# METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY TENNESSEE PENSION PLAN

VALUATION AND REPORT AS OF JUNE 30, 2005



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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, 2005. 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, 2006.

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 The disability and pension provisions for the System serve as successors to the following superseded retirement systems: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As of the date of establishment, all members of the superseded systems were given the opportunity to transfer to the new System.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Active participants in the existing Metro plan (which was renamed "Division A"), as well as active participants in the superseded plans, were given the opportunity to transfer to Division B effective January 1, 1996.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 Reports on the superseded plans are prepared separately.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, 2005 valuation. ("General Government" figures include the Board of Education, since both groups are covered by the provisions of Chapters 3.32 and 3.33.)

Group	Number	Compensation
General Government	9,767	\$331,736,732
Firemen and Policemen	2,722	142,795,009
Total	12,489	\$474,531,741

This table includes 126 General Government employees with compensation of \$4,175,982 and 50 Firemen and Policemen with compensation of \$2,970,792 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):

		Annual Retirement Allowances	
Type Retirement	Number	Basic	Current
<b>Division A</b>			
Disabled	572	\$6,277,905	\$6,277,905
<b>General Government</b>	1,744	10,552,703	13,133,860
Fire and Police	103	1,488,448	1,686,543
Total	2,419	\$18,319,056	\$21,098,308
Division B			
Disabled	476	\$5,822,790	\$5,822,790
<b>General Government</b>	1,926	24,030,260	25,270,615
Fire and Police	905	18,954,162	19,555,112
Total	3,307	\$48,807,212	\$50,648,517
<u>Total</u>			
Disabled	1,048	\$12,100,695	\$12,100,695
<b>General Government</b>	3,670	34,582,963	38,404,475
Fire and Police	1,008	20,442,610	21,241,655
Total	5,726	\$67,126,268 \$71,746,82	

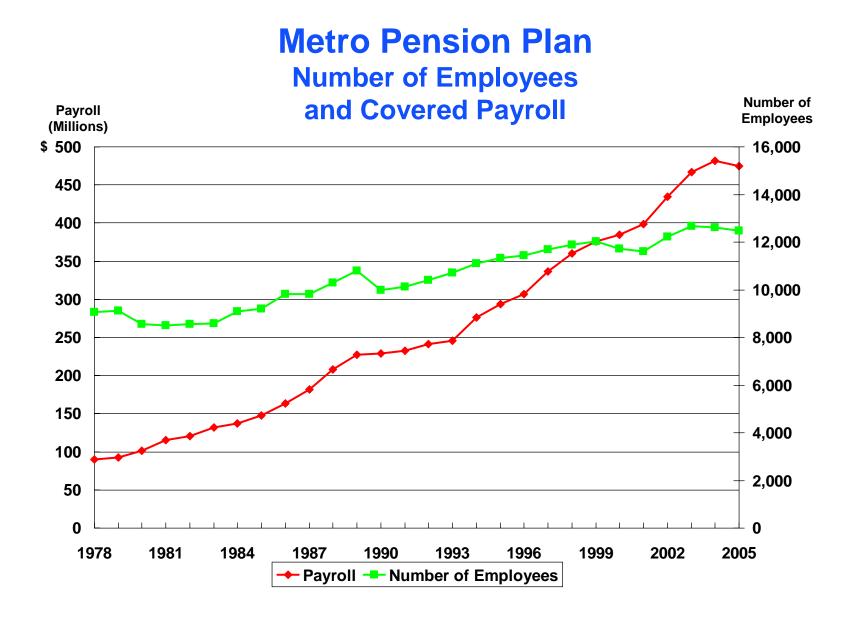
In addition, another 1,397 individuals have terminated employment but have vested benefits, as listed in Table XII of the Appendix.

The table below shows how the figures given above compare with equivalent figures in the June 30, 2004 valuation.

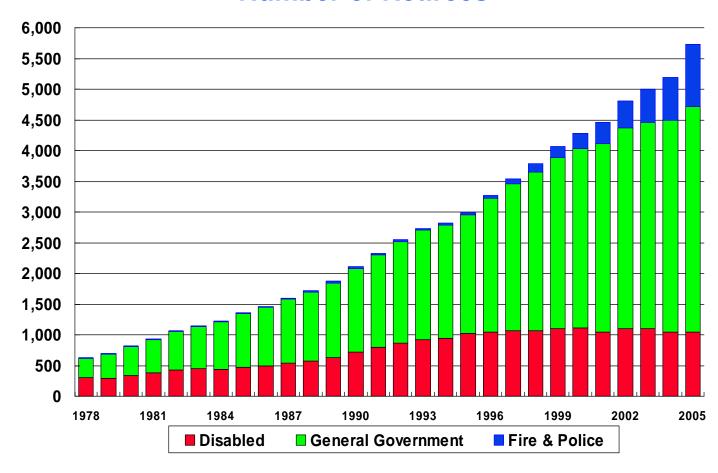
	June 30, 2004	<b>June 30, 2005</b>	Increase	Percent Increas e
Number of Active Participants	12,619	12,489	(130)	(1.0%)
Payroll	\$481,881,171	\$474,531,741	(\$7,349,430)	(1.5%)
Average Salary	\$38,187	\$37,995	(\$192)	(0.5%)
Number of Retired Participants	5,186	5,726	540	10.4%
Annual Benefits	\$60,715,007	\$71,737,030	\$11,022,023	18.2%

The table below shows how the estimated number of deferred vested participants compared with equivalent figures in the June, 30, 2004 valuation.

	June 30, 2004	June 30, 2005	Increase	Percent Increase
<b>Number of Deferred Vested</b>				
Participants	1,270	1,397	127	10.0%
Annual Benefits	\$11,570,048	\$10,070,413	(\$1,499,635)	(13.0%)



# 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, 2005 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

Trust Fund A	Trust Fund B	Trust Fund C	
(Disability)	(Gen. Gov.)	(Fire & Police)	Total

#### Statutory Minimum (No Amortization of Unfunded Past Service Liability)

Contribution	11,496,309	28,834,944	28,944,456	69,275,709
% of Payroll*	2.423%	8.692%	20.270%	14.599%

#### 13-Year Amortization (by 2018) of Unfunded Past Service Liability

Contribution	14,976,042	28,834,944	35,137,782	78,948,768
% of Payroll*	3.156%	8.692%	24.607%	16.637%

<sup>\*&</sup>quot;Disability" and "Total" costs are expressed as a percentage of total eligible payroll of \$474,531,741. "General Government" and "Fire and Police" costs are expressed as percentages of the eligible payrolls of those groups --- \$331,736,732 and \$142,795,009 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, 2005. 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, 2005 DIVISIONS A AND B COMBINED

	Trust Fund A (Disability)	Trust Fund B (Gen. Gov.)	Trust Fund C (Fire & Police)	Total
<u>ASSETS</u>				
Present assets:	\$85,632,937	\$1,030,194,982	\$486,457,444	\$1,602,285,363
Present value of prospective contributions payable by Metr	·o:			
Metro:				
Normal	\$52,476,598	\$258,510,028	\$197,716,016	\$508,702,642
Past Service	77,674,414	0	138,247,079	215,921,493
Total	\$130,151,012	\$258,510,028	\$335,963,095	\$724,624,135
Members	0	0	0	0
Total Prospective Contributions	130,151,012	258,510,028	335,963,095	724,624,135
Total Assets	\$215,783,949	\$1,288,705,010	\$822,420,539	\$2,326,909,498
<u>LIABILITIES</u>				
Present value of prospective benefits payable on account of	<b>:</b>			
Present retired members and contingent				
annuitants	122,661,553	416,698,728	248,716,858	788,077,139
<b>Present active members</b>	93,122,396	872,006,282	573,703,681	1,538,832,359
Total Liabilities	\$215,783,949	\$1,288,705,010	\$822,420,539	\$2,326,909,498

For the 2005-06 fiscal year, Metro is contributing to the plan at the rate of 13.86% of covered payroll. This rate was adopted by the Board following the presentation of the June 30, 2004 valuation report.

#### Actuarial Experience

The employer contribution rate of 16.64% developed in this valuation represents an increase of 2.78% from last year's recommended rate of 13.86%. Although a detailed gain and loss analysis has not been performed, several factors can be identified as affecting this year's rate:

- 1. <u>Investments</u> The market value dollar weighted investment return for the prior year was 8.29%. The return was greater than the actuarially assumed return rate of 8.00%. The full measure of the current year gain is not recognized in contribution calculations due to the smoothing process used in determining valuation assets. Partial recognition of current year gains in combination with the portion of gains and losses from prior years recognized in the current year produced an effective rate of return on the valuation asset basis of 1.86% resulting in a contribution increase of 2.36% of compensation.
- 2. <u>Assumption Change</u> With the June 30, 2004 valuation, the disability rate assumption for currently active members was dropped to 60% of the level used in the June 30, 2003 valuation. This was based on Legal Opinion 2004-047, issued on August 27, 2004 by the Department of Law of the Metropolitan government. The legal opinion concludes that the standards currently being applied for all general government medical disabilities and in line-of-duty disabilities after two years do not match the provisions of the plan. Under the provisions of the plan, these general government disabled members must satisfy an "any occupation" standard similar to that required for eligibility for OASDI disability benefits. During the time the impact of the legal opinion and possible changes to the plan provisions have been under consideration, no changes have occurred in the implementation of the current disability benefit. Therefore, for the June 30, 2005 valuation, the assumed rates of disability have been changed to those used in the June 30, 2003 valuation, based on the experience of the plan observed during the 1997-2002 plan years. The net effect of this change is a 0.46% of compensation increase in the contribution rate.
- 3. <u>Compensation</u> increase rates for continuing active participants during the year averaged 1.96% and were lower than the actuarially assumed average increase of 5.60%. The net effect of salary adjustments is that liability increases were less than expected. Compensation increases less than expected are responsible for a decrease in the recommended contribution of approximately 0.28% of compensation.
- 4. <u>Delayed implementation of contribution rate</u> Rates determined by the Board are implemented in the year following the valuation date. Contribution recommendations from the June 30, 2004 valuation are delayed and not implemented until the plan year beginning July 1, 2005. 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 2004-2005 plan year were based on the 12.17% contribution rate adopted by the Board while the recommended contribution rate was 13.86%. Contributions less than expected caused a contribution increase of 0.20% of compensation.

- 5. <u>COLA adjustments</u> for the year preceding the valuation date were different than the rates anticipated by the actuarial assumptions resulting in a contribution rate decline of 0.10% of compensation. Benefits to Division A and B retirees increased by 2.50% and 1.00%, respectively. The Division A rate was lower than the 2.75% anticipated by the 2004 valuation. The Division B rate was also lower than the anticipated 1.75% rate.
- 6. <u>New entrants</u> for whom implicit contribution rates are different than the prevailing contribution rate resulted in a decrease in the employer contribution rate of 0.04% of payroll. New entrant contribution rates do not have the effect of actuarial gains and losses (primarily associated with investment returns) that tend to cause the aggregate contribution rate to differ from the long-term expected rate.

The net effect of these factors was a 2.60% increase in the required contribution rate. The net result of all other variations of actual from assumed experience produced a decrease in the overall contribution rate of 0.18%. These variations will be analyzed as part of the next 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, as of the current valuation date under the "five-year smoothing" asset valuation method, the plan has not yet recognized approximately \$6,080,000 of investment gains. Recognition of those amounts will be taken gradually over the next few years. The pattern of recognition of these gains and losses is such that the final pieces of the losses from 2002 and 2003 must be recognized over the next two years and will have the effect of pushing contribution rates higher over that period. After the full effect of these investment losses is realized, contribution rates are expected to begin a slow decline towards a long-term trend rate of approximately 12%. Of course, deviations from other actuarial assumptions (salary increases, turnover/retirement, disability, etc.) could alter the required contribution rate. Furthermore, future changes to the underlying actuarial assumptions will likely change the long-term trend rate.

#### C. FUNDING STATUS

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

## Metropolitan Government of Nashville and Davidson County Tennessee Pension Plan Schedule of Funding Progress June 30, 2005

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, 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%
June 30, 2003	1,569,047,675	1,688,192,909	119,145,234	92.9%	466,820,160	25.52%
June 30, 2004	1,592,671,213	1,708,318,774	115,647,561	93.2%	481,881,171	24.00%
June 30, 2005	1,602,285,363	1,818,206,856	215,921,493	88.1%	474,531,741	45.50%

## **D. SUMMARY AND RECOMMENDATIONS**

It is recommended that the Board adopt an employer contribution rate of 16.637% 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:

Year of Birth	Base Earnings
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

<sup>&</sup>quot;Excess earnings" means earnings in any calendar year in excess of "base earnings".

#### (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.

<sup>&</sup>quot;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.

#### (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. <u>Vested Pension after 5 Years of Service (Chapter 3.32.040)</u> (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. <u>Escalation Provision (Chapter 3.08.170)</u>

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. <u>Death of a Disabled Member</u>

#### (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. <u>Death Not in Line of Duty (Chapter 3.40.040)</u>

#### (a) *Condition*

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

#### (b) **Benefit**

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

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

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

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

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

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

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

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

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

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

The following options are available:

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

#### 15. Contributions (Chapter 3.16.030)

Prior to January 1, 1987, each member contributed

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

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

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

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

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

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

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

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

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

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

### 18. Administration

The system is administered by the Metropolitan Employee Benefit Board.

