

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

**VALUATION AND REPORT
AS OF
JUNE 30, 2002**



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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, 2002. 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, 2003.

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 The disability and pension provisions for the System serve as successors to the following superseded retirement systems: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As of the date of establishment, all members of the superseded systems were given the opportunity to transfer to the new System.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Active participants in the existing Metro plan (which was renamed "Division A"), as well as active participants in the superseded plans, were given the opportunity to transfer to Division B effective January 1, 1996.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 Reports on the superseded plans are prepared separately.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, 2002 valuation. ("General Government" figures include the Board of Education, since both groups are covered by the provisions of Chapters 3.32 and 3.33.)

Metropolitan Government of Nashville and Davidson County Tennessee Pension Plan

<u>Group</u>	<u>Number</u>	<u>Compensation</u>
General Government	9,874	\$317,892,778
Firemen and Policemen	2,336	116,807,102
Total	12,210	\$434,699,880

This table includes 163 General Government employees with compensation of \$4,758,073 and 51 Firemen and Policemen with compensation of \$2,593,662 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	706	\$7,796,887	\$7,796,879
General Government	1,976	11,550,627	14,070,188
Fire and Police	119	2,031,705	2,224,709
Total	2,801	\$21,379,219	\$24,091,776
<u>Division B</u>			
Disabled	398	\$5,227,013	\$5,227,010
General Government	1,296	14,753,429	15,438,311
Fire and Police	314	7,097,481	7,340,367
Total	2,008	\$27,077,923	\$28,005,688
<u>Total</u>			
Disabled	1,104	\$13,023,900	\$13,023,889
General Government	3,272	26,304,056	29,508,499
Fire and Police	433	9,129,186	9,565,076
Total	4,809	\$48,457,142	\$52,097,464

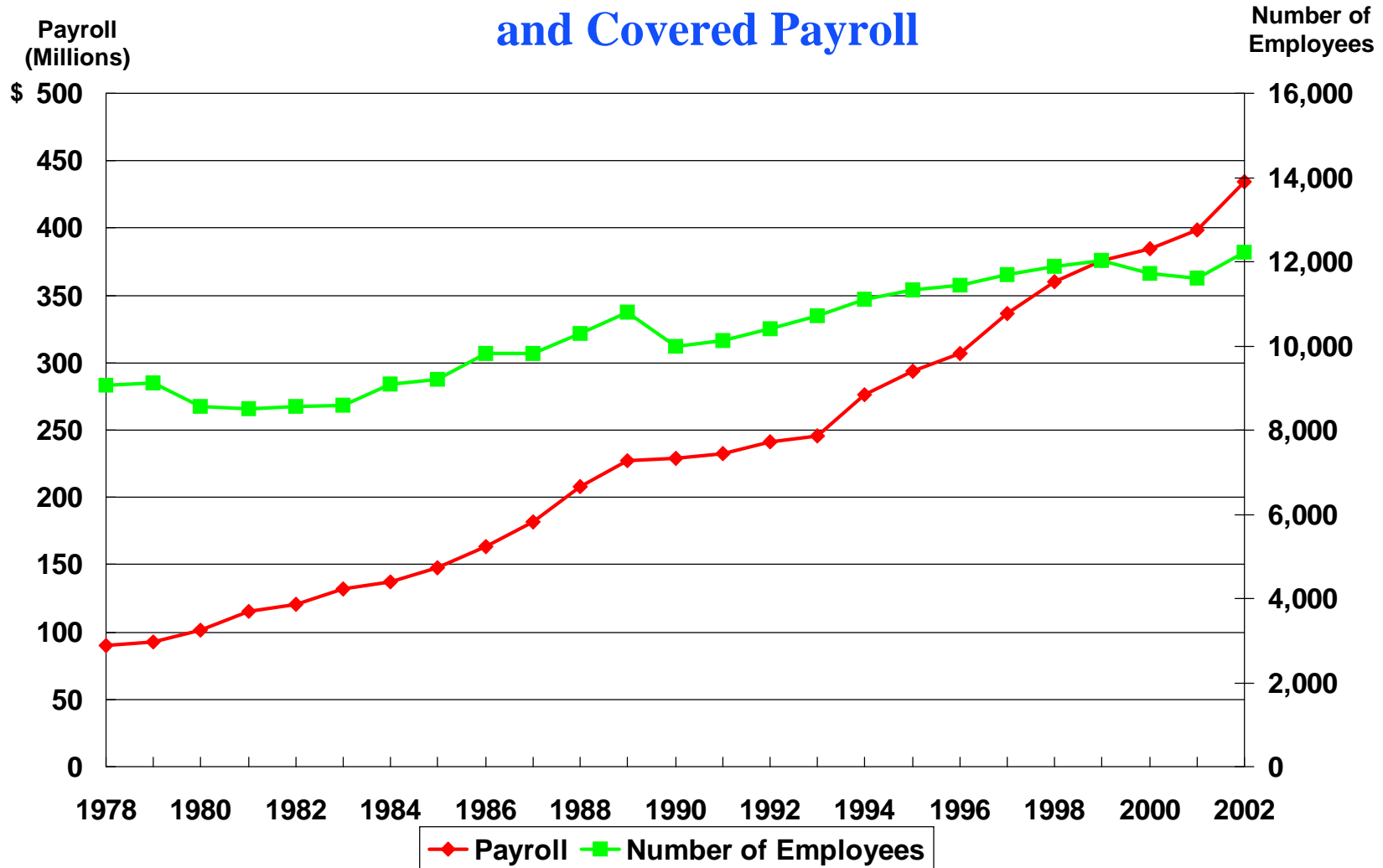
In addition, another 426 individuals have terminated employment but have vested benefits, as listed in Table XII of the Appendix.

The table below shows how the figures given above compare with equivalent figures in the June 30, 2001 valuation.

Metropolitan Government of Nashville and Davidson County Tennessee Pension Plan

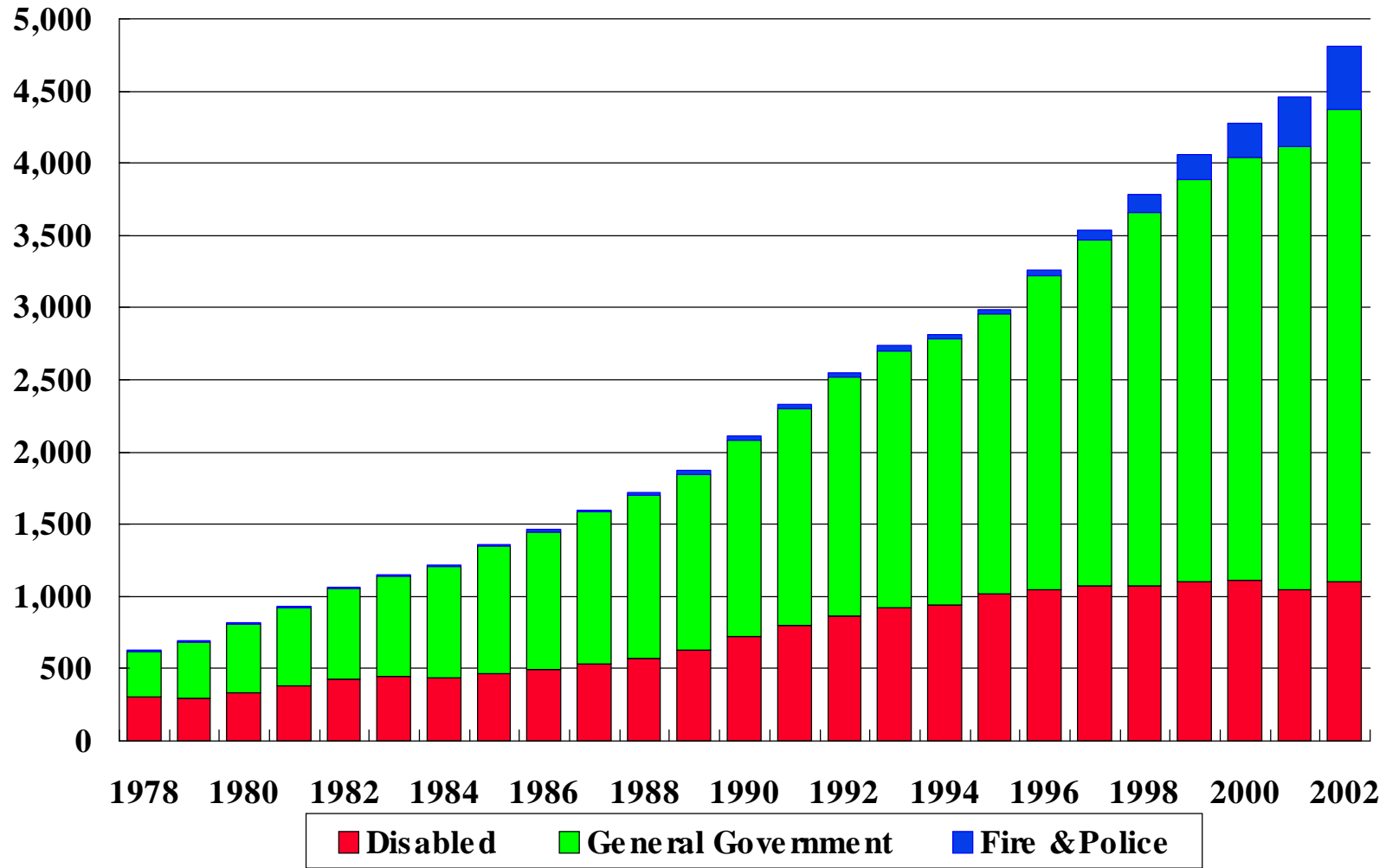
	<u>June 30, 2001</u>	<u>June 30, 2002</u>	<u>Increase</u>	<u>Percent Increase</u>
Number of Active Participants	11,613	12,210	597	5.1%
Payroll	398,426,904	434,699,880	36,272,976	9.1%
Average Salary	34,309	35,602	1,293	3.8%
Number of Retired Participants	4,457	4,809	352	7.9%
Annual Benefits	47,419,558	52,097,464	4,677,906	9.9%

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 below sets out the results of the June 30, 2002 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, in recent years the Board each year has adopted a contribution rate sufficient to amortize the unfunded supplemental liability over the 40-year period commencing in 1978. The table shows the contribution rates necessary to continue both the "no amortization" and the "40 years from 1978" funding patterns.

Historically, the Metropolitan Board of Education has contributed at a lower rate, due to the contributions by participating employees within that Department. With the recent elimination of these employee contributions, this disparity no longer exists.

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>
<u>Statutory Minimum (No Amortization of Unfunded Past Service Liability)</u>				
Contribution	12,664,508	12,726,484	11,734,070	37,125,062
% of Payroll*	2.913%	4.003%	10.046%	8.540%
<u>16-Year Amortization (by 2018) of Unfunded Past Service Liability</u>				
Contribution	15,813,803	12,726,484	11,734,070	40,274,356
% of Payroll*	3.638%	4.003%	10.046%	9.265%

*"Disability" and "Total" costs are expressed as a percentage of total eligible payroll of \$434,699,880. "General Government" and "Fire and Police" costs are expressed as percentages of the eligible payrolls of those groups --- \$317,892,778 and \$116,807,102 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, 2002. 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, 2002
DIVISIONS A AND B COMBINED**

	<i>Trust Fund A (Disability)</i>	<i>Trust Fund B (Gen. Gov.)</i>	<i>Trust Fund C (Fire & Police)</i>	<i>Total</i>
<u>ASSETS</u>				
Present assets:	\$70,750,099	\$1,029,245,268	\$469,459,890	\$1,569,455,257
Present value of prospective contributions payable by Metro:				
Metro:				
Normal	\$48,165,431	\$116,580,930	\$126,080,444	\$290,826,805
Past Service	99,173,877	0	0	99,173,877
Total	\$147,339,308	\$116,580,930	\$126,080,444	\$390,000,682
Members	0	0	0	0
Total Prospective Contributions	147,339,308	116,580,930	126,080,444	390,000,682
Total Assets	\$218,089,407	\$1,145,826,198	\$595,540,334	\$1,959,455,939
<u>LIABILITIES</u>				
Present value of prospective benefits payable on account of:				
Present retired members and contingent annuitants				
Present active members	130,860,079	297,717,263	112,444,785	541,022,127
Present active members	87,229,328	848,108,935	483,095,549	1,418,433,812
Total Liabilities	\$218,089,407	\$1,145,826,198	\$595,540,334	\$1,959,455,939

For the 2002-03 fiscal year, Metro is contributing to the plan at the rate of 6.61% of covered payroll. This rate was adopted by the Board following the presentation of the June 30, 2001 valuation report.

Actuarial Experience

The employer contribution rate of 9.26% developed in this valuation represents an increase of 2.65% from last year's recommended rate of 6.61%. 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 8.46%. The return was substantially less than the actuarially assumed return rate of 8.0%. The full measure of the current year loss 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 prior year gains and losses recognized in the current year produced an effective rate of return on the valuation asset basis of 4.02% resulting in a contribution increase of 1.46% of compensation.
2. **Compensation** increase rates for continuing active participants during the year averaged 7.8% and were higher than the actuarially assumed rate of 5%. The distribution of salary changes among General Government employees was such that increases were greater than the average for younger participants for whom liabilities are generally small and below the average for older participants for whom liabilities tend to be substantial. Salary increases for Fire and Police during the year were extraordinary and averaged approximately 13% due to implementation of a recently adopted pay plan. The net effect of salary adjustments is that liability increases were in excess of that expected. Compensation increases greater than expected are responsible for an increase in the recommended contribution of approximately 0.20% 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, 2001 valuation are delayed and not implemented until June 30, 2002. 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 2001-2002 plan year were based on the 5.70% contribution rate adopted by the Board while the recommended contribution rate was 6.61%. Contributions less than expected caused a contribution increase of 0.11% of compensation.
4. **COLA adjustments** for the year preceding the valuation date were different than the rates anticipated by the actuarial assumptions resulting in a contribution rate decline of 0.07% of compensation. Benefits to Division A and B retirees increased by 2.5% and 1.5%, respectively. The Division A rate was lower than the 3.25% anticipated by the 2001 valuation. The Division B rate was lower than the anticipated 1.80% rate.

5. **New entrants** for whom implicit contribution rates tend to be higher than the prevailing contribution rate resulted in an increase in the employer contribution rate of 0.44% of payroll. New entrant contribution rates do not have the advantage of actuarial gains (primarily associated with investment returns) that serve to reduce the contribution rate for the remainder of the plan.

6. **Plan Improvements** - During the plan year ended June 30, 2002, a plan change was made that is now reflected in the employer contribution rate. Section 3.40.045 was added to the plan to add a dependent child death benefit, resulting in an increase in the aggregate employer contribution rate of 0.05% of compensation.

7. **Assumption Changes** – Effective with the June 30, 2002 valuation, a number of actuarial assumptions have been revised based on the results of the 1997-2002 Experience Study. These changes, and their impact on the Metro-wide contribution rate, are as follows:

Assumption Change	Impact on Contribution Rate
Updated Mortality Table	(1.45%)
Revised CPI Assumption	(0.24%)
Revised Withdrawal Table	0.57%
Revised Retirement Rates	(0.45%)
Revised Salary Scale	1.47%
	(0.10%)

The net effect of these factors was a 2.09% increase in the required contribution rate. The remaining 0.56% increase was the net result of all other variations of actual from assumed experience. These variations have been analyzed as part of the 1997-2002 Experience Study.

