818,640	37,043	1,024	42,854,209	41,850
46-50	438	22,974,993	52,454	700	27,381,749	39,117	1,138	50,356,742	44,250
51-55	511	27,807,100	54,417	812	32,235,446	39,699	1,323	60,042,546	45,384
56-60	483	26,698,300	55,276	728	29,170,570	40,069	1,211	55,868,870	46,134
61-65	245	13,108,422	53,504	415	16,704,309	40,251	660	29,812,731	45,171
66-70	95	5,034,614	52,996	125	4,504,563	36,037	220	9,539,177	43,360
71-75	16	655,162	40,948	28	913,088	32,610	44	1,568,250	35,642
76-80	6	529,723	88,287	11	353,468	32,133	17	883,191	51,952
81-85	2	76,199	38,100	1	71,804	71,804	3	148,003	49,334
86-90	1	70,119	70,119	1	12,534	12,534	2	82,653	41,327
TOTAL	3,297	162,706,413	49,350	4,976	185,513,186	37,282	8,273	348,219,599	42,091

TABLE I-8

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

METRO FIRE AND POLICE

COMBINED

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	1	31,035	31,035	1	31,035	31,035
21-25	61	2,894,909	47,458	20	783,736	39,187	81	3,678,645	45,415
26-30	383	20,614,798	53,825	55	2,595,341	47,188	438	23,210,139	52,991
31-35	433	24,501,976	56,587	67	3,485,646	52,025	500	27,987,622	55,975
36-40	375	23,027,472	61,407	45	2,502,726	55,616	420	25,530,198	60,786
41-45	476	32,647,840	68,588	45	2,666,545	59,257	521	35,314,385	67,782
46-50	375	26,774,446	71,399	58	3,885,053	66,984	433	30,659,499	70,807
51-55	332	24,028,105	72,374	49	3,175,688	64,810	381	27,203,793	71,401
56-60	139	10,271,535	73,896	20	1,164,532	58,227	159	11,436,067	71,925
61-65	59	4,536,355	76,887	6	412,678	68,780	65	4,949,033	76,139
66-70	4	386,714	96,679	2	92,159	46,080	6	478,873	79,812
71-75	0	0	0	0	0	0	0	0	0
76-80	0	0	0	0	0	0	0	0	0
81-85	0	0	0	0	0	0	0	0	0
86-90	0	0	0	0	0	0	0	0	0
TOTAL	2,637	169,684,150	64,347	368	20,795,139	56,509	3,005	190,479,289	63,387

TABLE I-9

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

TOTAL

COMBINED

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	5	141,199	28,240	11	249,224	22,657	16	390,423	24,401
21-25	158	5,856,758	37,068	169	4,685,688	27,726	327	10,542,446	32,240
26-30	665	31,078,281	46,734	445	14,705,778	33,047	1110	45,784,059	41,247
31-35	789	39,745,541	50,375	541	19,650,154	36,322	1,330	59,395,695	44,658
36-40	727	39,933,588	54,929	561	21,454,655	38,244	1,288	61,388,243	47,662
41-45	884	52,683,409	59,597	661	25,485,185	38,555	1,545	78,168,594	50,595
46-50	813	49,749,439	61,192	758	31,266,802	41,249	1,571	81,016,241	51,570
51-55	843	51,835,205	61,489	861	35,411,134	41,128	1,704	87,246,339	51,201
56-60	622	36,969,835	59,437	748	30,335,102	40,555	1370	67,304,937	49,128
61-65	304	17,644,777	58,042	421	17,116,987	40,658	725	34,761,764	47,947
66-70	99	5,421,328	54,761	127	4,596,722	36,195	226	10,018,050	44,328
71-75	16	655,162	40,948	28	913,088	32,610	44	1,568,250	35,642
76-80	6	529,723	88,287	11	353,468	32,133	17	883,191	51,952
81-85	2	76,199	38,100	1	71,804	71,804	3	148,003	49,334
86-90	1	70,119	70,119	1	12,534	12,534	2	82,653	41,327
TOTAL	5,934	332,390,563	56,015	5,344	206,308,325	38,606	11,278	538,698,888	47,765

TABLE II-1

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO GENERAL GOVERNMENT

DIVISION A

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	0	0	0	1	34,294	34,294	1	34,294	34,294
3	1	23,854	23,854	0	0	0	1	23,854	23,854
4	0	0	0	0	0	0	0	0	0
0-4	1	23,854	23,854	1	34,294	34,294	2	58,148	29,074
5-9	1	23,195	23,195	1	17,961	17,961	2	41,156	20,578
10-14	1	44,594	44,594	1	29,151	29,151	2	73,745	36,872
15-19	0	0	0	0	0	0	0	0	0
20-24	8	452,399	56,549	15	522,518	34,834	23	974,917	42,387
25-29	4	190,764	47,691	7	307,977	43,996	11	498,741	45,340
30-34	1	52,170	52,170	4	163,550	40,887	5	215,720	43,144
35-39	3	94,194	31,398	0	0	0	3	94,194	31,398
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	19	881,170	46,377	29	1,075,451	37,084	48	1,956,621	40,762

TABLE II-2

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO FIRE AND POLICE

DIVISION A

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
0-4	0	0	0	0	0	0	0	0	0
5-9	1	56,404	56,404	0	0	0	1	56,404	56,404
10-14	3	207,944	69,314	0	0	0	3	207,944	69,314
15-19	1	64,506	64,506	0	0	0	1	64,506	64,506
20-24	5	377,151	75,430	0	0	0	5	377,151	75,430
25-29	5	355,766	71,153	1	77,486	77,486	6	433,252	72,208
30-34	2	152,293	76,146	0	0	0	2	152,293	76,146
35-39	1	84,748	84,748	0	0	0	1	84,748	84,748
40-44	1	83,414	83,414	0	0	0	1	83,414	83,414
45-49	0	0	0	0	0	0	0	0	0
TOTAL	19	1,382,226	72,748	1	77,486	77,486	20	1,459,712	72,985

TABLE II-3

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO TOTALS

DIVISION A

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	0	0	0	1	34,294	34,294	1	34,294	34,294
3	1	23,854	23,854	0	0	0	1	23,854	23,854
4	0	0	0	0	0	0	0	0	0
0-4	1	23,854	23,854	1	34,294	34,294	2	58,148	29,074
5-9	2	79,599	39,800	1	17,961	17,961	3	97,560	32,520
10-14	4	252,538	63,135	1	29,151	29,151	5	281,689	56,338
15-19	1	64,506	64,506	0	0	0	1	64,506	64,506
20-24	13	829,550	63,812	15	522,518	34,835	28	1,352,068	48,288
25-29	9	546,530	60,726	8	385,463	48,183	17	931,993	54,823
30-34	3	204,463	68,154	4	163,550	40,888	7	368,013	52,573
35-39	4	178,942	44,736	0	0	0	4	178,942	44,736
40-44	1	83,414	83,414	0	0	0	1	83,414	83,414
45-49	0	0	0	0	0	0	0	0	0
TOTAL	38	2,263,396	59,563	30	1,152,937	38,431	68	3,416,333	50,240

TABLE II-4

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO GENERAL GOVERNMENT

DIVISION B

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	165	6,097,346	36,953	256	7,651,937	29,890	421	13,749,283	32,658
1	243	9,768,900	40,201	393	11,052,298	28,122	636	20,821,198	32,737
2	194	7,330,128	37,784	285	9,079,007	31,856	479	16,409,135	34,257
3	173	6,930,247	40,059	270	8,190,425	30,334	443	15,120,672	34,132
4	133	5,539,450	41,650	187	5,713,588	30,553	320	11,253,038	35,165
0-4	908	35,666,071	39,279	1,391	41,687,255	29,969	2,299	77,353,326	33,646
5-9	585	26,210,155	44,803	879	29,100,790	33,106	1,464	55,310,945	37,780
10-14	661	32,984,777	49,901	1,050	38,740,203	36,895	1,711	71,724,980	41,919
15-19	358	19,307,442	53,931	642	26,850,307	41,822	1,000	46,157,749	46,157
20-24	244	14,329,373	58,726	438	19,652,949	44,869	682	33,982,322	49,827
25-29	205	13,005,247	63,440	246	12,383,858	50,340	451	25,389,105	56,295
30-34	156	9,665,978	61,961	167	9,276,860	55,550	323	18,942,838	58,646
35-39	117	7,203,718	61,570	88	4,459,116	50,671	205	11,662,834	56,891
40-44	39	2,987,521	76,603	36	1,962,136	54,503	75	4,949,657	65,995
45-49	5	464,961	92,992	10	324,261	32,426	15	789,222	52,614
TOTAL	3,278	161,825,243	49,367	4,947	184,437,735	37,282	8,225	346,262,978	42,098

TABLE II-5

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO FIRE AND POLICE

DIVISION B

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	56	2,036,557	36,367	14	515,667	36,833	70	2,552,224	36,460
1	128	6,175,345	48,244	31	1,350,272	43,557	159	7,525,617	47,330
2	114	5,940,079	52,105	16	733,405	45,837	130	6,673,484	51,334
3	198	11,132,386	56,224	35	1,707,668	48,790	233	12,840,054	55,107
4	110	6,001,472	54,558	14	671,851	47,989	124	6,673,323	53,817
0-4	606	31,285,839	51,626	110	4,978,863	45,262	716	36,264,702	50,649
5-9	525	30,118,418	57,368	52	2,708,425	52,085	577	32,826,843	56,892
10-14	375	23,611,245	62,963	75	4,283,070	57,107	450	27,894,315	61,987
15-19	401	28,431,629	70,901	59	3,602,116	61,052	460	32,033,745	69,638
20-24	309	23,649,909	76,536	41	2,835,442	69,157	350	26,485,351	75,672
25-29	246	18,739,896	76,178	21	1,625,324	77,396	267	20,365,220	76,274
30-34	102	7,929,311	77,738	6	486,671	81,111	108	8,415,982	77,925
35-39	28	2,341,084	83,610	2	148,766	74,383	30	2,489,850	82,995
40-44	25	2,149,324	85,972	0	0	0	25	2,149,324	85,972
45-49	1	45,269	45,269	1	48,976	48,976	2	94,245	47,122
TOTAL	2,618	168,301,924	64,286	367	20,717,653	56,451	2,985	189,019,577	63,323

TABLE II-6

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO TOTALS

DIVISION B

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	221	8,133,903	36,805	270	8,167,604	30,250	491	16,301,507	33,201
1	371	15,944,245	42,976	424	12,402,570	29,251	795	28,346,815	35,656
2	308	13,270,207	43,085	301	9,812,412	32,599	609	23,082,619	37,902
3	371	18,062,633	48,686	305	9,898,093	32,453	676	27,960,726	41,362
4	243	11,540,922	47,494	201	6,385,439	31,768	444	17,926,361	40,375
0-4	1514	66,951,910	44,222	1501	46,666,118	31,090	3015	113,618,028	37,684
5-9	1110	56,328,573	50,746	931	31,809,215	34,167	2041	88,137,788	43,184
10-14	1036	56,596,022	54,629	1125	43,023,273	38,243	2161	99,619,295	46,099
15-19	759	47,739,071	62,897	701	30,452,423	43,441	1460	78,191,494	53,556
20-24	553	37,979,282	68,679	479	22,488,391	46,949	1032	60,467,673	58,593
25-29	451	31,745,143	70,388	267	14,009,182	52,469	718	45,754,325	63,725
30-34	258	17,595,289	68,199	173	9,763,531	56,437	431	27,358,820	63,478
35-39	145	9,544,802	65,826	90	4,607,882	51,199	235	14,152,684	60,224
40-44	64	5,136,845	80,263	36	1,962,136	54,504	100	7,098,981	70,990
45-49	6	510,230	85,038	11	373,237	33,931	17	883,467	51,969
TOTAL	5,896	330,127,167	55,992	5,314	205,155,388	38,607	11,210	535,282,555	47,750

TABLE II-7

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO GENERAL GOVERNMENT

COMBINED

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	165	6,097,346	36,954	256	7,651,937	29,890	421	13,749,283	32,659
1	243	9,768,900	40,201	393	11,052,298	28,123	636	20,821,198	32,738
2	194	7,330,128	37,784	286	9,113,301	31,865	480	16,443,429	34,257
3	174	6,954,101	39,966	270	8,190,425	30,335	444	15,144,526	34,109
4	133	5,539,450	41,650	187	5,713,588	30,554	320	11,253,038	35,166
0-4	909	35,689,925	39,263	1,392	41,721,549	29,972	2,301	77,411,474	33,643
5-9	586	26,233,350	44,767	880	29,118,751	33,089	1,466	55,352,101	37,757
10-14	662	33,029,371	49,893	1,051	38,769,354	36,888	1,713	71,798,725	41,914
15-19	358	19,307,442	53,931	642	26,850,307	41,823	1000	46,157,749	46,158
20-24	252	14,781,772	58,658	453	20,175,467	44,537	705	34,957,239	49,585
25-29	209	13,196,011	63,139	253	12,691,835	50,165	462	25,887,846	56,034
30-34	157	9,718,148	61,899	171	9,440,410	55,207	328	19,158,558	58,410
35-39	120	7,297,912	60,816	88	4,459,116	50,672	208	11,757,028	56,524
40-44	39	2,987,521	76,603	36	1,962,136	54,504	75	4,949,657	65,995
45-49	5	464,961	92,992	10	324,261	32,426	15	789,222	52,615
TOTAL	3,297	162,706,413	49,350	4,976	185,513,186	37,282	8,273	348,219,599	42,091

TABLE II-8

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO FIRE AND POLICE

COMBINED

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	56	2,036,557	36,367	14	515,667	36,833	70	2,552,224	36,460
1	128	6,175,345	48,245	31	1,350,272	43,557	159	7,525,617	47,331
2	114	5,940,079	52,106	16	733,405	45,838	130	6,673,484	51,334
3	198	11,132,386	56,224	35	1,707,668	48,791	233	12,840,054	55,108
4	110	6,001,472	54,559	14	671,851	47,989	124	6,673,323	53,817
0-4	606	31,285,839	51,627	110	4,978,863	45,262	716	36,264,702	50,649
5-9	526	30,174,822	57,367	52	2,708,425	52,085	578	32,883,247	56,891
10-14	378	23,819,189	63,014	75	4,283,070	57,108	453	28,102,259	62,036
15-19	402	28,496,135	70,886	59	3,602,116	61,053	461	32,098,251	69,627
20-24	314	24,027,060	76,519	41	2,835,442	69,157	355	26,862,502	75,669
25-29	251	19,095,662	76,078	22	1,702,810	77,400	273	20,798,472	76,185
30-34	104	8,081,604	77,708	6	486,671	81,112	110	8,568,275	77,893
35-39	29	2,425,832	83,649	2	148,766	74,383	31	2,574,598	83,052
40-44	26	2,232,738	85,875	0	0	0	26	2,232,738	85,875
45-49	1	45,269	45,269	1	48,976	48,976	2	94,245	47,123
TOTAL	2,637	169,684,150	64,347	368	20,795,139	56,509	3,005	190,479,289	63,387