#### DIVISION A MEMBERS WITH FIRE AND POLICE SERVICE

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

#### 19. *Eligibility*

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

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

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

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

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

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

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

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

#### 21. Normal Retirement

(a) *Condition* (Chapter 3.36.020)

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

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

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

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

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

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

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

#### (c) Minimum Benefit (Chapter 3.40.050)

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

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

#### (a) *Condition*

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

#### (b) **Benefit**

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

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

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

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

#### **DIVISION B**

#### 24. *Eligibility (Chapter 3.12.031)*

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

(See Item 43 below for Firemen and Policemen)

#### 25. <u>Credited Service (Chapter 3.08.010)</u> (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. <u>Vested Pension after 5 Years of Service (Chapter 3.33.040)</u> (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. <u>Escalation Provision (Chapter 3.08.171)</u>

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. <u>Trust Funds (Chapters 3.08.010, 3.08.130, 3.08.140)</u>

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. <u>Credited Service (Chapter 3.08.010)</u>

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. <u>Vested Pension After 5 Years of Service (Chapter 3.37.040)</u>

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. <u>Unused Sick Leave at Early Retirement (Chapter 3.37.050)</u>

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

	MALE EARNINGS				FEM EARN		TOTAL EARNINGS		
AGE GROUP	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	1	30,607	30,607	1	17,955	17,955	2	48,562	24,281
31-35	7	271,854	38,836	1	31,220	31,220	8	303,074	37,884
36-40	6	235,819	39,303	14	456,755	32,625	20	692,574	34,628
41-45	14	455,724	32,551	14	423,642	30,260	28	879,366	31,405
46-50	9	318,274	35,363	23	563,125	24,483	32	881,399	27,543
51-55	5	177,562	35,512	9	338,064	37,562	14	515,626	36,830
56-60	10	425,084	42,508	6	244,338	40,723	16	669,422	41,838
61-65	1	39,150	39,150	4	83,750	20,937	5	122,900	24,580
66-70	0	0	0	0	0	0	0	0	0
71-75	0	0	0	1	63,062	63,062	1	63,062	63,062
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	53	1,954,074	36,869	73	2,221,911	30,437	126	4,175,985	33,142

TABLE I-2
DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE
METRO FIRE AND POLICE

#### **DIVISION A**

	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
AGE	110								
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	0	C	0	0	0	0
21-25	0	0	0	0	C	0	0	0	0
26-30	1	44,227	44,227	0	C	0	1	44,227	44,227
31-35	3	142,924	47,641	0	C	0	3	142,924	47,641
36-40	4	219,223	54,805	0	C	0	4	219,223	54,805
41-45	13	763,117	58,701	0	C	0	13	763,117	58,701
46-50	8	504,888	63,111	1	62,286	62,286	9	567,174	63,019
51-55	12	781,493	65,124	0	C	0	12	781,493	65,124
56-60	6	340,709	56,784	0	C	0	6	340,709	56,784
61-65	2	111,924	55,962	0	C	0	2	111,924	55,962
66-70	0	0	0	0	C	0	0	0	0
71-75	0	0	0	0	C	0	0	0	0
76-80	0	0	0	0	C	0	0	0	0
81-85	0	0	0	0	C	0	0	0	0
86-90	0	0	0	0	C	0	0	0	0
TOTAL	49	2,908,505	59,357	1	62,286	62,286	50	2,970,791	59,415

TABLE I-3  $\label{eq:distribution} \mbox{DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE } \mbox{TOTAL}$ 

		MA EARN			FEM EARN		TOTAL EARNINGS			
AGE GROUP	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	C	0	0	0	0	
26-30	2	74,834	37,417	1	17,955	17,955	3	92,789	30,930	
31-35	10	414,778	41,478	1	31,220	31,220	11	445,998	40,545	
36-40	10	455,042	45,504	14	456,755	32,625	24	911,797	37,992	
41-45	27	1,218,841	45,142	14	423,642	30,260	41	1,642,483	40,061	
46-50	17	823,162	48,421	24	625,411	26,059	41	1,448,573	35,331	
51-55	17	959,055	56,415	9	338,064	37,563	26	1,297,119	49,889	
56-60	16	765,793	47,862	6	244,338	40,723	22	1,010,131	45,915	
61-65	3	151,074	50,358	4	83,750	20,938	7	234,824	33,546	
66-70	0	0	0	0	O	0	0	0	0	
71-75	0	0	0	1	63,062	63,062	1	63,062	63,062	
76-80	0	0	0	0	C	0	0	0	0	
81-85	0	0	0	0	0	0	0	0	0	
86-90	0	0	0	0	C	0	0	0	0	
TOTAL	102	4,862,579	96,226	74	2,284,197	92,723	176	7,146,776	92,557	

TABLE I-4

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

METRO GENERAL GOVERNMENT

		MA EARN		FEMALE EARNINGS			TOTAL EARNINGS		
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	22	484,713	22,032	21	336,587	16,027	43	821,300	19,100
21-25	180	4,752,603	26,403	217	5,025,019	23,156	397	9,777,622	24,628
26-30	304	9,201,360	30,267	393	11,212,746	28,531	697	20,414,106	29,288
31-35	343	11,566,559	33,721	576	16,573,051	28,772	919	28,139,610	30,619
36-40	508	18,762,570	36,934	691	20,789,398	30,085	1,199	39,551,968	32,987
41-45	600	23,381,252	38,968	916	28,039,212	30,610	1,516	51,420,464	33,918
46-50	712	28,718,764	40,335	1,003	32,483,354	32,386	1,715	61,202,118	35,686
51-55	624	26,114,161	41,849	859	28,649,819	33,352	1,483	54,763,980	36,927
56-60	486	20,813,929	42,827	600	19,632,392	32,720	1,086	40,446,321	37,243
61-65	177	7,258,770	41,010	248	7,950,975	32,060	425	15,209,745	35,787
66-70	55	2,354,038	42,800	66	1,980,301	30,004	121	4,334,339	35,820
71-75	14	549,035	39,216	13	468,554	36,042	27	1,017,589	37,688
76-80	4	188,230	47,057	3	85,709	28,569	7	273,939	39,134
81-85	2	68,007	34,003	3	94,499	31,499	5	162,506	32,501
86-90	0	0	0	1	25,131	25,131	1	25,131	25,131
TOTAL	4,031	154,213,991	38,257	5,610	173,346,747	30,899	9,641	327,560,738	33,975

TABLE I-5
DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE
METRO FIRE AND POLICE

		MA EARN			FEM. EARN		TOTAL EARNINGS		
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0		2	32,060		2	32,060	
21-25	72	2,314,684	32,148	22	662,624	,	94	2,977,308	
26-30	317	13,706,063		36	1,450,063		353	15,156,126	
31-35	486	23,051,391		40	1,682,945		526	24,734,336	
36-40	410	21,282,275	51,907	65	3,194,427	49,145	475	24,476,702	51,529
41-45	371	20,928,586	56,411	53	2,729,112	51,492	424	23,657,698	55,796
46-50	315	18,653,495	59,217	29	1,776,090	61,244	344	20,429,585	59,388
51-55	287	17,971,285	62,617	13	750,681	57,744	300	18,721,966	62,406
56-60	118	7,399,407	62,706	5	290,595	58,119	123	7,690,002	62,520
61-65	30	1,878,660	62,622	0	0	0	30	1,878,660	62,622
66-70	1	69,754	69,754	0	0	0	1	69,754	69,754
71-75	0	0	0	0	0	0	0	0	0
76-80	0	0	0	0	0	0	0	0	0
81-85	0	0	0	0	0	0	0	0	0
86-90	0	0	0	0	0	0	0	0	0
TOTAL	2,407	127,255,600	52,868	265	12,568,597	47,428	2,672	139,824,197	52,329

TABLE I-6  $\label{eq:distribution} \textbf{DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE }$  TOTAL

		MA		FEMALE EARNINGS			TOTAL		
		EARN	INGS		EARN	INGS		EARN	INGS
AGE									
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	22	484,713	22,032	23	368,647	16,028	45	853,360	18,964
21-25	252	7,067,287	28,045	239	5,687,643	23,798	491	12,754,930	25,977
26-30	621	22,907,423	36,888	429	12,662,809	29,517	1050	35,570,232	33,876
31-35	829	34,617,950	41,759	616	18,255,996	29,636	1445	52,873,946	36,591
36-40	918	40,044,845	43,622	756	23,983,825	31,725	1674	64,028,670	38,249
41-45	971	44,309,838	45,633	969	30,768,324	31,753	1940	75,078,162	38,700
46-50	1027	47,372,259	46,127	1032	34,259,444	33,197	2059	81,631,703	39,646
51-55	911	44,085,446	48,392	872	29,400,500	33,716	1783	73,485,946	41,215
56-60	604	28,213,336	46,711	605	19,922,987	32,931	1209	48,136,323	39,815
61-65	207	9,137,430	44,142	248	7,950,975	32,060	455	17,088,405	37,557
66-70	56	2,423,792	43,282	66	1,980,301	30,005	122	4,404,093	36,099
71-75	14	549,035	39,217	13	468,554	36,043	27	1,017,589	37,688
76-80	4	188,230	47,058	3	85,709	28,570	7	273,939	39,134
81-85	2	68,007	34,004	3	94,499	31,500	5	162,506	32,501
86-90	0	0	0	1	25,131	25,131	1	25,131	25,131
TOTAL	6,438	281,469,591	43,720	5,875	185,915,344	31,645	12,313	467,384,935	37,959

TABLE I-7

DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE

METRO GENERAL GOVERNMENT

COMBINED

		MA EARN		FEMALE EARNINGS			TOTAL EARNINGS		
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	22	484,713	22,032	21	336,587	16,028	43	821,300	19,100
21-25	180	4,752,603	26,403	217	5,025,019	23,157	397	9,777,622	24,629
26-30	305	9,231,967	30,269	394	11,230,701	28,504	699	20,462,668	29,274
31-35	350	11,838,413	33,824	577	16,604,271	28,777	927	28,442,684	30,683
36-40	514	18,998,389	36,962	705	21,246,153	30,136	1,219	40,244,542	33,014
41-45	614	23,836,976	38,822	930	28,462,854	30,605	1,544	52,299,830	33,873
46-50	721	29,037,038	40,273	1,026	33,046,479	32,209	1,747	62,083,517	35,537
51-55	629	26,291,723	41,799	868	28,987,883	33,396	1,497	55,279,606	36,927
56-60	496	21,239,013	42,821	606	19,876,730	32,800	1102	41,115,743	37,310
61-65	178	7,297,920	41,000	252	8,034,725	31,884	430	15,332,645	35,657
66-70	55	2,354,038	42,801	66	1,980,301	30,005	121	4,334,339	35,821
71-75	14	549,035	39,217	14	531,616	37,973	28	1,080,651	38,595
76-80	4	188,230	47,058	3	85,709	28,570	7	273,939	39,134
81-85	2	68,007	34,004	3	94,499	31,500	5	162,506	32,501
86-90	0	0	0	1	25,131	25,131	1	25,131	25,131
TOTAL	4,084	156,168,065	38,239	5,683	175,568,658	30,894	9,767	331,736,723	33,965

# TABLE I-8 DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE METRO FIRE AND POLICE

			MALE FEMALE EARNINGS EARNINGS					TOTAL EARNINGS		
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
1-20	0	0		2	32,060	16,030	2	32,060	16,030	
21-25	72	2,314,684	32,148	22	662,624	30,119	94	2,977,308	31,673	
26-30	318	13,750,290	43,240	36	1,450,063	40,280	354	15,200,353	42,939	
31-35	489	23,194,315	47,432	40	1,682,945	42,074	529	24,877,260	47,027	
36-40	414	21,501,498	51,936	65	3,194,427	49,145	479	24,695,925	51,557	
41-45	384	21,691,703	56,489	53	2,729,112	51,493	437	24,420,815	55,883	
46-50	323	19,158,383	59,314	30	1,838,376	61,279	353	20,996,759	59,481	
51-55	299	18,752,778	62,718	13	750,681	57,745	312	19,503,459	62,511	
56-60	124	7,740,116	62,420	5	290,595	58,119	129	8,030,711	62,254	
61-65	32	1,990,584	62,206	0	0	0	32	1,990,584	62,206	
66-70	1	69,754	69,754	0	0	0	1	69,754	69,754	
71-75	0	0	0	0	0	0	0	0	0	
76-80	0	0	0	0	0	0	0	0	0	
81-85	0	0	0	0	0	0	0	0	0	
86-90	0	0	0	0	0	0	0	0	0	
TOTAL	2,456	130,164,105	52,998	266	12,630,883	47,485	2,722	142,794,988	52,460	

TABLE I-9
DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY AGE
TOTAL

		MA		FEMALE			TOTAL		
		EARN	INGS		EARN	INGS		EARN	INGS
AGE									
GROUP	NO	TOTAL	<b>AVERAGE</b>	NO	TOTAL	<b>AVERAGE</b>	NO	TOTAL	AVERAGE
1-20	22	484,713	22,032	23	368,647	16,028	45	853,360	18,964
21-25	252	7,067,287	28,045	239	5,687,643	23,798	491	12,754,930	25,977
26-30	623	22,982,257	36,890	430	12,680,764	29,490	1053	35,663,021	33,868
31-35	839	35,032,728	41,755	617	18,287,216	29,639	1,456	53,319,944	36,621
36-40	928	40,499,887	43,642	770	24,440,580	31,741	1,698	64,940,467	38,245
41-45	998	45,528,679	45,620	983	31,191,966	31,731	1,981	76,720,645	38,728
46-50	1,044	48,195,421		1,056	34,884,855		2,100	83,080,276	
51-55	928	45,044,501	48,539	881	29,738,564	33,755	1,809	74,783,065	41,339
56-60	620	28,979,129	46,741	611	20,167,325	33,007	1231	49,146,454	39,924
61-65	210	9,288,504	44,231	252	8,034,725	31,884	462	17,323,229	37,496
66-70	56	2,423,792	43,282	66	1,980,301	30,005	122	4,404,093	36,099
71-75	14	549,035		14	531,616		28	1,080,651	
76-80	4	188,230	47,058	3	85,709	28,570	7	273,939	39,134
81-85	2	68,007	34,004	3	94,499	31,500	5	162,506	32,501
86-90	0	0	0	1	25,131	25,131	1	25,131	25,131
TOTAL	6,540	286,332,170	43,782	5,949	188,199,541	31,635	12,489	474,531,711	37,996

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### METRO GENERAL GOVERNMENT

			ALE VINGS		FEM EARN		TOTAL EARNINGS			
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
0	0	(		1	36,057		1	36,057		
1	0	(	0	0	C	0	0	0	0	
2	0	(	0	0	C	0	0	0	0	
3	0	(	0	0	C	0	0	0	0	
4	0	(	0	0	C	0	0	0	0	
0-4	0	(	0	1	36,057	36,057	1	36,057	36,057	
5-9	0	(		0	C		0	0		
10-14	28	1,024,094		48	1,381,662		76	2,405,756	31,654	
15-19	11	396,185		17	576,187		28	972,372		
20-24	3	110,274	,	3	68,804	*	6	179,078		
25-29	6	233,371	38,895	1	21,770	21,770	7	255,141	36,448	
30-34	3	110,051	36,683	3	137,431	45,810	6	247,482	41,247	
35-39	2	80,099	40,049	0	C	0	2	80,099	40,049	
40-44	0	(	0	0	C	0	0	0	0	
45-49	0	(	0	0	C	0	0	0	0	
TOTAL	53	1,954,074	36,869	73	2,221,911	30,437	126	4,175,985	33,142	

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### METRO FIRE AND POLICE

		MA EARN			FEM EARN		TOTAL EARNINGS			
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
0	0	0		0	C		0	0	0	
1	0	0	0	0	C	0	0	0	0	
2	2	95,256	47,628	0	C	0	2	95,256	47,628	
3	1	47,668	47,668	0	C	0	1	47,668	47,668	
4	1	44,227	44,227	0	(	0	1	44,227	44,227	
0-4	4	187,151	46,787	0	(	0	4	187,151	46,787	
5-9	0	0		0	C	0	0	0		
10-14	9	506,390	56,265	1	62,286	62,286	10	568,676	56,867	
15-19	10	594,328	59,432	0	C	0	10	594,328	59,432	
20-24	3	184,600	61,533	0	C	0	3	184,600	61,533	
25-29	14	876,570	62,612	0	C	0	14	876,570	62,612	
30-34	6	396,323	66,053	0	C	0	6	396,323	66,053	
35-39	2	112,418	56,209	0	C	0	2	112,418	56,209	
40-44	1	50,725	50,725	0	C	0	1	50,725	50,725	
45-49	0	0	0	0	C	0	0	0	0	
TOTAL	49	2,908,505	59,357	1	62,286	62,286	50	2,970,791	59,415	

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### **METRO TOTALS**

		MA EARN			FEM EARN		TOTAL EARNINGS			
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
0	0	0		1	36,057		1	36,057		
1	0	0	0	0	0		0	0	<i>'</i>	
2	2	95,256	47,628	0	0	0	2	95,256	47,628	
3	1	47,668	47,668	0	0	0	1	47,668	47,668	
4	1	44,227	44,227	0	0	0	1	44,227	44,227	
0-4	4	187,151	46,788	1	36,057	36,057	5	223,208	44,642	
5-9	0	0		0	0		0	0		
10-14	37	1,530,484		49	1,443,948	29,468	86	2,974,432	34,586	
15-19	21	990,513		17	576,187		38	1,566,700		
20-24	6	294,874		3	68,804		9	363,678		
25-29	20	1,109,941	55,497	1	21,770	21,770	21	1,131,711	53,891	
30-34	9	506,374	56,264	3	137,431	45,810	12	643,805	53,650	
35-39	4	192,517	48,129	0	0	0	4	192,517	48,129	
40-44	1	50,725	50,725	0	0	0	1	50,725	50,725	
45-49	0	0	0	0	0	0	0	0	0	
TOTAL	102	4,862,579	47,672	74	2,284,197	30,868	176	7,146,776	40,607	