Summary

Certain 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, for the current valuation under the "five-year smoothing" asset valuation method, the plan has not yet recognized approximately \$297,000,000 of investment losses. Recognition of those amounts will be taken gradually over the next few years and will have the effect of pushing contribution rates higher over that period. Recognition of these losses will likely offset the inherent conservatism in the valuation process, causing contribution rates to trend upward over the next few years. Of course, deviations from other actuarial assumptions (salary increases, turnover/retirement, disability, etc.) could alter the required contribution rate.

If future contribution rates rise as current investment losses are recognized, the rate will likely trend toward the rate associated with the addition of new participants. New participants enter the plan carrying a contribution rate of roughly twelve percent of compensation, assuring a long term tendency for the plan contribution to approach this level.

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, 2002*

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, 1997	945,348,756	1,055,700,536	110,351,780	89.55%	336,276,286	32.82%
June 30, 1998	1,084,563,971	1,193,291,692	108,727,721	90.89%	359,932,634	30.21%
June 30, 1999	1,241,356,861	1,350,000,989	108,644,128	91.95%	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%

D. SUMMARY AND RECOMMENDATIONS

It is recommended that the Board adopt an employer contribution rate of 9.26% of covered payroll for the next fiscal year.

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><i>Year of Birth</i></u>	<u><i>Base Earnings</i></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.

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	1	1,709	1,709	1	1,709	1,709
26-30	6	180,112	30,018	3	56,186	18,728	9	236,298	26,255
31-35	10	339,685	33,968	12	336,399	28,033	22	676,084	30,731
36-40	11	355,994	32,363	14	370,533	26,466	25	726,527	29,061
41-45	14	407,207	29,086	26	584,258	22,471	40	991,465	24,786
46-50	7	224,822	32,117	19	500,124	26,322	26	724,946	27,882
51-55	11	435,427	39,584	9	300,915	33,435	20	736,342	36,817
56-60	4	165,391	41,347	7	207,067	29,581	11	372,458	33,859
61-65	1	67,287	67,287	6	114,509	19,084	7	181,796	25,970
66-70	0	0	0	1	55,797	55,797	1	55,797	55,797
71-75	1	54,651	54,651	0	0	0	1	54,651	54,651
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	65	2,230,576	34,316	98	2,527,497	25,790	163	4,758,073	29,190

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	3	117,089	39,029	0	0	0	3	117,089	39,029
31-35	1	43,030	43,030	0	0	0	1	43,030	43,030
36-40	9	443,732	49,303	0	0	0	9	443,732	49,303
41-45	8	388,240	48,530	1	53,386	53,386	9	441,626	49,069
46-50	14	784,914	56,065	0	0	0	14	784,914	56,065
51-55	9	450,883	50,098	0	0	0	9	450,883	50,098
56-60	6	312,388	52,064	0	0	0	6	312,388	52,064
61-65	0	0	0	0	0	0	0	0	0
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	50	2,540,276	50,805	1	53,386	53,386	51	2,593,662	50,856

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	1	1,709	1,709	1	1,709	1,709
26-30	9	297,201	33,022	3	56,186	18,729	12	353,387	29,449
31-35	11	382,715	34,792	12	336,399	28,033	23	719,114	31,266
36-40	20	799,726	39,986	14	370,533	26,467	34	1,170,259	34,419
41-45	22	795,447	36,157	27	637,644	23,616	49	1,433,091	29,247
46-50	21	1,009,736	48,083	19	500,124	26,322	40	1,509,860	37,747
51-55	20	886,310	44,316	9	300,915	33,435	29	1,187,225	40,939
56-60	10	477,779	47,778	7	207,067	29,581	17	684,846	40,285
61-65	1	67,287	67,287	6	114,509	19,085	7	181,796	25,971
66-70	0	0	0	1	55,797	55,797	1	55,797	55,797
71-75	1	54,651	54,651	0	0	0	1	54,651	54,651
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	115	4,770,852	41,486	99	2,580,883	26,070	214	7,351,735	34,354

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	29	602,496	20,775	28	499,345	17,833	57	1,101,841	19,330
21-25	179	4,362,624	24,372	185	4,121,288	22,277	364	8,483,912	23,307
26-30	310	9,057,396	29,217	436	11,215,202	25,722	746	20,272,598	27,175
31-35	401	13,739,860	34,263	551	15,412,992	27,972	952	29,152,852	30,622
36-40	562	19,755,516	35,152	784	22,038,609	28,110	1,346	41,794,125	31,050
41-45	675	25,437,444	37,685	927	27,475,977	29,639	1,602	52,913,421	33,029
46-50	671	25,977,945	38,715	954	28,774,644	30,162	1,625	54,752,589	33,693
51-55	640	26,236,703	40,994	877	27,828,668	31,731	1,517	54,065,371	35,639
56-60	354	14,471,103	40,878	542	16,256,254	29,993	896	30,727,357	34,293
61-65	171	6,629,443	38,768	266	7,656,466	28,783	437	14,285,909	32,690
66-70	52	2,039,442	39,220	68	1,977,208	29,076	120	4,016,650	33,472
71-75	11	433,824	39,438	21	529,466	25,212	32	963,290	30,102
76-80	8	322,787	40,348	2	57,728	28,864	10	380,515	38,051
81-85	2	81,135	40,567	5	143,140	28,628	7	224,275	32,039
86-90	0	0	0	0	0	0	0	0	0
TOTAL	4,065	149,147,718	36,690	5,646	163,986,987	29,044	9,711	313,134,705	32,245

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	0	0	0	0	0	0
21-25	62	2,457,417	39,635	10	426,025	42,602	72	2,883,442	40,047
26-30	309	13,218,064	42,776	16	695,672	43,479	325	13,913,736	42,811
31-35	349	16,076,634	46,064	33	1,558,482	47,226	382	17,635,116	46,165
36-40	365	18,098,908	49,586	50	2,430,466	48,609	415	20,529,374	49,468
41-45	285	14,744,036	51,733	30	1,596,444	53,214	315	16,340,480	51,874
46-50	328	17,825,507	54,346	17	943,531	55,501	345	18,769,038	54,403
51-55	265	14,723,753	55,561	15	892,546	59,503	280	15,616,299	55,772
56-60	110	6,185,261	56,229	0	0	0	110	6,185,261	56,229
61-65	39	2,195,354	56,291	0	0	0	39	2,195,354	56,291
66-70	1	59,459	59,459	0	0	0	1	59,459	59,459
71-75	1	85,881	85,881	0	0	0	1	85,881	85,881
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	2,114	105,670,274	49,985	171	8,543,166	49,960	2,285	114,213,440	49,984

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	29	602,496	20,776	28	499,345	17,834	57	1,101,841	19,331
21-25	241	6,820,041	28,299	195	4,547,313	23,320	436	11,367,354	26,072
26-30	619	22,275,460	35,986	452	11,910,874	26,351	1071	34,186,334	31,920
31-35	750	29,816,494	39,755	584	16,971,474	29,061	1334	46,787,968	35,073
36-40	927	37,854,424	40,835	834	24,469,075	29,339	1761	62,323,499	35,391
41-45	960	40,181,480	41,856	957	29,072,421	30,379	1917	69,253,901	36,126
46-50	999	43,803,452	43,847	971	29,718,175	30,606	1970	73,521,627	37,321
51-55	905	40,960,456	45,260	892	28,721,214	32,199	1797	69,681,670	38,777
56-60	464	20,656,364	44,518	542	16,256,254	29,993	1006	36,912,618	36,692
61-65	210	8,824,797	42,023	266	7,656,466	28,784	476	16,481,263	34,625
66-70	53	2,098,901	39,602	68	1,977,208	29,077	121	4,076,109	33,687
71-75	12	519,705	43,309	21	529,466	25,213	33	1,049,171	31,793
76-80	8	322,787	40,348	2	57,728	28,864	10	380,515	38,052
81-85	2	81,135	40,568	5	143,140	28,628	7	224,275	32,039
86-90	0	0	0	0	0	0	0	0	0
TOTAL	6,179	254,817,992	41,239	5,817	172,530,153	29,660	11,996	427,348,145	35,624

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	29	602,496	20,776	28	499,345	17,834	57	1,101,841	19,331
21-25	179	4,362,624	24,372	186	4,122,997	22,167	365	8,485,621	23,248
26-30	316	9,237,508	29,233	439	11,271,388	25,675	755	20,508,896	27,164
31-35	411	14,079,545	34,257	563	15,749,391	27,974	974	29,828,936	30,625
36-40	573	20,111,510	35,099	798	22,409,142	28,082	1,371	42,520,652	31,014
41-45	689	25,844,651	37,510	953	28,060,235	29,444	1,642	53,904,886	32,829
46-50	678	26,202,767	38,647	973	29,274,768	30,087	1,651	55,477,535	33,602
51-55	651	26,672,130	40,971	886	28,129,583	31,749	1,537	54,801,713	35,655
56-60	358	14,636,494	40,884	549	16,463,321	29,988	907	31,099,815	34,289
61-65	172	6,696,730	38,934	272	7,770,975	28,570	444	14,467,705	32,585
66-70	52	2,039,442	39,220	69	2,033,005	29,464	121	4,072,447	33,657
71-75	12	488,475	40,706	21	529,466	25,213	33	1,017,941	30,847
76-80	8	322,787	40,348	2	57,728	28,864	10	380,515	38,052
81-85	2	81,135	40,568	5	143,140	28,628	7	224,275	32,039
86-90	0	0	0	0	0	0	0	0	0
TOTAL	4,130	151,378,294	36,653	5,744	166,514,484	28,989	9,874	317,892,778	32,195

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	0	0	0	0	0	0
21-25	62	2,457,417	39,636	10	426,025	42,603	72	2,883,442	40,048
26-30	312	13,335,153	42,741	16	695,672	43,480	328	14,030,825	42,777
31-35	350	16,119,664	46,056	33	1,558,482	47,227	383	17,678,146	46,157
36-40	374	18,542,640	49,579	50	2,430,466	48,609	424	20,973,106	49,465
41-45	293	15,132,276	51,646	31	1,649,830	53,220	324	16,782,106	51,797
46-50	342	18,610,421	54,416	17	943,531	55,502	359	19,553,952	54,468
51-55	274	15,174,636	55,382	15	892,546	59,503	289	16,067,182	55,596
56-60	116	6,497,649	56,014	0	0	0	116	6,497,649	56,014
61-65	39	2,195,354	56,291	0	0	0	39	2,195,354	56,291
66-70	1	59,459	59,459	0	0	0	1	59,459	59,459
71-75	1	85,881	85,881	0	0	0	1	85,881	85,881
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	2,164	108,210,550	50,005	172	8,596,552	49,980	2,336	116,807,102	50,003

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	29	602,496	20,776	28	499,345	17,834	57	1,101,841	19,331
21-25	241	6,820,041	28,299	196	4,549,022	23,209	437	11,369,063	26,016
26-30	628	22,572,661	35,944	455	11,967,060	26,301	1083	34,539,721	31,893
31-35	761	30,199,209	39,684	596	17,307,873	29,040	1,357	47,507,082	35,009
36-40	947	38,654,150	40,817	848	24,839,608	29,292	1,795	63,493,758	35,373
41-45	982	40,976,927	41,728	984	29,710,065	30,193	1,966	70,686,992	35,955
46-50	1,020	44,813,188	43,934	990	30,218,299	30,524	2,010	75,031,487	37,329
51-55	925	41,846,766	45,240	901	29,022,129	32,211	1,826	70,868,895	38,811
56-60	474	21,134,143	44,587	549	16,463,321	29,988	1,023	37,597,464	36,752
61-65	211	8,892,084	42,143	272	7,770,975	28,570	483	16,663,059	34,499
66-70	53	2,098,901	39,602	69	2,033,005	29,464	122	4,131,906	33,868
71-75	13	574,356	44,181	21	529,466	25,213	34	1,103,822	32,465
76-80	8	322,787	40,348	2	57,728	28,864	10	380,515	38,052
81-85	2	81,135	40,568	5	143,140	28,628	7	224,275	32,039
86-90	0	0	0	0	0	0	0	0	0
TOTAL	6,294	259,588,844	41,244	5,916	175,111,036	29,600	12,210	434,699,880	35,602

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	1	18,651	18,651	0	0	0	1	18,651	18,651
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
0-4	1	18,651	18,651	0	0	0	1	18,651	18,651
5-9	29	893,908	30,824	53	1,259,919	23,772	82	2,153,827	26,266
10-14	15	593,207	39,547	20	610,385	30,519	35	1,203,592	34,388
15-19	6	185,196	30,866	15	362,405	24,160	21	547,601	26,076
20-24	7	267,660	38,237	4	92,169	23,042	11	359,829	32,711
25-29	5	176,111	35,222	5	175,250	35,050	10	351,361	35,136
30-34	2	95,843	47,921	1	27,369	27,369	3	123,212	41,070
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	65	2,230,576	34,316	98	2,527,497	25,790	163	4,758,073	29,190

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	1	35,394	35,394	0	0	0	1	35,394	35,394
1	1	41,346	41,346	0	0	0	1	41,346	41,346
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	2	76,740	38,370	0	0	0	2	76,740	38,370
5-9	7	332,005	47,429	0	0	0	7	332,005	47,429
10-14	6	278,361	46,393	1	53,386	53,386	7	331,747	47,392
15-19	8	401,483	50,185	0	0	0	8	401,483	50,185
20-24	6	337,851	56,308	0	0	0	6	337,851	56,308
25-29	16	848,934	53,058	0	0	0	16	848,934	53,058
30-34	1	55,725	55,725	0	0	0	1	55,725	55,725
35-39	4	209,177	52,294	0	0	0	4	209,177	52,294
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	50	2,540,276	50,805	1	53,386	53,386	51	2,593,662	50,856

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	1	35,394	35,394	0	0	0	1	35,394	35,394
1	1	41,346	41,346	0	0	0	1	41,346	41,346
2	1	18,651	18,651	0	0	0	1	18,651	18,651
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
0-4	3	95,391	31,797	0	0	0	3	95,391	31,797
5-9	36	1,225,913	34,053	53	1,259,919	23,772	89	2,485,832	27,931
10-14	21	871,568	41,503	21	663,771	31,608	42	1,535,339	36,556
15-19	14	586,679	41,906	15	362,405	24,160	29	949,084	32,727
20-24	13	605,511	46,578	4	92,169	23,042	17	697,680	41,040
25-29	21	1,025,045	48,812	5	175,250	35,050	26	1,200,295	46,165
30-34	3	151,568	50,523	1	27,369	27,369	4	178,937	44,734
35-39	4	209,177	52,294	0	0	0	4	209,177	52,294
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	115	4,770,852	41,486	99	2,580,883	26,070	214	7,351,735	34,354