TABLE II-9

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS
BY LENGTH OF SERVICE

METRO TOTALS

COMBINED

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	221	8,133,903	36,805	270	8,167,604	30,250	491	16,301,507	33,201
1	371	15,944,245	42,976	424	12,402,570	29,251	795	28,346,815	35,656
2	308	13,270,207	43,085	302	9,846,706	32,605	610	23,116,913	37,897
3	372	18,086,487	48,620	305	9,898,093	32,453	677	27,984,580	41,336
4	243	11,540,922	47,494	201	6,385,439	31,768	444	17,926,361	40,375
0-4	1,515	66,975,764	44,208	1,502	46,700,412	31,092	3,017	113,676,176	37,679
5-9	1,112	56,408,172	50,727	932	31,827,176	34,149	2,044	88,235,348	43,168
10-14	1,040	56,848,560	54,662	1,126	43,052,424	38,235	2,166	99,900,984	46,122
15-19	760	47,803,577	62,899	701	30,452,423	43,441	1,461	78,256,000	53,563
20-24	566	38,808,832	68,567	494	23,010,909	46,581	1,060	61,819,741	58,321
25-29	460	32,291,673	70,199	275	14,394,645	52,344	735	46,686,318	63,519
30-34	261	17,799,752	68,198	177	9,927,081	56,085	438	27,726,833	63,303
35-39	149	9,723,744	65,260	90	4,607,882	51,199	239	14,331,626	59,965
40-44	65	5,220,259	80,312	36	1,962,136	54,504	101	7,182,395	71,113
45-49	6	510,230	85,038	11	373,237	33,931	17	883,467	51,969
TOTAL	5,934	332,390,563	56,015	5,344	206,308,325	38,606	11,278	538,698,888	47,765

**TABLE III-1
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO GENERAL GOVERNMENT
DIVISION A**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
26-30	1	0	1	0	0	0	0	0	2
	23,854	0	44,594	0	0	0	0	0	34,224
31-35	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
36-40	0	0	0	0	1	0	0	0	1
	0	0	0	0	23,168	0	0	0	23,168
41-45	0	0	0	0	1	2	0	0	3
	0	0	0	0	47,808	53,594	0	0	51,665
46-50	0	0	0	0	7	2	1	0	10
	0	0	0	0	45,897	61,320	52,170	0	49,609
51-55	0	0	1	0	4	2	1	1	9
	0	0	29,151	0	43,022	37,313	35,490	24,735	37,343
56-60	0	1	0	0	8	3	2	2	16
	0	17,961	0	0	45,587	41,463	21,867	34,729	38,765
61-65	1	0	0	0	2	2	1	0	6
	34,294	0	0	0	22,936	34,947	84,325	0	39,064
66-UP	0	1	0	0	0	0	0	0	1
	0	23,195	0	0	0	0	0	0	23,195
TOTAL	2	2	2	0	23	11	5	3	48
	29,074	20,578	36,872	0	42,387	45,340	43,144	31,398	40,762

**TABLE III-2
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO FIRE AND POLICE
DIVISION A**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
31-35	0	1	0	0	0	0	0	0	1
	0	56,404	0	0	0	0	0	0	56,404
36-40	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
41-45	0	0	3	1	0	0	0	0	4
	0	0	69,314	64,506	0	0	0	0	68,112
46-50	0	0	0	0	1	0	0	0	1
	0	0	0	0	76,308	0	0	0	76,308
51-55	0	0	0	0	3	4	2	0	9
	0	0	0	0	72,170	69,349	76,146	0	71,800
56-60	0	0	0	0	1	2	0	1	4
	0	0	0	0	84,331	77,926	0	83,414	80,899
61-65	0	0	0	0	0	0	0	1	1
	0	0	0	0	0	0	0	84,748	84,748
66-UP	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
TOTAL	0	1	3	1	5	6	2	2	20
	0	56,404	69,314	64,506	75,430	72,208	76,146	84,081	72,985

**TABLE III-3
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO TOTALS
DIVISION A**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
26-30	1	0	1	0	0	0	0	0	2
	23,854	0	44,594	0	0	0	0	0	34,224
31-35	0	1	0	0	0	0	0	0	1
	0	56,404	0	0	0	0	0	0	56,404
36-40	0	0	0	0	1	0	0	0	1
	0	0	0	0	23,168	0	0	0	23,168
41-45	0	0	3	1	1	2	0	0	7
	0	0	69,314	64,506	47,808	53,594	0	0	61,063
46-50	0	0	0	0	8	2	1	0	11
	0	0	0	0	49,698	61,320	52,170	0	52,036
51-55	0	0	1	0	7	6	3	1	18
	0	0	29,151	0	55,514	58,670	62,594	24,735	54,572
56-60	0	1	0	0	9	5	2	3	20
	0	17,961	0	0	49,892	56,048	21,867	50,957	47,192
61-65	1	0	0	0	2	2	1	1	7
	34,294	0	0	0	22,936	34,947	84,325	84,748	45,590
66-UP	0	1	0	0	0	0	0	0	1
	0	23,195	0	0	0	0	0	0	23,195
TOTAL	2	3	5	1	28	17	7	5	68
	29,074	32,520	56,337	64,506	48,288	54,823	52,573	52,471	50,239

**TABLE III-4
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO GENERAL GOVERNMENT
DIVISION B**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	15	0	0	0	0	0	0	0	15
	23,959	0	0	0	0	0	0	0	23,959
21-25	224	21	1	0	0	0	0	0	246
	28,044	25,942	37,028	0	0	0	0	0	27,901
26-30	488	151	30	1	0	0	0	0	670
	33,328	34,905	31,029	39,780	0	0	0	0	33,590
31-35	379	230	190	31	0	0	0	0	830
	36,087	39,116	39,454	39,930	0	0	0	0	37,841
36-40	280	205	276	93	13	0	0	0	867
	35,959	39,936	45,348	48,068	45,599	0	0	0	41,332
41-45	264	189	290	179	78	21	0	0	1,021
	34,426	38,989	42,660	48,861	52,282	49,795	0	0	41,820
46-50	194	193	250	195	162	91	43	0	1,128
	31,899	38,044	43,124	47,781	52,543	57,972	56,828	0	44,202
51-55	203	162	262	194	176	152	133	32	1,314
	34,347	40,610	40,786	45,434	47,436	56,961	58,408	58,728	45,438
56-60	146	138	223	174	147	121	101	145	1,195
	32,959	39,032	42,402	43,146	48,188	53,776	60,636	57,737	46,233
61-65	77	125	124	95	78	48	30	77	654
	35,878	34,122	40,966	47,721	49,373	57,525	50,665	62,398	45,226
66-UP	29	50	65	38	28	18	16	41	285
	30,265	27,390	36,464	39,231	54,135	63,420	67,914	57,217	42,800
TOTAL	2,299	1,464	1,711	1,000	682	451	323	295	8,225
	33,646	37,780	41,919	46,157	49,827	56,295	58,646	58,988	42,098

**TABLE III-5
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO FIRE AND POLICE
DIVISION B**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	1	0	0	0	0	0	0	0	1
	31,035	0	0	0	0	0	0	0	31,035
21-25	79	2	0	0	0	0	0	0	81
	45,669	35,393	0	0	0	0	0	0	45,415
26-30	328	105	4	1	0	0	0	0	438
	51,524	57,675	50,022	54,076	0	0	0	0	52,991
31-35	169	242	78	8	2	0	0	0	499
	51,463	57,693	60,208	59,439	50,101	0	0	0	55,974
36-40	67	110	145	96	2	0	0	0	420
	51,478	55,768	62,978	69,748	59,440	0	0	0	60,786
41-45	33	58	121	213	80	12	0	0	517
	51,750	57,256	63,731	72,823	73,676	74,694	0	0	67,779
46-50	26	29	56	79	159	69	14	0	432
	50,511	57,340	63,956	68,278	78,416	75,344	68,887	0	70,794
51-55	10	24	27	40	87	139	43	2	372
	38,837	52,599	55,862	64,315	74,080	77,480	80,521	74,383	71,391
56-60	2	7	13	18	14	41	41	19	155
	53,562	51,083	55,245	54,755	76,280	74,983	78,218	83,936	71,693
61-65	1	0	6	4	5	6	10	32	64
	62,757	0	57,771	70,965	69,552	71,007	78,218	81,720	76,004
66-UP	0	0	0	1	1	0	0	4	6
	0	0	0	60,872	43,183	0	0	93,704	79,812
TOTAL	716	577	450	460	350	267	108	57	2,985
	50,649	56,892	61,987	69,638	75,672	76,274	77,925	83,042	63,323

**TABLE III-6
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO TOTALS
DIVISION B**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	16	0	0	0	0	0	0	0	16
	24,401	0	0	0	0	0	0	0	24,401
21-25	303	23	1	0	0	0	0	0	327
	32,639	26,764	37,028	0	0	0	0	0	32,239
26-30	816	256	34	2	0	0	0	0	1,108
	40,642	44,244	33,263	46,928	0	0	0	0	41,259
31-35	548	472	268	39	2	0	0	0	1,329
	40,829	48,641	45,494	43,932	50,101	0	0	0	44,649
36-40	347	315	421	189	15	0	0	0	1,287
	38,955	45,465	51,420	59,080	47,444	0	0	0	47,681
41-45	297	247	411	392	158	33	0	0	1,538
	36,351	43,278	48,863	61,881	63,114	58,849	0	0	50,546
46-50	220	222	306	274	321	160	57	0	1,560
	34,099	40,565	46,936	53,691	65,359	65,464	59,790	0	51,566
51-55	213	186	289	234	263	291	176	34	1,686
	34,558	42,157	42,194	48,662	56,250	66,762	63,811	59,649	51,164
56-60	148	145	236	192	161	162	142	164	1,350
	33,237	39,614	43,109	44,234	50,631	59,143	65,712	60,772	49,156
61-65	78	125	130	99	83	54	40	109	718
	36,223	34,122	41,742	48,660	50,589	59,023	57,553	68,071	47,969
66-UP	29	50	65	39	29	18	16	45	291
	30,265	27,390	36,464	39,786	53,757	63,420	67,914	60,460	43,563
TOTAL	3,015	2,041	2,161	1,460	1,032	718	431	352	11,210
	37,684	43,183	46,098	53,555	58,592	63,725	63,477	62,883	47,750

**TABLE III-7
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO GENERAL GOVERNMENT
COMBINED**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	15	0	0	0	0	0	0	0	15
	23,959	0	0	0	0	0	0	0	23,959
21-25	224	21	1	0	0	0	0	0	246
	28,044	25,942	37,028	0	0	0	0	0	27,901
26-30	489	151	31	1	0	0	0	0	672
	33,309	34,905	31,467	39,780	0	0	0	0	33,592
31-35	379	230	190	31	0	0	0	0	830
	36,087	39,116	39,454	39,930	0	0	0	0	37,841
36-40	280	205	276	93	14	0	0	0	868
	35,959	39,936	45,348	48,068	43,997	0	0	0	41,311
41-45	264	189	290	179	79	23	0	0	1,024
	34,426	38,989	42,660	48,861	52,225	50,125	0	0	41,849
46-50	194	193	250	195	169	93	44	0	1,138
	31,899	38,044	43,124	47,781	52,268	58,044	56,722	0	44,250
51-55	203	162	263	194	180	154	134	33	1,323
	34,347	40,610	40,742	45,434	47,338	56,706	58,237	57,698	45,383
56-60	146	139	223	174	155	124	103	147	1,211
	32,959	38,880	42,402	43,146	48,054	53,478	59,883	57,424	46,134
61-65	78	125	124	95	80	50	31	77	660
	35,858	34,122	40,966	47,721	48,712	56,622	51,751	62,398	45,170
66-UP	29	51	65	38	28	18	16	41	286
	30,265	27,308	36,464	39,231	54,135	63,420	67,914	57,217	42,731
TOTAL	2,301	1,466	1,713	1,000	705	462	328	298	8,273
	33,642	37,757	41,913	46,157	49,584	56,034	58,410	58,710	42,090

**TABLE III-8
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO FIRE AND POLICE
COMBINED**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	1	0	0	0	0	0	0	0	1
	31,035	0	0	0	0	0	0	0	31,035
21-25	79	2	0	0	0	0	0	0	81
	45,669	35,393	0	0	0	0	0	0	45,415
26-30	328	105	4	1	0	0	0	0	438
	51,524	57,675	50,022	54,076	0	0	0	0	52,991
31-35	169	243	78	8	2	0	0	0	500
	51,463	57,688	60,208	59,439	50,101	0	0	0	55,975
36-40	67	110	145	96	2	0	0	0	420
	51,478	55,768	62,978	69,748	59,440	0	0	0	60,786
41-45	33	58	124	214	80	12	0	0	521
	51,750	57,256	63,866	72,784	73,676	74,694	0	0	67,782
46-50	26	29	56	79	160	69	14	0	433
	50,511	57,340	63,956	68,278	78,403	75,344	68,887	0	70,807
51-55	10	24	27	40	90	143	45	2	381
	38,837	52,599	55,862	64,315	74,016	77,253	80,327	74,383	71,401
56-60	2	7	13	18	15	43	41	20	159
	53,562	51,083	55,245	54,755	76,817	75,120	78,218	83,910	71,925
61-65	1	0	6	4	5	6	10	33	65
	62,757	0	57,771	70,965	69,552	71,007	78,218	81,812	76,139
66-UP	0	0	0	1	1	0	0	4	6
	0	0	0	60,872	43,183	0	0	93,704	79,812
TOTAL	716	578	453	461	355	273	110	59	3,005
	50,649	56,891	62,036	69,627	75,669	76,185	77,893	83,077	63,387

**TABLE III-9
DISTRIBUTION OF SERVICE GROUPS BY AGE GROUPS
ACTIVE LIVES**

**METRO TOTALS
COMBINED**

AGE GROUP	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-UP	TOTAL
1-20	16	0	0	0	0	0	0	0	16
	24,401	0	0	0	0	0	0	0	24,401
21-25	303	23	1	0	0	0	0	0	327
	32,639	26,764	37,028	0	0	0	0	0	32,239
26-30	817	256	35	2	0	0	0	0	1,110
	40,622	44,244	33,587	46,928	0	0	0	0	41,247
31-35	548	473	268	39	2	0	0	0	1,330
	40,829	48,657	45,494	43,932	50,101	0	0	0	44,658
36-40	347	315	421	189	16	0	0	0	1,288
	38,955	45,465	51,420	59,080	45,927	0	0	0	47,662
41-45	297	247	414	393	159	35	0	0	1,545
	36,351	43,278	49,012	61,888	63,018	58,549	0	0	50,594
46-50	220	222	306	274	329	162	58	0	1,571
	34,099	40,565	46,936	53,691	64,978	65,413	59,658	0	51,569
51-55	213	186	290	234	270	297	179	35	1,704
	34,558	42,157	42,150	48,662	56,231	66,599	63,790	58,651	51,200
56-60	148	146	236	192	170	167	144	167	1,370
	33,237	39,465	43,109	44,234	50,592	59,051	65,104	60,596	49,128
61-65	79	125	130	99	85	56	41	110	725
	36,198	34,122	41,742	48,660	49,938	58,163	58,206	68,222	47,946
66-UP	29	51	65	39	29	18	16	45	292
	30,265	27,308	36,464	39,786	53,757	63,420	67,914	60,460	43,493
TOTAL	3,017	2,044	2,166	1,461	1,060	735	438	357	11,278
	37,678	43,167	46,122	53,563	58,320	63,519	63,303	62,737	47,766