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### METRO GENERAL GOVERNMENT

		MA EARN		FEMALE EARNINGS			TOTAL EARNINGS		
SERVICE									
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	281	7,854,170	27,950	385	9,265,757	24,066	666	17,119,927	25,705
1	310	9,604,094	30,980	464	11,299,411	24,352	774	20,903,505	27,007
2	361	10,790,088	29,889	518	14,592,820	28,171	879	25,382,908	28,877
3	267	9,007,944	33,737	420	11,718,135	27,900	687	20,726,079	30,168
4	228	6,975,889	30,596	355	9,894,955	27,873	583	16,870,844	28,937
0-4	1,447	44,232,185	30,568	2,142	56,771,078	26,503	3,589	101,003,263	28,142
5-9	704	26,190,270	37,202	1,195	34,615,936	28,967	1,899	60,806,206	32,020
10-14	483	19,330,316	40,021	763	24,673,463	32,337	1,246	44,003,779	35,316
15-19	472	20,224,357	42,848	651	22,707,100	34,880	1,123	42,931,457	38,229
20-24	339	15,271,056	45,047	316	12,893,313	40,801	655	28,164,369	42,999
25-29	285	13,612,009	47,761	307	12,399,764	40,390	592	26,011,773	43,938
30-34	222	11,082,582		201	7,900,607		423	18,983,189	
35-39	65	3,412,976		30	1,179,592		95	4,592,568	
40-44	11	599,142		4	167,517	*	15	766,659	
45-49	3	259,098		1	38,377	*	4	297,475	
TOTAL	4,031	154,213,991	38,257	5,610	173,346,747	30,899	9,641	327,560,738	33,975

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### METRO FIRE AND POLICE

		MA EARN		FEMALE EARNINGS			TOTAL EARNINGS		
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	113	3,523,331		29	766,281		142	4,289,612	
1	52	1,529,415		15	425,036	· · · · · · · · · · · · · · · · · · ·	67	1,954,451	29,170
2	102	4,388,492		13	462,001	· · · · · · · · · · · · · · · · · · ·	115	4,850,493	,
3	137	5,912,090	43,153	15	610,624	40,708	152	6,522,714	42,912
4	166	7,902,566	47,605	29	1,346,644	46,436	195	9,249,210	47,431
0.4	570	22 255 004	40.700	101	2 (10 50)	25.740	c7.1	26.066.400	40.020
0-4	570	23,255,894		101	3,610,586		671	26,866,480	
5-9	493	23,453,415	47,572	44	1,911,956	43,453	537	25,365,371	47,235
10-14	360	19,467,001	54,075	38	2,114,013	55,631	398	21,581,014	54,223
15-19	374	21,935,975	58,652	48	2,785,752	58,036	422	24,721,727	58,582
20-24	171	10,670,506	62,400	23	1,389,321	60,405	194	12,059,827	62,164
25-29	251	16,183,156	64,474	7	521,807	74,543	258	16,704,963	64,747
30-34	168	10,922,680	65,015	4	235,162	58,790	172	11,157,842	64,871
35-39	15	1,024,517		0	0		15	1,024,517	68,301
40-44	4	272,702		0	0	0	4	272,702	
45-49	1	69,754		0	0		1	69,754	
TOTAL	2,407	127,255,600	52,868	265	12,568,597	47,428	2,672	139,824,197	52,329

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### **METRO TOTALS**

		MA EARN			FEM. EARN		TOTAL EARNINGS			
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
0	394	11,377,501	28,877	414	10,032,038	24,232	808	21,409,539	26,497	
1	362	11,133,509	30,756	479	11,724,447	24,477	841	22,857,956	27,179	
2	463	15,178,580	32,783	531	15,054,821	28,352	994	30,233,401	30,416	
3	404	14,920,034	36,931	435	12,328,759	28,342	839	27,248,793	32,478	
4	394	14,878,455	37,763	384	11,241,599	29,275	778	26,120,054	33,573	
0-4	2017	67,488,079	33,460	2243	60,381,664	26,920	4260	127,869,743	30,016	
5-9	1197	49,643,685	41,473	1239	36,527,892	29,482	2436	86,171,577	35,374	
10-14	843	38,797,317	46,023	801	26,787,476	33,443	1644	65,584,793	39,893	
15-19	846	42,160,332	49,835	699	25,492,852	36,470	1545	67,653,184	43,788	
20-24	510	25,941,562	50,866	339	14,282,634	42,132	849	40,224,196	47,378	
25-29	536	29,795,165	55,588	314	12,921,571	41,152	850	42,716,736	50,255	
30-34	390	22,005,262		205	8,135,769		595	30,141,031		
35-39	80	4,437,493		30	1,179,592		110	5,617,085		
40-44	15	871,844		4	167,517		19	1,039,361		
45-49	4	328,852		1	38,377		5	367,229		
TOTAL	6,438	281,469,591	43,720	5,875	185,915,344	31,645	12,313	467,384,935	37,959	

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### METRO GENERAL GOVERNMENT

	MALE EARNINGS				FEM EARN		TOTAL EARNINGS		
SERVICE	NO	тоты	AVEDACE	NO	тоты	AMEDACE	NO	тоты	AMEDACE
GROUP	NO	TOTAL 7.054.170	AVERAGE	NO 206	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	281	7,854,170		386	9,301,814		667	17,155,984	
1	310	9,604,094		464	11,299,411	,	774	20,903,505	,
2	361	10,790,088	29,889	518	14,592,820	28,171	879	25,382,908	28,877
3	267	9,007,944	33,738	420	11,718,135	27,900	687	20,726,079	30,169
4	228	6,975,889	30,596	355	9,894,955	27,873	583	16,870,844	28,938
0-4	1,447	44,232,185	30,568	2,143	56,807,135	26,508	3,590	101,039,320	28,145
5-9	704	26,190,270	37,202	1,195	34,615,936	28,967	1,899	60,806,206	32,020
10-14	511	20,354,410	39,833	811	26,055,125	32,127	1,322	46,409,535	35,106
15-19	483	20,620,542	42,693	668	23,283,287	34,855	1151	43,903,829	38,144
20-24	342	15,381,330	44,975	319	12,962,117	40,634	661	28,343,447	42,880
25-29	291	13,845,380	47,579	308	12,421,534	40,330	599	26,266,914	43,851
30-34	225	11,192,633	49,745	204	8,038,038	39,402	429	19,230,671	44,827
35-39	67	3,493,075	52,135	30	1,179,592	39,320	97	4,672,667	48,172
40-44	11	599,142	54,467	4	167,517	41,879	15	766,659	51,111
45-49	3	259,098		1	38,377	,	4	297,475	
TOTAL	4,084	156,168,065	38,239	5,683	175,568,658	30,894	9,767	331,736,723	33,965

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### METRO FIRE AND POLICE

	MALE EARNINGS				FEM EARN		TOTAL EARNINGS		
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	113	3,523,331		29	766,281		142	4,289,612	
1	52	1,529,415		15	425,036		67	1,954,451	
2	104	4,483,748	· · · · · · · · · · · · · · · · · · ·	13	462,001	,	117	4,945,749	
3	138	5,959,758	43,187	15	610,624	40,708	153	6,570,382	42,944
4	167	7,946,793	47,586	29	1,346,644	46,436	196	9,293,437	47,415
0-4	574	23,443,045	40,842	101	3,610,586	35,748	675	27,053,631	40,079
5-9	493	23,453,415	47,573	44	1,911,956	43,454	537	25,365,371	47,235
10-14	369	19,973,391	54,128	39	2,176,299	55,803	408	22,149,690	54,288
15-19	384	22,530,303	58,673	48	2,785,752	58,037	432	25,316,055	58,602
20-24	174	10,855,106	62,386	23	1,389,321	60,405	197	12,244,427	62,154
25-29	265	17,059,726	64,376	7	521,807	74,544	272	17,581,533	64,638
30-34	174	11,319,003	65,052	4	235,162	58,791	178	11,554,165	64,911
35-39	17	1,136,935	66,879	0	0	0	17	1,136,935	66,879
40-44	5	323,427	64,685	0	0	0	5	323,427	64,685
45-49	1	69,754		0	0	0	1	69,754	69,754
TOTAL	2,456	130,164,105	52,998	266	12,630,883	47,485	2,722	142,794,988	52,460

#### DISTRIBUTION OF ACTIVE PARTICIPANTS' EARNINGS BY LENGTH OF SERVICE

#### **METRO TOTALS**

		MA EARN		FEMALE EARNINGS			TOTAL EARNINGS		
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	394	11,377,501		415	10,068,095		809	21,445,596	
1	362	11,133,509		479	11,724,447		841	22,857,956	
2	465	15,273,836		531	15,054,821		996	30,328,657	
3	405	14,967,702		435	12,328,759		840	27,296,461	
4	395	14,922,682	37,779	384	11,241,599	29,275	779	26,164,281	33,587
0-4	2,021	67,675,230	33,486	2,244	60,417,721	26,924	4,265	128,092,951	30,034
5-9	1,197	49,643,685	41,473	1,239	36,527,892	29,482	2,436	86,171,577	35,374
10-14	880	40,327,801	45,827	850	28,231,424	33,213	1,730	68,559,225	39,630
15-19	867	43,150,845	49,770	716	26,069,039	36,409	1583	69,219,884	43,727
20-24	516	26,236,436	50,846	342	14,351,438	41,963	858	40,587,874	47,305
25-29	556	30,905,106	55,585	315	12,943,341	41,090	871	43,848,447	50,343
30-34	399	22,511,636	56,420	208	8,273,200	39,775	607	30,784,836	50,716
35-39	84	4,630,010	55,119	30	1,179,592	39,320	114	5,809,602	50,961
40-44	16	922,569	57,661	4	167,517	41,879	20	1,090,086	54,504
45-49	4	328,852	82,213	1	38,377	38,377	5	367,229	73,446
TOTAL	6,540	286,332,170	43,782	5,949	188,199,541	31,635	12,489	474,531,711	37,996

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

### METRO GENERAL GOVERNMENT DIVISION A

AGE									
GROUP	0-4	5-9	10 17	15-19		25-29	30-34	35-UP	TOTAL
1-20	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
26-30	0	0	2	0	0	0	0	0	2
	0	0	24,281	0	0	0	0	0	24,281
31-35	0	0	6	2	0	0	0	0	8
	0	0	35,117	46,186	0	0	0	0	37,884
36-40	0	0	18	2	0	0	0	0	20
	0	0	33,556	44,277	0	0	0	0	34,628
41-45	0	0	18	7	2	1	0	0	28
	0	0	29,771	34,420	30,809	40,912	0	0	31,405
46-50	1	0	16	9	2	2	2	0	32
	36,057	0	25,929	27,922	24,553	29,575	35,450	0	27,543
51-55	0	0	8	3	0	1	1	1	14
	0	0	32,475	42,826	0	37,254	43,827	46,264	36,830
56-60	0	0	5	4	2	3	1	1	16
	0	0	53,740	37,540	34,177	39,274	30,542	33,835	41,838
61-65	0	0	3	1	0	0	1	0	5
	0	0	21,064	20,558	0	0	39,150	0	24,580
66-UP	0	0	0	0	0	0	1	0	1
	0	0	0	0	0	0	63,062	0	63,062
TOTAL	1	0	76	28	6	7	6	2	126
	36,057	0	31,654	34,727	29,846	36,448	41,247	40,049	33,142

# 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	1	0	0	0	0	0	0	0	1
	44,227	0	0	0	0	0	0	0	44,227
31-35	3	0	0	0	0	0	0	0	3
	47,641	0	0	0	0	0	0	0	47,641
36-40	0	0	3	1	0	0	0	0	4
	0	0	55,421	52,960	0	0	0	0	54,805
41-45	0	0	6	7	0	0	0	0	13
	0	0	56,687	60,427	0	0	0	0	58,701
46-50	0	0	1	2	1	5	0	0	9
	0	0	62,286	59,189	54,704	66,361	0	0	63,019
51-55	0	0	0	0	1	7	4	0	12
	0	0	0	0	70,844	61,804	69,505	0	65,124
56-60	0	0	0	0	1	2	2	1	6
	0	0	0	0	59,052	56,068	59,151	51,219	56,784
61-65	0	0	0	0	0	0	0	2	2
	0	0	0	0	0	0	0	55,962	55,962
66-UP	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
TOTAL	4	0	10	10	3	14	6	3	50
	46,787	0	56,867	59,432	61,533	62,612	66,053	54,381	59,415

# 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		25-29	30-34	35-UP	TOTAL
1-20	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
21-25	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
26-30	1	0	2	0	0	0	0	0	3
	44,227	0	24,281	0	0	0	0	0	30,930
31-35	3	0	6	2	0	0	0	0	11
	47,641	0	35,117	46,186	0	0	0	0	40,545
36-40	0	0	21	3	0	0	0	0	24
	0	0	36,680	47,171	0	0	0	0	37,991
41-45	0	0	24	14	2	1	0	0	41
	0	0	36,500	47,424	30,809	40,912	0	0	40,060
46-50	1	0	17	11	3	7	2	0	41
	36,057	0	28,068	33,607	34,603	55,851	35,450	0	35,330
51-55	0	0	8	3	1	8	5	1	26
	0	0	32,475	42,826	70,844	58,735	64,369	46,264	49,889
56-60	0	0	5	4	3	5	3	2	22
	0	0	53,740	37,540	42,469	45,992	49,615	42,527	45,914
61-65	0	0	3	1	0	0	1	2	7
	0	0	21,064	20,558	0	0	39,150	55,962	33,546
66-UP	0	0	0	0	0	0	1	0	1
	0	0	0	0	0	0	63,062	0	63,062
TOTAL	5	0	86	38	9	21	12	5	176
	44,641	0	34,586	41,228	40,408	53,891	53,650	48,648	40,606

# 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	43	0	0	0	0	0	0	0	43
	19,100	0	0	0	0	0	0	0	19,100
21-25	368	27	2	0	0	0	0	0	397
	24,308	28,903	25,923	0	0	0	0	0	24,628
26-30	536	141	20	0	0	0	0	0	697
	28,451	31,986	32,696	0	0	0	0	0	29,288
31-35	509	262	118	30	0	0	0	0	919
	28,094	33,031	35,104	34,773	0	0	0	0	30,619
36-40	516	290	196	155	42	0	0	0	1,199
	27,615	32,331	39,300	41,906	41,139	0	0	0	32,987
41-45	496	341	248	217	154	60	0	0	1,516
	28,659	30,775	34,481	40,874	43,235	43,862	0	0	33,918
46-50	440	319	234	258	196	201	67	0	1,715
	28,865	30,750	35,704	38,308	44,422	43,751	44,069	0	35,686
51-55	355	251	193	196	119	170	171	28	1,483
	29,666	33,479	33,998	35,953	41,770	47,139	45,801	50,145	36,927
56-60	208	155	152	174	88	112	139	58	1,086
	30,695	32,790	34,095	36,311	41,530	41,602	45,492	48,976	37,243
61-65	91	80	63	73	38	38	27	15	425
	29,480	33,905	34,334	36,721	42,767	37,748	43,202	49,652	35,787
66-UP	27	33	20	20	18	11	19	13	161
	34,153	29,802	31,962	29,686	45,602	43,483	37,293	51,321	36,108
TOTAL	3,589	1,899	1,246	1,123	655	592	423	114	9,641
	28,142	32,020	35,316	38,229	42,999	43,938	44,877	49,620	33,975