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	268	7,458,268	27,829	451	10,546,213	23,384	719	18,004,481	25,041
1	350	9,306,705	26,590	566	14,090,396	24,894	916	23,397,101	25,542
2	234	7,669,343	32,774	344	8,415,112	24,462	578	16,084,455	27,827
3	197	5,855,068	29,721	293	7,230,165	24,676	490	13,085,233	26,704
4	220	6,457,559	29,352	320	7,642,762	23,883	540	14,100,321	26,111
0-4	1,269	36,746,943	28,957	1,974	47,924,648	24,277	3,243	84,671,591	26,109
5-9	773	26,305,643	34,030	1,232	33,368,615	27,084	2,005	59,674,258	29,762
10-14	523	20,420,032	39,044	718	22,739,450	31,670	1,241	43,159,482	34,777
15-19	551	22,579,175	40,978	714	23,828,070	33,372	1,265	46,407,245	36,685
20-24	400	17,395,528	43,488	421	14,830,414	35,226	821	32,225,942	39,252
25-29	294	13,553,785	46,101	354	12,502,805	35,318	648	26,056,590	40,210
30-34	162	7,634,299	47,125	182	6,741,753	37,042	344	14,376,052	41,790
35-39	77	3,649,623	47,397	44	1,736,930	39,475	121	5,386,553	44,516
40-44	14	742,953	53,068	6	280,273	46,712	20	1,023,226	51,161
45-49	2	119,737	59,868	1	34,029	34,029	3	153,766	51,255
TOTAL	4,065	149,147,718	36,690	5,646	163,986,987	29,044	9,711	313,134,705	32,245

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	58	2,096,136	36,140	6	232,233	38,705	64	2,328,369	36,380
1	150	6,027,642	40,184	24	991,413	41,308	174	7,019,055	40,339
2	38	1,716,585	45,173	2	97,244	48,622	40	1,813,829	45,345
3	49	2,202,574	44,950	4	178,196	44,549	53	2,380,770	44,920
4	136	5,740,210	42,207	6	260,237	43,372	142	6,000,447	42,256
0-4	431	17,783,147	41,260	42	1,759,323	41,888	473	19,542,470	41,316
5-9	366	17,150,569	46,859	34	1,621,629	47,694	400	18,772,198	46,930
10-14	289	14,406,659	49,850	27	1,378,431	51,053	316	15,785,090	49,952
15-19	301	15,897,327	52,815	42	2,180,571	51,918	343	18,077,898	52,705
20-24	247	13,151,153	53,243	20	1,153,568	57,678	267	14,304,721	53,575
25-29	339	19,050,815	56,197	4	286,116	71,529	343	19,336,931	56,375
30-34	81	4,712,617	58,180	2	163,528	81,764	83	4,876,145	58,748
35-39	51	2,950,065	57,844	0	0	0	51	2,950,065	57,844
40-44	8	482,041	60,255	0	0	0	8	482,041	60,255
45-49	1	85,881	85,881	0	0	0	1	85,881	85,881
TOTAL	2,114	105,670,274	49,985	171	8,543,166	49,960	2,285	114,213,440	49,984

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	326	9,554,404	29,308	457	10,778,446	23,585	783	20,332,850	25,968
1	500	15,334,347	30,669	590	15,081,809	25,562	1090	30,416,156	27,905
2	272	9,385,928	34,507	346	8,512,356	24,602	618	17,898,284	28,962
3	246	8,057,642	32,755	297	7,408,361	24,944	543	15,466,003	28,483
4	356	12,197,769	34,263	326	7,902,999	24,242	682	20,100,768	29,473
0-4	1700	54,530,090	32,077	2016	49,683,971	24,645	3716	104,214,061	28,045
5-9	1139	43,456,212	38,153	1266	34,990,244	27,638	2405	78,446,456	32,618
10-14	812	34,826,691	42,890	745	24,117,881	32,373	1557	58,944,572	37,858
15-19	852	38,476,502	45,160	756	26,008,641	34,403	1608	64,485,143	40,103
20-24	647	30,546,681	47,213	441	15,983,982	36,245	1088	46,530,663	42,767
25-29	633	32,604,600	51,508	358	12,788,921	35,723	991	45,393,521	45,806
30-34	243	12,346,916	50,810	184	6,905,281	37,529	427	19,252,197	45,087
35-39	128	6,599,688	51,560	44	1,736,930	39,476	172	8,336,618	48,469
40-44	22	1,224,994	55,682	6	280,273	46,712	28	1,505,267	53,760
45-49	3	205,618	68,539	1	34,029	34,029	4	239,647	59,912
TOTAL	6,179	254,817,992	41,239	5,817	172,530,153	29,660	11,996	427,348,145	35,624

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	268	7,458,268	27,829	451	10,546,213	23,384	719	18,004,481	25,041
1	350	9,306,705	26,591	566	14,090,396	24,895	916	23,397,101	25,543
2	235	7,687,994	32,715	344	8,415,112	24,463	579	16,103,106	27,812
3	197	5,855,068	29,721	293	7,230,165	24,676	490	13,085,233	26,705
4	220	6,457,559	29,353	320	7,642,762	23,884	540	14,100,321	26,112
0-4	1,270	36,765,594	28,949	1,974	47,924,648	24,278	3,244	84,690,242	26,107
5-9	802	27,199,551	33,915	1,285	34,628,534	26,948	2,087	61,828,085	29,625
10-14	538	21,013,239	39,058	738	23,349,835	31,639	1,276	44,363,074	34,767
15-19	557	22,764,371	40,870	729	24,190,475	33,183	1,286	46,954,846	36,512
20-24	407	17,663,188	43,398	425	14,922,583	35,112	832	32,585,771	39,166
25-29	299	13,729,896	45,919	359	12,678,055	35,315	658	26,407,951	40,134
30-34	164	7,730,142	47,135	183	6,769,122	36,990	347	14,499,264	41,785
35-39	77	3,649,623	47,398	44	1,736,930	39,476	121	5,386,553	44,517
40-44	14	742,953	53,068	6	280,273	46,712	20	1,023,226	51,161
45-49	2	119,737	59,869	1	34,029	34,029	3	153,766	51,255
TOTAL	4,130	151,378,294	36,653	5,744	166,514,484	28,989	9,874	317,892,778	32,195

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	59	2,131,530	36,128	6	232,233	38,706	65	2,363,763	36,366
1	151	6,068,988	40,192	24	991,413	41,309	175	7,060,401	40,345
2	38	1,716,585	45,173	2	97,244	48,622	40	1,813,829	45,346
3	49	2,202,574	44,950	4	178,196	44,549	53	2,380,770	44,920
4	136	5,740,210	42,207	6	260,237	43,373	142	6,000,447	42,257
0-4	433	17,859,887	41,247	42	1,759,323	41,889	475	19,619,210	41,304
5-9	373	17,482,574	46,870	34	1,621,629	47,695	407	19,104,203	46,939
10-14	295	14,685,020	49,780	28	1,431,817	51,136	323	16,116,837	49,897
15-19	309	16,298,810	52,747	42	2,180,571	51,918	351	18,479,381	52,648
20-24	253	13,489,004	53,316	20	1,153,568	57,678	273	14,642,572	53,636
25-29	355	19,899,749	56,056	4	286,116	71,529	359	20,185,865	56,228
30-34	82	4,768,342	58,151	2	163,528	81,764	84	4,931,870	58,713
35-39	55	3,159,242	57,441	0	0	0	55	3,159,242	57,441
40-44	8	482,041	60,255	0	0	0	8	482,041	60,255
45-49	1	85,881	85,881	0	0	0	1	85,881	85,881
TOTAL	2,164	108,210,550	50,005	172	8,596,552	49,980	2,336	116,807,102	50,003

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	327	9,589,798	29,327	457	10,778,446	23,585	784	20,368,244	25,980
1	501	15,375,693	30,690	590	15,081,809	25,562	1091	30,457,502	27,917
2	273	9,404,579	34,449	346	8,512,356	24,602	619	17,916,935	28,945
3	246	8,057,642	32,755	297	7,408,361	24,944	543	15,466,003	28,483
4	356	12,197,769	34,263	326	7,902,999	24,242	682	20,100,768	29,473
0-4	1,703	54,625,481	32,076	2,016	49,683,971	24,645	3,719	104,309,452	28,048
5-9	1,175	44,682,125	38,027	1,319	36,250,163	27,483	2,494	80,932,288	32,451
10-14	833	35,698,259	42,855	766	24,781,652	32,352	1,599	60,479,911	37,824
15-19	866	39,063,181	45,108	771	26,371,046	34,204	1,637	65,434,227	39,972
20-24	660	31,152,192	47,200	445	16,076,151	36,126	1,105	47,228,343	42,741
25-29	654	33,629,645	51,421	363	12,964,171	35,714	1,017	46,593,816	45,815
30-34	246	12,498,484	50,807	185	6,932,650	37,474	431	19,431,134	45,084
35-39	132	6,808,865	51,582	44	1,736,930	39,476	176	8,545,795	48,556
40-44	22	1,224,994	55,682	6	280,273	46,712	28	1,505,267	53,760
45-49	3	205,618	68,539	1	34,029	34,029	4	239,647	59,912
TOTAL	6,294	259,588,844	41,244	5,916	175,111,036	29,600	12,210	434,699,880	35,602

**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	1	0	0	0	0	0	0	1
	0	1,709	0	0	0	0	0	0	1,709
26-30	0	7	2	0	0	0	0	0	9
	0	22,130	40,693	0	0	0	0	0	26,255
31-35	0	14	8	0	0	0	0	0	22
	0	28,117	35,304	0	0	0	0	0	30,731
36-40	0	14	9	1	1	0	0	0	25
	0	26,118	33,959	25,456	29,775	0	0	0	29,061
41-45	1	21	6	10	1	1	0	0	40
	18,651	25,312	23,654	22,751	37,729	34,071	0	0	24,786
46-50	0	14	2	5	2	3	0	0	26
	0	25,437	33,280	25,346	31,726	37,358	0	0	27,882
51-55	0	5	3	4	4	1	3	0	20
	0	23,964	48,482	37,271	38,841	43,411	41,070	0	36,817
56-60	0	4	1	1	2	3	0	0	11
	0	40,486	55,158	18,811	24,143	29,418	0	0	33,859
61-65	0	1	4	0	1	1	0	0	7
	0	13,784	31,259	0	25,222	17,752	0	0	25,970
66-UP	0	1	0	0	0	1	0	0	2
	0	54,651	0	0	0	55,797	0	0	55,224
TOTAL	1	82	35	21	11	10	3	0	163
	18,651	26,266	34,388	26,076	32,711	35,136	41,070	0	29,190

**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	2	1	0	0	0	0	0	0	3
	38,370	40,349	0	0	0	0	0	0	39,029
31-35	0	1	0	0	0	0	0	0	1
	0	43,030	0	0	0	0	0	0	43,030
36-40	0	3	4	2	0	0	0	0	9
	0	49,232	46,306	55,404	0	0	0	0	49,303
41-45	0	2	3	3	0	1	0	0	9
	0	50,464	48,840	49,329	0	46,189	0	0	49,069
46-50	0	0	0	2	5	7	0	0	14
	0	0	0	48,215	57,478	57,298	0	0	56,065
51-55	0	0	0	1	1	6	1	0	9
	0	0	0	46,256	50,457	49,740	55,725	0	50,098
56-60	0	0	0	0	0	2	0	4	6
	0	0	0	0	0	51,605	0	52,294	52,064
61-65	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
66-UP	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
TOTAL	2	7	7	8	6	16	1	4	51
	38,370	47,429	47,392	50,185	56,308	53,058	55,725	52,294	50,856

**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	1	0	0	0	0	0	0	1
	0	1,709	0	0	0	0	0	0	1,709
26-30	2	8	2	0	0	0	0	0	12
	38,370	24,407	40,693	0	0	0	0	0	29,449
31-35	0	15	8	0	0	0	0	0	23
	0	29,111	35,304	0	0	0	0	0	31,266
36-40	0	17	13	3	1	0	0	0	34
	0	30,197	37,758	45,421	29,775	0	0	0	34,419
41-45	1	23	9	13	1	2	0	0	49
	18,651	27,499	32,049	28,884	37,729	40,130	0	0	29,246
46-50	0	14	2	7	7	10	0	0	40
	0	25,437	33,280	31,880	50,120	51,316	0	0	37,746
51-55	0	5	3	5	5	7	4	0	29
	0	23,964	48,482	39,068	41,164	48,836	44,734	0	40,939
56-60	0	4	1	1	2	5	0	4	17
	0	40,486	55,158	18,811	24,143	38,293	0	52,294	40,284
61-65	0	1	4	0	1	1	0	0	7
	0	13,784	31,259	0	25,222	17,752	0	0	25,970
66-UP	0	1	0	0	0	1	0	0	2
	0	54,651	0	0	0	55,797	0	0	55,224
TOTAL	3	89	42	29	17	26	4	4	214
	31,797	27,931	36,555	32,727	41,039	46,165	44,734	52,294	34,353

**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	56	1	0	0	0	0	0	0	57
	19,293	21,390	0	0	0	0	0	0	19,330
21-25	327	37	0	0	0	0	0	0	364
	23,021	25,833	0	0	0	0	0	0	23,307
26-30	524	187	35	0	0	0	0	0	746
	26,055	29,959	29,061	0	0	0	0	0	27,175
31-35	477	278	140	56	1	0	0	0	952
	27,337	32,850	35,368	35,671	31,496	0	0	0	30,622
36-40	500	360	230	219	37	0	0	0	1,346
	25,705	29,132	37,139	38,403	40,570	0	0	0	31,050
41-45	485	347	231	268	219	52	0	0	1,602
	26,377	29,839	35,594	38,677	41,111	41,817	0	0	33,029
46-50	376	306	216	269	223	204	31	0	1,625
	26,981	28,937	33,523	35,156	41,784	41,191	43,002	0	33,693
51-55	265	269	174	218	173	213	185	20	1,517
	28,252	29,759	36,108	34,827	38,911	42,377	43,485	44,742	35,639
56-60	146	133	143	132	92	110	78	62	896
	28,731	28,349	32,907	37,260	33,030	36,186	42,479	45,242	34,293
61-65	64	71	50	70	59	47	36	40	437
	23,307	29,091	29,596	35,245	33,375	36,516	34,050	46,761	32,690
66-UP	23	16	22	33	17	22	14	22	169
	17,641	26,492	32,571	36,315	37,188	34,354	32,781	45,145	33,045
TOTAL	3,243	2,005	1,241	1,265	821	648	344	144	9,711
	26,109	29,762	34,777	36,685	39,252	40,210	41,790	45,580	32,245

Metropolitan Government of Nashville and Davidson County Tennessee Pension Plan

**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	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
21-25	71	1	0	0	0	0	0	0	72
	40,065	38,823	0	0	0	0	0	0	40,047
26-30	232	87	6	0	0	0	0	0	325
	41,794	45,514	42,933	0	0	0	0	0	42,811
31-35	114	173	85	10	0	0	0	0	382
	41,541	47,580	49,641	44,835	0	0	0	0	46,165
36-40	38	104	130	137	6	0	0	0	415
	40,349	47,233	50,355	52,530	56,813	0	0	0	49,468
41-45	10	25	76	130	62	12	0	0	315
	40,015	45,789	50,483	53,560	53,916	54,436	0	0	51,874
46-50	4	7	15	53	121	141	4	0	345
	40,909	50,100	48,804	52,066	54,053	56,865	51,151	0	54,403
51-55	3	3	3	13	66	144	48	0	280
	42,242	44,794	47,313	54,653	52,140	56,889	59,779	0	55,772
56-60	0	0	1	0	11	39	29	30	110
	0	0	51,035	0	53,800	54,317	58,280	57,796	56,229
61-65	1	0	0	0	1	7	2	28	39
	41,910	0	0	0	47,445	50,752	55,996	58,526	56,291
66-UP	0	0	0	0	0	0	0	2	2
	0	0	0	0	0	0	0	72,670	72,670
TOTAL	473	400	316	343	267	343	83	60	2,285
	41,316	46,930	49,952	52,705	53,575	56,375	58,748	58,633	49,984