TABLE IV-1

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

DIVISION A

METRO GENERAL GOVERNMENT

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	10	111,772	1,257,576	55,638	1,257,576
2017	2	18,261	213,987	123,214	1,496,947
2018	1	17,727	216,324	144,658	1,738,709
2019	2	8,665	100,108	168,347	1,864,164
2020	4	39,554	484,266	205,077	2,369,095
2021	5	37,023	430,921	240,080	2,826,591
2022	2	16,836	183,398	277,576	3,037,313
2023	2	17,274	218,812	296,356	3,275,454
2024	0	0	0	316,349	3,289,320
2025	5	77,572	882,931	371,100	4,173,120
2026	1	16,447	165,057	422,181	4,344,620
2027	4	67,978	733,331	487,254	5,069,100
2028	1	4,917	60,003	515,063	5,114,330
2029	0	0	0	526,220	5,080,171
2030	1	13,352	137,676	537,705	5,162,463
2031	0	0	0	552,299	5,087,621
2032	1	6,072	77,798	560,649	5,069,210
2033	4	99,832	1,066,799	628,024	6,021,452
2034	1	38,209	383,454	670,120	6,286,373
2035	0	0	0	707,110	6,147,107

TABLE IV-2

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

DIVISION A

METRO FIRE AND POLICE

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	6	263,709	3,070,574	131,344	3,070,574
2017	0	0	0	273,399	3,142,344
2018	0	0	0	283,680	3,202,871
2019	0	0	0	293,473	3,251,657
2020	1	41,729	509,271	326,985	3,797,503
2021	3	120,534	1,405,370	471,349	5,240,839
2022	2	88,298	1,058,692	514,544	6,355,885
2023	1	64,557	715,009	616,213	7,134,537
2024	2	95,198	1,074,039	702,328	8,261,210
2025	0	0	0	793,189	8,307,700
2026	0	0	0	812,104	8,321,221
2027	0	0	0	828,965	8,301,113
2028	0	0	0	843,561	8,246,920
2029	1	62,228	641,282	886,603	8,799,704
2030	1	47,418	536,678	944,882	9,221,048
2031	0	0	0	986,799	9,079,744
2032	0	0	0	993,840	8,899,735
2033	0	0	0	997,241	8,681,866
2034	1	53,999	623,847	1,023,634	9,051,234
2035	1	37,360	463,291	1,060,483	9,239,294

TABLE IV-3

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

DIVISION A

METRO TOTALS

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	16	375,481	4,328,150	186,982	4,328,150
2017	2	18,261	213,987	396,613	4,639,291
2018	1	17,727	216,324	428,338	4,941,580
2019	2	8,665	100,108	461,820	5,115,821
2020	5	81,283	993,537	532,062	6,166,598
2021	8	157,557	1,836,291	711,429	8,067,430
2022	4	105,134	1,242,090	792,120	9,393,198
2023	3	81,831	933,821	912,569	10,409,991
2024	2	95,198	1,074,039	1,018,677	11,550,530
2025	5	77,572	882,931	1,164,289	12,480,820
2026	1	16,447	165,057	1,234,285	12,665,841
2027	4	67,978	733,331	1,316,219	13,370,213
2028	1	4,917	60,003	1,358,624	13,361,250
2029	1	62,228	641,282	1,412,823	13,879,875
2030	2	60,770	674,354	1,482,587	14,383,511
2031	0	0	0	1,539,098	14,167,365
2032	1	6,072	77,798	1,554,489	13,968,945
2033	4	99,832	1,066,799	1,625,265	14,703,318
2034	2	92,208	1,007,301	1,693,754	15,337,607
2035	1	37,360	463,291	1,767,593	15,386,401

TABLE IV-4

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

DIVISION B

METRO GENERAL GOVERNMENT

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	263	4,968,508	50,892,467	2,462,600	50,892,467
2017	222	4,438,851	47,424,019	7,414,974	98,881,716
2018	246	4,673,006	51,202,383	12,319,755	151,147,698
2019	270	5,718,183	62,063,527	18,030,852	214,744,175
2020	237	4,573,815	49,890,521	23,632,091	266,551,215
2021	248	4,866,317	52,625,560	29,090,051	321,019,517
2022	285	5,119,414	54,932,007	34,894,025	377,497,203
2023	238	4,505,908	48,777,384	40,336,791	427,276,462
2024	265	5,440,593	58,734,630	46,282,473	486,160,425
2025	241	4,645,395	49,563,502	52,418,981	534,948,779
2026	279	5,414,438	58,313,908	58,570,397	591,096,643
2027	270	5,044,476	53,903,295	64,559,138	641,411,796
2028	259	4,958,477	52,773,993	70,698,210	688,822,788
2029	258	5,009,875	52,909,608	76,636,598	734,345,177
2030	254	4,770,133	50,091,636	82,324,657	774,796,163
2031	256	5,182,274	54,902,343	87,983,228	817,562,619
2032	240	4,871,270	52,392,232	93,525,802	855,298,641
2033	219	4,254,972	45,726,187	98,716,768	883,761,691
2034	247	5,132,078	54,869,314	103,766,459	918,571,301
2035	259	5,453,929	58,156,365	108,644,566	953,969,396

TABLE IV-5

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

DIVISION B

METRO FIRE AND POLICE

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	221	8,451,007	96,674,261	4,207,336	96,674,261
2017	46	1,591,593	19,450,450	9,440,378	118,227,725
2018	53	1,703,539	20,627,297	11,554,366	141,126,493
2019	61	2,403,719	28,930,328	14,035,179	172,437,213
2020	56	2,348,124	28,216,786	16,931,475	203,267,770
2021	85	3,570,325	42,601,466	20,440,496	248,580,132
2022	72	3,039,683	36,688,005	24,430,722	288,311,307
2023	58	2,416,404	29,510,030	28,044,086	320,914,954
2024	93	4,038,356	47,715,724	32,223,143	371,467,179
2025	97	4,122,414	48,414,197	36,861,333	422,703,623
2026	95	4,274,305	51,055,943	42,371,056	476,363,451
2027	103	4,913,829	57,750,026	47,941,814	536,438,169
2028	77	3,578,184	42,313,647	53,368,113	580,683,737
2029	91	4,472,743	51,975,041	58,763,372	633,614,112
2030	87	4,297,098	50,196,709	64,402,443	683,772,829
2031	102	5,136,604	59,606,233	70,388,492	742,119,335
2032	109	5,401,546	62,726,130	76,785,491	802,355,039
2033	81	4,150,601	49,161,160	83,081,367	847,646,127
2034	102	5,211,680	60,757,400	88,888,046	902,700,705
2035	113	5,785,031	67,332,650	95,428,902	962,545,469

TABLE IV-6

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

DIVISION B

METRO TOTALS

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	484	13,419,515	147,566,728	6,669,936	147,566,728
2017	268	6,030,444	66,874,469	16,855,352	217,109,441
2018	299	6,376,545	71,829,680	23,874,121	292,274,191
2019	331	8,121,902	90,993,855	32,066,031	387,181,388
2020	293	6,921,939	78,107,307	40,563,566	469,818,985
2021	333	8,436,642	95,227,026	49,530,547	569,599,649
2022	357	8,159,097	91,620,012	59,324,747	665,808,510
2023	296	6,922,312	78,287,414	68,380,877	748,191,416
2024	358	9,478,949	106,450,354	78,505,616	857,627,604
2025	338	8,767,809	97,977,699	89,280,314	957,652,402
2026	374	9,688,743	109,369,851	100,941,453	1,067,460,094
2027	373	9,958,305	111,653,321	112,500,952	1,177,849,965
2028	336	8,536,661	95,087,640	124,066,323	1,269,506,525
2029	349	9,482,618	104,884,649	135,399,970	1,367,959,289
2030	341	9,067,231	100,288,345	146,727,100	1,458,568,992
2031	358	10,318,878	114,508,576	158,371,720	1,559,681,954
2032	349	10,272,816	115,118,362	170,311,293	1,657,653,680
2033	300	8,405,573	94,887,347	181,798,135	1,731,407,818
2034	349	10,343,758	115,626,714	192,654,505	1,821,272,006
2035	372	11,238,960	125,489,015	204,073,468	1,916,514,865

TABLE IV-7

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

COMBINED

METRO GENERAL GOVERNMENT

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	273	5,080,280	52,150,043	2,518,238	52,150,043
2017	224	4,457,112	47,638,006	7,538,188	100,378,663
2018	247	4,690,733	51,418,707	12,464,413	152,886,407
2019	272	5,726,848	62,163,635	18,199,199	216,608,339
2020	241	4,613,369	50,374,787	23,837,168	268,920,310
2021	253	4,903,340	53,056,481	29,330,131	323,846,108
2022	287	5,136,250	55,115,405	35,171,601	380,534,516
2023	240	4,523,182	48,996,196	40,633,147	430,551,916
2024	265	5,440,593	58,734,630	46,598,822	489,449,745
2025	246	4,722,967	50,446,433	52,790,081	539,121,899
2026	280	5,430,885	58,478,965	58,992,578	595,441,263
2027	274	5,112,454	54,636,626	65,046,392	646,480,896
2028	260	4,963,394	52,833,996	71,213,273	693,937,118
2029	258	5,009,875	52,909,608	77,162,818	739,425,348
2030	255	4,783,485	50,229,312	82,862,362	779,958,626
2031	256	5,182,274	54,902,343	88,535,527	822,650,240
2032	241	4,877,342	52,470,030	94,086,451	860,367,851
2033	223	4,354,804	46,792,986	99,344,792	889,783,143
2034	248	5,170,287	55,252,768	104,436,579	924,857,674
2035	259	5,453,929	58,156,365	109,351,676	960,116,503

TABLE IV-8

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

COMBINED

METRO FIRE AND POLICE

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	227	8,714,716	99,744,835	4,338,680	99,744,835
2017	46	1,591,593	19,450,450	9,713,777	121,370,069
2018	53	1,703,539	20,627,297	11,838,046	144,329,364
2019	61	2,403,719	28,930,328	14,328,652	175,688,870
2020	57	2,389,853	28,726,057	17,258,460	207,065,273
2021	88	3,690,859	44,006,836	20,911,845	253,820,971
2022	74	3,127,981	37,746,697	24,945,266	294,667,192
2023	59	2,480,961	30,225,039	28,660,299	328,049,491
2024	95	4,133,554	48,789,763	32,925,471	379,728,389
2025	97	4,122,414	48,414,197	37,654,522	431,011,323
2026	95	4,274,305	51,055,943	43,183,160	484,684,672
2027	103	4,913,829	57,750,026	48,770,779	544,739,282
2028	77	3,578,184	42,313,647	54,211,674	588,930,657
2029	92	4,534,971	52,616,323	59,649,975	642,413,816
2030	88	4,344,516	50,733,387	65,347,325	692,993,877
2031	102	5,136,604	59,606,233	71,375,291	751,199,079
2032	109	5,401,546	62,726,130	77,779,331	811,254,774
2033	81	4,150,601	49,161,160	84,078,608	856,327,993
2034	103	5,265,679	61,381,247	89,911,680	911,751,939
2035	114	5,822,391	67,795,941	96,489,385	971,784,763

TABLE IV-9

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

ACTIVE LIVES

COMBINED

METRO TOTALS

Calendar Year	Number Retiring	Emerging Benefits	Emerging Liability	Total Payout	Total Liability
2016	500	13,794,996	151,894,878	6,856,918	151,894,878
2017	270	6,048,705	67,088,456	17,251,965	221,748,732
2018	300	6,394,272	72,046,004	24,302,459	297,215,771
2019	333	8,130,567	91,093,963	32,527,851	392,297,209
2020	298	7,003,222	79,100,844	41,095,628	475,985,583
2021	341	8,594,199	97,063,317	50,241,976	577,667,079
2022	361	8,264,231	92,862,102	60,116,867	675,201,708
2023	299	7,004,143	79,221,235	69,293,446	758,601,407
2024	360	9,574,147	107,524,393	79,524,293	869,178,134
2025	343	8,845,381	98,860,630	90,444,603	970,133,222
2026	375	9,705,190	109,534,908	102,175,738	1,080,125,935
2027	377	10,026,283	112,386,652	113,817,171	1,191,220,178
2028	337	8,541,578	95,147,643	125,424,947	1,282,867,775
2029	350	9,544,846	105,525,931	136,812,793	1,381,839,164
2030	343	9,128,001	100,962,699	148,209,687	1,472,952,503
2031	358	10,318,878	114,508,576	159,910,818	1,573,849,319
2032	350	10,278,888	115,196,160	171,865,782	1,671,622,625
2033	304	8,505,405	95,954,146	183,423,400	1,746,111,136
2034	351	10,435,966	116,634,015	194,348,259	1,836,609,613
2035	373	11,276,320	125,952,306	205,841,061	1,931,901,266

TABLE V-1

DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS

DIVISION A

METRO DISABLED RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	1	14,094	14,094	1	16,331	16,331	2	30,425	15,212
21-25	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0
31-35	0	0	0	0	0	0	0	0	0
36-40	0	0	0	0	0	0	0	0	0
41-45	0	0	0	0	0	0	0	0	0
46-50	2	14,647	7,323	4	49,033	25,272	6	63,680	21,226
51-55	5	48,059	9,611	13	150,810	22,720	18	198,869	23,346
56-60	19	368,246	19,381	16	224,658	30,857	35	592,904	37,084
61-65	28	407,556	14,555	31	313,284	18,324	59	720,840	24,530
66-70	3	22,284	7,428	21	242,145	11,530	24	264,429	11,017
71-75	2	12,486	6,243	13	118,889	9,145	15	131,375	8,758
76-80	4	28,018	7,004	17	191,552	11,267	21	219,570	10,455
81-85	2	10,727	5,363	14	127,512	9,108	16	138,239	8,639
86-90	1	3,949	3,949	12	56,272	4,689	13	60,221	4,632
TOTAL	67	930,066	13,882	142	1,490,486	10,496	209	2,420,552	11,582