# 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	2	0	0	0	0	0	0	0	2
	16,030	0	0	0	0	0	0	0	16,030
21-25	90	4	0	0	0	0	0	0	94
	31,130	43,890	0	0	0	0	0	0	31,673
26-30	245	104	3	1	0	0	0	0	353
	40,901	47,573	47,561	44,845	0	0	0	0	42,935
31-35	191	237	88	9	1	0	0	0	526
	42,084	48,704	53,054	48,629	46,839	0	0	0	47,023
36-40	78	109	174		6	0	0	0	475
	41,974	47,233	54,010	58,434	57,573	0	0	0	51,529
41-45	37	54	84	182	64	3	0	0	424
	41,157	44,903	55,472	59,771	62,133	65,143	0	0	55,796
46-50	16	20	33	93	82	82	18	0	344
	42,485	40,521	57,039	58,036	62,825	65,748	62,032	0	59,388
51-55	10	3	12	23			93	2	300
	43,666	31,011	51,200	57,941	64,135	64,224	64,917	63,652	62,406
56-60	1	4	3	5		39	53	9	123
	29,587	34,708	54,201	54,657	54,981	64,050	65,367	69,822	62,520
61-65	1	2	1	1	2	7	8	8	30
	30,807	41,831	52,685	46,515	60,180	66,235	67,433	67,689	62,622
66-UP	0	0	0	0	0	0	0	1	1
	0	0	0	0	0	0	0	69,754	69,754
TOTAL	671	537	398	422	194	258	172	20	2,672
	40,039	47,235	54,223	58,582	62,164	64,747	64,871	68,348	52,329

# 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	45	0	0	0	0	0	0	0	45
	18,964	0	0	0	0	0	0	0	18,964
21-25	458	31	2	0	0	0	0	0	491
	25,649	30,837	25,923	0	0	0	0	0	25,977
26-30	781	245	23	1	0	0	0	0	1,050
	32,357	38,603	34,635	44,845	0	0	0	0	33,876
31-35	700	499	206	39	1	0	0	0	1,445
	31,911	40,475	42,772	37,971	46,839	0	0	0	36,590
36-40	594	399	370	263	48	0	0	0	1,674
	29,501	36,402	46,218	48,693	43,193	0	0	0	38,248
41-45	533	395	332	399	218	63	0	0	1,940
	29,527	32,706	39,792	49,494	48,783	44,875	0	0	38,700
46-50	456	339	267	351	278	283	85	0	2,059
	29,343	31,326	38,341	43,535	49,850	50,125	47,873	0	39,646
51-55	365	254	205	219	149	297	264	30	1,783
	30,050	33,450	35,005	38,262	46,273	54,445	52,535	51,045	41,214
56-60	209	159	155	179	97	151	192	67	1,209
	30,690	32,838	34,484	36,823	42,778	47,400	50,978	51,776	39,815
61-65	92	82	64	74	40	45	35	23	455
	29,494	34,098	34,621	36,853	43,638	42,179	48,741	55,926	37,556
66-UP	27	33	20	20	18	11	19	14	162
	34,153	29,802	31,962	29,686	45,602	43,483	37,293	52,638	36,316
TOTAL	4,260	2,436	1,644	1,545	849	850	595	134	12,313
	30,016	35,374	39,893	43,788	47,378	50,254	50,657	52,415	37,958

# 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	43	0	0	0	0	0	0	0	43
	19,100	0	0	0	0	0	0	0	19,100
21-25	368	27	2	0	0	0	0	0	397
	24,308	28,903	25,923	0	0	0	0	0	24,628
26-30	536	141	22	0	0	0	0	0	699
	28,451	31,986	31,931	0	0	0	0	0	29,274
31-35	509	262	124	32	0	0	0	0	927
	28,094	33,031	35,105	35,486	0	0	0	0	30,682
36-40	516	290	214	157	42	0	0	0	1,219
	27,615	32,331	38,817	41,936	41,139	0	0	0	33,014
41-45	496	341	266	224	156	61	0	0	1,544
	28,659	30,775	34,162	40,672	43,076	43,814	0	0	33,872
46-50	441	319	250	267	198	203	69	0	1,747
	28,881	30,750	35,078	37,958	44,221	43,611	43,819	0	35,537
51-55	355	251	201	199	119	171	172	29	1,497
	29,666	33,479	33,937	36,057	41,770	47,081	45,790	50,011	36,926
56-60	208	155	157	178	90	115	140	59	1,102
	30,695	32,790	34,721	36,339	41,367	41,541	45,385	48,719	37,310
61-65	91	80	66	74	38	38	28	15	430
	29,480	33,905	33,731	36,503	42,767	37,748	43,057	49,652	35,657
66-UP	27	33	20	20	18	11	20	13	162
	34,153	29,802	31,962	29,686	45,602		38,581	51,321	36,274
TOTAL		1,899		1,151	661	599	429	116	9,767
	28,144	32,020	35,105	38,144	42,880	43,850	44,826	49,455	33,964

# 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	2	0	0	0	0	0	0	0	2
	16,030	0	0	0	0	0	0	0	16,030
21-25	90	4	0	0	0	0	0	0	94
	31,130	43,890	0	0	0	0	0	0	31,673
26-30	246	104	3	1	0	0	0	0	354
	40,915	47,573	47,561	44,845	0	0	0	0	42,939
31-35	194	237	88	9	1	0	0	0	529
	42,170	48,704	53,054	48,629	46,839	0	0	0	47,027
36-40	78	109	177	109	6	0	0	0	479
	41,974	47,233	54,034	58,384	57,573	0	0	0	51,556
41-45	37	54	90	189	64	3	0	0	437
	41,157	44,903	55,553	59,795	62,133	65,143	0	0	55,882
46-50	16	20	34	95	83	87	18	0	353
	42,485	40,521	57,193	58,060	62,727	65,783	62,032	0	59,481
51-55	10	3	12	23		134			312
	43,666	31,011	51,200	57,941	64,351	64,098	65,106	63,652	62,511
56-60	1	4	3	5	10	41	55	10	129
	29,587	34,708	54,201	54,657	55,388	63,661	65,141	67,962	62,253
61-65	1	2	1	1		7	8	10	32
	30,807	41,831	52,685	46,515	60,180	66,235	67,433	65,344	62,206
66-UP	0	0	0	0	0	0	0	1	1
	0	0	0	0	0	0	0	69,754	69,754
TOTAL	675	537	408	432	197	272		23	2,722
	40,079	47,235	54,288	58,602	62,154	64,637	64,911	66,526	52,459

# 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	45	0	0	0	0	0	0	0	45
	18,964	0	0	0	0	0	0	0	18,964
21-25	458	31	2	0	0	0	0	0	491
	25,649	30,837	25,923	0	0	0	0	0	25,977
26-30	782	245	25	1	0	0	0	0	1,053
	32,372	38,603	33,807	44,845	0	0	0	0	33,868
31-35	703	499	212	41	1	0	0	0	1,456
	31,978	40,475	42,555	38,371	46,839	0	0	0	36,620
36-40	594	399	391	266	48	0	0	0	1,698
	29,501	36,402	45,705	48,676	43,193	0	0	0	38,245
41-45	533	395	356	413	220	64	0	0	1,981
	29,527	32,706	39,570	49,424	48,620	44,813	0	0	38,728
46-50	457	339	284	362	281	290	87	0	2,100
	29,358	31,326	37,726	43,233	49,687	50,263	47,587	0	39,562
51-55	365	254	213	222	150	305	269	31	1,809
	30,050	33,450	34,910	38,324	46,437	54,557	52,755	50,891	41,339
56-60	209	159	160	183	100	156	195	69	1,231
	30,690	32,838	35,086	36,839	42,769	47,355	50,957	51,508	39,924
61-65	92	82	67	75	40	45	36	25	462
	29,494	34,098	34,014	36,636	43,638	42,179	48,474	55,929	37,496
66-UP	27	33	20	20	18	11	20	14	163
	34,153	29,802	31,962	29,686	45,602	43,483	38,581	52,638	36,480
TOTAL	4,265	2,436	1,730	1,583	858	871	607	139	12,489
	30,033	35,374	39,629	43,727	47,305	50,342	50,716	52,280	37,995

#### TABLE IV-1

#### PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **ACTIVE LIVES**

#### **DIVISION A**

#### METRO GENERAL GOVERNMENT

Calendar	Number	Emerging	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	3	52,870	513,839	26,187	513,839
2006	0	0	0	53,817	514,807
2007	2	8,227	97,518	56,039	610,379
2008	0	0	0	64,571	607,633
2009	1	14,813	159,315	80,366	760,935
2010	2	17,928	202,810	91,067	956,493
2011	5	57,390	604,840	129,721	1,553,651
2012	2	40,841	439,479	173,389	1,986,997
2013	2	27,591	280,709	219,631	2,259,304
2014	1	23,410	251,952	243,243	2,494,934
2015	0	0	0	264,691	2,470,499
2016	5	71,855	811,961	299,736	3,245,704
2017	5	130,364	1,385,360	404,305	4,596,223
2018	6	127,182	1,360,205	545,411	5,921,953
2019	5	94,688	979,109	678,977	6,861,014
2020	7	112,565	1,246,057	772,539	8,047,351
2021	5	109,349	1,198,617	912,345	9,172,681
2022	4	69,737	716,935	995,744	9,795,856
2023	7	135,412	1,476,272	1,115,003	11,141,543
2024	6	104,531	1,128,914	1,256,851	12,114,938

# TABLE IV-2 PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **ACTIVE LIVES**

#### DIVISION A

#### METRO FIRE AND POLICE

Calendar	Number	<b>Emerging</b>	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	4	147,617	1,703,467	73,463	1,703,467
2006	1	33,421	395,852	155,397	2,132,095
2007	2	88,363	1,114,702	234,155	3,280,932
2008	2	60,905	747,428	332,435	4,083,670
2009	3	111,852	1,371,208	457,187	5,515,697
2010	1	25,974	338,027	510,022	5,932,204
2011	3	116,115	1,443,565	621,921	7,442,625
2012	3	157,192	1,931,712	704,141	9,455,144
2013	4	175,374	2,077,219	893,193	11,632,156
2014	3	123,545	1,543,198	1,110,116	13,283,205
2015	2	83,868	1,003,403	1,250,556	14,388,790
2016	0	0	0	1,326,425	14,460,881
2017	0	0	0	1,356,504	14,475,128
2018	3	128,760	1,542,795	1,438,267	15,973,183
2019	4	176,925	2,151,781	1,589,581	18,055,419
2020	1	60,892	721,238	1,801,446	18,692,650
2021	1	42,794	506,868	1,873,396	19,056,978
2022	3	172,073	2,038,118	1,993,431	20,886,501
2023	3	141,557	1,713,260	2,195,622	22,356,663
2024	1	55,803	701,855	2,265,748	22,770,137

### TABLE IV-3

#### **ACTIVE LIVES**

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### DIVISION A

#### METRO TOTALS

Calendar	Number	Emerging	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	7	200,487	2,217,306	99,650	2,217,306
2006	1	33,421	395,852	209,214	2,646,902
2007	4	96,590	1,212,220	290,194	3,891,311
2008	2	60,905	747,428	397,006	4,691,303
2009	4	126,665	1,530,523	537,553	6,276,632
2010	3	43,902	540,837	601,089	6,888,697
2011	8	173,505	2,048,405	751,642	8,996,276
2012	5	198,033	2,371,191	877,530	11,442,141
2013	6	202,965	2,357,928	1,112,824	13,891,460
2014	4	146,955	1,795,150	1,353,359	15,778,139
2015	2	83,868	1,003,403	1,515,247	16,859,289
2016	5	71,855	811,961	1,626,161	17,706,585
2017	5	130,364	1,385,360	1,760,809	19,071,351
2018	9	255,942	2,903,000	1,983,678	21,895,136
2019	9	271,613	3,130,890	2,268,558	24,916,433
2020	8	173,457	1,967,295	2,573,985	26,740,001
2021	6	152,143	1,705,485	2,785,741	28,229,659
2022	7	241,810	2,755,053	2,989,175	30,682,357
2023	10	276,969	3,189,532	3,310,625	33,498,206
2024	7	160,334	1,830,769	3,522,599	34,885,075

# TABLE IV-4 PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **ACTIVE LIVES**

#### **DIVISION B**

#### METRO GENERAL GOVERNMENT

Calendar	Number	Emerging	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	246	3,052,929	32,872,039	1,516,703	32,872,039
2006	227	3,125,336	33,781,904	4,902,791	67,278,817
2007	239	3,547,562	39,031,520	8,217,970	107,461,282
2008	310	4,383,450	48,205,409	12,453,426	157,371,646
2009	275	4,045,139	45,274,958	17,284,465	204,936,124
2010	286	4,441,562	49,617,449	22,058,044	257,241,457
2011	262	4,104,827	46,053,430	27,180,250	306,283,668
2012	311	5,223,474	58,268,893	32,586,657	367,571,965
2013	273	4,309,216	47,476,250	38,326,735	418,149,272
2014	345	6,325,385	70,378,266	44,629,523	491,163,994
2015	321	5,811,625	64,151,494	52,069,482	557,822,256
2016	315	5,947,922	66,198,171	59,161,592	625,913,895
2017	355	6,992,798	76,900,963	67,066,928	703,911,213
2018	335	6,839,653	75,926,617	75,193,710	780,007,653
2019	351	6,912,405	76,681,549	83,871,518	855,656,179
2020	326	6,866,928	75,598,196	92,200,928	928,723,736
2021	335	7,055,231	77,891,656	100,507,541	1,002,209,509
2022	350	7,759,279	85,622,420	109,383,211	1,081,333,511
2023	346	7,990,262	88,212,678	119,223,018	1,160,839,499
2024	315	7,616,723	83,165,750	128,126,574	1,232,861,707

# TABLE IV-5 PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **ACTIVE LIVES**

#### **DIVISION B**

#### METRO FIRE AND POLICE

Calendar	Number	Emerging	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	152	4,937,009	57,474,419	2,459,568	57,474,419
2006	33	1,120,968	13,427,027	5,701,656	72,414,384
2007	48	1,493,427	17,732,158	7,313,887	91,856,090
2008	39	1,308,218	15,614,351	8,971,906	109,436,779
2009	53	2,000,326	22,824,184	10,944,894	134,365,125
2010	50	1,771,948	20,648,623	13,237,190	157,306,472
2011	58	2,336,459	26,908,021	15,644,511	186,584,523
2012	60	2,447,164	27,784,525	18,660,052	216,864,305
2013	68	2,851,882	32,793,699	21,872,382	252,149,591
2014	69	3,049,721	34,637,209	25,571,814	289,309,005
2015	61	2,587,811	29,968,647	29,045,831	321,697,372
2016	72	3,172,637	36,090,352	32,532,767	359,893,958
2017	85	4,156,376	47,085,142	37,227,247	408,740,057
2018	86	3,972,663	44,771,827	42,088,524	455,018,121
2019	68	3,341,347	38,356,442	46,658,899	494,351,630
2020	88	4,444,236	51,192,244	51,988,386	545,716,313
2021	91	5,083,569	57,371,242	57,614,399	602,636,547
2022	95	5,038,145	57,043,419	63,789,573	658,459,524
2023	82	4,307,833	49,781,671	69,513,780	706,039,892
2024	84	4,737,907	53,863,148	75,203,618	756,430,747