**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	56	1	0	0	0	0	0	0	57
	19,293	21,390	0	0	0	0	0	0	19,330
21-25	398	38	0	0	0	0	0	0	436
	26,062	26,175	0	0	0	0	0	0	26,071
26-30	756	274	41	0	0	0	0	0	1,071
	30,885	34,898	31,091	0	0	0	0	0	31,920
31-35	591	451	225	66	1	0	0	0	1,334
	30,077	38,500	40,760	37,059	31,496	0	0	0	35,073
36-40	538	464	360	356	43	0	0	0	1,761
	26,739	33,189	41,911	43,840	42,836	0	0	0	35,390
41-45	495	372	307	398	281	64	0	0	1,917
	26,653	30,911	39,280	43,538	43,936	44,183	0	0	36,126
46-50	380	313	231	322	344	345	35	0	1,970
	27,128	29,410	34,515	37,939	46,100	47,597	43,933	0	37,320
51-55	268	272	177	231	239	357	233	20	1,797
	28,409	29,925	36,298	35,943	42,564	48,231	46,842	44,742	38,776
56-60	146	133	144	132	103	149	107	92	1,006
	28,731	28,349	33,033	37,260	35,248	40,932	46,762	49,336	36,692
61-65	65	71	50	70	60	54	38	68	476
	23,593	29,091	29,596	35,245	33,610	38,361	35,205	51,605	34,624
66-UP	23	16	22	33	17	22	14	24	171
	17,641	26,492	32,571	36,315	37,188	34,354	32,781	47,439	33,508
TOTAL	3,716	2,405	1,557	1,608	1,088	991	427	204	11,996
	28,045	32,617	37,857	40,102	42,767	45,805	45,086	49,419	35,624

**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	56	1	0	0	0	0	0	0	57
	19,293	21,390	0	0	0	0	0	0	19,330
21-25	327	38	0	0	0	0	0	0	365
	23,021	25,198	0	0	0	0	0	0	23,248
26-30	524	194	37	0	0	0	0	0	755
	26,055	29,677	29,690	0	0	0	0	0	27,164
31-35	477	292	148	56	1	0	0	0	974
	27,337	32,623	35,365	35,671	31,496	0	0	0	30,624
36-40	500	374	239	220	38	0	0	0	1,371
	25,705	29,019	37,019	38,344	40,286	0	0	0	31,014
41-45	486	368	237	278	220	53	0	0	1,642
	26,361	29,581	35,292	38,104	41,096	41,671	0	0	32,828
46-50	376	320	218	274	225	207	31	0	1,651
	26,981	28,784	33,521	34,977	41,695	41,135	43,002	0	33,601
51-55	265	274	177	222	177	214	188	20	1,537
	28,252	29,653	36,318	34,871	38,909	42,382	43,446	44,742	35,654
56-60	146	137	144	133	94	113	78	62	907
	28,731	28,703	33,062	37,121	32,841	36,006	42,479	45,242	34,288
61-65	64	72	54	70	60	48	36	40	444
	23,307	28,878	29,719	35,245	33,239	36,125	34,050	46,761	32,584
66-UP	23	17	22	33	17	23	14	22	171
	17,641	28,148	32,571	36,315	37,188	35,286	32,781	45,145	33,304
TOTAL	3,244	2,087	1,276	1,286	832	658	347	144	9,874
	26,107	29,625	34,766	36,512	39,166	40,133	41,784	45,580	32,195

**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	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
21-25	71	1	0	0	0	0	0	0	72
	40,065	38,823	0	0	0	0	0	0	40,047
26-30	234	88	6	0	0	0	0	0	328
	41,765	45,455	42,933	0	0	0	0	0	42,776
31-35	114	174	85	10	0	0	0	0	383
	41,541	47,554	49,641	44,835	0	0	0	0	46,157
36-40	38	107	134	139	6	0	0	0	424
	40,349	47,289	50,234	52,571	56,813	0	0	0	49,464
41-45	10	27	79	133	62	13	0	0	324
	40,015	46,135	50,421	53,465	53,916	53,802	0	0	51,796
46-50	4	7	15	55	126	148	4	0	359
	40,909	50,100	48,804	51,926	54,189	56,885	51,151	0	54,468
51-55	3	3	3	14	67	150	49	0	289
	42,242	44,794	47,313	54,053	52,115	56,603	59,696	0	55,595
56-60	0	0	1	0	11	41	29	34	116
	0	0	51,035	0	53,800	54,185	58,280	57,149	56,014
61-65	1	0	0	0	1	7	2	28	39
	41,910	0	0	0	47,445	50,752	55,996	58,526	56,291
66-UP	0	0	0	0	0	0	0	2	2
	0	0	0	0	0	0	0	72,670	72,670
TOTAL	475	407	323	351	273	359	84	64	2,336
	41,304	46,939	49,897	52,648	53,635	56,227	58,712	58,237	50,003

**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	56	1	0	0	0	0	0	0	57
	19,293	21,390	0	0	0	0	0	0	19,330
21-25	398	39	0	0	0	0	0	0	437
	26,062	25,548	0	0	0	0	0	0	26,016
26-30	758	282	43	0	0	0	0	0	1,083
	30,905	34,600	31,538	0	0	0	0	0	31,892
31-35	591	466	233	66	1	0	0	0	1,357
	30,077	38,198	40,573	37,059	31,496	0	0	0	35,008
36-40	538	481	373	359	44	0	0	0	1,795
	26,739	33,083	41,767	43,853	42,540	0	0	0	35,372
41-45	496	395	316	411	282	66	0	0	1,966
	26,636	30,712	39,074	43,075	43,914	44,060	0	0	35,954
46-50	380	327	233	329	351	355	35	0	2,010
	27,128	29,240	34,505	37,810	46,180	47,702	43,933	0	37,328
51-55	268	277	180	236	244	364	237	20	1,826
	28,409	29,817	36,501	36,009	42,536	48,242	46,806	44,742	38,810
56-60	146	137	145	133	105	154	107	96	1,023
	28,731	28,703	33,185	37,121	35,037	40,846	46,762	49,459	36,751
61-65	65	72	54	70	61	55	38	68	483
	23,593	28,878	29,719	35,245	33,472	37,987	35,205	51,605	34,498
66-UP	23	17	22	33	17	23	14	24	173
	17,641	28,148	32,571	36,315	37,188	35,286	32,781	47,439	33,759
TOTAL	3,719	2,494	1,599	1,637	1,105	1,017	431	208	12,210
	28,048	32,450	37,823	39,972	42,740	45,814	45,083	49,474	35,602

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
2002	3	33,781	324,944	16,729	324,944
2003	1	5,793	67,046	38,686	392,227
2004	0	0	0	41,112	391,889
2005	4	34,416	373,270	62,054	762,671
2006	1	8,493	96,051	84,331	859,070
2007	2	7,301	86,796	89,169	943,978
2008	1	18,092	189,344	109,438	1,129,024
2009	2	27,621	297,169	137,775	1,419,114
2010	3	27,563	311,777	166,062	1,721,960
2011	7	76,158	806,948	212,658	2,518,428
2012	3	52,156	572,865	274,524	3,081,429
2013	3	53,431	580,896	352,053	3,648,548
2014	1	26,617	286,461	383,105	3,914,271
2015	0	0	0	409,234	3,879,643
2016	6	70,564	793,684	446,317	4,620,013
2017	7	197,242	2,102,204	591,507	6,663,845
2018	6	123,160	1,312,753	758,598	7,921,098
2019	6	106,748	1,111,749	899,362	8,961,228
2020	8	125,816	1,395,207	1,008,638	10,257,883
2021	6	124,707	1,367,586	1,158,421	11,506,283

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
2002	6	180,014	2,163,414	89,649	2,163,414
2003	0	0	0	186,561	2,213,004
2004	2	64,447	789,884	246,199	3,044,258
2005	0	0	0	266,970	3,096,497
2006	1	27,418	344,845	284,832	3,481,785
2007	2	89,950	1,138,937	354,979	4,658,160
2008	2	55,879	687,536	454,641	5,400,526
2009	3	106,163	1,301,810	573,184	6,756,402
2010	1	25,030	325,754	625,923	7,147,389
2011	3	107,838	1,341,335	731,818	8,537,352
2012	2	80,542	986,331	789,513	9,579,075
2013	4	172,225	2,039,916	923,106	11,665,333
2014	3	117,843	1,469,322	1,132,306	13,187,473
2015	2	76,775	918,397	1,260,101	14,150,548
2016	0	0	0	1,327,960	14,163,520
2017	0	0	0	1,353,149	14,119,754
2018	3	124,139	1,487,117	1,427,049	15,505,758
2019	3	131,295	1,610,608	1,562,415	16,991,375
2020	1	42,345	501,550	1,712,656	17,344,735
2021	1	44,619	528,492	1,776,206	17,667,568

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
2002	9	213,795	2,488,358	106,378	2,488,358
2003	1	5,793	67,046	225,247	2,605,231
2004	2	64,447	789,884	287,311	3,436,147
2005	4	34,416	373,270	329,024	3,859,168
2006	2	35,911	440,896	369,163	4,340,855
2007	4	97,251	1,225,733	444,148	5,602,138
2008	3	73,971	876,880	564,079	6,529,550
2009	5	133,784	1,598,979	710,959	8,175,516
2010	4	52,593	637,531	791,985	8,869,349
2011	10	183,996	2,148,283	944,476	11,055,780
2012	5	132,698	1,559,196	1,064,037	12,660,504
2013	7	225,656	2,620,812	1,275,159	15,313,881
2014	4	144,460	1,755,783	1,515,411	17,101,744
2015	2	76,775	918,397	1,669,335	18,030,191
2016	6	70,564	793,684	1,774,277	18,783,533
2017	7	197,242	2,102,204	1,944,656	20,783,599
2018	9	247,299	2,799,870	2,185,647	23,426,856
2019	9	238,043	2,722,357	2,461,777	25,952,603
2020	9	168,161	1,896,757	2,721,294	27,602,618
2021	7	169,326	1,896,078	2,934,627	29,173,851

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
2002	257	3,149,587	32,898,075	1,563,152	32,898,075
2003	233	3,050,936	33,471,922	4,807,138	66,896,102
2004	244	3,266,763	35,875,130	8,165,288	103,858,279
2005	261	3,509,747	38,563,424	11,764,705	143,989,095
2006	248	3,535,553	39,450,942	15,835,471	185,397,918
2007	262	4,104,004	45,399,586	20,066,071	233,061,260
2008	279	4,355,216	48,610,113	25,058,801	284,173,468
2009	277	4,429,226	49,638,100	30,123,559	336,469,581
2010	296	4,742,077	52,905,621	35,676,333	392,027,665
2011	277	4,867,704	54,543,274	41,345,691	449,061,168
2012	345	6,116,567	67,782,729	48,090,291	519,005,631
2013	300	5,273,868	58,055,182	54,865,764	578,895,320
2014	363	7,255,015	80,221,731	62,397,014	660,091,155
2015	342	6,267,017	69,983,617	70,551,173	730,439,804
2016	330	6,983,912	77,623,968	78,697,212	807,336,460
2017	365	7,640,966	84,223,393	87,404,604	889,599,204
2018	340	7,277,852	80,871,367	96,187,019	967,053,565
2019	350	7,364,363	81,869,428	105,196,946	1,043,717,447
2020	322	7,151,511	79,057,960	113,991,322	1,115,515,750
2021	349	7,868,457	87,332,442	122,645,479	1,193,152,905

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
2002	151	4,986,276	56,204,482	2,482,664	56,204,482
2003	35	1,042,559	12,335,288	5,586,100	69,851,903
2004	38	1,098,636	13,248,822	6,911,762	84,548,856
2005	46	1,519,516	17,795,731	8,554,037	103,928,806
2006	49	1,664,071	19,455,919	10,452,559	125,143,502
2007	54	1,790,892	20,751,707	12,615,635	147,800,492
2008	47	1,599,251	18,838,219	14,715,029	168,629,854
2009	51	2,037,397	22,976,857	17,000,494	193,576,316
2010	49	1,946,086	22,378,602	19,419,092	217,846,624
2011	63	2,565,386	29,361,188	22,198,320	248,944,547
2012	62	2,727,483	30,468,105	25,604,007	281,059,648
2013	70	3,109,497	35,118,304	29,107,588	317,569,915
2014	74	3,276,975	36,705,779	33,174,754	355,417,467
2015	63	2,829,128	32,163,665	36,804,666	388,332,880
2016	64	3,067,409	34,491,753	40,394,066	422,971,579
2017	76	3,789,610	42,822,260	44,753,684	465,224,943
2018	69	3,542,540	39,661,337	49,251,643	503,674,127
2019	61	3,125,620	35,722,568	53,226,899	537,269,433
2020	79	4,178,495	48,242,666	58,268,310	582,299,321
2021	84	4,606,914	51,912,793	63,194,732	630,148,973

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
2002	408	8,135,863	89,102,557	4,045,816	89,102,557
2003	268	4,093,495	45,807,210	10,393,238	136,748,005
2004	282	4,365,399	49,123,952	15,077,050	188,407,135
2005	307	5,029,263	56,359,155	20,318,742	247,917,901
2006	297	5,199,624	58,906,861	26,288,030	310,541,420
2007	316	5,894,896	66,151,293	32,681,706	380,861,752
2008	326	5,954,467	67,448,332	39,773,830	452,803,322
2009	328	6,466,623	72,614,957	47,124,053	530,045,897
2010	345	6,688,163	75,284,223	55,095,425	609,874,289
2011	340	7,433,090	83,904,462	63,544,011	698,005,715
2012	407	8,844,050	98,250,834	73,694,298	800,065,279
2013	370	8,383,365	93,173,486	83,973,352	896,465,235
2014	437	10,531,990	116,927,510	95,571,768	1,015,508,622
2015	405	9,096,145	102,147,282	107,355,839	1,118,772,684
2016	394	10,051,321	112,115,721	119,091,278	1,230,308,039
2017	441	11,430,576	127,045,653	132,158,288	1,354,824,147
2018	409	10,820,392	120,532,704	145,438,662	1,470,727,692
2019	411	10,489,983	117,591,996	158,423,845	1,580,986,880
2020	401	11,330,006	127,300,626	172,259,632	1,697,815,071
2021	433	12,475,371	139,245,235	185,840,211	1,823,301,878