TABLE V-2
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION A
METRO GENERAL GOVERNMENT RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0
31-35	0	0	0	1	11,103	11,103	1	11,103	11,103
36-40	1	11,125	11,125	0	0	0	1	11,125	11,125
41-45	0	0	0	0	0	0	0	0	0
46-50	2	20,009	10,004	2	11,049	5,524	4	31,058	7,764
51-55	0	0	0	4	40,751	10,187	4	40,751	10,187
56-60	2	11,742	5,871	14	84,027	17,983	16	95,769	18,004
61-65	10	92,786	17,377	20	166,299	27,119	30	259,085	25,754
66-70	44	533,195	26,505	54	531,794	28,531	98	1,064,989	28,847
71-75	34	407,808	29,875	82	638,695	23,194	116	1,046,503	26,001
76-80	38	439,068	23,932	112	747,382	19,608	150	1,186,450	22,202
81-85	45	337,183	18,539	128	707,460	16,539	173	1,044,643	17,492
86-90	90	666,784	19,178	279	1,547,750	16,338	369	2,214,534	17,426
TOTAL	266	2,519,700	9,473	696	4,486,310	6,446	962	7,006,010	7,283

TABLE V-3

DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS

DIVISION A

METRO FIRE AND POLICE RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	1	1,780	1,780	0	0	0	1	1,780	1,780
21-25	0	0	0	1	10,373	10,373	1	10,373	10,373
26-30	0	0	0	0	0	0	0	0	0
31-35	0	0	0	0	0	0	0	0	0
36-40	0	0	0	0	0	0	0	0	0
41-45	0	0	0	0	0	0	0	0	0
46-50	0	0	0	1	13,622	13,622	1	13,622	13,622
51-55	0	0	0	1	18,864	18,864	1	18,864	18,864
56-60	5	172,010	69,435	4	38,940	19,470	9	210,950	72,966
61-65	40	1,010,969	56,529	11	185,405	50,991	51	1,196,374	64,912
66-70	60	1,205,515	53,273	12	163,962	47,310	72	1,369,477	55,161
71-75	31	604,121	39,700	17	211,423	21,637	48	815,544	48,288
76-80	12	193,090	32,181	13	120,339	14,879	25	313,429	39,848
81-85	13	165,194	24,489	7	70,628	10,089	20	235,822	34,578
86-90	3	16,081	5,360	1	4,765	4,765	4	20,846	10,125
TOTAL	165	3,368,760	20,417	68	838,321	12,328	233	4,207,081	18,056

TABLE V-4

DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS

DIVISION A

METRO TOTALS - RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	2	15,874	7,937	1	16,331	16,331	3	32,205	10,735
21-25	0	0	0	1	10,373	10,373	1	10,373	10,373
26-30	0	0	0	0	0	0	0	0	0
31-35	0	0	0	1	11,103	11,103	1	11,103	11,103
36-40	1	11,125	11,125	0	0	0	1	11,125	11,125
41-45	0	0	0	0	0	0	0	0	0
46-50	4	34,656	8,664	7	73,704	10,529	11	108,360	9,851
51-55	5	48,059	9,612	18	210,425	11,690	23	258,484	11,238
56-60	26	551,998	21,231	34	347,625	10,224	60	899,623	14,994
61-65	78	1,511,311	19,376	62	664,988	10,726	140	2,176,299	15,545
66-70	107	1,760,994	16,458	87	937,901	10,780	194	2,698,895	13,912
71-75	67	1,024,415	15,290	112	969,007	8,652	179	1,993,422	11,136
76-80	54	660,176	12,225	142	1,059,273	7,460	196	1,719,449	8,773
81-85	60	513,104	8,552	149	905,600	6,078	209	1,418,704	6,788
86-90	94	686,814	7,307	292	1,608,787	5,510	386	2,295,601	5,947
TOTAL	498	6,818,526	13,692	906	6,815,117	7,522	1,404	13,633,643	9,711

TABLE V-5

DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS

DIVISION B

METRO DISABLED RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	3	32,200	10,733	1	8,313	8,313	4	40,513	10,128
21-25	0	0	0	2	22,069	11,034	2	22,069	11,034
26-30	1	15,147	15,147	0	0	0	1	15,147	15,147
31-35	3	85,569	28,523	0	0	0	3	85,569	28,523
36-40	9	255,781	28,420	9	137,171	24,683	18	392,952	30,791
41-45	23	579,827	25,209	13	170,093	13,084	36	749,920	20,831
46-50	42	1,118,687	32,410	42	655,136	29,395	84	1,773,823	34,376
51-55	54	856,538	21,767	75	924,370	24,144	129	1,780,908	24,985
56-60	65	846,290	22,417	80	969,214	24,624	145	1,815,504	24,349
61-65	28	295,413	20,040	41	448,021	22,601	69	743,434	21,629
66-70	5	52,837	10,567	12	169,405	29,047	17	222,242	27,963
71-75	8	58,597	7,324	9	112,187	12,465	17	170,784	10,046
76-80	1	5,050	5,050	3	35,614	11,871	4	40,664	10,166
81-85	1	6,002	6,002	0	0	0	1	6,002	6,002
86-90	0	0	0	0	0	0	0	0	0
TOTAL	243	4,207,938	17,317	287	3,651,593	12,723	530	7,859,531	14,829

TABLE V-6
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION B
METRO GENERAL GOVERNMENT RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	2	3,242	1,621	1	5,679	5,679	3	8,921	2,973
21-25	0	0	0	1	4,007	4,007	1	4,007	4,007
26-30	2	16,852	8,426	2	29,378	14,689	4	46,230	11,557
31-35	2	22,374	11,187	2	9,692	4,846	4	32,066	8,016
36-40	2	28,320	14,160	3	30,245	10,081	5	58,565	11,713
41-45	2	18,401	9,200	4	23,351	5,837	6	41,752	6,958
46-50	15	225,587	23,979	17	192,499	24,178	32	418,086	25,212
51-55	52	1,021,034	60,603	65	691,211	34,226	117	1,712,245	46,944
56-60	201	3,797,552	49,215	274	3,970,665	43,544	475	7,768,217	47,602
61-65	456	8,746,778	47,990	687	10,014,864	43,286	1,143	18,761,642	45,576
66-70	646	11,506,172	42,194	827	10,377,010	37,021	1,473	21,883,182	39,771
71-75	361	6,214,608	39,081	631	7,500,606	33,548	992	13,715,214	36,404
76-80	275	4,390,613	34,413	475	4,912,254	29,332	750	9,302,867	31,445
81-85	129	1,955,751	31,452	261	2,597,561	24,715	390	4,553,312	26,974
86-90	27	408,999	24,090	73	764,257	20,731	100	1,173,256	22,123
TOTAL	2,172	38,356,283	17,659	3,323	41,123,279	12,375	5,495	79,479,562	14,464

TABLE V-7

DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS

DIVISION B

METRO FIRE AND POLICE RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	4	51,054	12,763	2	20,015	10,007	6	71,069	11,844
21-25	0	0	0	2	31,422	15,711	2	31,422	15,711
26-30	0	0	0	0	0	0	0	0	0
31-35	0	0	0	4	75,441	18,860	4	75,441	18,860
36-40	1	4,805	4,805	6	71,770	11,961	7	76,575	10,939
41-45	1	9,586	9,586	3	33,138	11,046	4	42,724	10,681
46-50	13	221,296	51,760	8	126,215	43,351	21	347,511	50,085
51-55	84	2,242,757	64,851	31	672,268	68,549	115	2,915,025	68,926
56-60	188	5,589,327	61,861	50	1,259,574	79,865	238	6,848,901	74,145
61-65	277	8,681,718	66,751	51	1,147,409	64,220	328	9,829,127	71,510
66-70	233	7,006,087	62,777	35	853,005	50,348	268	7,859,092	73,296
71-75	128	3,737,979	38,986	29	662,731	47,804	157	4,400,710	50,711
76-80	46	1,426,453	42,060	16	405,903	46,072	62	1,832,356	55,577
81-85	5	214,184	42,836	5	76,114	15,222	10	290,298	58,058
86-90	2	87,162	43,581	1	22,742	22,742	3	109,904	66,323
TOTAL	982	29,272,408	29,809	243	5,457,747	22,460	1,225	34,730,155	28,351

TABLE V-8
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION B
METRO TOTALS - RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	9	86,496	9,611	4	34,007	8,502	13	120,503	9,269
21-25	0	0	0	5	57,498	11,500	5	57,498	11,500
26-30	3	31,999	10,666	2	29,378	14,689	5	61,377	12,275
31-35	5	107,943	21,589	6	85,133	14,189	11	193,076	17,552
36-40	12	288,906	24,076	18	239,186	13,288	30	528,092	17,603
41-45	26	607,814	23,377	20	226,582	11,329	46	834,396	18,139
46-50	70	1,565,570	22,365	67	973,850	14,535	137	2,539,420	18,536
51-55	190	4,120,329	21,686	171	2,287,849	13,379	361	6,408,178	17,751
56-60	454	10,233,169	22,540	404	6,199,453	15,345	858	16,432,622	19,152
61-65	761	17,723,909	23,290	779	11,610,294	14,904	1,540	29,334,203	19,048
66-70	884	18,565,096	21,001	874	11,399,420	13,043	1,758	29,964,516	17,045
71-75	497	10,011,184	20,143	669	8,275,524	12,370	1,166	18,286,708	15,683
76-80	322	5,822,116	18,081	494	5,353,771	10,838	816	11,175,887	13,696
81-85	135	2,175,937	16,118	266	2,673,675	10,051	401	4,849,612	12,094
86-90	29	496,161	17,109	74	786,999	10,635	103	1,283,160	12,458
TOTAL	3,397	71,836,629	21,147	3,853	50,232,619	13,037	7,250	122,069,248	16,837

TABLE V-9
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
COMBINED
METRO DISABLED RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	4	46,294	11,574	2	24,644	12,322	6	70,938	11,823
21-25	0	0	0	2	22,069	11,035	2	22,069	11,035
26-30	1	15,147	15,147	0	0	0	1	15,147	15,147
31-35	3	85,569	28,523	0	0	0	3	85,569	28,523
36-40	9	255,781	28,420	9	137,171	15,241	18	392,952	21,831
41-45	23	579,827	25,210	13	170,093	13,084	36	749,920	20,831
46-50	44	1,133,334	25,758	46	704,169	15,308	90	1,837,503	20,417
51-55	59	904,597	15,332	88	1,075,180	12,218	147	1,979,777	13,468
56-60	84	1,214,536	14,459	96	1,193,872	12,436	180	2,408,408	13,380
61-65	56	702,969	12,553	72	761,305	10,574	128	1,464,274	11,440
66-70	8	75,121	9,390	33	411,550	12,471	41	486,671	11,870
71-75	10	71,083	7,108	22	231,076	10,503	32	302,159	9,442
76-80	5	33,068	6,614	20	227,166	11,358	25	260,234	10,409
81-85	3	16,729	5,576	14	127,512	9,108	17	144,241	8,485
86-90	1	3,949	3,949	12	56,272	4,689	13	60,221	4,632
TOTAL	310	5,138,004	16,574	429	5,142,079	11,986	739	10,280,083	13,911

TABLE V-10
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
COMBINED
METRO GENERAL GOVERNMENT RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	2	3,242	1,621	1	5,679	5,679	3	8,921	2,974
21-25	0	0	0	1	4,007	4,007	1	4,007	4,007
26-30	2	16,852	8,426	2	29,378	14,689	4	46,230	11,558
31-35	2	22,374	11,187	3	20,795	6,932	5	43,169	8,634
36-40	3	39,445	13,148	3	30,245	10,082	6	69,690	11,615
41-45	2	18,401	9,201	4	23,351	5,838	6	41,752	6,959
46-50	17	245,596	14,447	19	203,548	10,713	36	449,144	12,476
51-55	52	1,021,034	19,635	69	731,962	10,608	121	1,752,996	14,488
56-60	203	3,809,294	18,765	288	4,054,692	14,079	491	7,863,986	16,016
61-65	466	8,839,564	18,969	707	10,181,163	14,401	1,173	19,020,727	16,215
66-70	690	12,039,367	17,448	881	10,908,804	12,382	1,571	22,948,171	14,607
71-75	395	6,622,416	16,766	713	8,139,301	11,416	1,108	14,761,717	13,323
76-80	313	4,829,681	15,430	587	5,659,636	9,642	900	10,489,317	11,655
81-85	174	2,292,934	13,178	389	3,305,021	8,496	563	5,597,955	9,943
86-90	117	1,075,783	9,195	352	2,312,007	6,568	469	3,387,790	7,223
TOTAL	2,438	40,875,983	16,766	4,019	45,609,589	11,348	6,457	86,485,572	13,394

TABLE V-11
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
COMBINED
METRO FIRE AND POLICE RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	5	52,834	10,567	2	20,015	10,008	7	72,849	10,407
21-25	0	0	0	3	41,795	13,932	3	41,795	13,932
26-30	0	0	0	0	0	0	0	0	0
31-35	0	0	0	4	75,441	18,860	4	75,441	18,860
36-40	1	4,805	4,805	6	71,770	11,962	7	76,575	10,939
41-45	1	9,586	9,586	3	33,138	11,046	4	42,724	10,681
46-50	13	221,296	17,023	9	139,837	15,537	22	361,133	16,415
51-55	84	2,242,757	26,699	32	691,132	21,598	116	2,933,889	25,292
56-60	193	5,761,337	29,851	54	1,298,514	24,047	247	7,059,851	28,582
61-65	317	9,692,687	30,576	62	1,332,814	21,497	379	11,025,501	29,091
66-70	293	8,211,602	28,026	47	1,016,967	21,638	340	9,228,569	27,143
71-75	159	4,342,100	27,309	46	874,154	19,003	205	5,216,254	25,445
76-80	58	1,619,543	27,923	29	526,242	18,146	87	2,145,785	24,664
81-85	18	379,378	21,077	12	146,742	12,229	30	526,120	17,537
86-90	5	103,243	20,649	2	27,507	13,754	7	130,750	18,679
TOTAL	1,147	32,641,168	28,458	311	6,296,068	20,245	1,458	38,937,236	26,706