### TABLE IV-6

#### **ACTIVE LIVES**

PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **DIVISION B**

#### METRO TOTALS

Number	Emerging	Emerging	Total	Total
Retiring	Benefits	Liability	Payout	Liability
398	7,989,938	90,346,458	3,976,271	90,346,458
260	4,246,304	47,208,931	10,604,447	139,693,201
287	5,040,989	56,763,678	15,531,857	199,317,372
349	5,691,668	63,819,760	21,425,332	266,808,425
328	6,045,465	68,099,142	28,229,359	339,301,249
336	6,213,510	70,266,072	35,295,234	414,547,929
320	6,441,286	72,961,451	42,824,761	492,868,191
371	7,670,638	86,053,418	51,246,709	584,436,270
341	7,161,098	80,269,949	60,199,117	670,298,863
414	9,375,106	105,015,475	70,201,337	780,472,999
382	8 300 /36	94 120 141	81 115 313	879,519,628
				985,807,853
	, ,			1,112,651,270
				1,235,025,774
419	10,253,752	115,037,991	130,530,417	1,350,007,809
414	11,311,164	126,790,440	144,189,314	1,474,440,049
426	12,138,800	135,262,898	158,121,940	1,604,846,056
445	12,797,424	142,665,839	173,172,784	1,739,793,035
428	12,298,095	137,994,349	188,736,798	1,866,879,391
399	12,354,630	137,028,898	203,330,192	1,989,292,454
	398 260 287 349 328  336 320 371 341 414  382 387 440 421 419  414 426 445 428	Retiring         Benefits           398         7,989,938           260         4,246,304           287         5,040,989           349         5,691,668           328         6,045,465           336         6,213,510           320         6,441,286           371         7,670,638           341         7,161,098           414         9,375,106           382         8,399,436           387         9,120,559           440         11,149,174           421         10,812,316           419         10,253,752           414         11,311,164           426         12,138,800           445         12,797,424           428         12,298,095	Retiring         Benefits         Liability           398         7,989,938         90,346,458           260         4,246,304         47,208,931           287         5,040,989         56,763,678           349         5,691,668         63,819,760           328         6,045,465         68,099,142           336         6,213,510         70,266,072           320         6,441,286         72,961,451           371         7,670,638         86,053,418           341         7,161,098         80,269,949           414         9,375,106         105,015,475           382         8,399,436         94,120,141           387         9,120,559         102,288,523           440         11,149,174         123,986,105           421         10,812,316         120,698,444           419         10,253,752         115,037,991           414         11,311,164         126,790,440           426         12,138,800         135,262,898           445         12,797,424         142,665,839           428         12,298,095         137,994,349	Retiring         Benefits         Liability         Payout           398         7,989,938         90,346,458         3,976,271           260         4,246,304         47,208,931         10,604,447           287         5,040,989         56,763,678         15,531,857           349         5,691,668         63,819,760         21,425,332           328         6,045,465         68,099,142         28,229,359           336         6,213,510         70,266,072         35,295,234           320         6,441,286         72,961,451         42,824,761           371         7,670,638         86,053,418         51,246,709           341         7,161,098         80,269,949         60,199,117           414         9,375,106         105,015,475         70,201,337           382         8,399,436         94,120,141         81,115,313           387         9,120,559         102,288,523         91,694,359           440         11,149,174         123,986,105         104,294,175           421         10,812,316         120,698,444         117,282,234           419         10,253,752         115,037,991         130,530,417           414         11,311,164         <

# TABLE IV-7 PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **ACTIVE LIVES**

#### **COMBINED**

#### METRO GENERAL GOVERNMENT

Calendar	Number	Emerging	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	249	3,105,799	33,385,878	1,542,890	33,385,878
2006	227	3,125,336	33,781,904	4,956,608	67,793,624
2007	241	3,555,789	39,129,038	8,274,009	108,071,661
2008	310	4,383,450	48,205,409	12,517,997	157,979,279
2009	276	4,059,952	45,434,273	17,364,831	205,697,059
2010	288	4,459,490	49,820,259	22,149,111	258,197,950
2011	267	4,162,217	46,658,270	27,309,971	307,837,319
2012	313	5,264,315	58,708,372	32,760,046	369,558,962
2013	275	4,336,807	47,756,959	38,546,366	420,408,576
2014	346	6,348,795	70,630,218	44,872,766	493,658,928
2015	321	5,811,625	64,151,494	52,334,173	560,292,755
2016	320	6,019,777	67,010,132	59,461,328	629,159,599
2017	360	7,123,162	78,286,323	67,471,233	708,507,436
2018	341	6,966,835	77,286,822	75,739,121	785,929,606
2019	356	7,007,093	77,660,658	84,550,495	862,517,193
2020	333	6,979,493	76,844,253	92,973,467	936,771,087
2021	340	7,164,580	79,090,273	101,419,886	1,011,382,190
2022	354	7,829,016	86,339,355	110,378,955	1,091,129,367
2022 2023 2024	354 353 321	7,829,016 8,125,674 7,721,254	86,339,355 89,688,950 84,294,664	110,378,955 120,338,021 129,383,425	1,091,129,367 1,171,981,042 1,244,976,645

#### **TABLE IV-8**

#### PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **ACTIVE LIVES**

#### **COMBINED**

#### METRO FIRE AND POLICE

Calendar	Number	Emerging	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	156	5,084,626	59,177,886	2,533,031	59,177,886
2006	34	1,154,389	13,822,879	5,857,053	74,546,479
2007	50	1,581,790	18,846,860	7,548,042	95,137,022
2008	41	1,369,123	16,361,779	9,304,341	113,520,449
2009	56	2,112,178	24,195,392	11,402,081	139,880,822
2010	51	1,797,922	20,986,650	13,747,212	163,238,676
2011	61	2,452,574	28,351,586	16,266,432	194,027,148
2012	63	2,604,356	29,716,237	19,364,193	226,319,449
2013	72	3,027,256	34,870,918	22,765,575	263,781,747
2014	72	3,173,266	36,180,407	26,681,930	302,592,210
2015	63	2,671,679	30,972,050	30,296,387	336,086,162
2016	72	3,172,637	36,090,352	33,859,192	374,354,839
2017	85	4,156,376	47,085,142	38,583,751	423,215,185
2018	89	4,101,423	46,314,622	43,526,791	470,991,304
2019	72	3,518,272	40,508,223	48,248,480	512,407,049
2020	89	4,505,128	51,913,482	53,789,832	564,408,963
2021	92	5,126,363	57,878,110	59,487,795	621,693,525
2022	98	5,210,218	59,081,537	65,783,004	679,346,025
2023	85	4,449,390	51,494,931	71,709,402	728,396,555
2024	85	4,793,710	54,565,003	77,469,366	779,200,884

# TABLE IV-9 PROJECTED SCHEDULE OF BENEFIT PAYMENTS

#### **ACTIVE LIVES**

#### **COMBINED**

#### METRO TOTALS

Calendar	Number	Emerging	Emerging	Total	Total
Year	Retiring	Benefits	Liability	Payout	Liability
2005	405	8,190,425	92,563,764	4,075,921	92,563,764
2006	261	4,279,725	47,604,783	10,813,661	142,340,103
2007	291	5,137,579	57,975,898	15,822,051	203,208,683
2008	351	5,752,573	64,567,188	21,822,338	271,499,728
2009	332	6,172,130	69,629,665	28,766,912	345,577,881
2010	339	6,257,412	70,806,909	35,896,323	421,436,626
2011	328	6,614,791	75,009,856	43,576,403	501,864,467
2012	376	7,868,671	88,424,609	52,124,239	595,878,411
2013	347	7,364,063	82,627,877	61,311,941	684,190,323
2014	418	9,522,061	106,810,625	71,554,696	796,251,138
2015	384	8,483,304	95,123,544	82,630,560	896,378,917
2016	392	9,192,414	103,100,484	93,320,520	1,003,514,438
2017	445	11,279,538	125,371,465	106,054,984	1,131,722,621
2018	430	11,068,258	123,601,444	119,265,912	1,256,920,910
2019	428	10,525,365	118,168,881	132,798,975	1,374,924,242
2020	422	11,484,621	128,757,735	146,763,299	1,501,180,050
2021	432	12,290,943	136,968,383	160,907,681	1,633,075,715
2022	452	13,039,234	145,420,892	176,161,959	1,770,475,392
2023	438	12,575,064	141,183,881	192,047,423	1,900,377,597
2024	406	12,514,964	138,859,667	206,852,791	2,024,177,529

TABLE V-1
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION A

METRO DISABLED RETIRED LIVES

	N	IALE EARN	INGS	FE	MALE EAR	NINGS	T(	TOTAL EARNINGS		
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
1-20	0	0	0	5	47,985	9,597	5	47,985	9,597	
21-25	0	0	0	2	29,542	14,771	2	29,542	14,771	
26-30	0	0	0	0	0	0	0	0	0	
31-35	0	0	0	0	0	0	0	0	0	
36-40	2	25,746	12,873	1	5,928	5,928	3	31,674	18,801	
41-45	5	52,054	10,410	14	172,749	25,275	19	224,803	25,222	
46-50	33	530,350	24,167	16	240,244	30,894	49	770,594	31,548	
51-55	81	1,160,922	14,332	47	458,121	19,380	128	1,619,043	23,380	
56-60	87	1,048,051	18,066	54	482,421	18,898	141	1,530,472	21,414	
61-65	66	830,978	17,503	63	523,622	17,086	129	1,354,600	20,621	
66-70	7	40,656	5,808	27	248,935	9,219	34	289,591	8,517	
71-75	6	46,240	7,706	29	233,081	8,037	35	279,321	7,980	
76-80	4	25,310	14,422	14	59,719	4,265	18	85,029	13,452	
81-85	0	0	0	7	12,634	1,804	7	12,634	1,804	
86-90	0	0	0	2	2,617	1,308	2	2,617	1,308	

281

2,517,598

8,959

572

6,277,905

10,975

**TOTAL** 

291

3,760,307

12,922

TABLE V-2
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION A

METRO GENERAL GOVERNMENT RETIRED LIVES

	M	IALE EARN	NINGS	<u>FE</u>	MALE EAR	RNINGS	T	OTAL EARI	NINGS
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	C	0	0	0	0	0	0	0
21-25	0	C	0	0	0	0	0	0	0
26-30	0	C	0	0	0	0	0	0	0
31-35	0	C	0	0	0	0	0	0	0
36-40	0	C	0	1	6,606	6,606	1	6,606	6,606
41-45	0	C	0	4	21,420	5,355	4	21,420	5,355
46-50	0	C	0	6	32,472	5,412	6	32,472	5,412
51-55	2	21,371	21,371	4	13,282	3,320	6	34,653	22,113
56-60	8	147,996	55,420	12	58,288	11,696	20	206,284	47,064
61-65	27	353,151	28,756	36	270,514	22,022	63	623,665	28,554
66-70	85	898,439	22,823	133	850,423	18,570	218	1,748,862	22,017
71-75	123	955,133	18,607	262	1,450,654	16,300	385	2,405,787	17,573
76-80	157	1,117,695	18,425	345	1,870,838	15,680	502	2,988,533	17,001
81-85	100	628,304	12,829	239	1,089,982	12,892	339	1,718,286	13,409
86-90	52	214,808	3 10,011	148	551,327	9,454	200	766,135	9,655
TOTAL	554	4,336,897	7,828	1,190	6,215,806	5,223	1,744	10,552,703	6,051

TABLE V-3
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION A

METRO FIRE AND POLICE RETIRED LIVES

MALE EARNINGS			FE	MALE EAR	NINGS	TOTAL EARNINGS			
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	0	0	0	0	C	0	0	0	0
21-25	0	0	0	0	C	0	0	0	0
26-30	0	0	0	0	C	0	0	0	0
31-35	0	0	0	0	C	0	0	0	0
36-40	0	0	0	0	C	0	0	0	0
41-45	0	0	0	0	C	0	0	0	0
46-50	0	0	0	0	C	0	0	0	0
51-55	3	38,816	20,342	0	C	0	3	38,816	20,342
56-60	6	85,321	27,275	0	C	0	6	85,321	27,275
61-65	17	280,917	33,019	4	46,558	30,058	21	327,475	52,644
66-70	33	583,254	38,565	5	47,794	23,842	38	631,048	48,601
71-75	24	322,773	26,838	3	22,076	7,358	27	344,849	34,196
76-80	7	54,669	16,057	0	C	0	7	54,669	16,057
81-85	1	6,270	6,270	0	C	0	1	6,270	6,270
86-90	0	0	0	0	C	0	0	0	0
TOTAL	91	1,372,020	15,077	12	116,428	9,702	103	1,488,448	14,451

TABLE V-4
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION A

#### METRO TOTALS - RETIRED LIVES

	MALE EARNINGS			FE	MALE EAR	NINGS	TOTAL EARNINGS		
AGE				<u> </u>					
GROUP	NO	<b>TOTAL</b>	<b>AVERAGE</b>	NO	TOTAL	<b>AVERAGE</b>	NO	TOTAL	<b>AVERAGE</b>
1-20	0	0	0	5	47,985	9,597	5	47,985	9,597
21-25	0	0	0	2	29,542	14,771	2	29,542	14,771
26-30	0	0	0	0	0	0	0	0	0
31-35	0	0	0	0	0	0	0	0	0
36-40	2	25,746	12,873	2	12,534	6,267	4	38,280	9,570
41-45	5	52,054	10,411	18	194,169	10,787	23	246,223	10,705
46-50	33	530,350	16,071	22	272,716	12,396	55	803,066	14,601
51-55	86	1,221,109	14,199	51	471,403	9,243	137	1,692,512	12,354
56-60	101	1,281,368	12,687	66	540,709	8,193	167	1,822,077	10,911
61-65	110	1,465,046	13,319	103	840,694	8,162	213	2,305,740	10,825
66-70	125	1,522,349	12,179	165	1,147,152	6,952	290	2,669,501	9,205
71-75	153	1,324,146	8,655	294	1,705,811	5,802	447	3,029,957	6,778
76-80	168	1,197,674	7,129	359	1,930,557	5,378	527	3,128,231	5,936
81-85	101	634,574	6,283	246	1,102,616	4,482	347	1,737,190	5,006
86-90	52	214,808	4,131	150	553,944	3,693	202	768,752	3,806
TOTAL	936	9,469,224	10,117	1,483	8,849,832	5,968	2,419	18,319,056	7,573

TABLE V-5
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION B

	MALE EARNINGS			S FEMALE EARNINGS			TOTAL EARNINGS		
AGE GROUP	NO	O TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	1	1 4,878	4,878	4	24,552	6,138	5	29,430	5,886
21-25	0	0 0	0	0	0	0	0	0	0
26-30	1	1 11,902	11,902	1	9,269	9,269	2	21,171	10,585
31-35	3	3 59,911	19,970	0	0	0	3	59,911	19,970
36-40	12	12 214,651	17,887	6	96,074	16,012	18	310,725	17,262
41-45	34	34 451,290	16,808	25	314,206	23,218	59	765,496	21,862
46-50	38	38 665,472	17,512	33	358,481	21,638	71	1,023,953	25,402
51-55	74	74 986,591	20,516	54	675,954	34,305	128	1,662,545	29,950
56-60	58	58 673,726	26,247	66	643,413	21,765	124	1,317,139	23,396
61-65	19	19 199,419	17,669	44	403,134	19,547	63	602,553	19,121
66-70	1	1 6,002	6,002	2	23,865	11,932	3	29,867	9,955
71-75	0	0 0	0	0	0	0	0	0	0
76-80	0	0 0	0	0	0	0	0	0	0
81-85	0	0 0	0	0	0	0	0	0	0
86-90	0	0 0	0	0	0	0	0	0	0
ТОТАІ	241	241 - 3 273 942	12 584	235	2 548 048	10.847	176	5 822 700	12,233
76-80 81-85	0	0 0 0 0 0 0	0 0 0	0	0	0 0 0	0	0	