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
2002	260	3,183,368	33,223,019	1,579,881	33,223,019
2003	234	3,056,729	33,538,968	4,845,824	67,288,329
2004	244	3,266,763	35,875,130	8,206,400	104,250,168
2005	265	3,544,163	38,936,694	11,826,759	144,751,766
2006	249	3,544,046	39,546,993	15,919,802	186,256,988
2007	264	4,111,305	45,486,382	20,155,240	234,005,238
2008	280	4,373,308	48,799,457	25,168,239	285,302,492
2009	279	4,456,847	49,935,269	30,261,334	337,888,695
2010	299	4,769,640	53,217,398	35,842,395	393,749,625
2011	284	4,943,862	55,350,222	41,558,349	451,579,596
2012	348	6,168,723	68,355,594	48,364,815	522,087,060
2013	303	5,327,299	58,636,078	55,217,817	582,543,868
2014	364	7,281,632	80,508,192	62,780,119	664,005,426
2015	342	6,267,017	69,983,617	70,960,407	734,319,447
2016	336	7,054,476	78,417,652	79,143,529	811,956,473
2017	372	7,838,208	86,325,597	87,996,111	896,263,049
2018	346	7,401,012	82,184,120	96,945,617	974,974,663
2019	356	7,471,111	82,981,177	106,096,308	1,052,678,675
2020	330	7,277,327	80,453,167	114,999,960	1,125,773,633
2021	355	7,993,164	88,700,028	123,803,900	1,204,659,188

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
2002	157	5,166,290	58,367,896	2,572,313	58,367,896
2003	35	1,042,559	12,335,288	5,772,661	72,064,907
2004	40	1,163,083	14,038,706	7,157,961	87,593,114
2005	46	1,519,516	17,795,731	8,821,007	107,025,303
2006	50	1,691,489	19,800,764	10,737,391	128,625,287
2007	56	1,880,842	21,890,644	12,970,614	152,458,652
2008	49	1,655,130	19,525,755	15,169,670	174,030,380
2009	54	2,143,560	24,278,667	17,573,678	200,332,718
2010	50	1,971,116	22,704,356	20,045,015	224,994,013
2011	66	2,673,224	30,702,523	22,930,138	257,481,899
2012	64	2,808,025	31,454,436	26,393,520	290,638,723
2013	74	3,281,722	37,158,220	30,030,694	329,235,248
2014	77	3,394,818	38,175,101	34,307,060	368,604,940
2015	65	2,905,903	33,082,062	38,064,767	402,483,428
2016	64	3,067,409	34,491,753	41,722,026	437,135,099
2017	76	3,789,610	42,822,260	46,106,833	479,344,697
2018	72	3,666,679	41,148,454	50,678,692	519,179,885
2019	64	3,256,915	37,333,176	54,789,314	554,260,808
2020	80	4,220,840	48,744,216	59,980,966	599,644,056
2021	85	4,651,533	52,441,285	64,970,938	647,816,541

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
2002	417	8,349,658	91,590,915	4,152,194	91,590,915
2003	269	4,099,288	45,874,256	10,618,485	139,353,236
2004	284	4,429,846	49,913,836	15,364,361	191,843,282
2005	311	5,063,679	56,732,425	20,647,766	251,777,069
2006	299	5,235,535	59,347,757	26,657,193	314,882,275
2007	320	5,992,147	67,377,026	33,125,854	386,463,890
2008	329	6,028,438	68,325,212	40,337,909	459,332,872
2009	333	6,600,407	74,213,936	47,835,012	538,221,413
2010	349	6,740,756	75,921,754	55,887,410	618,743,638
2011	350	7,617,086	86,052,745	64,488,487	709,061,495
2012	412	8,976,748	99,810,030	74,758,335	812,725,783
2013	377	8,609,021	95,794,298	85,248,511	911,779,116
2014	441	10,676,450	118,683,293	97,087,179	1,032,610,366
2015	407	9,172,920	103,065,679	109,025,174	1,136,802,875
2016	400	10,121,885	112,909,405	120,865,555	1,249,091,572
2017	448	11,627,818	129,147,857	134,102,944	1,375,607,746
2018	418	11,067,691	123,332,574	147,624,309	1,494,154,548
2019	420	10,728,026	120,314,353	160,885,622	1,606,939,483
2020	410	11,498,167	129,197,383	174,980,926	1,725,417,689
2021	440	12,644,697	141,141,313	188,774,838	1,852,475,729

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	0	0	0	5	41,501	8,300	5	41,501	8,300
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	10,952	10,952	0	0	0	1	10,952	10,952
36-40	7	65,154	9,307	7	91,436	26,401	14	156,590	24,540
	0	0	0	0	0	0	0	0	0
41-45	18	287,237	15,957	11	131,852	28,698	29	419,089	33,410
46-50	71	1,110,759	23,595	27	289,242	21,625	98	1,400,001	25,608
51-55	113	1,627,104	14,399	47	445,096	19,037	160	2,072,200	23,659
56-60	99	1,252,827	18,890	58	480,470	17,931	157	1,733,297	21,438
61-65	80	894,104	17,726	79	557,669	14,526	159	1,451,773	18,228
	0	0	0	0	0	0	0	0	0
66-70	9	60,360	6,706	31	268,454	8,659	40	328,814	8,220
71-75	3	17,302	5,767	22	130,596	5,936	25	147,898	5,915
76-80	1	4,387	4,387	10	18,663	1,866	11	23,050	2,095
81-85	0	0	0	7	11,722	1,674	7	11,722	1,674
86-90	0	0	0	0	0	0	0	0	0
TOTAL	402	5,330,186	13,259	304	2,466,701	8,114	706	7,796,887	11,044

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	6,606	6,606	1	6,606	6,606
36-40	0	0	0	0	0	0	0	0	0
41-45	0	0	0	4	20,817	5,204	4	20,817	5,204
46-50	1	2,392	2,392	6	45,567	7,594	7	47,959	6,851
51-55	7	78,459	18,455	11	46,588	8,392	18	125,047	13,893
56-60	16	219,760	33,360	21	137,784	13,390	37	357,544	31,400
61-65	44	549,870	27,317	77	672,503	23,866	121	1,222,373	26,339
66-70	109	995,528	20,266	194	1,200,121	19,011	303	2,195,649	21,248
71-75	182	1,309,353	18,135	369	2,067,808	16,701	551	3,377,161	17,837
76-80	169	1,024,357	13,349	349	1,649,971	13,272	518	2,674,328	13,902
81-85	78	381,423	11,326	190	701,586	10,498	268	1,083,009	10,803
86-90	43	124,331	5,659	105	315,803	7,935	148	440,134	7,906
TOTAL	649	4,685,473	7,220	1,327	6,865,154	5,173	1,976	11,550,627	5,845

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	2	18,048	9,024	0	0	0	2	18,048	9,024
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	1	18,229	18,229	0	0	0	1	18,229	18,229
51-55	11	254,580	23,143	1	21,162	21,162	12	275,742	22,978
56-60	14	317,734	36,642	3	28,292	15,837	17	346,026	47,475
61-65	25	517,860	42,625	4	44,672	28,269	29	562,532	50,723
66-70	34	565,650	36,681	3	45,178	36,522	37	610,828	45,826
71-75	14	134,056	19,035	1	4,765	4,765	15	138,821	23,800
76-80	3	53,199	17,733	0	0	0	3	53,199	17,733
81-85	0	0	0	1	3,060	3,060	1	3,060	3,060
86-90	2	5,220	5,220	0	0	0	2	5,220	5,220
TOTAL	106	1,884,576	17,779	13	147,129	11,318	119	2,031,705	17,073

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	18,048	9,024	5	41,501	8,300	7	59,549	8,507
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	10,952	10,952	1	6,606	6,606	2	17,558	8,779
36-40	7	65,154	9,308	7	91,436	13,062	14	156,590	11,185
	0	0	0	0	0	0	0	0	0
41-45	18	287,237	15,958	15	152,669	10,178	33	439,906	13,330
46-50	73	1,131,380	15,498	33	334,809	10,146	106	1,466,189	13,832
51-55	131	1,960,143	14,963	59	512,846	8,692	190	2,472,989	13,016
56-60	129	1,790,321	13,878	82	646,546	7,885	211	2,436,867	11,549
61-65	149	1,961,834	13,167	160	1,274,844	7,968	309	3,236,678	10,475
	0	0	0	0	0	0	0	0	0
66-70	152	1,621,538	10,668	228	1,513,753	6,639	380	3,135,291	8,251
71-75	199	1,460,711	7,340	392	2,203,169	5,620	591	3,663,880	6,199
76-80	173	1,081,943	6,254	359	1,668,634	4,648	532	2,750,577	5,170
81-85	78	381,423	4,890	198	716,368	3,618	276	1,097,791	3,978
86-90	45	129,551	2,879	105	315,803	3,008	150	445,354	2,969
TOTAL	1,157	11,900,235	10,285	1,644	9,478,984	5,766	2,801	21,379,219	7,633

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	0	0	0	1	15,830	15,830	1	15,830	15,830
21-25	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	18,202	18,202	2	18,202	18,202
31-35	3	51,828	17,276	2	30,681	15,340	5	82,509	16,501
36-40	19	321,206	29,345	10	120,077	18,690	29	441,283	25,731
41-45	26	467,100	37,388	14	198,256	26,495	40	665,356	32,493
46-50	49	814,654	23,337	24	266,636	22,081	73	1,081,290	24,276
51-55	50	710,512	14,210	49	494,713	19,475	99	1,205,225	21,614
56-60	36	466,602	12,961	62	665,646	21,270	98	1,132,248	22,146
61-65	23	293,747	19,761	25	257,893	27,084	48	551,640	21,533
66-70	1	6,002	6,002	0	0	0	1	6,002	6,002
71-75	0	0	0	2	27,428	27,428	2	27,428	27,428
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	207	3,131,651	15,129	191	2,095,362	10,970	398	5,227,013	13,133

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	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	0	0	0	0	0	0
36-40	0	0	0	2	14,651	7,325	2	14,651	7,325
41-45	1	6,087	6,087	5	42,198	8,439	6	48,285	8,047
46-50	3	31,974	18,258	2	15,777	15,777	5	47,751	17,962
51-55	21	279,486	38,867	22	128,106	15,868	43	407,592	37,744
56-60	53	1,018,864	35,349	64	693,443	28,984	117	1,712,307	38,967
61-65	140	2,352,955	35,396	253	2,640,164	31,037	393	4,993,119	33,844
66-70	197	2,421,502	28,427	306	2,832,401	25,538	503	5,253,903	26,688
71-75	83	928,187	18,241	105	918,456	14,361	188	1,846,643	15,971
76-80	14	170,023	22,856	16	166,933	10,433	30	336,956	21,715
81-85	4	54,919	23,339	4	29,203	7,300	8	84,122	18,488
86-90	0	0	0	1	8,100	8,100	1	8,100	8,100
TOTAL	516	7,263,997	14,078	780	7,489,432	9,602	1,296	14,753,429	11,384

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	0	0	0	3	18,003	6,001	3	18,003	6,001
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	1	10,863	10,863	0	0	0	1	10,863	10,863
41-45	0	0	0	3	49,539	16,513	3	49,539	16,513
46-50	5	65,708	13,141	1	12,612	12,612	6	78,320	25,753
51-55	48	1,103,689	46,002	14	146,681	21,843	62	1,250,370	57,746
56-60	68	1,640,338	28,553	15	182,307	26,505	83	1,822,645	34,792
61-65	75	1,809,488	24,126	16	186,580	33,952	91	1,996,068	44,973
66-70	43	1,276,181	29,678	6	114,895	39,290	49	1,391,076	47,454
71-75	11	326,416	29,674	2	44,433	22,216	13	370,849	28,526
76-80	3	109,748	36,582	0	0	0	3	109,748	36,582
81-85	0	0	0	0	0	0	0	0	0
86-90	0	0	0	0	0	0	0	0	0
TOTAL	254	6,342,431	24,970	60	755,050	12,584	314	7,097,481	22,603

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	0	0	0	4	33,833	8,458	4	33,833	8,458
21-25	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	18,202	9,101	2	18,202	9,101
31-35	3	51,828	17,276	2	30,681	15,341	5	82,509	16,502
36-40	20	332,069	16,603	12	134,728	11,227	32	466,797	14,587
41-45	27	473,187	17,525	22	289,993	13,182	49	763,180	15,575
46-50	57	912,336	16,006	27	295,025	10,927	84	1,207,361	14,373
51-55	119	2,093,687	17,594	85	769,500	9,053	204	2,863,187	14,035
56-60	157	3,125,804	19,910	141	1,541,396	10,932	298	4,667,200	15,662
61-65	238	4,456,190	18,723	294	3,084,637	10,492	532	7,540,827	14,174
66-70	241	3,703,685	15,368	312	2,947,296	9,446	553	6,650,981	12,027
71-75	94	1,254,603	13,347	109	990,317	9,085	203	2,244,920	11,059
76-80	17	279,771	16,457	16	166,933	10,433	33	446,704	13,536
81-85	4	54,919	13,730	4	29,203	7,301	8	84,122	10,515
86-90	0	0	0	1	8,100	8,100	1	8,100	8,100
TOTAL	977	16,738,079	17,132	1,031	10,339,844	10,029	2,008	27,077,923	13,485

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	0	0	0	6	57,331	9,555	6	57,331	9,555
21-25	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	18,202	9,101	2	18,202	9,101
31-35	4	62,780	15,695	2	30,681	15,341	6	93,461	15,577
36-40	26	386,360	14,860	17	211,513	12,442	43	597,873	13,904
41-45	44	754,337	17,144	25	330,108	13,204	69	1,084,445	15,717
46-50	120	1,925,413	16,045	51	555,878	10,900	171	2,481,291	14,510
51-55	163	2,337,616	14,341	96	939,809	9,790	259	3,277,425	12,654
56-60	135	1,719,429	12,737	120	1,146,116	9,551	255	2,865,545	11,237
61-65	103	1,187,851	11,533	104	815,562	7,842	207	2,003,413	9,678
66-70	10	66,362	6,636	31	268,454	8,660	41	334,816	8,166
71-75	3	17,302	5,767	24	158,024	6,584	27	175,326	6,494
76-80	1	4,387	4,387	10	18,663	1,866	11	23,050	2,095
81-85	0	0	0	7	11,722	1,675	7	11,722	1,675
86-90	0	0	0	0	0	0	0	0	0
TOTAL	609	8,461,837	13,895	495	4,562,063	9,216	1,104	13,023,900	11,797

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	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	6,606	6,606	1	6,606	6,606
36-40	0	0	0	2	14,651	7,326	2	14,651	7,326
41-45	1	6,087	6,087	9	63,015	7,002	10	69,102	6,910
46-50	4	34,366	8,592	8	61,344	7,668	12	95,710	7,976
51-55	28	357,945	12,784	33	174,694	5,294	61	532,639	8,732
56-60	69	1,238,624	17,951	85	831,227	9,779	154	2,069,851	13,441
61-65	184	2,902,825	15,776	330	3,312,667	10,038	514	6,215,492	12,092
66-70	306	3,417,030	11,167	500	4,032,522	8,065	806	7,449,552	9,243
71-75	265	2,237,540	8,444	474	2,986,264	6,300	739	5,223,804	7,069
76-80	183	1,194,380	6,527	365	1,816,904	4,978	548	3,011,284	5,495
81-85	82	436,342	5,321	194	730,789	3,767	276	1,167,131	4,229
86-90	43	124,331	2,891	106	323,903	3,056	149	448,234	3,008
TOTAL	1,165	11,949,470	10,257	2,107	14,354,586	6,813	3,272	26,304,056	8,039