TABLE V-12
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
COMBINED
METRO TOTALS - RETIRED LIVES

AGE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	11	102,370	17,548	5	50,338	24,833	16	152,708	20,004
21-25	0	0	0	6	67,871	21,873	6	67,871	21,873
26-30	3	31,999	10,666	2	29,378	14,689	5	61,377	12,275
31-35	5	107,943	21,589	7	96,236	25,292	12	204,179	28,655
36-40	13	300,031	35,201	18	239,186	13,288	31	539,217	28,728
41-45	26	607,814	23,377	20	226,582	11,329	46	834,396	18,139
46-50	74	1,600,226	31,029	74	1,047,554	25,064	148	2,647,780	28,387
51-55	195	4,168,388	31,298	189	2,498,274	25,070	384	6,666,662	28,990
56-60	480	10,785,167	43,771	438	6,547,078	25,569	918	17,332,245	34,146
61-65	839	19,235,220	42,666	841	12,275,282	25,630	1,680	31,510,502	34,593
66-70	991	20,326,090	37,459	961	12,337,321	23,823	1,952	32,663,411	30,956
71-75	564	11,035,599	35,433	781	9,244,531	21,022	1,345	20,280,130	26,820
76-80	376	6,482,292	30,307	636	6,413,044	18,297	1,012	12,895,336	22,469
81-85	195	2,689,041	24,670	415	3,579,275	16,129	610	6,268,316	18,882
86-90	123	1,182,975	24,416	366	2,395,786	16,145	489	3,578,761	18,405
TOTAL	3,895	78,655,155	20,194	4,759	57,047,736	11,987	8,654	135,702,891	15,681

TABLE VI-1

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION A

METRO DISABLED RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	2	45,138	22,569	1	13,392	13,392	3	58,530	19,510
1	0	0	0	1	14,038	14,038	1	14,038	14,038
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	1	43,244	43,244	2	15,297	15,297	3	58,541	34,337
0-4	3	88,382	29,460	4	42,727	21,363	7	131,109	33,472
5-9	5	143,548	52,384	12	122,044	18,344	17	265,592	32,604
10-14	3	28,127	16,437	21	290,451	22,415	24	318,578	23,309
15-19	6	44,720	17,373	31	384,914	26,942	37	429,634	24,913
20-24	39	529,742	21,033	33	388,902	22,922	72	918,644	25,002
25-29	9	76,292	16,267	24	193,010	13,634	33	269,302	15,955
30-34	2	19,255	9,627	11	47,390	4,308	13	66,645	13,935
35-39	0	0	0	6	21,048	3,508	6	21,048	3,508
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	67	930,066	13,882	142	1,490,486	10,496	209	2,420,552	23,661

TABLE VI-2

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION A

METRO GENERAL GOVERNMENT RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	4	40,761	16,468	15	102,804	24,854	19	143,565	26,808
1	8	49,165	11,682	11	64,112	11,556	19	113,277	12,218
2	5	41,357	15,911	7	47,018	14,368	12	88,375	15,145
3	4	18,883	8,122	12	137,882	22,510	16	156,765	19,140
4	5	47,713	14,148	12	102,925	18,061	17	150,638	17,391
0-4	26	197,879	13,537	57	454,741	27,183	83	652,620	26,506
5-9	14	105,847	19,537	53	359,205	40,547	67	465,052	29,562
10-14	12	103,855	28,943	76	488,491	18,184	88	592,346	20,734
15-19	5	60,322	35,285	43	253,402	17,689	48	313,724	21,270
20-24	99	977,397	24,375	251	1,716,920	20,928	350	2,694,317	22,743
25-29	85	921,171	23,242	166	1,000,390	17,879	251	1,921,561	20,937
30-34	12	93,205	14,615	30	137,495	17,727	42	230,700	19,459
35-39	9	46,400	12,395	10	42,729	7,676	19	89,129	8,837
40-44	4	13,624	3,406	9	30,078	5,453	13	43,702	5,297
45-49	0	0	0	1	2,859	2,859	1	2,859	2,859
TOTAL	266	2,519,700	9,473	696	4,486,310	6,446	962	7,006,010	7,283

TABLE VI-3

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION A

METRO FIRE AND POLICE RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	1	7,755	7,755	7	86,548	12,364	8	94,303	11,787
1	2	47,422	23,711	5	56,364	23,442	7	103,786	30,936
2	2	79,803	39,901	3	24,792	14,084	5	104,595	38,433
3	8	264,254	33,031	5	50,383	18,224	13	314,637	40,914
4	3	96,023	65,332	9	90,435	16,175	12	186,458	67,566
0-4	16	495,257	74,744	29	308,522	18,413	45	803,779	72,459
5-9	17	511,290	72,770	18	232,238	42,256	35	743,528	69,941
10-14	13	315,976	52,147	8	117,524	29,380	21	433,500	59,779
15-19	7	162,593	33,631	5	92,056	51,680	12	254,649	48,865
20-24	53	1,052,077	37,261	4	56,632	33,512	57	1,108,709	41,278
25-29	42	671,562	26,521	3	26,057	26,057	45	697,619	28,844
30-34	15	151,600	15,061	0	0	0	15	151,600	15,061
35-39	0	0	0	0	0	0	0	0	0
40-44	2	8,405	8,405	1	5,292	5,292	3	13,697	9,248
45-49	0	0	0	0	0	0	0	0	0
TOTAL	165	3,368,760	20,417	68	838,321	12,328	233	4,207,081	18,056

TABLE VI-4

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION A

METRO TOTALS - RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	7	93,654	13,379	23	202,744	8,815	30	296,398	9,880
1	10	96,587	9,659	17	134,514	7,913	27	231,101	8,559
2	7	121,160	17,309	10	71,810	7,181	17	192,970	11,351
3	12	283,137	23,595	17	188,265	11,074	29	471,402	16,255
4	9	186,980	20,776	23	208,657	9,072	32	395,637	12,364
0-4	45	781,518	17,367	90	805,990	8,955	135	1,587,508	11,759
5-9	36	760,685	21,130	83	713,487	8,596	119	1,474,172	12,388
10-14	28	447,958	15,999	105	896,466	8,538	133	1,344,424	10,108
15-19	18	267,635	14,869	79	730,372	9,245	97	998,007	10,289
20-24	191	2,559,216	13,399	288	2,162,454	7,509	479	4,721,670	9,857
25-29	136	1,669,025	12,272	193	1,219,457	6,318	329	2,888,482	8,780
30-34	29	264,060	9,106	41	184,885	4,509	70	448,945	6,414
35-39	9	46,400	5,156	16	63,777	3,986	25	110,177	4,407
40-44	6	22,029	3,672	10	35,370	3,537	16	57,399	3,587
45-49	0	0	0	1	2,859	2,859	1	2,859	2,859
TOTAL	498	6,818,526	13,692	906	6,815,117	7,522	1,404	13,633,643	9,711

TABLE VI-5

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION B

METRO DISABLED RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	23	532,254	31,622	27	474,949	35,258	50	1,007,203	35,778
1	23	498,155	33,757	24	341,982	27,262	47	840,137	31,214
2	19	402,414	21,179	20	250,917	22,990	39	653,331	27,309
3	18	327,635	29,416	27	288,123	19,882	45	615,758	23,569
4	30	644,146	30,282	19	229,514	25,174	49	873,660	27,975
0-4	113	2,404,604	31,324	117	1,585,485	25,462	230	3,990,089	29,006
5-9	70	1,078,452	25,767	101	1,319,009	26,410	171	2,397,461	26,536
10-14	35	419,919	21,550	51	564,166	22,827	86	984,085	23,045
15-19	24	288,002	19,066	16	159,541	19,832	40	447,543	21,159
20-24	1	16,961	16,961	2	23,392	23,392	3	40,353	27,994
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	243	4,207,938	17,317	287	3,651,593	12,723	530	7,859,531	14,829

TABLE VI-6

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION B

METRO GENERAL GOVERNMENT RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	145	2,399,343	32,149	220	2,672,241	39,308	365	5,071,584	33,592
1	132	2,255,560	25,651	200	2,524,550	34,178	332	4,780,110	35,743
2	127	2,185,703	26,195	223	2,860,858	32,028	350	5,046,561	32,742
3	241	5,069,496	55,134	399	5,945,164	33,150	640	11,014,660	38,613
4	131	2,207,048	42,166	182	2,619,194	40,043	313	4,826,242	41,316
0-4	776	14,117,150	41,455	1,224	16,622,007	36,162	2,000	30,739,157	38,422
5-9	613	10,176,091	43,401	780	9,932,112	38,148	1,393	20,108,203	40,581
10-14	394	7,383,006	44,884	729	8,748,825	36,510	1,123	16,131,831	40,338
15-19	338	5,946,415	39,835	507	5,045,324	32,735	845	10,991,739	36,834
20-24	50	729,251	28,683	83	775,011	29,572	133	1,504,262	32,425
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	1	4,370	4,370	0	0	0	1	4,370	4,370
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	2,172	38,356,283	17,659	3,323	41,123,279	12,375	5,495	79,479,562	14,464

TABLE VI-7

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION B

METRO FIRE AND POLICE RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	58	1,717,166	70,328	23	496,090	44,339	81	2,213,256	75,611
1	51	1,567,072	36,116	16	359,115	70,876	67	1,926,187	77,258
2	36	1,051,365	41,383	21	548,500	53,441	57	1,599,865	53,926
3	143	4,710,392	40,480	27	705,686	83,166	170	5,416,078	83,130
4	80	2,501,540	74,803	16	402,326	25,145	96	2,903,866	83,737
0-4	368	11,547,535	71,626	103	2,511,717	79,636	471	14,059,252	81,351
5-9	258	7,859,864	68,766	79	1,753,427	84,335	337	9,613,291	77,296
10-14	249	6,971,851	63,730	43	822,730	64,300	292	7,794,581	66,167
15-19	107	2,893,158	57,905	18	369,873	64,654	125	3,263,031	65,987
20-24	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	982	29,272,408	29,809	243	5,457,747	22,460	1,225	34,730,155	28,351

TABLE VI-8

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION B

METRO TOTALS - RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	226	4,648,763	20,570	270	3,643,280	13,494	496	8,292,043	16,718
1	206	4,320,787	20,975	240	3,225,647	13,440	446	7,546,434	16,920
2	182	3,639,482	19,997	264	3,660,275	13,865	446	7,299,757	16,367
3	402	10,107,523	25,143	453	6,938,973	15,318	855	17,046,496	19,937
4	241	5,352,734	22,211	217	3,251,034	14,982	458	8,603,768	18,786
0-4	1,257	28,069,289	22,330	1,444	20,719,209	14,348	2,701	48,788,498	18,063
5-9	941	19,114,407	20,313	960	13,004,548	13,546	1,901	32,118,955	16,896
10-14	678	14,774,776	21,792	823	10,135,721	12,316	1,501	24,910,497	16,596
15-19	469	9,127,575	19,462	541	5,574,738	10,305	1,010	14,702,313	14,557
20-24	51	746,212	14,632	85	798,403	9,393	136	1,544,615	11,357
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	1	4,370	4,370	0	0	0	1	4,370	4,370
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	3,397	71,836,629	21,147	3,853	50,232,619	13,037	7,250	122,069,248	16,837

TABLE VI-9
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
COMBINED
METRO DISABLED RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	25	577,392	23,096	28	488,341	17,441	53	1,065,733	20,108
1	23	498,155	21,659	25	356,020	14,241	48	854,175	17,795
2	19	402,414	21,180	20	250,917	12,546	39	653,331	16,752
3	18	327,635	18,202	27	288,123	10,671	45	615,758	13,684
4	31	687,390	22,174	21	244,811	11,658	52	932,201	17,927
0-4	116	2,492,986	21,491	121	1,628,212	13,456	237	4,121,198	17,389
5-9	75	1,222,000	16,293	113	1,441,053	12,753	188	2,663,053	14,165
10-14	38	448,046	11,791	72	854,617	11,870	110	1,302,663	11,842
15-19	30	332,722	11,091	47	544,455	11,584	77	877,177	11,392
20-24	40	546,703	13,668	35	412,294	11,780	75	958,997	12,787
25-29	9	76,292	8,477	24	193,010	8,042	33	269,302	8,161
30-34	2	19,255	9,628	11	47,390	4,308	13	66,645	5,127
35-39	0	0	0	6	21,048	3,508	6	21,048	3,508
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	310	5,138,004	16,574	429	5,142,079	11,986	739	10,280,083	13,911

TABLE VI-10
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
COMBINED
METRO GENERAL GOVERNMENT RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	149	2,440,104	16,377	235	2,775,045	11,809	384	5,215,149	13,581
1	140	2,304,725	16,462	211	2,588,662	12,269	351	4,893,387	13,941
2	132	2,227,060	16,872	230	2,907,876	12,643	362	5,134,936	14,185
3	245	5,088,379	20,769	411	6,083,046	14,801	656	11,171,425	17,030
4	136	2,254,761	16,579	194	2,722,119	14,032	330	4,976,880	15,081
0-4	802	14,315,029	17,849	1,281	17,076,748	13,331	2,083	31,391,777	15,070
5-9	627	10,281,938	16,399	833	10,291,317	12,355	1,460	20,573,255	14,091
10-14	406	7,486,861	18,441	805	9,237,316	11,475	1,211	16,724,177	13,810
15-19	343	6,006,737	17,512	550	5,298,726	9,634	893	11,305,463	12,660
20-24	149	1,706,648	11,454	334	2,491,931	7,461	483	4,198,579	8,693
25-29	85	921,171	10,837	166	1,000,390	6,026	251	1,921,561	7,656
30-34	12	93,205	7,767	30	137,495	4,583	42	230,700	5,493
35-39	10	50,770	5,077	10	42,729	4,273	20	93,499	4,675
40-44	4	13,624	3,406	9	30,078	3,342	13	43,702	3,362
45-49	0	0	0	1	2,859	2,859	1	2,859	2,859
TOTAL	2,438	40,875,983	16,766	4,019	45,609,589	11,348	6,457	86,485,572	13,394

TABLE VI-11

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

COMBINED

METRO FIRE AND POLICE RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	59	1,724,921	29,236	30	582,638	19,421	89	2,307,559	25,928
1	53	1,614,494	30,462	21	415,479	19,785	74	2,029,973	27,432
2	38	1,131,168	29,768	24	573,292	23,887	62	1,704,460	27,491
3	151	4,974,646	32,945	32	756,069	23,627	183	5,730,715	31,315
4	83	2,597,563	31,296	25	492,761	19,710	108	3,090,324	28,614
0-4	384	12,042,792	31,361	132	2,820,239	21,365	516	14,863,031	28,804
5-9	275	8,371,154	30,441	97	1,985,665	20,471	372	10,356,819	27,841
10-14	262	7,287,827	27,816	51	940,254	18,436	313	8,228,081	26,288
15-19	114	3,055,751	26,805	23	461,929	20,084	137	3,517,680	25,676
20-24	53	1,052,077	19,851	4	56,632	14,158	57	1,108,709	19,451
25-29	42	671,562	15,990	3	26,057	8,686	45	697,619	15,503
30-34	15	151,600	10,107	0	0	0	15	151,600	10,107
35-39	0	0	0	0	0	0	0	0	0
40-44	2	8,405	4,203	1	5,292	5,292	3	13,697	4,566
45-49	0	0	0	0	0	0	0	0	0
TOTAL	1,147	32,641,168	28,458	311	6,296,068	20,245	1,458	38,937,236	26,706