TABLE V-6
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION B

METRO GENERAL GOVERNMENT RETIRED LIVES

	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	1	9,860	9,860	0	C	0	1	9,860	9,860
21-25	0	C	0	0	C	0	0	0	0
26-30	1	15,829	15,829	0	C	0	1	15,829	15,829
31-35	0	C	0	0	C	0	0	0	0
36-40	0	C	0	0	C	0	0	0	0
41-45	1	7,793	7,793	6	45,403	7,567	7	53,196	7,599
46-50	7	107,224	22,943	7	89,409	35,074	14	196,633	28,090
51-55	27	546,827	50,799	19	198,647	40,088	46	745,474	50,454
56-60	42	662,538	37,457	79	824,870	32,736	121	1,487,408	36,605
61-65	187	3,609,708	39,768	297	4,019,620	38,086	484	7,629,328	41,900
66-70	273	3,838,529	32,187	444	4,351,956	29,090	717	8,190,485	30,736
71-75	162	2,115,094	33,525	252	2,318,032	24,449	414	4,433,126	27,459
76-80	38	375,070	15,283	58	564,312	17,406	96	939,382	16,507
81-85	10	163,390	28,243	10	108,329	14,602	20	271,719	22,500
86-90	3	29,557	18,553	2	28,263	28,263	5	57,820	21,881
TOTAL	752	11,481,419	15,268	1,174	12,548,841	10,689	1,926	24,030,260	12,477

TABLE V-7
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION B

METRO FIRE AND POLICE RETIRED LIVES

## AGE GROUP NO TOTAL AVERAGE NO TOTAL AVERAGE NO TOTAL AVERAGE

AGE									
GROUP	NO	TOTAL	<b>AVERAGE</b>	NO	<b>TOTAL</b>	<b>AVERAGE</b>	NO	TOTAL	<b>AVERAGE</b>
1-20	2	20,546	10,273	2	18,004	9,002	4	38,550	9,637
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	1	13,439	13,439	1	13,439	13,439
41-45	3	23,527	7,842	3	50,146	16,715	6	73,673	12,278
46-50	7	92,157	20,994	10	119,036	23,324	17	211,193	25,087
51-55	76	1,785,330	45,244	79	1,134,644	30,096	155	2,919,974	56,530
56-60	194	4,620,231	51,972	114	1,800,231	30,227	308	6,420,462	55,163
61-65	169	4,336,420	34,032	91	845,609	25,235	260	5,182,029	34,108
66-70	100	2,818,069	37,706	17	253,635	38,145	117	3,071,704	47,875
71-75	25	751,399	30,055	4	80,028	40,014	29	831,427	39,532
76-80	5	156,893	46,592	2	26,092	26,092	7	182,985	62,650
81-85	1	8,726	8,726	0	0	0	1	8,726	8,726
86-90	0	0	0	0	0	0	0	0	0
TOTAL	582	14,613,298	25,109	323	4,340,864	13,439	905	18,954,162	20,944

TABLE V-8
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
DIVISION B

METRO TOTALS - RETIRED LIVES

## AGE GROUP NO TOTAL AVERAGE NO TOTAL AVER

AGE									
<b>GROUP</b>	NO	TOTAL	<b>AVERAGE</b>	NO	<b>TOTAL</b>	<b>AVERAGE</b>	NO	TOTAL	AVERAGE
1-20	4	35,284	8,821	6	42,556	7,093	10	77,840	7,784
21-25	0	0	0	0	0	0	0	0	0
26-30	2	27,731	13,866	1	9,269	9,269	3	37,000	12,333
31-35	3	59,911	19,970	0	0	0	3	59,911	19,970
36-40	12	214,651	17,888	7	109,513	15,645	19	324,164	17,061
41-45	38	482,610	12,700	34	409,755	12,052	72	892,365	12,394
46-50	52	864,853	,	50	566,926	*	102	1,431,779	
51-55	177	3,318,748		152	2,009,245		329	5,327,993	
56-60	294	5,956,495		259	3,268,514		553	9,225,009	
61-65	375	8,145,547	21,721	432	5,268,363	12,195	807	13,413,910	16,622
66-70	374	6,662,600	17,814	463	4,629,456	9,999	837	11,292,056	13,491
71-75	187	2,866,493	*	256	2,398,060	*	443	5,264,553	*
76-80	43	531,963		60	590,404	9,840	103	1,122,367	
81-85	11	172,116	15,647	10	108,329	10,833	21	280,445	13,355
86-90	3	29,557	9,852	2	28,263	14,132	5	57,820	11,564
TOTAL	1,575	29,368,559	18,647	1,732	19,438,653	11,223	3,307	48,807,212	14,759

TABLE V-9
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
COMBINED

	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
AGE									
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	<b>TOTAL</b>	AVERAGE
1-20	1	4,878	4,878	9	72,537	8,060	10	77,415	7,742
21-25	0	0	0	2	29,542	14,771	2	29,542	14,771
26-30	1	11,902	11,902	1	9,269	9,269	2	21,171	10,586
31-35	3	59,911	19,970	0	0	0	3	59,911	19,970
36-40	14	240,397	17,171	7	102,002	14,572	21	342,399	16,305
41-45	39	503,344	12,906	39	486,955	12,486	78	990,299	12,696
46-50	71	1,195,822	16,843	49	598,725	12,219	120	1,794,547	14,955
51-55	155	2,147,513	13,855	101	1,134,075	11,228	256	3,281,588	12,819
56-60	145	1,721,777	11,874	120	1,125,834	9,382	265	2,847,611	10,746
61-65	85	1,030,397	12,122	107	926,756	8,661	192	1,957,153	10,194
66-70	8	46,658	5,832	29	272,800	9,407	37	319,458	8,634
71-75	6	46,240	7,707	29	233,081	8,037	35	279,321	7,981
76-80	4	25,310	6,328	14	59,719	4,266	18	85,029	4,724
81-85	0	0	0	7	12,634	1,805	7	12,634	1,805
86-90	0	0	0	2	2,617	1,309	2	2,617	1,309
TOTAL	532	7,034,149	13,222	516	5,066,546	9,819	1,048	12,100,695	11,546

TABLE V-10

DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS

COMBINED

#### METRO GENERAL GOVERNMENT RETIRED LIVES

	MALE EARNINGS			FEMALE EARNINGS			TOTAL EARNINGS		
AGE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	1	9,860	9,860	0	C	0	1	9,860	9,860
21-25	0	C	0	0	C	0	0	0	0
26-30	1	15,829	15,829	0	C	0	1	15,829	15,829
31-35	0	C	0	0	C	0	0	0	0
36-40	0	C	0	1	6,606	6,606	1	6,606	6,606
41-45	1	7,793	7,793	10	66,823	6,682	11	74,616	6,783
46-50	7	107,224	15,318	13	121,881	9,375	20	229,105	11,455
51-55	29	568,198	19,593	23	211,929	9,214	52	780,127	15,002
56-60	50	810,534	16,211	91	883,158	9,705	141	1,693,692	12,012
61-65	214	3,962,859	18,518	333	4,290,134	12,883	547	8,252,993	15,088
66-70	358	4,736,968	3 13,232	577	5,202,379	9,016	935	9,939,347	10,630
71-75	285	3,070,227	10,773	514	3,768,686	7,332	799	6,838,913	8,559
76-80	195	1,492,765	7,655	403	2,435,150	6,043	598	3,927,915	6,568
81-85	110	791,694	7,197	249	1,198,311	4,812	359	1,990,005	5,543
86-90	55	244,365	4,443	150	579,590	3,864	205	823,955	4,019
TOTAL	1 20 6	15 010 014	10.110	2.264	10.764.647	7.020	2 (70	24.502.052	0.422
TOTAL	1,306	15,818,316	5 12,112	2,364	18,764,647	7,938	3,670	34,582,963	9,423

TABLE V-11
DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS
COMBINED

METRO FIRE AND POLICE RETIRED LIVES

# AGE NO TOTAL EARNINGS TOTAL EARNINGS 1-20 2 20,546 10,273 2 18,004 9,002 4 38,550 9

GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
1-20	2	20,546	10,273	2	18,004	9,002	4	38,550	9,638
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	1	13,439	13,439	1	13,439	13,439
41-45	3	23,527	7,842	3	50,146	16,715	6	73,673	12,279
46-50	7	92,157	13,165	10	119,036	11,904	17	211,193	12,423
51-55	79	1,824,146	23,090	79	1,134,644	14,363	158	2,958,790	18,727
56-60	200	4,705,552	23,528	114	1,800,231	15,792	314	6,505,783	20,719
61-65	186	4,617,337	24,824	95	892,167	9,391	281	5,509,504	19,607
66-70	133	3,401,323	25,574	22	301,429	13,701	155	3,702,752	23,889
71-75	49	1,074,172	21,922	7	102,104	14,586	56	1,176,276	21,005
76-80	12	211,562	17,630	2	26,092	13,046	14	237,654	16,975
81-85	2	14,996	7,498	0	0	0	2	14,996	7,498
86-90	0	0	0	0	0	0	0	0	0
TOTAL	673	15,985,318	23,752	335	4,457,292	13,305	1,008	20,442,610	20,280

TABLE V-12  $\label{eq:proposition} \mbox{DISTRIBUTION OF BASE BENEFITS BY AGE GROUPS }$   $\mbox{COMBINED}$ 

#### METRO TOTALS - RETIRED LIVES

	MALE EARNINGS			FE	FEMALE EARNINGS			TOTAL EARNINGS		
AGE										
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
1-20	4	35,284	8,821	11	90,541	16,690	15	125,825	17,381	
21-25	0	0	0	2	29,542	14,771	2	29,542	14,771	
26-30	2	27,731	13,866	1	9,269	9,269	3	37,000	12,333	
31-35	3	59,911	19,970	0	0	0	3	59,911	19,970	
36-40	14	240,397	30,761	9	122,047	21,912	23	362,444	26,631	
41-45	43	534,664	23,111	52	603,924	22,839	95	1,138,588	23,099	
46-50	85	1,395,203	32,703	72	839,642	23,735	157	2,234,845	28,638	
51-55	263	4,539,857	32,949	203	2,480,648	22,462	466	7,020,505	28,549	
56-60	395	7,237,863	32,947	325	3,809,223	20,812	720	11,047,086	27,592	
61-65	485	9,610,593	35,040	535	6,109,057	20,357	1,020	15,719,650	27,447	
66-70	499	8,184,949	29,993	628	5,776,608	16,951	1,127	13,961,557	22,696	
71-75	340	4,190,639	23,983	550	4,103,871	15,170	890	8,294,510	18,662	
76-80	211	1,729,637	19,500	419	2,520,961	15,218	630	4,250,598	16,833	
81-85	112	806,690	21,930	256	1,210,945	15,315	368	2,017,635	18,361	
86-90	55	244,365	13,983	152	582,207	17,824	207	826,572	15,370	
TOTAL	2,511	38,837,783	15,467	3,215	28,288,485	8,799	5,726	67,126,268	11,723	

TABLE VI-1

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION A

MALE EARNINGS				FE	<u>MALE EAR</u>	NINGS	TOTAL EARNINGS			
SERVICE			_			_				
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
0	1	18,145	18,145	5	75,155	32,715	6	93,300	32,503	
1	2	19,074	19,074	5	58,481	18,093	7	77,555	21,198	
2	1	4,822	4,822	6	80,515	27,667	7	85,337	26,114	
3	4	53,048	13,262	7	85,016	24,753	11	138,064	26,006	
4	1	9,877	9,877	15	179,818	26,084	16	189,695	24,853	
0-4	9	104,966	18,412	38	478,985	25,324	47	583,951	25,113	
5-9	43	662,883	24,988	53	570,202	20,510	96	1,233,085	25,591	
10-14	154	2,121,583	20,425	103	998,761	19,369	257	3,120,344	23,011	
15-19	63	695,243	17,903	51	353,206	13,834	114	1,048,449	16,969	
20-24	13	127,431	9,802	26	92,600	8,418	39	220,031	12,278	
25-29	7	35,141	5,020	5	17,295	6,851	12	52,436	8,294	
			*	-				*		
30-34	2	13,060	· · · · · · · · · · · · · · · · · · ·	4	5,844		6	18,904	,	
35-39	0	0	0	1	705	705	1	705	705	
40-44	0	0	0	0	0	0	0	0	0	
45-49	0	0	0	0	0	0	0	0	0	
TOTAL	291	3,760,307	12,922	281	2,517,598	8,959	572	6,277,905	20,978	

TABLE VI-2
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
DIVISION A

METRO GENERAL GOVERNMENT RETIRED LIVES

	$\mathbf{N}$	IALE EARN	INGS	FE	MALE EAR	NINGS	TOTAL EARNINGS		
SERVICE									
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	2	15,241	15,241	14	79,279	15,792	16	94,520	18,174
1	1	1,890	1,890	20	152,943	16,231	21	154,833	15,894
2	5	75,677	15,135	25	120,179	16,195	30	195,856	23,822
3	6	42,805	12,636	18	128,707	13,949	24	171,512	14,454
4	13	82,511	22,899	17	120,647	11,948	30	203,158	24,459
0-4	27	218,124	25,747	94	601,755	20,187	121	819,879	23,869
5-9	32	263,207	27,362	119	692,983	19,365	151	956,190	22,087
10-14	239	2,021,207	21,796	468	2,685,675	17,097	707	4,706,882	19,562
15-19	140	1,237,858	20,529	286	1,376,166	14,384	426	2,614,024	17,143
20-24	75	443,703	13,323	149	595,533	14,015	224	1,039,236	13,829
25-29	30	111,296	7,728	55	185,543	7,996	85	296,839	8,065
30-34	9	29,879		17	71,692	*	26	101,571	8,878
35-39	1	8,503		2	6,459		3	14,962	
40-44	1	3,120		0	0,437		1	3,120	
45-49	0	5,120		0	0	-	0	5,120	0,120
43-49	0	0	<u> </u>		0	0		0	<u> </u>
TOTAL	554	4,336,897	7,828	1,190	6,215,806	5,223	1,744	10,552,703	6,051

TABLE VI-3
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
DIVISION A

#### METRO FIRE AND POLICE RETIRED LIVES

_	MALE EARNINGS			FE	MALE EAR	NINGS	T(	TOTAL EARNINGS		
SERVICE										
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
0	0	0	0	0	0	0	0	0	0	
1	4	80,906	20,226	0	0	0	4	80,906	20,226	
2	1	1,869	1,869	2	21,366	10,683	3	23,235	12,552	
3	1	17,469	17,469	1	5,221	5,221	2	22,690	22,690	
4	0	0	0	0	0	0	0	0	0	
0-4	6	100,244	21,544	3	26,587	15,904	9	126,831	20,650	
5-9	9	241,614	48,537	4	65,812	16,453	13	307,426	64,990	
10-14	40	678,819	32,939	2	12,232	12,232	42	691,051	37,932	
15-19	18	215,292	23,921	2	6,505	6,505	20	221,797	26,483	
20-24	13	105,706	14,822	0	0	0	13	105,706	14,822	
25-29	3	19,046	6,348	1	5,292	5,292	4	24,338	6,084	
30-34	2	11,299	11,299	0	0	0	2	11,299	11,299	
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	91	1,372,020	15,077	12	116,428	9,702	103	1,488,448	14,451	