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	2	18,048	9,024	3	18,003	6,001	5	36,051	7,210
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	1	10,863	10,863	0	0	0	1	10,863	10,863
41-45	0	0	0	3	49,539	16,513	3	49,539	16,513
46-50	6	83,937	13,990	1	12,612	12,612	7	96,549	13,793
51-55	59	1,358,269	23,022	15	167,843	11,190	74	1,526,112	20,623
56-60	82	1,958,072	23,879	18	210,599	11,700	100	2,168,671	21,687
61-65	100	2,327,348	23,273	20	231,252	11,563	120	2,558,600	21,322
66-70	77	1,841,831	23,920	9	160,073	17,786	86	2,001,904	23,278
71-75	25	460,472	18,419	3	49,198	16,399	28	509,670	18,203
76-80	6	162,947	27,158	0	0	0	6	162,947	27,158
81-85	0	0	0	1	3,060	3,060	1	3,060	3,060
86-90	2	5,220	2,610	0	0	0	2	5,220	2,610
TOTAL	360	8,227,007	22,853	73	902,179	12,359	433	9,129,186	21,084

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	2	18,048	9,024	9	75,334	16,758	11	93,382	16,965
21-25	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	18,202	9,101	2	18,202	9,101
31-35	4	62,780	28,228	3	37,287	21,947	7	100,067	25,281
36-40	27	397,223	25,911	19	226,164	24,290	46	623,387	25,772
41-45	45	760,424	33,483	37	442,662	23,359	82	1,203,086	28,906
46-50	130	2,043,716	31,504	60	629,834	21,073	190	2,673,550	28,205
51-55	250	4,053,830	32,557	144	1,282,346	17,745	394	5,336,176	27,051
56-60	286	4,916,125	33,788	223	2,187,942	18,817	509	7,104,067	27,211
61-65	387	6,418,024	31,890	454	4,359,481	18,460	841	10,777,505	24,649
66-70	393	5,325,223	26,036	540	4,461,049	16,086	933	9,786,272	20,278
71-75	293	2,715,314	20,687	501	3,193,486	14,706	794	5,908,800	17,258
76-80	190	1,361,714	22,711	375	1,835,567	15,081	565	3,197,281	18,707
81-85	82	436,342	18,620	202	745,571	10,919	284	1,181,913	14,493
86-90	45	129,551	2,879	106	323,903	11,108	151	453,454	11,069
TOTAL	2,134	28,638,314	13,420	2,675	19,818,828	7,409	4,809	48,457,142	10,076

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	6	89,331	14,888	6	88,710	30,415	12	178,041	30,984
1	0	0	0	5	43,871	21,274	5	43,871	21,274
2	7	102,379	27,347	7	97,462	13,923	14	199,841	32,186
3	3	69,667	23,222	7	41,470	11,957	10	111,137	22,227
4	6	71,265	31,539	10	100,719	14,563	16	171,984	24,357
0-4	22	332,642	25,025	35	372,232	20,634	57	704,874	25,702
5-9	179	2,698,652	22,582	102	1,046,841	20,671	281	3,745,493	24,704
10-14	146	1,844,915	18,916	103	774,558	15,434	249	2,619,473	19,908
15-19	36	343,004	9,527	34	182,343	10,152	70	525,347	14,200
20-24	10	72,623	7,262	20	71,021	8,784	30	143,644	9,832
25-29	9	38,350	4,261	8	18,511	4,997	17	56,861	6,136
30-34	0	0	0	2	1,195	597	2	1,195	597
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	402	5,330,186	13,259	304	2,466,701	8,114	706	7,796,887	20,434

TABLE VI-2

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION A

METRO GENERAL GOVERNMENT RETIRED LIVES

SERVICE	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS			
	GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
	0	6	42,805	12,636	19	140,703	14,280	25	183,508	14,772
	1	12	62,775	10,461	17	119,233	11,839	29	182,008	12,496
	2	55	821,768	19,870	78	777,426	26,611	133	1,599,194	28,440
	3	7	44,613	11,896	28	129,233	15,419	35	173,846	16,168
	4	4	33,013	8,253	18	83,050	9,053	22	116,063	10,556
	0-4	84	1,004,974	17,151	160	1,249,645	22,466	244	2,254,619	24,190
	5-9	143	1,002,748	18,118	329	1,910,651	17,316	472	2,913,399	18,254
	10-14	243	1,909,580	19,516	456	2,378,316	15,818	699	4,287,896	17,837
	15-19	101	497,552	11,896	221	823,859	10,585	322	1,321,411	11,273
	20-24	52	185,028	7,186	104	325,721	7,666	156	510,749	7,877
	25-29	25	81,991	6,518	52	161,503	6,572	77	243,494	6,648
	30-34	1	3,600	3,600	4	11,859	5,153	5	15,459	5,214
	35-39	0	0	0	1	3,600	3,600	1	3,600	3,600
	40-44	0	0	0	0	0	0	0	0	0
	45-49	0	0	0	0	0	0	0	0	0
TOTAL		649	4,685,473	7,220	1,327	6,865,154	5,173	1,976	11,550,627	5,845

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	3	35,517	26,493	1	5,221	5,221	4	40,738	25,225
1	0	0	0	0	0	0	0	0	0
2	39	1,064,227	27,287	3	76,177	51,662	42	1,140,404	54,300
3	0	0	0	0	0	0	0	0	0
4	0	0	0	2	26,574	13,287	2	26,574	13,287
0-4	42	1,099,744	36,066	6	107,972	39,249	48	1,207,716	39,753
5-9	17	288,799	32,793	2	18,664	18,664	19	307,463	43,142
10-14	28	358,344	26,649	3	12,141	7,762	31	370,485	28,508
15-19	12	95,449	14,219	1	3,060	3,060	13	98,509	13,916
20-24	4	31,759	15,823	0	0	0	4	31,759	15,823
25-29	3	10,481	6,140	1	5,292	5,292	4	15,773	6,457
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	106	1,884,576	17,779	13	147,129	11,318	119	2,031,705	17,073

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	15	167,653	11,177	26	234,634	9,024	41	402,287	9,812
1	12	62,775	5,231	22	163,104	7,414	34	225,879	6,644
2	101	1,988,374	19,687	88	951,065	10,808	189	2,939,439	15,553
3	10	114,280	11,428	35	170,703	4,877	45	284,983	6,333
4	10	104,278	10,428	30	210,343	7,011	40	314,621	7,866
0-4	148	2,437,360	16,469	201	1,729,849	8,606	349	4,167,209	11,940
5-9	339	3,990,199	11,770	433	2,976,156	6,873	772	6,966,355	9,024
10-14	417	4,112,839	9,863	562	3,165,015	5,632	979	7,277,854	7,434
15-19	149	936,005	6,282	256	1,009,262	3,942	405	1,945,267	4,803
20-24	66	289,410	4,385	124	396,742	3,200	190	686,152	3,611
25-29	37	130,822	3,536	61	185,306	3,038	98	316,128	3,226
30-34	1	3,600	3,600	6	13,054	2,176	7	16,654	2,379
35-39	0	0	0	1	3,600	3,600	1	3,600	3,600
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	1,157	11,900,235	10,285	1,644	9,478,984	5,766	2,801	21,379,219	7,633

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	43	750,085	23,718	36	531,478	22,387	79	1,281,563	23,177
1	45	766,281	28,454	52	589,415	22,890	97	1,355,696	25,997
2	34	471,216	25,967	28	299,230	23,093	62	770,446	24,811
3	33	436,749	19,875	25	190,882	18,263	58	627,631	19,593
4	20	294,302	14,715	24	237,987	18,047	44	532,289	20,223
0-4	175	2,718,633	24,857	165	1,848,992	22,138	340	4,567,625	24,120
5-9	32	413,018	31,647	26	246,370	9,475	58	659,388	30,171
10-14	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0
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	207	3,131,651	15,129	191	2,095,362	10,970	398	5,227,013	13,133

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	57	978,333	25,277	74	970,200	26,597	131	1,948,533	28,729
1	73	1,182,010	33,467	132	1,368,227	34,988	205	2,550,237	36,570
2	35	393,612	31,392	52	486,284	13,334	87	879,896	28,614
3	82	1,166,285	35,338	130	1,381,767	28,261	212	2,548,052	30,755
4	89	1,190,832	31,944	138	1,177,201	24,679	227	2,368,033	27,956
0-4	336	4,911,072	34,670	526	5,383,679	28,014	862	10,294,751	31,000
5-9	180	2,352,925	34,047	254	2,105,753	27,372	434	4,458,678	30,381
10-14	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0
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	516	7,263,997	14,078	780	7,489,432	9,602	1,296	14,753,429	11,384

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	45	910,550	24,733	26	237,024	22,318	71	1,147,574	29,871
1	83	2,273,097	38,451	14	191,258	25,032	97	2,464,355	36,641
2	6	136,990	22,831	8	128,102	35,713	14	265,092	36,678
3	45	1,227,035	50,516	4	80,659	40,329	49	1,307,694	67,441
4	32	766,097	50,927	5	82,082	32,736	37	848,179	66,417
0-4	211	5,313,769	57,975	57	719,125	26,101	268	6,032,894	62,067
5-9	43	1,028,662	42,830	3	35,925	19,637	46	1,064,587	58,636
10-14	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0
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	254	6,342,431	24,970	60	755,050	12,584	314	7,097,481	22,603

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	145	2,638,968	18,200	136	1,738,702	12,785	281	4,377,670	15,579
1	201	4,221,388	21,002	198	2,148,900	10,853	399	6,370,288	15,966
2	75	1,001,818	13,358	88	913,616	10,382	163	1,915,434	11,751
3	160	2,830,069	17,688	159	1,653,308	10,398	319	4,483,377	14,054
4	141	2,251,231	15,966	167	1,497,270	8,966	308	3,748,501	12,170
0-4	722	12,943,474	17,927	748	7,951,796	10,631	1,470	20,895,270	14,214
5-9	255	3,794,605	14,881	283	2,388,048	8,438	538	6,182,653	11,492
10-14	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0
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	977	16,738,079	17,132	1,031	10,339,844	10,029	2,008	27,077,923	13,485

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

SERVICE	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS			
	GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
	0	49	839,416	17,131	42	620,188	14,766	91	1,459,604	16,040
	1	45	766,281	17,028	57	633,286	11,110	102	1,399,567	13,721
	2	41	573,595	13,990	35	396,692	11,334	76	970,287	12,767
	3	36	506,416	14,067	32	232,352	7,261	68	738,768	10,864
	4	26	365,567	14,060	34	338,706	9,962	60	704,273	11,738
	0-4	197	3,051,275	15,489	200	2,221,224	11,106	397	5,272,499	13,281
	5-9	211	3,111,670	14,747	128	1,293,211	10,103	339	4,404,881	12,994
	10-14	146	1,844,915	12,636	103	774,558	7,520	249	2,619,473	10,520
	15-19	36	343,004	9,528	34	182,343	5,363	70	525,347	7,505
	20-24	10	72,623	7,262	20	71,021	3,551	30	143,644	4,788
	25-29	9	38,350	4,261	8	18,511	2,314	17	56,861	3,345
	30-34	0	0	0	2	1,195	598	2	1,195	598
	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		609	8,461,837	13,895	495	4,562,063	9,216	1,104	13,023,900	11,797

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

SERVICE	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS			
	GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
	0	63	1,021,138	16,209	93	1,110,903	11,945	156	2,132,041	13,667
	1	85	1,244,785	14,645	149	1,487,460	9,983	234	2,732,245	11,676
	2	90	1,215,380	13,504	130	1,263,710	9,721	220	2,479,090	11,269
	3	89	1,210,898	13,606	158	1,511,000	9,563	247	2,721,898	11,020
	4	93	1,223,845	13,160	156	1,260,251	8,079	249	2,484,096	9,976
	0-4	420	5,916,046	14,086	686	6,633,324	9,670	1,106	12,549,370	11,347
	5-9	323	3,355,673	10,389	583	4,016,404	6,889	906	7,372,077	8,137
	10-14	243	1,909,580	7,858	456	2,378,316	5,216	699	4,287,896	6,134
	15-19	101	497,552	4,926	221	823,859	3,728	322	1,321,411	4,104
	20-24	52	185,028	3,558	104	325,721	3,132	156	510,749	3,274
	25-29	25	81,991	3,280	52	161,503	3,106	77	243,494	3,162
	30-34	1	3,600	3,600	4	11,859	2,965	5	15,459	3,092
	35-39	0	0	0	1	3,600	3,600	1	3,600	3,600
	40-44	0	0	0	0	0	0	0	0	0
	45-49	0	0	0	0	0	0	0	0	0
TOTAL		1,165	11,949,470	10,257	2,107	14,354,586	6,813	3,272	26,304,056	8,039

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	48	946,067	19,710	27	242,245	8,972	75	1,188,312	15,844
1	83	2,273,097	27,387	14	191,258	13,661	97	2,464,355	25,406
2	45	1,201,217	26,694	11	204,279	18,571	56	1,405,496	25,098
3	45	1,227,035	27,267	4	80,659	20,165	49	1,307,694	26,688
4	32	766,097	23,941	7	108,656	15,522	39	874,753	22,430
0-4	253	6,413,513	25,350	63	827,097	13,129	316	7,240,610	22,913
5-9	60	1,317,461	21,958	5	54,589	10,918	65	1,372,050	21,108
10-14	28	358,344	12,798	3	12,141	4,047	31	370,485	11,951
15-19	12	95,449	7,954	1	3,060	3,060	13	98,509	7,578
20-24	4	31,759	7,940	0	0	0	4	31,759	7,940
25-29	3	10,481	3,494	1	5,292	5,292	4	15,773	3,943
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	360	8,227,007	22,853	73	902,179	12,359	433	9,129,186	21,084

TABLE VI-12

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

COMBINED

METRO TOTALS - RETIRED LIVES

SERVICE	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
	GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL
0	160	2,806,621	29,377	162	1,973,336	21,809	322	4,779,957	25,391
1	213	4,284,163	26,233	220	2,312,004	18,267	433	6,596,167	22,609
2	176	2,990,192	33,044	176	1,864,681	21,190	352	4,854,873	27,304
3	170	2,944,349	29,116	194	1,824,011	15,275	364	4,768,360	20,387
4	151	2,355,509	26,394	197	1,707,613	15,977	348	4,063,122	20,036
0-4	870	15,380,834	34,396	949	9,681,645	19,237	1,819	25,062,479	26,155
5-9	594	7,784,804	26,651	716	5,364,204	15,312	1,310	13,149,008	20,516
10-14	417	4,112,839	9,863	562	3,165,015	5,632	979	7,277,854	7,434
15-19	149	936,005	6,282	256	1,009,262	3,942	405	1,945,267	4,803
20-24	66	289,410	4,385	124	396,742	3,200	190	686,152	3,611
25-29	37	130,822	3,536	61	185,306	3,038	98	316,128	3,226
30-34	1	3,600	3,600	6	13,054	2,176	7	16,654	2,379
35-39	0	0	0	1	3,600	3,600	1	3,600	3,600
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
TOTAL	2,134	28,638,314	13,420	2,675	19,818,828	7,409	4,809	48,457,142	10,076