TABLE VI-12
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
COMBINED
METRO TOTALS - RETIRED LIVES

SERVICE GROUP	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	233	4,742,417	33,949	293	3,846,024	22,309	526	8,588,441	26,598
1	216	4,417,374	30,633	257	3,360,161	21,353	473	7,777,535	25,480
2	189	3,760,642	37,306	274	3,732,085	21,046	463	7,492,727	27,718
3	414	10,390,660	48,738	470	7,127,238	26,392	884	17,517,898	36,193
4	250	5,539,714	42,986	240	3,459,691	24,054	490	8,999,405	31,149
0-4	1,302	28,850,807	39,697	1,534	21,525,199	23,304	2,836	50,376,006	29,822
5-9	977	19,875,092	41,443	1,043	13,718,035	22,143	2,020	33,593,127	29,284
10-14	706	15,222,734	37,790	928	11,032,187	20,853	1,634	26,254,921	26,704
15-19	487	9,395,210	34,330	620	6,305,110	19,550	1,107	15,700,320	24,845
20-24	242	3,305,428	28,031	373	2,960,857	16,901	615	6,266,285	21,215
25-29	136	1,669,025	12,272	193	1,219,457	6,318	329	2,888,482	8,780
30-34	29	264,060	9,106	41	184,885	4,509	70	448,945	6,414
35-39	10	50,770	9,526	16	63,777	3,986	26	114,547	8,777
40-44	6	22,029	3,672	10	35,370	3,537	16	57,399	3,587
45-49	0	0	0	1	2,859	2,859	1	2,859	2,859
TOTAL	3,895	78,655,155	20,194	4,759	57,047,736	11,987	8,654	135,702,891	15,681

TABLE VII-1
PROJECTION OF BENEFIT PAYOUT
DIVISION A
METRO DISABLED RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	211	2,420,553	24,842,777	1,199,151	24,842,777
2017	0	0	0	2,348,662	23,939,627
2018	0	0	0	2,296,638	23,026,180
2019	0	0	0	2,242,273	22,104,468
2020	0	0	0	2,185,682	21,176,613
2021	0	0	0	2,126,983	20,244,774
2022	0	0	0	2,066,307	19,311,137
2023	0	0	0	2,003,804	18,377,897
2024	0	0	0	1,939,623	17,447,241
2025	0	0	0	1,873,909	16,521,338
2026	0	0	0	1,806,799	15,602,351
2027	0	0	0	1,738,421	14,692,431
2028	0	0	0	1,668,895	13,793,729
2029	0	0	0	1,598,325	12,908,404
2030	0	0	0	1,526,792	12,038,642
2031	0	0	0	1,454,351	11,186,677
2032	0	0	0	1,381,039	10,354,833
2033	0	0	0	1,306,877	9,545,538
2034	0	0	0	1,231,922	8,761,365
2035	0	0	0	1,156,308	8,005,019

TABLE VII-2

PROJECTION OF BENEFIT PAYOUT

DIVISION A

METRO GENERAL GOVERNMENT RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	962	7,006,005	50,810,879	4,530,017	65,274,537
2017	0	0	0	8,489,676	60,420,245
2018	0	0	0	7,925,031	55,768,771
2019	0	0	0	7,372,784	51,339,364
2020	0	0	0	6,838,410	47,143,704
2021	0	0	0	6,326,085	43,186,831
2022	0	0	0	5,838,585	39,468,213
2023	0	0	0	5,377,393	35,983,099
2024	0	0	0	4,942,849	32,723,846
2025	0	0	0	4,534,427	29,681,163
2026	0	0	0	4,150,667	26,844,302
2027	0	0	0	3,790,834	24,204,981
2028	0	0	0	3,453,207	21,753,616
2029	0	0	0	3,136,143	19,481,582
2030	0	0	0	2,838,470	17,381,922
2031	0	0	0	2,558,575	15,446,872
2032	0	0	0	2,296,575	13,672,541
2033	0	0	0	2,052,213	12,053,901
2034	0	0	0	1,824,608	10,583,746
2035	0	0	0	1,614,254	9,257,635

TABLE VII-3
PROJECTION OF BENEFIT PAYOUT
DIVISION A
METRO FIRE AND POLICE RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	233	4,207,076	43,520,159	2,380,788	49,057,754
2017	0	0	0	4,766,514	47,954,564
2018	0	0	0	4,754,867	46,681,653
2019	0	0	0	4,726,161	45,248,388
2020	0	0	0	4,680,065	43,665,689
2021	0	0	0	4,616,361	41,945,927
2022	0	0	0	4,534,968	40,102,867
2023	0	0	0	4,435,918	38,151,596
2024	0	0	0	4,319,422	36,108,498
2025	0	0	0	4,185,963	33,991,147
2026	0	0	0	4,036,220	31,818,044
2027	0	0	0	3,871,052	29,608,446
2028	0	0	0	3,691,534	27,382,202
2029	0	0	0	3,499,008	25,159,528
2030	0	0	0	3,295,082	22,960,678
2031	0	0	0	3,081,636	20,805,614
2032	0	0	0	2,860,828	18,713,604
2033	0	0	0	2,635,086	16,702,772
2034	0	0	0	2,407,032	14,789,601
2035	0	0	0	2,179,398	12,988,541

TABLE VII-4
PROJECTION OF BENEFIT PAYOUT
DIVISION A
DEFERRED VESTED BENEFITS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	42	296,507	2,993,896	146,763	2,993,896
2017	3	18,577	182,301	304,966	3,149,598
2018	5	22,781	234,396	333,628	3,344,630
2019	2	10,341	85,805	351,634	3,380,291
2020	2	6,408	51,349	359,351	3,368,092
2021	0	0	0	364,366	3,291,526
2022	3	25,116	163,248	378,250	3,365,500
2023	2	8,433	50,600	392,279	3,314,281
2024	5	41,429	225,136	409,461	3,425,537
2025	3	19,447	106,853	437,361	3,406,222
2026	4	22,030	116,890	451,910	3,386,089
2027	1	28,392	145,191	474,883	3,384,573
2028	2	11,518	46,574	485,985	3,276,284
2029	3	19,258	82,127	496,781	3,194,922
2030	0	0	0	493,815	3,024,633
2031	1	2,905	12,098	483,022	2,860,623
2032	0	0	0	470,932	2,680,586
2033	0	0	0	455,365	2,498,210
2034	0	0	0	438,119	2,315,317
2035	0	0	0	419,342	2,133,727

TABLE VII-5

PROJECTION OF BENEFIT PAYOUT

DIVISION A

METRO TOTALS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	1,448	13,930,141	122,167,711	8,256,719	142,168,964
2017	3	18,577	182,301	15,909,818	135,464,034
2018	5	22,781	234,396	15,310,164	128,821,234
2019	2	10,341	85,805	14,692,852	122,072,511
2020	2	6,408	51,349	14,063,508	115,354,098
2021	0	0	0	13,433,795	108,669,058
2022	3	25,116	163,248	12,818,110	102,247,717
2023	2	8,433	50,600	12,209,394	95,826,873
2024	5	41,429	225,136	11,611,355	89,705,122
2025	3	19,447	106,853	11,031,660	83,599,870
2026	4	22,030	116,890	10,445,596	77,650,786
2027	1	28,392	145,191	9,875,190	71,890,431
2028	2	11,518	46,574	9,299,621	66,205,831
2029	3	19,258	82,127	8,730,257	60,744,436
2030	0	0	0	8,154,159	55,405,875
2031	1	2,905	12,098	7,577,584	50,299,786
2032	0	0	0	7,009,374	45,421,564
2033	0	0	0	6,449,541	40,800,421
2034	0	0	0	5,901,681	36,450,029
2035	0	0	0	5,369,302	32,384,922

TABLE VII-6
PROJECTION OF BENEFIT PAYOUT
DIVISION B
METRO DISABLED RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	530	7,859,537	83,045,128	3,918,978	83,045,128
2017	0	0	0	7,789,010	81,486,723
2018	0	0	0	7,735,831	79,862,659
2019	0	0	0	7,677,986	78,172,438
2020	0	0	0	7,615,054	76,415,959
2021	0	0	0	7,546,761	74,593,531
2022	0	0	0	7,472,756	72,705,787
2023	0	0	0	7,392,781	70,753,788
2024	0	0	0	7,306,688	68,738,996
2025	0	0	0	7,214,068	66,663,178
2026	0	0	0	7,114,575	64,528,635
2027	0	0	0	7,007,677	62,338,176
2028	0	0	0	6,892,938	60,095,297
2029	0	0	0	6,770,207	57,804,172
2030	0	0	0	6,639,062	55,469,483
2031	0	0	0	6,499,125	53,096,661
2032	0	0	0	6,350,191	50,691,895
2033	0	0	0	6,192,126	48,262,022
2034	0	0	0	6,024,898	45,814,486
2035	0	0	0	5,848,458	43,357,275

TABLE VII-7

PROJECTION OF BENEFIT PAYOUT

DIVISION B

METRO GENERAL GOVERNMENT RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	5,495	79,479,556	806,386,043	42,179,572	858,257,569
2017	0	0	0	83,635,239	832,448,451
2018	0	0	0	82,693,358	804,840,589
2019	0	0	0	81,530,441	775,573,078
2020	0	0	0	80,145,104	744,801,068
2021	0	0	0	78,537,965	712,695,208
2022	0	0	0	76,711,875	679,440,575
2023	0	0	0	74,672,293	645,235,155
2024	0	0	0	72,427,115	610,287,543
2025	0	0	0	69,986,596	574,814,619
2026	0	0	0	67,363,392	539,039,174
2027	0	0	0	64,572,104	503,187,135
2028	0	0	0	61,629,090	467,485,202
2029	0	0	0	58,552,648	432,158,463
2030	0	0	0	55,362,994	397,427,253
2031	0	0	0	52,082,550	363,507,648
2032	0	0	0	48,735,304	330,602,644
2033	0	0	0	45,346,359	298,902,723
2034	0	0	0	41,941,776	268,582,239
2035	0	0	0	38,548,141	239,796,478

TABLE VII-8
PROJECTION OF BENEFIT PAYOUT
DIVISION B
METRO FIRE AND POLICE RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	1,225	34,730,153	396,512,732	18,371,508	420,523,472
2017	0	0	0	36,769,937	411,838,557
2018	0	0	0	36,714,069	402,140,175
2019	0	0	0	36,570,610	391,459,313
2020	0	0	0	36,335,155	379,836,438
2021	0	0	0	36,003,923	367,321,680
2022	0	0	0	35,573,549	353,974,752
2023	0	0	0	35,041,266	339,865,164
2024	0	0	0	34,405,231	325,072,261
2025	0	0	0	33,664,731	309,684,756
2026	0	0	0	32,820,497	293,799,992
2027	0	0	0	31,874,637	277,522,676
2028	0	0	0	30,830,592	260,963,561
2029	0	0	0	29,693,260	244,238,110
2030	0	0	0	28,468,896	227,464,942
2031	0	0	0	27,165,118	210,764,277
2032	0	0	0	25,790,979	194,256,206
2033	0	0	0	24,356,977	178,058,706
2034	0	0	0	22,874,915	162,285,418
2035	0	0	0	21,357,741	147,043,451

TABLE VII-9
PROJECTION OF BENEFIT PAYOUT
DIVISION B
DEFERRED VESTED BENEFITS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	365	3,370,709	35,422,669	1,674,004	35,418,696
2017	91	686,603	7,131,545	3,735,032	42,104,190
2018	113	821,528	7,932,941	4,523,231	49,455,199
2019	96	730,872	6,759,189	5,352,994	55,481,139
2020	109	811,899	6,899,643	6,131,317	61,495,304
2021	148	1,038,684	8,040,496	7,084,905	68,488,265
2022	152	1,264,166	9,147,421	8,215,028	76,398,387
2023	160	1,357,818	9,095,411	9,526,239	84,050,131
2024	150	1,201,761	7,531,071	10,940,030	89,913,494
2025	177	1,261,691	7,198,534	12,205,298	95,211,928
2026	162	1,133,695	6,018,165	13,346,512	99,076,462
2027	130	958,777	4,717,996	14,418,513	101,380,751
2028	127	845,872	3,890,379	15,345,900	102,597,531
2029	146	927,535	3,917,599	16,084,223	103,585,753
2030	136	958,913	3,855,174	17,011,253	104,255,248
2031	114	782,585	2,897,348	17,803,254	103,721,007
2032	131	772,696	2,670,081	18,438,989	102,722,090
2033	100	662,593	2,062,930	19,048,956	100,891,508
2034	104	551,327	1,625,659	19,446,125	98,411,837
2035	106	623,861	1,715,224	19,801,888	95,833,222

TABLE VII-10
PROJECTION OF BENEFIT PAYOUT
DIVISION B
METRO TOTALS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	7,615	125,439,955	1,321,366,572	66,144,062	1,397,244,865
2017	91	686,603	7,131,545	131,929,218	1,367,877,921
2018	113	821,528	7,932,941	131,666,489	1,336,298,622
2019	96	730,872	6,759,189	131,132,031	1,300,685,968
2020	109	811,899	6,899,643	130,226,630	1,262,548,769
2021	148	1,038,684	8,040,496	129,173,554	1,223,098,684
2022	152	1,264,166	9,147,421	127,973,208	1,182,519,501
2023	160	1,357,818	9,095,411	126,632,579	1,139,904,238
2024	150	1,201,761	7,531,071	125,079,064	1,094,012,294
2025	177	1,261,691	7,198,534	123,070,693	1,046,374,481
2026	162	1,133,695	6,018,165	120,644,976	996,444,263
2027	130	958,777	4,717,996	117,872,931	944,428,738
2028	127	845,872	3,890,379	114,698,520	891,141,591
2029	146	927,535	3,917,599	111,100,338	837,786,498
2030	136	958,913	3,855,174	107,482,205	784,616,926
2031	114	782,585	2,897,348	103,550,047	731,089,593
2032	131	772,696	2,670,081	99,315,463	678,272,835
2033	100	662,593	2,062,930	94,944,418	626,114,959
2034	104	551,327	1,625,659	90,287,714	575,093,980
2035	106	623,861	1,715,224	85,556,228	526,030,426

TABLE VII-11
PROJECTION OF BENEFIT PAYOUT
COMBINED
METRO DISABLED RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	741	10,280,090	107,887,905	5,118,129	107,887,905
2017	0	0	0	10,137,672	105,426,350
2018	0	0	0	10,032,469	102,888,839
2019	0	0	0	9,920,259	100,276,906
2020	0	0	0	9,800,736	97,592,572
2021	0	0	0	9,673,744	94,838,305
2022	0	0	0	9,539,063	92,016,924
2023	0	0	0	9,396,585	89,131,685
2024	0	0	0	9,246,311	86,186,237
2025	0	0	0	9,087,977	83,184,516
2026	0	0	0	8,921,374	80,130,986
2027	0	0	0	8,746,098	77,030,607
2028	0	0	0	8,561,833	73,889,026
2029	0	0	0	8,368,532	70,712,576
2030	0	0	0	8,165,854	67,508,125
2031	0	0	0	7,953,476	64,283,338
2032	0	0	0	7,731,230	61,046,728
2033	0	0	0	7,499,003	57,807,560
2034	0	0	0	7,256,820	54,575,851
2035	0	0	0	7,004,766	51,362,294