TABLE VI-4
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
DIVISION A

#### METRO TOTALS - RETIRED LIVES

_	MALE EARNINGS		FE	MALE EAR	NINGS	TOTAL EARNINGS			
SERVICE			_						
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	3	33,386	11,129	19	154,434	8,128	22	187,820	8,537
1	7	101,870	14,553	25	211,424	8,457	32	313,294	9,790
2	7	82,368	11,767	33	222,060	6,729	40	304,428	7,611
3	11	113,322	10,302	26	218,944	8,421	37	332,266	8,980
4	14	92,388	6,599	32	300,465	9,390	46	392,853	8,540
0-4	42	423,334	10,079	135	1,107,327	8,202	177	1,530,661	8,648
			,					, ,	
5-9	84	1,167,704		176	1,328,997	· · · · · · · · · · · · · · · · · · ·	260	2,496,701	9,603
10-14	433	4,821,609	11,135	573	3,696,668	6,451	1,006	8,518,277	8,467
15-19	221	2,148,393	9,721	339	1,735,877	5,121	560	3,884,270	6,936
20-24	101	676,840	6,701	175	688,133	3,932	276	1,364,973	4,946
25-29	40	165,483	4,137	61	208,130	3,412	101	373,613	3,699
30-34	13			21				,	
	_	54,238	,		77,536	· ·	34	131,774	,
35-39	1	8,503	8,503	3	7,164	2,388	4	15,667	3,917
40-44	1	3,120	3,120	0	0	0	1	3,120	3,120
45-49	0	0	0	0	0	0	0	0	0
TOTAL	936	9,469,224	10,117	1,483	8,849,832	5,968	2,419	18,319,056	7,573

TABLE VI-5
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
DIVISION B

_	MALE EARNINGS		FE	MALE EAR	NINGS	TOTAL EARNINGS			
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	30	556,990	32,350	27	401,719	33,497	57	958,709	35,434
1	30	436,072	32,018	36	458,484	26,285	66	894,556	27,826
2	34	414,241	19,559	43	447,735	23,430	77	861,976	22,482
3	27	358,541	19,561	28	283,484	20,236	55	642,025	21,372
4	32	422,481	19,928	27	249,139	16,903	59	671,620	18,769
0-4	153	2,188,325	23,897	161	1,840,561	25,031	314	4,028,886	25,698
5-9	88	1,085,517	18,035	73	692,751	19,541	161	1,778,268	20,048
10-14	0	0	0	1	15,636	15,636	1	15,636	15,636
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	241	3.273.842	13,584	235	2.548.948	10.847	476	5.822.790	12,233

TABLE VI-6
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
DIVISION B

METRO GENERAL GOVERNMENT RETIRED LIVES

#### **TOTAL EARNINGS** MALE EARNINGS FEMALE EARNINGS **SERVICE GROUP** NO TOTAL AVERAGE NO TOTAL AVERAGE NO TOTAL AVERAGE 39 24,152 918,459 24,303 105 1,537,338 24,420 0 618,879 66 29,672 37,714 1 117 2,192,652 168 2,208,458 35,361 285 4,401,110 2 47 822,480 53,447 79 1,063,754 35,832 126 1,886,234 43,226 3 64 1,087,967 38,900 104 1,238,897 28,163 168 2,326,864 31,829 4 66 1,083,783 35,126 141 1,487,649 32,876 207 2,571,432 35,556 333 0-45,805,761 43,267 558 6,917,217 34,045 891 12,722,978 37,793 5-9 416 5,640,291 35,209 611 5,597,124 27,482 1,027 11,237,415 30,872 10-14 31,298 15,649 17,502 22,511 2 3 26,870 5 58,168 15-19 2 7,630 3,815 2 7,630 3,815 0 0 0 20-24 0 0 0 0 0 0 0 0 0 4,069 4,069 0 0 0 25-29 1 1 4,069 4,069 30-34 0 0 0 0 0 0 0 0 0

0

0

0

1,174

0

0

0

12,548,841

0

0

0

10,689

0

0

0

1,926

0

0

0

24,030,260

0

0

0

12,477

35-39

40-44

45-49

TOTAL

0

0

0

752

0

0

0

11,481,419

0

0

0

15,268

TABLE VI-7
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
DIVISION B

#### METRO FIRE AND POLICE RETIRED LIVES

	MALE EARNINGS			FE	MALE EAR	NINGS	T	TOTAL EARNINGS			
SERVICE											
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE		
0	45	1,128,726	35,472	66	1,055,923	38,002	111	2,184,649	37,871		
1	198	5,121,644	32,132	133	1,780,321	29,151	331	6,901,965	34,809		
2	51	1,186,162	57,801	50	597,670	25,288	101	1,783,832	54,239		
3	49	988,185	24,634	38	350,290	21,744	87	1,338,475	28,718		
4	83	2,281,821	48,603	14	191,258	25,032	97	2,473,079	46,737		
0-4	426	10,706,538	50,426	301	3,975,462	27,749	727	14,682,000	50,545		
5-9	156	3,906,760	46,097	20	352,023	35,425	176	4,258,783	62,325		
10-14	0	0	0	2	13,379	6,689	2	13,379	6,689		
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	582	14,613,298	25,109	323	4,340,864	13,439	905	18,954,162	20,944		

TABLE VI-8

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

DIVISION B

#### METRO TOTALS - RETIRED LIVES

_	MALE EARNINGS			FE	MALE EAR	NINGS	TOTAL EARNINGS		
SERVICE									
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	<b>AVERAGE</b>	NO	TOTAL	<b>AVERAGE</b>
0	114	2,304,595	20,216	159	2,376,101	14,944	273	4,680,696	17,145
1	345	7,750,368	22,465	337	4,447,263	13,197	682	12,197,631	17,885
2	132	2,422,883	18,355	172	2,109,159	12,263	304	4,532,042	14,908
3	140	2,434,693	17,391	170	1,872,671	11,016	310	4,307,364	13,895
4	181	3,788,085	20,929	182	1,928,046	10,594	363	5,716,131	15,747
0-4	912	18,700,624	20,505	1,020	12,733,240	12,484	1,932	31,433,864	16,270
5-9	660	10,632,568	16,110	704	6,641,898	9,435	1,364	17,274,466	12,665
10-14	2	31,298	15,649	6	55,885	9,314	8	87,183	10,898
15-19	0	0	0	2	7,630	3,815	2	7,630	3,815
20-24	0	0	0	0	0	0	0	0	0
25-29	1	4,069	4,069	0	0	0	1	4,069	4,069
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	1,575	29,368,559	18,647	1,732	19,438,653	11,223	3,307	48,807,212	14,759

TABLE VI-9
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
COMBINED

_	MALE EARNINGS		FE	MALE EAR	NINGS	TOTAL EARNINGS			
SERVICE			_	'					
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	31	575,135	18,553	32	476,874	14,902	63	1,052,009	16,699
1	32	455,146	14,223	41	516,965	12,609	73	972,111	13,317
2	35	419,063	11,973	49	528,250	10,781	84	947,313	11,278
3	31	411,589	13,277	35	368,500	10,529	66	780,089	11,820
4	33	432,358	13,102	42	428,957	10,213	75	861,315	11,484
0-4	162	2,293,291	14,156	199	2,319,546	11,656	361	4,612,837	12,778
5-9	131	1,748,400	13,347	126	1,262,953	10,023	257	3,011,353	11,717
10-14	154	2,121,583	13,777	104	1,014,397	9,754	258	3,135,980	12,155
15-19	63	695,243	11,036	51	353,206	6,926	114	1,048,449	9,197
20-24	13	127,431	9,802	26	92,600	3,562	39	220,031	5,642
25-29	7	35,141	5,020	5	17,295	3,459	12	52,436	4,370
30-34	2	13,060	6,530	4	5,844	1,461	6	18,904	3,151
35-39	0	0	0	1	705	705	1	705	705
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
•									
TOTAL	532	7,034,149	13,222	516	5,066,546	9,819	1,048	12,100,695	11,546

TABLE VI-10

DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT

COMBINED

#### METRO GENERAL GOVERNMENT RETIRED LIVES

	MALE EARNINGS			FE	MALE EAR	NINGS	T	TOTAL EARNINGS			
SERVICE											
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE		
0	41	634,120	15,466	80	997,738	12,472	121	1,631,858	13,486		
1	118	2,194,542	18,598	188	2,361,401	12,561	306	4,555,943	14,889		
2	52	898,157	17,272	104	1,183,933	11,384	156	2,082,090	13,347		
3	70	1,130,772	16,154	122	1,367,604	11,210	192	2,498,376	13,012		
4	79	1,166,294	14,763	158	1,608,296	10,179	237	2,774,590	11,707		
0-4	360	6,023,885	16,733	652	7,518,972	11,532	1,012	13,542,857	13,382		
5-9	448	5,903,498	,	730	6,290,107	*	1,178	12,193,605			
10-14	241	2,052,505		471	2,712,545		712	4,765,050			
15-19	140	1,237,858	8,842	288	1,383,796	4,805	428	2,621,654	6,125		
20-24	75	443,703	5,916	149	595,533	3,997	224	1,039,236	4,639		
25-29	31	115,365	3,721	55	185,543	3,374	86	300,908	3,499		
30-34	9	29,879		17	71,692		26	101,571			
35-39	1	8,503		2	6,459		3	14,962			
40-44	1	3,120	3,120	0	0		1	3,120	3,120		
45-49	0	0		0	0	0	0	0			
TOTAL	1,306	15,818,316	12,112	2,364	18,764,647	7,938	3,670	34,582,963	9,423		

# TABLE VI-11 DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT COMBINED

#### METRO FIRE AND POLICE RETIRED LIVES

_	MALE EARNINGS		FE	MALE EAR	NINGS	TOTAL EARNINGS			
SERVICE GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE
0	45	1,128,726	25,083	66	1,055,923	15,999	111	2,184,649	19,682
1	202	5,202,550		133	1,780,321		335	6,982,871	
2	52	1,188,031		52	619,036	11,905	104	1,807,067	17,376
3	50	1,005,654	20,113	39	355,511	9,116	89	1,361,165	
4	83	2,281,821	27,492	14	191,258	13,661	97	2,473,079	25,496
0-4	432	10,806,782	25,016	304	4,002,049	13,165	736	14,808,831	20,121
5-9	165	4,148,374		24	417,835		189	4,566,209	
10-14	40	678,819		4	25,611		44	704,430	
15-19	18	215,292	11,961	2	6,505	3,253	20	221,797	11,090
20-24	13	105,706	8,131	0	0	0	13	105,706	8,131
25-29	3	19,046	6,349	1	5,292	5,292	4	24,338	6,085
30-34	2	11,299	· · · · · · · · · · · · · · · · · · ·	0	0		2	11,299	
35-39	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	673	15,985,318	23,752	335	4,457,292	13,305	1,008	20,442,610	20,280

TABLE VI-12
DISTRIBUTION OF BASE BENEFITS BY YEARS SINCE RETIREMENT
COMBINED

#### METRO TOTALS - RETIRED LIVES

_	MALE EARNINGS			FE	MALE EAR	NINGS	T	TOTAL EARNINGS		
SERVICE										
GROUP	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	NO	TOTAL	AVERAGE	
0	117	2,337,981	31,344	178	2,530,535	23,072	295	4,868,516	25,683	
1	352	7,852,238	37,018	362	4,658,687	21,654	714	12,510,925	27,676	
2	139	2,505,251	30,122	205	2,331,219	18,992	344	4,836,470	22,519	
3	151	2,548,015	27,693	196	2,091,615	19,437	347	4,639,630	22,875	
4	195	3,880,473	27,528	214	2,228,511	19,983	409	6,108,984	24,287	
0-4	954	19,123,958	30,584	1,155	13,840,567	20,686	2,109	32,964,525	24,918	
5-9	744	11,800,272	30,011	880	7,970,895		1,624	19,771,167		
10-14	435	4,852,907	26,784	579	3,752,553		1,014	8,605,460		
15-19	221	2,148,393	9,721	341	1,743,507	8,936	562	3,891,900	10,751	
20-24	101	676,840	6,701	175	688,133	3,932	276	1,364,973	4,946	
25-29	41	169,552	8,206	61	208,130	3,412	102	377,682	7,768	
30-34	13	54,238	4,172	21	77,536	3,692	34	131,774	3,876	
35-39	1	8,503	8,503	3	7,164	2,388	4	15,667	3,917	
40-44	1	3,120	3,120	0	0	0	1	3,120	3,120	
45-49	0	0	0	0	0	0	0	0	0	
TOTAL	2,511	38,837,783	15,467	3,215	28,288,485	8,799	5,726	67,126,268	11,723	

TABLE VII-1
PROJECTION OF BENEFIT PAYOUT
DIVISION A

<b>CALENDAR</b>	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	572	6,277,900	62,196,395	3,126,278	62,196,395
2006	0	0	0	6,195,176	60,731,487
2007	0	0	0	6,133,160	59,211,196
2008	0	0	0	6,066,177	57,636,099
2009	0	0	0	5,993,903	56,007,149
2010	0	0	0	5,916,140	54,325,718
2011	0	0	0	5,832,572	52,593,523
2012	0	0	0	5,742,784	50,812,740
2013	0	0	0	5,646,342	48,986,116
2014	0	0	0	5,542,909	47,117,043
2015	0	0	0	5,432,175	45,209,508
2016	0	0	0	5,313,844	43,268,100
2017	0	0	0	5,187,708	41,298,041
2018	0	0	0	5,053,582	39,305,140
2019	0	0	0	4,911,369	37,295,801
2020	0	0	0	4,761,070	35,276,978
2021	0	0	0	4,602,730	33,256,116
2022	0	0	0	4,436,464	31,241,135
2023	0	0	0	4,262,463	29,240,394
2024	0	0	0	4,081,071	27,262,637

TABLE VII-2
PROJECTION OF BENEFIT PAYOUT
DIVISION A

#### METRO GENERAL GOVERNMENT RETIRED LIVES

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	<b>TOTAL</b>	TOTAL
YEAR	RETIRING	<b>BENEFITS</b>	LIABILITY	<b>PAYOUT</b>	LIABILITY
2005	1,744	10,552,696	84,268,273	6,410,761	102,890,378
2006	0	0	0	12,502,276	97,939,297
2007	0	0	0	12,133,595	92,763,584
2008	0	0	0	11,718,528	87,414,845
2009	0	0	0	11,260,690	81,945,897
2010	0	0	0	10,764,299	76,410,101
2011	0	0	0	10,234,170	70,860,520
2012	0	0	0	9,675,633	65,349,028
2013	0	0	0	9,094,555	59,925,453
2014	0	0	0	8,497,313	54,636,622
2015	0	0	0	7,890,640	49,525,319
2016	0	0	0	7,281,376	44,629,340
2017	0	0	0	6,676,259	39,980,792
2018	0	0	0	6,081,774	35,605,615
2019	0	0	0	5,503,991	31,523,276
2020	0	0	0	4,948,364	27,746,652
2021	0	0	0	4,419,577	24,282,190
2022	0	0	0	3,921,412	21,130,320
2023	0	0	0	3,456,679	18,286,064
2024	0	0	0	3,027,146	15,739,813