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
2002	707	7,796,879	77,123,626	3,893,430	77,123,626
2003	0	0	0	7,764,074	76,164,708
2004	0	0	0	7,739,186	75,151,001
2005	0	0	0	7,712,020	74,080,169
2006	0	0	0	7,682,387	72,949,868
2007	0	0	0	7,650,088	71,757,761
2008	0	0	0	7,614,796	70,501,521
2009	0	0	0	7,576,158	69,178,961
2010	0	0	0	7,534,019	67,788,088
2011	0	0	0	7,488,072	66,326,927
2012	0	0	0	7,437,754	64,793,668
2013	0	0	0	7,382,483	63,186,925
2014	0	0	0	7,321,754	61,505,766
2015	0	0	0	7,254,837	59,749,673
2016	0	0	0	7,180,896	57,918,812
2017	0	0	0	7,099,079	56,014,155
2018	0	0	0	7,008,261	54,037,515
2019	0	0	0	6,907,389	51,991,938
2020	0	0	0	6,795,660	49,881,642
2021	0	0	0	6,672,051	47,711,891

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
2002	1,976	11,550,621	118,316,637	6,976,797	141,517,666
2003	0	0	0	14,109,990	139,843,997
2004	0	0	0	14,224,806	137,654,790
2005	0	0	0	14,294,638	134,955,373
2006	0	0	0	14,315,655	131,756,265
2007	0	0	0	14,284,446	128,074,377
2008	0	0	0	14,197,855	123,933,129
2009	0	0	0	14,053,772	119,362,686
2010	0	0	0	13,849,809	114,399,177
2011	0	0	0	13,584,561	109,085,685
2012	0	0	0	13,258,332	103,471,702
2013	0	0	0	12,871,539	97,611,591
2014	0	0	0	12,425,507	91,564,512
2015	0	0	0	11,925,121	85,394,264
2016	0	0	0	11,373,484	79,164,888
2017	0	0	0	10,775,894	72,942,762
2018	0	0	0	10,140,440	66,794,072
2019	0	0	0	9,475,926	60,781,080
2020	0	0	0	8,792,413	54,960,723
2021	0	0	0	8,099,419	49,382,155

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
2002	119	2,031,707	26,791,896	1,109,153	29,146,700
2003	0	0	0	2,279,218	29,503,060
2004	0	0	0	2,337,751	29,783,778
2005	0	0	0	2,393,655	29,984,844
2006	0	0	0	2,446,574	30,102,236
2007	0	0	0	2,496,214	30,132,080
2008	0	0	0	2,542,129	30,070,571
2009	0	0	0	2,583,760	29,914,182
2010	0	0	0	2,620,653	29,659,866
2011	0	0	0	2,652,008	29,304,927
2012	0	0	0	2,676,825	28,847,528
2013	0	0	0	2,694,458	28,287,104
2014	0	0	0	2,703,976	27,623,942
2015	0	0	0	2,704,437	26,859,665
2016	0	0	0	2,694,964	25,997,407
2017	0	0	0	2,674,805	25,041,799
2018	0	0	0	2,643,774	23,999,053
2019	0	0	0	2,600,897	22,876,268
2020	0	0	0	2,545,630	21,682,617
2021	0	0	0	2,478,232	20,429,062

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

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2002	6	50,675	671,150	25,284	671,150
2003	3	18,450	235,033	54,169	918,994
2004	5	59,414	686,340	89,587	1,621,800
2005	6	22,977	250,301	147,353	1,900,813
2006	5	23,247	222,724	175,174	2,154,110
2007	3	21,012	178,261	201,141	2,362,391
2008	8	54,448	455,026	250,020	2,844,913
2009	2	16,825	126,436	294,217	3,001,425
2010	6	51,707	350,535	333,346	3,376,742
2011	3	17,637	109,616	373,747	3,508,037
2012	4	19,735	116,128	407,029	3,637,711
2013	6	40,540	218,302	446,093	3,860,868
2014	2	11,964	71,025	481,134	3,928,853
2015	4	24,124	118,054	509,498	4,032,909
2016	8	43,585	190,288	560,294	4,198,245
2017	3	18,577	70,144	592,586	4,232,650
2018	3	14,662	55,020	625,405	4,237,841
2019	3	15,879	51,309	649,759	4,224,767
2020	3	18,198	55,039	665,502	4,200,298
2021	1	5,408	15,938	690,579	4,121,544

TABLE VII-5
PROJECTION OF BENEFIT PAYOUT
DIVISION A
METRO TOTALS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2002	2,808	21,429,882	222,903,309	12,004,664	248,459,142
2003	3	18,450	235,033	24,207,451	246,430,759
2004	5	59,414	686,340	24,391,330	244,211,369
2005	6	22,977	250,301	24,547,666	240,921,199
2006	5	23,247	222,724	24,619,790	236,962,479
2007	3	21,012	178,261	24,631,889	232,326,609
2008	8	54,448	455,026	24,604,800	227,350,134
2009	2	16,825	126,436	24,507,907	221,457,254
2010	6	51,707	350,535	24,337,827	215,223,873
2011	3	17,637	109,616	24,098,388	208,225,576
2012	4	19,735	116,128	23,779,940	200,750,609
2013	6	40,540	218,302	23,394,573	192,946,488
2014	2	11,964	71,025	22,932,371	184,623,073
2015	4	24,124	118,054	22,393,893	176,036,511
2016	8	43,585	190,288	21,809,638	167,279,352
2017	3	18,577	70,144	21,142,364	158,231,366
2018	3	14,662	55,020	20,417,880	149,068,481
2019	3	15,879	51,309	19,633,971	139,874,053
2020	3	18,198	55,039	18,799,205	130,725,280
2021	1	5,408	15,938	17,940,281	121,644,652

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
2002	398	5,227,010	49,664,750	2,608,570	49,664,750
2003	0	0	0	5,194,624	49,016,181
2004	0	0	0	5,170,031	48,335,364
2005	0	0	0	5,143,338	47,621,523
2006	0	0	0	5,114,551	46,873,838
2007	0	0	0	5,083,608	46,091,437
2008	0	0	0	5,050,253	45,273,446
2009	0	0	0	5,014,534	44,419,159
2010	0	0	0	4,976,199	43,527,773
2011	0	0	0	4,934,930	42,598,634
2012	0	0	0	4,890,569	41,631,316
2013	0	0	0	4,842,743	40,625,478
2014	0	0	0	4,791,217	39,581,073
2015	0	0	0	4,735,817	38,498,238
2016	0	0	0	4,676,209	37,377,271
2017	0	0	0	4,612,079	36,218,771
2018	0	0	0	4,543,121	35,023,649
2019	0	0	0	4,468,854	33,793,161
2020	0	0	0	4,388,851	32,529,084
2021	0	0	0	4,302,782	31,233,721

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
2002	1,296	14,753,428	167,122,242	7,674,860	174,743,072
2003	0	0	0	15,475,502	172,904,292
2004	0	0	0	15,577,130	170,638,374
2005	0	0	0	15,652,642	167,938,039
2006	0	0	0	15,699,700	164,798,050
2007	0	0	0	15,715,945	161,215,906
2008	0	0	0	15,698,621	157,192,150
2009	0	0	0	15,644,420	152,731,131
2010	0	0	0	15,550,147	147,842,086
2011	0	0	0	15,412,521	142,539,504
2012	0	0	0	15,228,189	136,843,644
2013	0	0	0	14,994,247	130,781,186
2014	0	0	0	14,708,096	124,385,277
2015	0	0	0	14,367,326	117,695,646
2016	0	0	0	13,970,682	110,758,950
2017	0	0	0	13,517,684	103,627,963
2018	0	0	0	13,008,225	96,361,026
2019	0	0	0	12,443,528	89,022,004
2020	0	0	0	11,826,258	81,679,105
2021	0	0	0	11,161,199	74,403,404

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
2002	314	7,097,477	88,206,853	3,653,294	91,138,308
2003	0	0	0	7,387,843	90,694,459
2004	0	0	0	7,460,064	90,055,667
2005	0	0	0	7,522,329	89,216,581
2006	0	0	0	7,573,883	88,172,697
2007	0	0	0	7,613,656	86,920,177
2008	0	0	0	7,640,527	85,456,341
2009	0	0	0	7,653,387	83,779,854
2010	0	0	0	7,650,868	81,890,801
2011	0	0	0	7,631,656	79,791,206
2012	0	0	0	7,594,385	77,485,133
2013	0	0	0	7,537,546	74,978,919
2014	0	0	0	7,459,842	72,281,572
2015	0	0	0	7,360,155	69,404,741
2016	0	0	0	7,237,414	66,362,685
2017	0	0	0	7,090,832	63,172,533
2018	0	0	0	6,919,833	59,854,053
2019	0	0	0	6,724,196	56,429,706
2020	0	0	0	6,503,962	52,924,317
2021	0	0	0	6,260,005	49,364,963

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

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2002	4	86,931	937,105	43,240	931,548
2003	3	37,767	428,323	98,915	1,352,553
2004	4	51,590	495,014	164,455	1,839,793
2005	5	39,538	367,207	202,894	2,194,841
2006	7	87,589	745,704	270,823	2,924,680
2007	2	20,998	166,086	324,617	3,071,239
2008	8	116,268	816,252	388,907	3,861,767
2009	12	134,027	895,783	543,085	4,723,947
2010	13	153,015	921,738	660,563	5,603,861
2011	22	205,822	1,172,434	857,431	6,723,370
2012	8	95,480	530,645	1,038,247	7,189,613
2013	18	189,236	954,885	1,161,839	8,066,700
2014	14	138,795	635,717	1,368,188	8,611,950
2015	12	145,767	605,937	1,505,348	9,109,574
2016	12	81,829	325,714	1,613,099	9,308,406
2017	11	81,255	298,011	1,708,414	9,459,777
2018	16	148,975	489,367	1,827,760	9,781,891
2019	10	93,977	304,735	1,987,184	9,897,821
2020	14	96,388	274,741	2,071,669	9,962,385
2021	8	61,571	159,180	2,145,055	9,889,192

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

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2002	2,012	27,164,846	305,930,950	13,979,964	316,477,678
2003	3	37,767	428,323	28,156,884	313,967,485
2004	4	51,590	495,014	28,371,680	310,869,198
2005	5	39,538	367,207	28,521,203	306,970,984
2006	7	87,589	745,704	28,658,957	302,769,265
2007	2	20,998	166,086	28,737,826	297,298,759
2008	8	116,268	816,252	28,778,308	291,783,704
2009	12	134,027	895,783	28,855,426	285,654,091
2010	13	153,015	921,738	28,837,777	278,864,521
2011	22	205,822	1,172,434	28,836,538	271,652,714
2012	8	95,480	530,645	28,751,390	263,149,706
2013	18	189,236	954,885	28,536,375	254,452,283
2014	14	138,795	635,717	28,327,343	244,859,872
2015	12	145,767	605,937	27,968,646	234,708,199
2016	12	81,829	325,714	27,497,404	223,807,312
2017	11	81,255	298,011	26,929,009	212,479,044
2018	16	148,975	489,367	26,298,939	201,020,619
2019	10	93,977	304,735	25,623,762	189,142,692
2020	14	96,388	274,741	24,790,740	177,094,891
2021	8	61,571	159,180	23,869,041	164,891,280

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

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2002	1,105	13,023,889	126,788,376	6,502,000	126,788,376
2003	0	0	0	12,958,698	125,180,889
2004	0	0	0	12,909,217	123,486,365
2005	0	0	0	12,855,358	121,701,692
2006	0	0	0	12,796,938	119,823,706
2007	0	0	0	12,733,696	117,849,198
2008	0	0	0	12,665,049	115,774,967
2009	0	0	0	12,590,692	113,598,120
2010	0	0	0	12,510,218	111,315,861
2011	0	0	0	12,423,002	108,925,561
2012	0	0	0	12,328,323	106,424,984
2013	0	0	0	12,225,226	103,812,403
2014	0	0	0	12,112,971	101,086,839
2015	0	0	0	11,990,654	98,247,911
2016	0	0	0	11,857,105	95,296,083
2017	0	0	0	11,711,158	92,232,926
2018	0	0	0	11,551,382	89,061,164
2019	0	0	0	11,376,243	85,785,099
2020	0	0	0	11,184,511	82,410,726
2021	0	0	0	10,974,833	78,945,612

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
2002	3,272	26,304,049	285,438,879	14,651,657	316,260,738
2003	0	0	0	29,585,492	312,748,289
2004	0	0	0	29,801,936	308,293,164
2005	0	0	0	29,947,280	302,893,412
2006	0	0	0	30,015,355	296,554,315
2007	0	0	0	30,000,391	289,290,283
2008	0	0	0	29,896,476	281,125,279
2009	0	0	0	29,698,192	272,093,817
2010	0	0	0	29,399,956	262,241,263
2011	0	0	0	28,997,082	251,625,189
2012	0	0	0	28,486,521	240,315,346
2013	0	0	0	27,865,786	228,392,777
2014	0	0	0	27,133,603	215,949,789
2015	0	0	0	26,292,447	203,089,910
2016	0	0	0	25,344,166	189,923,838
2017	0	0	0	24,293,578	176,570,725
2018	0	0	0	23,148,665	163,155,098
2019	0	0	0	21,919,454	149,803,084
2020	0	0	0	20,618,671	136,639,828
2021	0	0	0	19,260,618	123,785,559

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
2002	433	9,129,184	114,998,749	4,762,447	120,285,008
2003	0	0	0	9,667,061	120,197,519
2004	0	0	0	9,797,815	119,839,445
2005	0	0	0	9,915,984	119,201,425
2006	0	0	0	10,020,457	118,274,933
2007	0	0	0	10,109,870	117,052,257
2008	0	0	0	10,182,656	115,526,912
2009	0	0	0	10,237,147	113,694,036
2010	0	0	0	10,271,521	111,550,667
2011	0	0	0	10,283,664	109,096,133
2012	0	0	0	10,271,210	106,332,661
2013	0	0	0	10,232,004	103,266,023
2014	0	0	0	10,163,818	99,905,514
2015	0	0	0	10,064,592	96,264,406
2016	0	0	0	9,932,378	92,360,092
2017	0	0	0	9,765,637	88,214,332
2018	0	0	0	9,563,607	83,853,106
2019	0	0	0	9,325,093	79,305,974
2020	0	0	0	9,049,592	74,606,934
2021	0	0	0	8,738,237	69,794,025

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

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2002	10	137,606	1,608,255	68,524	1,602,698
2003	6	56,217	663,356	153,084	2,271,547
2004	9	111,004	1,181,354	254,042	3,461,593
2005	11	62,515	617,508	350,247	4,095,654
2006	12	110,836	968,428	445,997	5,078,790
2007	5	42,010	344,347	525,758	5,433,630
2008	16	170,716	1,271,278	638,927	6,706,680
2009	14	150,852	1,022,219	837,302	7,725,372
2010	19	204,722	1,272,273	993,909	8,980,603
2011	25	223,459	1,282,050	1,231,178	10,231,407
2012	12	115,215	646,773	1,445,276	10,827,324
2013	24	229,776	1,173,187	1,607,932	11,927,568
2014	16	150,759	706,742	1,849,322	12,540,803
2015	16	169,891	723,991	2,014,846	13,142,483
2016	20	125,414	516,002	2,173,393	13,506,651
2017	14	99,832	368,155	2,301,000	13,692,427
2018	19	163,637	544,387	2,453,165	14,019,732
2019	13	109,856	356,044	2,636,943	14,122,588
2020	17	114,586	329,780	2,737,171	14,162,683
2021	9	66,979	175,118	2,835,634	14,010,736