TABLE VII-12

PROJECTION OF BENEFIT PAYOUT

COMBINED

METRO GENERAL GOVERNMENT RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	6,457	86,485,561	857,196,922	46,709,589	923,532,106
2017	0	0	0	92,124,915	892,868,696
2018	0	0	0	90,618,389	860,609,360
2019	0	0	0	88,903,225	826,912,442
2020	0	0	0	86,983,514	791,944,772
2021	0	0	0	84,864,050	755,882,039
2022	0	0	0	82,550,460	718,908,788
2023	0	0	0	80,049,686	681,218,254
2024	0	0	0	77,369,964	643,011,389
2025	0	0	0	74,521,023	604,495,782
2026	0	0	0	71,514,059	565,883,476
2027	0	0	0	68,362,938	527,392,116
2028	0	0	0	65,082,297	489,238,818
2029	0	0	0	61,688,791	451,640,045
2030	0	0	0	58,201,464	414,809,175
2031	0	0	0	54,641,125	378,954,520
2032	0	0	0	51,031,879	344,275,185
2033	0	0	0	47,398,572	310,956,624
2034	0	0	0	43,766,384	279,165,985
2035	0	0	0	40,162,395	249,054,113

TABLE VII-13
PROJECTION OF BENEFIT PAYOUT
COMBINED
METRO FIRE AND POLICE RETIRED LIVES

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	1,458	38,937,229	440,032,891	20,752,296	469,581,226
2017	0	0	0	41,536,451	459,793,121
2018	0	0	0	41,468,936	448,821,828
2019	0	0	0	41,296,771	436,707,701
2020	0	0	0	41,015,220	423,502,127
2021	0	0	0	40,620,284	409,267,607
2022	0	0	0	40,108,517	394,077,619
2023	0	0	0	39,477,184	378,016,760
2024	0	0	0	38,724,653	361,180,759
2025	0	0	0	37,850,694	343,675,903
2026	0	0	0	36,856,717	325,618,036
2027	0	0	0	35,745,689	307,131,122
2028	0	0	0	34,522,126	288,345,763
2029	0	0	0	33,192,268	269,397,638
2030	0	0	0	31,763,978	250,425,620
2031	0	0	0	30,246,754	231,569,891
2032	0	0	0	28,651,807	212,969,810
2033	0	0	0	26,992,063	194,761,478
2034	0	0	0	25,281,947	177,075,019
2035	0	0	0	23,537,139	160,031,992

TABLE VII-14
PROJECTION OF BENEFIT PAYOUT
COMBINED
DEFERRED VESTED BENEFITS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	407	3,667,216	38,416,565	1,820,767	38,412,592
2017	94	705,180	7,313,846	4,039,998	45,253,788
2018	118	844,309	8,167,337	4,856,859	52,799,829
2019	98	741,213	6,844,994	5,704,628	58,861,430
2020	111	818,307	6,950,992	6,490,668	64,863,396
2021	148	1,038,684	8,040,496	7,449,271	71,779,791
2022	155	1,289,282	9,310,669	8,593,278	79,763,887
2023	162	1,366,251	9,146,011	9,918,518	87,364,412
2024	155	1,243,190	7,756,207	11,349,491	93,339,031
2025	180	1,281,138	7,305,387	12,642,659	98,618,150
2026	166	1,155,725	6,135,055	13,798,422	102,462,551
2027	131	987,169	4,863,187	14,893,396	104,765,324
2028	129	857,390	3,936,953	15,831,885	105,873,815
2029	149	946,793	3,999,726	16,581,004	106,780,675
2030	136	958,913	3,855,174	17,505,068	107,279,881
2031	115	785,490	2,909,446	18,286,276	106,581,630
2032	131	772,696	2,670,081	18,909,921	105,402,676
2033	100	662,593	2,062,930	19,504,321	103,389,718
2034	104	551,327	1,625,659	19,884,244	100,727,154
2035	106	623,861	1,715,224	20,221,230	97,966,949

TABLE VII-15

PROJECTION OF BENEFIT PAYOUT

COMBINED

METRO TOTALS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2016	9,063	139,370,096	1,443,534,283	74,400,781	1,539,413,829
2017	94	705,180	7,313,846	147,839,036	1,503,341,955
2018	118	844,309	8,167,337	146,976,653	1,465,119,856
2019	98	741,213	6,844,994	145,824,883	1,422,758,479
2020	111	818,307	6,950,992	144,290,138	1,377,902,867
2021	148	1,038,684	8,040,496	142,607,349	1,331,767,742
2022	155	1,289,282	9,310,669	140,791,318	1,284,767,218
2023	162	1,366,251	9,146,011	138,841,973	1,235,731,111
2024	155	1,243,190	7,756,207	136,690,419	1,183,717,416
2025	180	1,281,138	7,305,387	134,102,353	1,129,974,351
2026	166	1,155,725	6,135,055	131,090,572	1,074,095,049
2027	131	987,169	4,863,187	127,748,121	1,016,319,169
2028	129	857,390	3,936,953	123,998,141	957,347,422
2029	149	946,793	3,999,726	119,830,595	898,530,934
2030	136	958,913	3,855,174	115,636,364	840,022,801
2031	115	785,490	2,909,446	111,127,631	781,389,379
2032	131	772,696	2,670,081	106,324,837	723,694,399
2033	100	662,593	2,062,930	101,393,959	666,915,380
2034	104	551,327	1,625,659	96,189,395	611,544,009
2035	106	623,861	1,715,224	90,925,530	558,415,348

TABLE VIII-1

PROJECTION OF BENEFIT PAYOUT

METRO DISABLED RETIRED LIVES

CALENDAR YEAR	ACTIVE	RETIRED	TOTAL
2016	0	5,118,129	5,118,129
2017	0	10,137,672	10,137,672
2018	0	10,032,469	10,032,469
2019	0	9,920,259	9,920,259
2020	0	9,800,736	9,800,736
2021	0	9,673,744	9,673,744
2022	0	9,539,063	9,539,063
2023	0	9,396,585	9,396,585
2024	0	9,246,311	9,246,311
2025	0	9,087,977	9,087,977
2026	0	8,921,374	8,921,374
2027	0	8,746,098	8,746,098
2028	0	8,561,833	8,561,833
2029	0	8,368,532	8,368,532
2030	0	8,165,854	8,165,854
2031	0	7,953,476	7,953,476
2032	0	7,731,230	7,731,230
2033	0	7,499,003	7,499,003
2034	0	7,256,820	7,256,820
2035	0	7,004,766	7,004,766

TABLE VIII-2
PROJECTION OF BENEFIT PAYOUT
METRO GENERAL GOVERNMENT

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2016	2,518,238	46,709,589	49,227,827
2017	7,538,188	92,124,915	99,663,103
2018	12,464,413	90,618,389	103,082,802
2019	18,199,199	88,903,225	107,102,424
2020	23,837,168	86,983,514	110,820,682
2021	29,330,131	84,864,050	114,194,181
2022	35,171,601	82,550,460	117,722,061
2023	40,633,147	80,049,686	120,682,833
2024	46,598,822	77,369,964	123,968,786
2025	52,790,081	74,521,023	127,311,104
2026	58,992,578	71,514,059	130,506,637
2027	65,046,392	68,362,938	133,409,330
2028	71,213,273	65,082,297	136,295,570
2029	77,162,818	61,688,791	138,851,609
2030	82,862,362	58,201,464	141,063,826
2031	88,535,527	54,641,125	143,176,652
2032	94,086,451	51,031,879	145,118,330
2033	99,344,792	47,398,572	146,743,364
2034	104,436,579	43,766,384	148,202,963
2035	109,351,676	40,162,395	149,514,071

TABLE VIII-3
PROJECTION OF BENEFIT PAYOUT
METRO FIRE AND POLICE

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2016	4,338,680	20,752,296	25,090,976
2017	9,713,777	41,536,451	51,250,228
2018	11,838,046	41,468,936	53,306,982
2019	14,328,652	41,296,771	55,625,423
2020	17,258,460	41,015,220	58,273,680
2021	20,911,845	40,620,284	61,532,129
2022	24,945,266	40,108,517	65,053,783
2023	28,660,299	39,477,184	68,137,483
2024	32,925,471	38,724,653	71,650,124
2025	37,654,522	37,850,694	75,505,216
2026	43,183,160	36,856,717	80,039,877
2027	48,770,779	35,745,689	84,516,468
2028	54,211,674	34,522,126	88,733,800
2029	59,649,975	33,192,268	92,842,243
2030	65,347,325	31,763,978	97,111,303
2031	71,375,291	30,246,754	101,622,045
2032	77,779,331	28,651,807	106,431,138
2033	84,078,608	26,992,063	111,070,671
2034	89,911,680	25,281,947	115,193,627
2035	96,489,385	23,537,139	120,026,524

TABLE VIII-4
PROJECTION OF BENEFIT PAYOUT
METRO DEFERRED

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2016	0	1,820,767	1,820,767
2017	0	4,039,998	4,039,998
2018	0	4,856,859	4,856,859
2019	0	5,704,628	5,704,628
2020	0	6,490,668	6,490,668
2021	0	7,449,271	7,449,271
2022	0	8,593,278	8,593,278
2023	0	9,918,518	9,918,518
2024	0	11,349,491	11,349,491
2025	0	12,642,659	12,642,659
2026	0	13,798,422	13,798,422
2027	0	14,893,396	14,893,396
2028	0	15,831,885	15,831,885
2029	0	16,581,004	16,581,004
2030	0	17,505,068	17,505,068
2031	0	18,286,276	18,286,276
2032	0	18,909,921	18,909,921
2033	0	19,504,321	19,504,321
2034	0	19,884,244	19,884,244
2035	0	20,221,230	20,221,230

TABLE VIII-5
PROJECTION OF BENEFIT PAYOUT
METRO TOTAL

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2016	6,856,918	74,400,781	81,257,699
2017	17,251,965	147,839,036	165,091,001
2018	24,302,459	146,976,653	171,279,112
2019	32,527,851	145,824,883	178,352,734
2020	41,095,628	144,290,138	185,385,766
2021	50,241,976	142,607,349	192,849,325
2022	60,116,867	140,791,318	200,908,185
2023	69,293,446	138,841,973	208,135,419
2024	79,524,293	136,690,419	216,214,712
2025	90,444,603	134,102,353	224,546,956
2026	102,175,738	131,090,572	233,266,310
2027	113,817,171	127,748,121	241,565,292
2028	125,424,947	123,998,141	249,423,088
2029	136,812,793	119,830,595	256,643,388
2030	148,209,687	115,636,364	263,846,051
2031	159,910,818	111,127,631	271,038,449
2032	171,865,782	106,324,837	278,190,619
2033	183,423,400	101,393,959	284,817,359
2034	194,348,259	96,189,395	290,537,654
2035	205,841,061	90,925,530	296,766,591

TABLE IX
ESTABLISHMENT OF VALUATION ASSETS
JULY 1, 2016

	Trust Fund A (Disability)	Trust Fund B (Gen Govt)	Trust Fund C (Fire & Police)	Total
1. Market Value of Assets on June 30, 2015	\$128,181,375	\$1,735,640,902	\$899,673,632	\$2,763,495,909
2. Contributions				
a. By employees	73,172	0	0	73,172
b. By employer	6,018,483	53,228,003	26,430,004	85,676,490
c. Other	0	0	0	0
3. Investment income	(388,101)	(5,299,872)	(2,728,971)	(8,416,944)
4. Disbursements to employees and beneficiaries	(9,932,300)	(90,881,210)	(51,788,286)	(152,601,796)
5. Market Value of Assets on June 30, 2016	123,952,629	1,692,687,823	871,586,379	2,688,226,831
6. Expected Income at 7.5%	9,469,579	128,761,072	66,524,587	204,755,238
7. Excess Income Base, Current Year, (3) - (6)	na	na	na	(213,172,182)
8. Excess Income Base, Preceding Year	na	na	na	(81,554,961)
9. Excess Income Base, Second Preceding Year	na	na	na	233,849,123
10. Excess Income Base, Third Preceding Year	na	na	na	128,070,320
11. Excess Income Base, Fourth Preceding Year	na	na	na	(154,165,703)
Adjustment to Market Value Assets,				
12. .8*(7) + .6*(8) + .4*(9) + .2*(10)	na	na	na	(100,317,009)
13. Preliminary Valuation Assets, June 30, 2016 (5) - (12)	\$128,578,190	\$1,755,854,137	\$904,111,513	\$2,788,543,840
14. Maximum Valuation Assets (Based on 20% Corridor)	\$148,743,155	\$2,031,225,387	\$1,045,903,654	\$3,225,872,197
15. Valuation Assets, June 30, 2016, Minimum of (13), (14)	\$128,578,190	\$1,755,854,137	\$904,111,513	\$2,788,543,840

Note: The "Valuation Assets" for each of the three trust funds was obtained by multiplying the Market Value of that fund (line 5) by the ratio of the total Valuation Asset figure (line 13, total) to the total Market Value (line 5, total).

TABLE X
NORMAL COST CALCULATIONS

	<u>Trust Fund A</u> <u>(Disability)</u>	<u>Trust Fund B</u> <u>(Gen. Gov.)</u>	<u>Trust Fund C</u> <u>(Fire & Police)</u>	<u>Total</u>
1. Present Value of Benefits	\$157,524,116	\$2,004,195,245	\$1,171,775,951	\$3,333,495,312
2. Past Service Liability (or assets if larger)	132,059,377	1,798,278,430	974,356,439	2,904,694,246
3. Present Value of Future Employee Contributions	0	0	0	0
4. Present Value of Employer Normal Costs ((1)-(2)-(3))	25,464,739	205,916,815	197,419,512	428,801,066
5. Present Value of Future Salaries*	4,597,300,442	2,793,526,781	1,803,773,661	4,597,300,442
6. Normal Cost Percentage ((4)/(5))	0.554%	7.371%	10.945%	9.189%
7. Current Payroll*	538,698,977	348,219,673	190,479,304	538,698,977
8. Normal Cost ((6) - (7))	2,983,888	25,668,015	20,847,589	49,499,491

*Cost of disability benefits is spread over the present value of future salaries of all plan participants. Cost of benefits to "general government" employees and "fire and police" employees is spread over the present value of future salaries of those specific groups.

TABLE XI
TOTAL COST CALCULATIONS

	<u>Trust Fund A</u> <u>(Disability)</u>	<u>Trust Fund B</u> <u>(Gen. Gov.)</u>	<u>Trust Fund C</u> <u>(Fire & Police)</u>	<u>Total</u>
<u>Development of Amortization Contributions</u>				
1. Present Value of Benefits	\$157,524,116	\$2,004,195,245	\$1,171,775,951	\$3,333,495,312
2. Present Value of Future Employee Contributions	0	0	0	0
3. Present Value of Future Normal Costs	25,464,739	205,916,815	197,419,512	428,801,066
4. Existing Assets	128,578,190	1,755,854,137	904,111,513	2,788,543,840
5. Unfunded Past Service Liability (1)-(2)-(3)-(4)	3,481,187	42,424,293	70,244,926	116,150,406
6. Amortization Contributions				
a. No amortization - int. only (.0697 x (5))	242,874	2,959,834	4,900,809	8,103,517
b. 15-year amortization (.105383 x (5))	366,858	4,470,799	7,402,621	12,240,278
<u>Development of Total Costs</u>				
7. Normal Cost	\$2,983,888	\$25,668,015	\$20,847,589	\$49,499,491
8. Total Cost				
a. No amortization ((7)+(6a))x1.0375 % of payroll	3,347,765 0.621%	29,701,393 8.529%	26,713,962 14.025%	59,763,120 11.094%
b. 15-year amortization ((7)+(6b))x1.0375 % of payroll	3,476,399 0.645%	31,269,019 8.980%	29,309,593 15.387%	64,055,011 11.891%

TABLE XII

MINIMUM FUNDING UNDER TCA §9-3-501

As a result of the Public Employee Defined Benefit Financial Security Act of 2014 (Tenn. Code Ann. §9-3-501) all political subdivisions within the State of Tennessee that provide defined benefit plans not administered by the Tennessee Consolidated Retirement System (TCRS) must adopt a written funding policy and contribute an actuarially determined contribution that meets minimum standards specified by Tenn. Code Ann. §9-3-501. The actuarially determined contribution is comprised of the normal cost under the Entry Age Normal Cost Method, plus a level dollar amortization of the unfunded liability as of July 1, 2015 over a closed period of 30 year. A new layer of amortization will be added each year equal to the 30-year, level dollar amortization of gains and/or losses for each subsequent year.

State Minimum Funding	
Unfunded Liability as of July 1, 2016	116,150,406
Outstanding Bases	137,212,397
Net (Gain)/Loss for the 2016 Plan Year	(21,061,991)
2016 Amortization of (Gains)/Losses	(1,658,925)
 <i>Determination of Minimum Contribution Rate</i>	
Entry Age Normal Cost	47,572,169
2016 Amortization of (Gains)/Losses	(1,658,925)
2015 Initial Base - Annual Payment	10,912,931
Interest	2,130,982
Total Contribution	58,957,156
Current Payroll	538,698,977
Minimum Contribution Rate	10.944%
 Outstanding Amortization Bases	
2015 Initial Base - Annual Payment	10,912,931
Years Remaining	29
Present Value	\$137,212,397

Since the recommended contribution of 12.340% of payroll exceeds the minimum required contribution of 10.944%, the minimum contribution does not currently apply.

TABLE XIV
SUMMARY OF ACTUARIAL ASSUMPTIONS
(Sample Values per 1,000 Lives)

	Age			
	20	35	50	60
<u>Mortality Rates – Active Employees</u>				
Male: 110% RP-2000 Employee Table	.38	.85	2.35	5.37
Female: 110% RP-2000 Employee Table	.21	.53	1.84	4.32
	Age			
	60	70	80	90
<u>Mortality Rates – Inactive Employees</u>				
Male: 110% RP-2000 Healthy Annuitant Table	9.02	24.43	70.81	201.75
Female: 110% RP-2000 Healthy Annuitant Table	6.82	18.42	50.47	144.85
	Age			
	20	35	50	60
<u>Withdrawal Rates</u>				
First Year				
General Government	210.00	180.00	120.00	---
Fire and Police	60.00	40.00	0.00	---
Second Year				
General Government	190.00	150.00	100.00	---
Fire and Police	40.00	28.00	20.00	---
Ultimate				
General Government	218.00	55.00	14.00	---
Fire and Police	60.00	16.00	4.00	---
<u>Salary Scale</u>				
Declining Scale to age 65	1.055	1.046	1.037	1.031
<u>Compensation Basis</u>				
	Gross pay for prior year			

TABLE XIII (Continued)

SUMMARY OF ACTUARIAL ASSUMPTIONS
(Sample Values per 1,000 Lives)

<u>Disability Rates</u>	<u>Age</u>			
	<u>20</u>	<u>35</u>	<u>50</u>	<u>60</u>
Division A:				
General Government				
Males: 150% of 1965 Railroad Retirement	0.00	6.00	10.95	37.20
Females: 1965 Railroad Retirement	0.00	4.00	7.30	24.80
Fire and Police				
200% of 1965 Railroad Retirement	0.00	8.00	14.60	49.60
50% of disabled members eligible for Social Security disability benefits				
Division B:				
General Government: 100% of Class 1 - 1985 Disability Study				
Males	0.29	0.69	3.58	12.56
Females	0.30	1.36	5.33	11.59
Fire and Police: 100% of Class 3 - 1985 Disability Study (pre-55)				
Males:	1.51	4.31	12.24	---
Females:	0.89	3.88	12.01	---
50% of disabled members eligible for Social Security disability benefits				
One-sixth of disabled members return to work, at 75% of pre-disability salaries				
<u>Rate of Death and Recovery Among Disabled Lives</u>				
	<u>Age</u>			
	<u>20</u>	<u>35</u>	<u>50</u>	<u>60</u>
Pre-Age 60				
Male: 150% RP 2000 Disabled Mortality/Recovery	0.00	33.86	43.46	---
Female: 150% RP 2000 Disabled Mortality/Recovery	0.00	11.18	17.30	---
	<u>Age</u>			
	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
Post-Age 60				
Male: 150% RP 2000 Disabled Mortality/Recovery	42.04	62.58	109.37	183.41
Female: 150% RP 2000 Disabled Mortality/Recovery	21.84	37.64	72.31	140.05

TABLE XIII (Continued)

SUMMARY OF ACTUARIAL ASSUMPTIONS
(Sample Values per 1,000 Lives)

Social Security Benefit Projection Rate

Wage base escalation at 4.00% per annum
 Consumer price index at 2.50% per annum

Rate of Normal Retirement

		Percent Rating at Age							
		55	56	57	58	59	60	61	62
Division A:									
General Government									
Male:		--	--	--	--	--	--	2	5
Female:		--	--	--	--	--	3	4	8
Fire and Police		10	10	10	10	10	50	--	--
		Percent Rating at Age							
		63	64	65	66	67	68	69	70
General Government									
Male:		5	12	23	18	6	6	6	17
Female:		6	15	26	11	9	5	3	10
Fire and Police		--	--	--	--	--	--	--	--

Division B:

Percentages of participants retiring in each year before and after a participant's normal retirement age are determined as follows:

		Rates of Retirement						
		NRA-10	NRA-9	NRA-8	NRA-7	NRA-6	NRA-5	NRA-4
General Government		1	1	1	2	2	2	5
		Rates of Retirement						
		NRA-3	NRA-2	NRA-1	NRA	NRA+1	NRA+2	NRA+3
General Government		5	5	15	15	20	20	20
		Rates of Retirement						
		NRA+4	NRA+5	NRA+6	NRA+7	NRA+8	NRA+9	NRA+10
General Government		20	20	20	35	35	35	100

TABLE XIII (Continued)

**SUMMARY OF ACTUARIAL ASSUMPTIONS
(Sample Values per 1,000 Lives)**

An additional 5% and 10% of participants in excess of the percentages above are assumed to retire upon attainment of ages 62 and 65 respectively.

	Percent Rating at Age								
	51	52	53	54	55	56	57	58	59
Fire and Police	3	6	9	8	8	8	7	9	6
	60	61	62	63	64				
Fire and Police	8	7	10	6	5				

Rate of Investment Return

7.5% per annum

Spouse Frequency and Ages

Assume 85% married, with husbands four years older than wives. Surviving spouses of disabled members assumed to receive Social Security benefits after age 65, but not before.

Actuarial Valuation Method

Entry age normal

Asset Valuation Method

Five-year smoothing of difference between market value and expected valuation assets.

Annual Cost-of-Living Adjustment

Division A 2.50%
Division B 1.50%

TABLE XIV

SUMMARY OF ACTUARIAL ASSUMPTIONS
 ASSUMPTIONS PRIOR TO JUNE 30, 2012
 (Sample Values per 1,000 Lives)

	Age			
	20	35	50	60
<u>Mortality Rates – Active Employees</u>				
Male: 110% RP-2000 Employee Table	.38	.85	2.35	5.37
Female: 110% RP-2000 Employee Table	.21	.53	1.84	4.32
	Age			
	60	70	80	90
<u>Mortality Rates – Inactive Employees</u>				
Male: 110% RP-2000 Healthy Annuitant Table	9.02	24.43	70.81	201.75
Female: 110% RP-2000 Healthy Annuitant Table	6.82	18.42	50.47	144.85
	Age			
	20	35	50	60
<u>Withdrawal Rates</u>				
First Year				
General Government	210.00	180.00	120.00	---
Fire and Police	60.00	40.00	0.00	---
Second Year				
General Government	190.00	150.00	100.00	---
Fire and Police	40.00	28.00	20.00	---
Ultimate				
General Government	218.00	55.00	14.00	---
Fire and Police	30.00	8.00	2.00	---
<u>Salary Scale</u>				
Declining Scale to age 65	1.070	1.060	1.049	1.042
<u>Compensation Basis</u>				
	Gross pay for prior year			

TABLE XIV

SUMMARY OF ACTUARIAL ASSUMPTIONS
 ASSUMPTIONS PRIOR TO JUNE 30, 2012
 (Sample Values per 1,000 Lives)

<u>Disability Rates</u>	<u>Age</u>			
	<u>20</u>	<u>35</u>	<u>50</u>	<u>60</u>
Division A:				
General Government				
Males: 150% of 1965 Railroad Retirement	0.00	6.00	10.95	37.20
Females: 1965 Railroad Retirement	0.00	4.00	7.30	24.80
Fire and Police				
200% of 1965 Railroad Retirement	0.00	8.00	14.60	49.60
50% of disabled members eligible for Social Security disability benefits				
Division B:				
General Government: 100% of Class 2 - 1985 Disability Study				
Males	0.64	1.99	8.30	22.66
Females	0.55	2.52	6.54	17.93
Fire and Police: 100% of Class 4 - 1985 Disability Study (pre-55)				
Males:	1.77	5.08	13.54	---
Females:	1.04	4.57	13.27	---
50% of disabled members eligible for Social Security disability benefits				
One-sixth of disabled members return to work, at 75% of pre-disability salaries				
<u>Rate of Death and Recovery Among Disabled Lives</u>				
	<u>Age</u>			
	<u>20</u>	<u>35</u>	<u>50</u>	<u>60</u>
Pre-Age 60				
Male: 150% RP 2000 Disabled Mortality/Recovery	0.00	33.86	43.46	---
Female: 150% RP 2000 Disabled Mortality/Recovery	0.00	11.18	17.30	---
	<u>Age</u>			
	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
Post-Age 60				
Male: 150% RP 2000 Disabled Mortality/Recovery	42.04	62.58	109.37	183.41
Female: 150% RP 2000 Disabled Mortality/Recovery	21.84	37.64	72.31	140.05

TABLE XIV

SUMMARY OF ACTUARIAL ASSUMPTIONS
 ASSUMPTIONS PRIOR TO JUNE 30, 2012
 (Sample Values per 1,000 Lives)

Social Security Benefit Projection Rate

Wage base escalation at 4.00% per annum
 Consumer price index at 2.75% per annum

Rate of Normal Retirement

		Percent Rating at Age							
		55	56	57	58	59	60	61	62
Division A:									
General Government									
Male:		--	--	--	--	--	--	2	5
Female:		--	--	--	--	--	3	4	8
Fire and Police		10	10	10	10	10	50	--	--
		Percent Rating at Age							
		63	64	65	66	67	68	69	70
General Government									
Male:		5	12	23	18	6	6	6	17
Female:		6	15	26	11	9	5	3	10
Fire and Police		--	--	--	--	--	--	--	--

Division B:

Percentages of participants retiring in each year before and after a participant's normal retirement age are determined as follows:

		Rates of Retirement						
		NRA-10	NRA-9	NRA-8	NRA-7	NRA-6	NRA-5	NRA-4
General Government		2	2	2	2	5	5	8
		Rates of Retirement						
		NRA-3	NRA-2	NRA-1	NRA	NRA+1	NRA+2	NRA+3
General Government		10	10	25	25	25	25	25
		Rates of Retirement						
		NRA+4	NRA+5	NRA+6	NRA+7	NRA+8	NRA+9	NRA+10
General Government		25	25	25	25	25	25	100

TABLE XIV

**SUMMARY OF ACTUARIAL ASSUMPTIONS
ASSUMPTIONS PRIOR TO JUNE 30, 2012
(Sample Values per 1,000 Lives)**

An additional 5% and 10% of participants in excess of the percentages above are assumed to retire upon attainment of ages 62 and 65 respectively.

	Percent Rating at Age								
	51	52	53	54	55	56	57	58	59
Fire and Police	3	6	9	8	8	8	7	9	6
	60	61	62	63	64				
Fire and Police	8	7	10	6	5				

Rate of Investment Return

8.0% per annum

Spouse Frequency and Ages

Assume 85% married, with husbands four years older than wives. Surviving spouses of disabled members assumed to receive Social Security benefits after age 65, but not before.

Actuarial Valuation Method

Entry age normal

Asset Valuation Method

Five-year smoothing of difference between market value and expected valuation assets.

Annual Cost-of-Living Adjustment

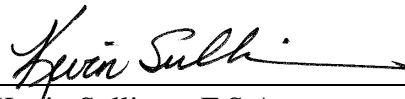
Division A 2.75%
Division B 1.75%

TABLE XV
ACTUARIAL CERTIFICATION

This report has been prepared under my supervision; I am a member of the American Academy of Actuaries, a Fellow of the Society of Actuaries, and a consulting actuary with Bryan, Pendleton, Swats and McAllister, LLC of Brentwood, Tennessee, and have met the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions herein. To the best of our knowledge this report has been prepared in accordance with generally accepted actuarial standards, including the overall appropriateness of the analysis, assumptions, and results and conforms to appropriate Standards of Practice as promulgated from time to time by the Actuarial Standards Board, which standards form the basis for the actuarial report. We are not aware of any direct or material indirect financial interest or relationship, including investment management or other services that could create, or appear to create, a conflict of interest that would impair the objectivity of our work.

June 16, 2017

Date



S. Kevin Sullivan, F.S.A.

Enrollment Number 17-06235