TABLE VII-15
PROJECTION OF BENEFIT PAYOUT
COMBINED
METRO TOTALS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2002	4,820	48,594,728	528,834,259	25,984,628	564,936,820
2003	6	56,217	663,356	52,364,335	560,398,244
2004	9	111,004	1,181,354	52,763,010	555,080,567
2005	11	62,515	617,508	53,068,869	547,892,183
2006	12	110,836	968,428	53,278,747	539,731,744
2007	5	42,010	344,347	53,369,715	529,625,368
2008	16	170,716	1,271,278	53,383,108	519,133,838
2009	14	150,852	1,022,219	53,363,333	507,111,345
2010	19	204,722	1,272,273	53,175,604	494,088,394
2011	25	223,459	1,282,050	52,934,926	479,878,290
2012	12	115,215	646,773	52,531,330	463,900,315
2013	24	229,776	1,173,187	51,930,948	447,398,771
2014	16	150,759	706,742	51,259,714	429,482,945
2015	16	169,891	723,991	50,362,539	410,744,710
2016	20	125,414	516,002	49,307,042	391,086,664
2017	14	99,832	368,155	48,071,373	370,710,410
2018	19	163,637	544,387	46,716,819	350,089,100
2019	13	109,856	356,044	45,257,733	329,016,745
2020	17	114,586	329,780	43,589,945	307,820,171
2021	9	66,979	175,118	41,809,322	286,535,932

**TABLE VIII-1
PROJECTION OF BENEFIT PAYOUT
METRO DISABLED RETIRED LIVES**

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2002	0	6,502,000	6,502,000
2003	0	12,958,698	12,958,698
2004	0	12,909,217	12,909,217
2005	0	12,855,358	12,855,358
2006	0	12,796,938	12,796,938
2007	0	12,733,696	12,733,696
2008	0	12,665,049	12,665,049
2009	0	12,590,692	12,590,692
2010	0	12,510,218	12,510,218
2011	0	12,423,002	12,423,002
2012	0	12,328,323	12,328,323
2013	0	12,225,226	12,225,226
2014	0	12,112,971	12,112,971
2015	0	11,990,654	11,990,654
2016	0	11,857,105	11,857,105
2017	0	11,711,158	11,711,158
2018	0	11,551,382	11,551,382
2019	0	11,376,243	11,376,243
2020	0	11,184,511	11,184,511
2021	0	10,974,833	10,974,833

**TABLE VIII-2
PROJECTION OF BENEFIT PAYOUT
METRO GENERAL GOVERNMENT**

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2002	1,579,881	14,651,657	16,231,538
2003	4,845,824	29,585,492	34,431,316
2004	8,206,400	29,801,936	38,008,336
2005	11,826,759	29,947,280	41,774,039
2006	15,919,802	30,015,355	45,935,157
2007	20,155,240	30,000,391	50,155,631
2008	25,168,239	29,896,476	55,064,715
2009	30,261,334	29,698,192	59,959,526
2010	35,842,395	29,399,956	65,242,351
2011	41,558,349	28,997,082	70,555,431
2012	48,364,815	28,486,521	76,851,336
2013	55,217,817	27,865,786	83,083,603
2014	62,780,119	27,133,603	89,913,722
2015	70,960,407	26,292,447	97,252,854
2016	79,143,529	25,344,166	104,487,695
2017	87,996,111	24,293,578	112,289,689
2018	96,945,617	23,148,665	120,094,282
2019	106,096,308	21,919,454	128,015,762
2020	114,999,960	20,618,671	135,618,631
2021	123,803,900	19,260,618	143,064,518

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

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2002	2,572,313	4,762,447	7,334,760
2003	5,772,661	9,667,061	15,439,722
2004	7,157,961	9,797,815	16,955,776
2005	8,821,007	9,915,984	18,736,991
2006	10,737,391	10,020,457	20,757,848
2007	12,970,614	10,109,870	23,080,484
2008	15,169,670	10,182,656	25,352,326
2009	17,573,678	10,237,147	27,810,825
2010	20,045,015	10,271,521	30,316,536
2011	22,930,138	10,283,664	33,213,802
2012	26,393,520	10,271,210	36,664,730
2013	30,030,694	10,232,004	40,262,698
2014	34,307,060	10,163,818	44,470,878
2015	38,064,767	10,064,592	48,129,359
2016	41,722,026	9,932,378	51,654,404
2017	46,106,833	9,765,637	55,872,470
2018	50,678,692	9,563,607	60,242,299
2019	54,789,314	9,325,093	64,114,407
2020	59,980,966	9,049,592	69,030,558
2021	64,970,938	8,738,237	73,709,175

**TABLE VIII-4
PROJECTION OF BENEFIT PAYOUT
METRO DEFERRED**

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2002	0	68,524	68,524
2003	0	153,084	153,084
2004	0	254,042	254,042
2005	0	350,247	350,247
2006	0	445,997	445,997
2007	0	525,758	525,758
2008	0	638,927	638,927
2009	0	837,302	837,302
2010	0	993,909	993,909
2011	0	1,231,178	1,231,178
2012	0	1,445,276	1,445,276
2013	0	1,607,932	1,607,932
2014	0	1,849,322	1,849,322
2015	0	2,014,846	2,014,846
2016	0	2,173,393	2,173,393
2017	0	2,301,000	2,301,000
2018	0	2,453,165	2,453,165
2019	0	2,636,943	2,636,943
2020	0	2,737,171	2,737,171
2021	0	2,835,634	2,835,634

**TABLE VIII-5
PROJECTION OF BENEFIT PAYOUT
METRO TOTAL**

CALENDAR YEAR	ACTIVE	RETIRED	TOTAL
2002	4,152,194	25,984,628	30,136,822
2003	10,618,485	52,364,335	62,982,820
2004	15,364,361	52,763,010	68,127,371
2005	20,647,766	53,068,869	73,716,635
2006	26,657,193	53,278,747	79,935,940
2007	33,125,854	53,369,715	86,495,569
2008	40,337,909	53,383,108	93,721,017
2009	47,835,012	53,363,333	101,198,345
2010	55,887,410	53,175,604	109,063,014
2011	64,488,487	52,934,926	117,423,413
2012	74,758,335	52,531,330	127,289,665
2013	85,248,511	51,930,948	137,179,459
2014	97,087,179	51,259,714	148,346,893
2015	109,025,174	50,362,539	159,387,713
2016	120,865,555	49,307,042	170,172,597
2017	134,102,944	48,071,373	182,174,317
2018	147,624,309	46,716,819	194,341,128
2019	160,885,622	45,257,733	206,143,355
2020	174,980,926	43,589,945	218,570,871
2021	188,774,838	41,809,322	230,584,160

TABLE IX
ESTABLISHMENT OF VALUATION ASSETS
JULY 1, 2002

	<u>Trust Fund A</u> <u>(Disability)</u>	<u>Trust Fund B</u> <u>(Gen Govt)</u>	<u>Trust Fund C</u> <u>(Fire & Police)</u>	<u>Total</u>
1. Market Value Assets on June 30, 2001	\$62,085,316	\$925,565,108	\$416,345,856	\$1,403,996,280
2. Contributions				
a. By employees	0	120,615	10,424	131,039
b. By employer	11,795,967	9,885,095	4,797,130	26,478,192
c. Other	446,462	6,575,318	2,978,220	10,000,000
3. Investment income	(5,305,464)	(77,262,215)	(35,219,965)	(117,787,644)
4. Disbursements to employees and beneficiaries	(11,671,986)	(30,573,859)	(8,365,724)	(50,611,569)
5. Market Value Assets on June 30, 2002	57,350,295	834,310,062	380,545,941	1,272,206,298
6. Expected Income at 8%	4,971,785	73,222,482	33,165,342	111,359,609
7. Excess Income Base, Current Year, (3) - (6)	na	na	na	(229,147,253)
8. Excess Income Base, Preceding Year	na	na	na	(294,431,835)
9. Excess Income Base, Second Preceding Year	na	na	na	139,343,867
10. Excess Income Base, Third Preceding Year	na	na	na	34,951,989
11. Excess Income Base, Fourth Preceding Year	na	na	na	48,080,044
Adjustment to Market Value Assets,				
12. .8*(7) + .6*(8) + .4*(9) + .2*(10)	na	na	na	(297,248,959)
13. Valuation Assets, June 30, 2002, (5) - (12)	\$70,750,099	\$1,029,245,268	\$469,459,890	\$1,569,455,257

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

	Trust Fund A (Disability)	Trust Fund B (Gen. Gov.)	Trust Fund C (Fire & Police)	Total
1. Present Value of Benefits	\$218,089,407	\$1,145,826,198	\$595,540,334	\$1,959,455,939
2. Past Service Liability (or assets if larger)	169,923,976	1,029,245,268	469,459,890	1,668,629,134
3. Present Value of Future Employee Contributions	0	0	0	0
4. Present Value of Employer Normal Costs ((1)-(2)-(3))	48,165,431	116,580,930	126,080,444	290,826,805
5. Present Value of Future Salaries*	4,333,812,964	3,028,539,054	1,305,273,910	4,333,812,964
6. Normal Cost Percentage ((4)/(5))	1.111%	3.849%	9.659%	6.522%
7. Current Payroll*	434,699,880	317,892,778	116,807,102	434,699,880
8. Normal Cost ((6) - (7))	4,831,198	12,237,001	11,282,759	28,350,958

*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 (Disability)</u>	<u>Trust Fund B (Gen. Gov.)</u>	<u>Trust Fund C (Fire & Police)</u>	<u>Total</u>
<i>Development of Amortization Contributions</i>				
1. Present Value of Benefits	\$218,089,407	\$1,145,826,198	\$595,540,334	\$1,959,455,939
2. Present Value of Future Employee Contributions	0	0	0	0
3. Present Value of Future Normal Costs	48,165,431	116,580,930	126,080,444	290,826,805
4. Existing Assets	70,750,099	1,029,245,268	469,459,890	1,569,455,257
5. Unfunded Past Service Liability (1)-(2)-(3)-(4)	99,173,877	0	0	99,173,877
6. Amortization Contributions				
a. No amortization - int. only (.0741 x (5))	7,346,213	0	0	7,346,213
b. 16-year amortization (.104608 x (5))	10,374,381	0	0	10,374,381
<i>Development of Total Costs</i>				
7. Normal Cost	\$4,831,198	\$12,237,001	\$11,282,759	\$28,350,961
8. Total Cost				
a. No amortization ((7)+(6a))x1.04 % of payroll	12,664,507 2.913%	12,726,481 4.003%	11,734,070 10.046%	37,125,062 8.540%
b. 16-year amortization ((7)+(6b))x1.04 % of payroll	15,813,802 3.638%	12,726,481 4.003%	11,734,070 10.046%	40,274,352 9.265%

TABLE XIII
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
<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	160.00	47.00	7.00	---
Fire and Police	30.00	8.00	2.00	---
<u>Salary Scale</u>				
Declining Scale to age 65	1.074	1.064	1.053	1.046
<u>Compensation Basis</u>				
	Gross pay for prior year			

TABLE XIII (Continued)

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

Disability Rates

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: 127% of Class 2 - 1985 Disability Study					
Males	0.81	2.53	10.54	28.78	
Females	0.70	3.20	10.85	22.77	
Fire and Police: 127% of Class 4 - 1985 Disability Study (pre-55)					
Males:	2.25	6.45	17.20	---	
Females:	1.32	5.80	16.85	---	
50% of disabled members eligible for Social Security disability benefits					
One-sixth of disabled members return to work, at 75% of pre-disability salaries					

Rate of Death and Recovery Among Disabled Lives

Male: 75% of Pension Benefit Guaranty Corporation	36.20	20.90	28.70	45.20	
Female: Pension Benefit Guaranty Corporation	26.30	21.40	25.70	33.10	

Social Security Benefit Projection Rate

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

TABLE XIII (Continued)

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

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 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	6	7	8	7	7	6	6	6	5
	60	61	62	63	64	65	66	67	
Fire and Police	7	8	9	6	5	3	2	2	

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 XIV

**SUMMARY OF ACTUARIAL ASSUMPTIONS
ASSUMPTIONS PRIOR TO JUNE 30, 2002
(Sample Values per 1,000 Lives)**

	Age			
	20	35	50	60
<u>Mortality Rates</u>				
Male: 1994 Uninsured Pensioner Table	.55	.92	2.77	8.58
Female: 1994 Uninsured Pensioner Table	.31	.51	1.54	4.77
<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	160.00	50.00	20.00	---
Fire and Police	30.00	8.00	2.00	---
<u>Salary Scale</u>				
5% annual increase to age 65	1.05	1.05	1.05	1.05
<u>Compensation Basis</u>				
	Gross pay for prior year			
<u>Disability Rates</u>				
<i>Division A:</i>				
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				

TABLE XIV

**SUMMARY OF ACTUARIAL ASSUMPTIONS
ASSUMPTIONS PRIOR TO JUNE 30, 2002
(Sample Values per 1,000 Lives)**

Division B:

General Government: 127% of Class 2 - 1985 Disability Study				
Males	0.81	2.53	10.54	28.78
Females	0.70	3.20	10.85	22.77
Fire and Police: 127% of Class 4 - 1985 Disability Study (pre-55)				
Males:	2.25	6.45	17.20	---
Females:	1.32	5.80	16.85	---
50% of disabled members eligible for Social Security disability benefits				
One-sixth of disabled members return to work, at 75% of pre-disability salaries				

Rate of Death and Recovery Among Disabled Lives

Male: 75% of Pension Benefit Guaranty Corporation	36.20	20.90	28.70	45.20
Female: Pension Benefit Guaranty Corporation	26.30	21.40	25.70	33.10

Social Security Benefit Projection Rate

Wage base escalation at 4.00% per annum
Consumer price index at 3.25% per annum

Rate of Normal Retirement

	Percent Rating at Age							
	55	56	57	58	59	60	61	62
<i>Division A:</i>								
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	--	--	--	--	--	--	--	--

TABLE XIV

**SUMMARY OF ACTUARIAL ASSUMPTIONS
ASSUMPTIONS PRIOR TO JUNE 30, 2002
(Sample Values per 1,000 Lives)**

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-5	NRA-4	NRA-3	NRA-2	NRA-1	NRA	NRA+1	NRA+2
General Government	7	2	5	5	10	25	25	25

	Rates of Retirement							
	NRA+3	NRA+4	NRA+5	NRA+6	NRA+7	NRA+8	NRA+9	NRA+10
General Government	25	25	25	50	50	50	50	100

An additional 15% and 30% of participants in excess of the percentages above are assumed to retire upon attainment of ages 62 and 65 respectively.

	Percent Rating at Age							
	53	54	55	56	57	58	59	60
Fire and Police	2	2	5	14	15	12	10	40

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.

TABLE XV
ACTUARIAL CERTIFICATION

The actuarial valuation summarized in this report has been performed utilizing generally accepted actuarial principles and is based on actuarial assumptions which we consider to be reasonably related, in the aggregate, to experience under the plan and to reasonable expectations. It is our opinion that the results fully and fairly disclose the actuarial position of the plan on the valuation date.

_____ Date	_____ Anthony S. Johnston, F.S.A. Enrollment Number 02-2748
_____ Date	_____ S. Kevin Sullivan, F.S.A. Enrollment Number 02-6235