## TABLE VII-3 PROJECTION OF BENEFIT PAYOUT

#### METRO FIRE AND POLICE RETIRED LIVES

DIVISION A

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2005	103	1,488,453	15,942,222	834,408	17,872,479
2006	0	0	0	1,682,765	17,574,481
2007	0	0	0	1,690,980	17,204,372
2008	0	0	0	1,693,044	16,763,897
2009	0	0	0	1,688,553	16,255,625
2010	0	0	0	1,677,144	15,683,022
2011	0	0	0	1,658,505	15,050,480
2012	0	0	0	1,632,406	14,363,328
2013	0	0	0	1,598,686	13,627,810
2014	0	0	0	1,557,292	12,851,067
2015	0	0	0	1,508,315	12,041,065
2016	0	0	0	1,451,981	11,206,459
2017	0	0	0	1,388,661	10,356,454
2018	0	0	0	1,318,880	9,500,644
2019	0	0	0	1,243,348	8,648,815
2020	0	0	0	1,162,974	7,810,691
2021	0	0	0	1,078,836	6,995,605
2022	0	0	0	992,133	6,212,199
2023	0	0	0	904,160	5,468,170
2024	0	0	0	816,268	4,770,035

## TABLE VII-4 PROJECTION OF BENEFIT PAYOUT

#### DIVISION A

#### **DEFERRED VESTED BENEFITS**

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	23	162,946	1,789,023	80,954	1,789,023
2006	5	27,545	295,947	176,554	2,089,245
2007	3	21,012	188,548	205,317	2,277,560
2008	8	54,448	488,202	252,018	2,757,804
2009	2	16,825	134,936	293,245	2,879,098
2010	5	36,260	248,490	313,420	3,104,304
2011	4	21,663	142,302	351,141	3,212,260
2012	3	15,007	91,499	376,902	3,257,970
2013	6	40,540	226,044	408,104	3,426,290
2014	2	11,964	80,209	435,386	3,437,029
2015	4	24,124	124,720	455,151	3,480,975
2016	8	43,585	196,966	496,329	3,585,765
2017	3	18,577	69,548	517,936	3,551,583
2018	5	27,855	111,535	548,626	3,546,830
2019	3	15,879	50,342	564,561	3,470,039
2020	2	6,408	19,901	566,510	3,351,602
2021	2	10,837	35,398	570,232	3,238,610
2022	3	25,116	62,572	581,319	3,144,354
2023	3	19,752	56,023	598,002	3,036,000
2024	4	14,465	33,760	597,135	2,899,834

## TABLE VII-5 PROJECTION OF BENEFIT PAYOUT

#### DIVISION A

#### METRO TOTALS

CALENDAR YEAR	NUMBER RETIRING	EMERGING BENEFITS	EMERGING LIABILITY	TOTAL PAYOUT	TOTAL LIABILITY
2005	2,442	18,481,995	164,195,913	10,452,401	184,748,275
2006	5	27,545	295,947	20,556,771	178,334,510
2007	3	21,012	188,548	20,163,052	171,456,712
2008	8	54,448	488,202	19,729,767	164,572,645
2009	2	16,825	134,936	19,236,391	157,087,769
2010	5	36,260	248,490	18,671,003	149,523,145
2011	4	21,663	142,302	18,076,388	141,716,783
2012	3	15,007	91,499	17,427,725	133,783,066
2013	6	40,540	226,044	16,747,687	125,965,669
2014	2	11,964	80,209	16,032,900	118,041,761
2015	4	24,124	124,720	15,286,281	110,256,867
2016	8	43,585	196,966	14,543,530	102,689,664
2017	3	18,577	69,548	13,770,564	95,186,870
2018	5	27,855	111,535	13,002,862	87,958,229
2019	3	15,879	50,342	12,223,269	80,937,931
2020	2	6,408	19,901	11,438,918	74,185,923
2021	2	10,837	35,398	10,671,375	67,772,521
2022	3	25,116	62,572	9,931,328	61,728,008
2023	3	19,752	56,023	9,221,304	56,030,628
2024	4	14,465	33,760	8,521,620	50,672,319

#### PROJECTION OF BENEFIT PAYOUT

#### **DIVISION B**

<b>CALENDAR</b>	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	476	5,822,785	57,956,429	2,904,901	57,956,429
2006	0	0	0	5,780,337	57,019,420
2007	0	0	0	5,748,038	56,036,289
2008	0	0	0	5,712,604	55,006,103
2009	0	0	0	5,674,169	53,928,170
2010	0	0	0	5,632,493	52,801,650
2011	0	0	0	5,587,116	51,625,857
2012	0	0	0	5,537,694	50,400,486
2013	0	0	0	5,483,909	49,125,562
2014	0	0	0	5,425,417	47,801,415
2015	0	0	0	5,361,818	46,428,725
2016	0	0	0	5,292,750	45,008,613
2017	0	0	0	5,217,849	43,542,632
2018	0	0	0	5,136,825	42,032,818
2019	0	0	0	5,049,400	40,481,663
2020	0	0	0	4,955,167	38,892,141
2021	0	0	0	4,853,760	37,267,843
2022	0	0	0	4,744,827	35,612,996
2023	0	0	0	4,628,073	33,932,490
2024	0	0	0	4,503,358	32,231,874

#### PROJECTION OF BENEFIT PAYOUT

#### **DIVISION B**

#### METRO GENERAL GOVERNMENT RETIRED LIVES

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	1,926	24,030,251	249,611,531	12,523,254	261,991,483
2006	0	0	0	25,065,907	256,447,426
2007	0	0	0	25,025,461	250,208,586
2008	0	0	0	24,921,560	243,292,155
2009	0	0	0	24,750,659	235,721,889
2010	0	0	0	24,509,363	227,528,622
2011	0	0	0	24,194,518	218,750,703
2012	0	0	0	23,803,375	209,434,352
2013	0	0	0	23,333,781	199,633,868
2014	0	0	0	22,784,342	189,411,556
2015	0	0	0	22,154,658	178,837,453
2016	0	0	0	21,445,459	167,988,731
2017	0	0	0	20,658,710	156,948,825
2018	0	0	0	19,797,752	145,806,363
2019	0	0	0	18,867,495	134,653,801
2020	0	0	0	17,874,527	123,585,701
2021	0	0	0	16,827,128	112,696,703
2022	0	0	0	15,735,228	102,079,309
2023	0	0	0	14,610,229	91,821,516
2024	0	0	0	13,464,713	82,004,483

#### PROJECTION OF BENEFIT PAYOUT

#### **DIVISION B**

#### METRO FIRE AND POLICE RETIRED LIVES

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	905	18,954,156	225,192,974	9,723,158	232,019,776
2006	0	0	0	19,618,961	229,888,297
2007	0	0	0	19,760,256	227,210,174
2008	0	0	0	19,867,272	223,978,957
2009	0	0	0	19,936,982	220,191,770
2010	0	0	0	19,966,330	215,849,762
2011	0	0	0	19,952,273	210,958,517
2012	0	0	0	19,891,849	205,528,452
2013	0	0	0	19,782,248	199,575,122
2014	0	0	0	19,620,822	193,119,479
2015	0	0	0	19,405,100	186,188,124
2016	0	0	0	19,132,949	178,813,575
2017	0	0	0	18,802,676	171,034,339
2018	0	0	0	18,413,101	162,894,827
2019	0	0	0	17,963,573	154,445,187
2020	0	0	0	17,454,121	145,741,093
2021	0	0	0	16,885,738	136,843,309
2022	0	0	0	16,260,307	127,816,819
2023	0	0	0	15,580,640	118,729,970
2024	0	0	0	14,850,750	109,653,522

**TABLE VII-9** 

#### PROJECTION OF BENEFIT PAYOUT

#### **DIVISION B**

#### **DEFERRED VESTED BENEFITS**

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	109	1,163,036	12,084,184	577,579	12,084,184
2006	27	221,929	2,399,989	1,282,419	14,350,799
2007	24	176,596	1,693,119	1,487,193	15,880,614
2008	24	280,815	2,522,966	1,720,601	18,200,376
2009	40	307,405	2,506,913	2,051,440	20,460,619
2010	33	393,651	2,983,313	2,350,935	23,144,954
2011	40	353,315	2,485,375	2,779,255	25,275,895
2012	54	475,854	3,087,189	3,235,588	27,947,778
2013	55	456,189	2,712,679	3,696,680	30,176,850
2014	49	449,582	2,496,545	4,184,376	32,115,130
2015	54	447,256	2,239,011	4,611,286	33,716,837
2016	62	426,540	1,990,510	5,036,345	34,986,510
2017	52	350,127	1,542,278	5,465,646	35,721,596
2018	53	381,022	1,500,516	5,807,088	36,328,936
2019	44	313,275	1,220,355	6,181,551	36,565,803
2020	50	359,390	1,229,035	6,482,068	36,726,252
2021	51	314,306	988,214	6,795,026	36,559,097
2022	50	349,461	1,044,270	7,078,970	36,363,724
2023	40	273,428	747,079	7,341,909	35,791,574
2024	48	332,994	852,036	7,590,879	35,248,722

#### PROJECTION OF BENEFIT PAYOUT

#### **DIVISION B**

#### METRO TOTALS

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	<b>BENEFITS</b>	LIABILITY	<b>PAYOUT</b>	LIABILITY
2005	3,416	49,970,228	544,845,118	25,728,892	564,051,872
2006	27	221,929	2,399,989	51,747,624	557,705,942
2007	24	176,596	1,693,119	52,020,948	549,335,663
2008	24	280,815	2,522,966	52,222,037	540,477,591
2009	40	307,405	2,506,913	52,413,250	530,302,448
2010	33	393,651	2,983,313	52,459,121	519,324,988
2011	40	353,315	2,485,375	52,513,162	506,610,972
2012	54	475,854	3,087,189	52,468,506	493,311,068
2013	55	456,189	2,712,679	52,296,618	478,511,402
2014	49	449,582	2,496,545	52,014,957	462,447,580
2015	54	447,256	2,239,011	51,532,862	445,171,139
2016	62	426,540	1,990,510	50,907,503	426,797,429
2017	52	350,127	1,542,278	50,144,881	407,247,392
2018	53	381,022	1,500,516	49,154,766	387,062,944
2019	44	313,275	1,220,355	48,062,019	366,146,454
2020	50	359,390	1,229,035	46,765,883	344,945,187
2021	51	314,306	988,214	45,361,652	323,366,952
2022	50	349,461	1,044,270	43,819,332	301,872,848
2023	40	273,428	747,079	42,160,851	280,275,550
2024	48	332,994	852,036	40,409,700	259,138,601

#### PROJECTION OF BENEFIT PAYOUT

#### **COMBINED**

<b>CALENDAR</b>	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	1,048	12,100,685	120,152,824	6,031,179	120,152,824
2006	0	0	0	11,975,513	117,750,907
2007	0	0	0	11,881,198	115,247,485
2008	0	0	0	11,778,781	112,642,202
2009	0	0	0	11,668,072	109,935,319
2010	0	0	0	11,548,633	107,127,368
2011	0	0	0	11,419,688	104,219,380
2012	0	0	0	11,280,478	101,213,226
2013	0	0	0	11,130,251	98,111,678
2014	0	0	0	10,968,326	94,918,458
2015	0	0	0	10,793,993	91,638,233
2016	0	0	0	10,606,594	88,276,713
2017	0	0	0	10,405,557	84,840,673
2018	0	0	0	10,190,407	81,337,958
2019	0	0	0	9,960,769	77,777,464
2020	0	0	0	9,716,237	74,169,119
2021	0	0	0	9,456,490	70,523,959
2022	0	0	0	9,181,291	66,854,131
2023	0	0	0	8,890,536	63,172,884
2024	0	0	0	8,584,429	59,494,511

#### PROJECTION OF BENEFIT PAYOUT

#### **COMBINED**

#### METRO GENERAL GOVERNMENT RETIRED LIVES

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	3,670	34,582,947	333,879,804	18,934,015	364,881,861
2006	0	0	0	37,568,183	354,386,723
2007	0	0	0	37,159,056	342,972,170
2008	0	0	0	36,640,088	330,707,000
2009	0	0	0	36,011,349	317,667,786
2010	0	0	0	35,273,662	303,938,723
2011	0	0	0	34,428,688	289,611,223
2012	0	0	0	33,479,008	274,783,380
2013	0	0	0	32,428,336	259,559,321
2014	0	0	0	31,281,655	244,048,178
2015	0	0	0	30,045,298	228,362,772
2016	0	0	0	28,726,835	212,618,071
2017	0	0	0	27,334,969	196,929,617
2018	0	0	0	25,879,526	181,411,978
2019	0	0	0	24,371,486	166,177,077
2020	0	0	0	22,822,891	151,332,353
2021	0	0	0	21,246,705	136,978,893
2022	0	0	0	19,656,640	123,209,629
2023	0	0	0	18,066,908	110,107,580
2024	0	0	0	16,491,859	97,744,296

#### PROJECTION OF BENEFIT PAYOUT

#### **COMBINED**

#### METRO FIRE AND POLICE RETIRED LIVES

<b>CALENDAR</b>	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	1,008	20,442,609	241,135,196	10,557,566	249,892,255
2006	0	0	0	21,301,726	247,462,778
2007	0	0	0	21,451,236	244,414,546
2008	0	0	0	21,560,316	240,742,854
2009	0	0	0	21,625,535	236,447,395
2010	0	0	0	21,643,474	231,532,784
2011	0	0	0	21,610,778	226,008,997
2012	0	0	0	21,524,255	219,891,780
2013	0	0	0	21,380,934	213,202,932
2014	0	0	0	21,178,114	205,970,546
2015	0	0	0	20,913,415	198,229,189
2016	0	0	0	20,584,930	190,020,034
2017	0	0	0	20,191,337	181,390,793
2018	0	0	0	19,731,981	172,395,471
2019	0	0	0	19,206,921	163,094,002
2020	0	0	0	18,617,095	153,551,784
2021	0	0	0	17,964,574	143,838,914
2022	0	0	0	17,252,440	134,029,018
2023	0	0	0	16,484,800	124,198,140
2024	0	0	0	15,667,018	114,423,557

#### PROJECTION OF BENEFIT PAYOUT

#### **COMBINED**

#### **DEFERRED VESTED BENEFITS**

<b>CALENDAR</b>	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	BENEFITS	LIABILITY	PAYOUT	LIABILITY
2005	132	1,325,982	13,873,207	658,533	13,873,207
2006	32	249,474	2,695,936	1,458,973	16,440,044
2007	27	197,608	1,881,667	1,692,510	18,158,174
2008	32	335,263	3,011,168	1,972,619	20,958,180
2009	42	324,230	2,641,849	2,344,685	23,339,717
2010	38	429,911	3,231,803	2,664,355	26,249,258
2011	44	374,978	2,627,677	3,130,396	28,488,155
2012	57	490,861	3,178,688	3,612,490	31,205,748
2013	61	496,729	2,938,723	4,104,784	33,603,140
2014	51	461,546	2,576,754	4,619,762	35,552,159
2015	58	471,380	2,363,731	5,066,437	37,197,812
2016	70	470,125	2,187,476	5,532,674	38,572,275
2017	55	368,704	1,611,826	5,983,582	39,273,179
2018	58	408,877	1,612,051	6,355,714	39,875,766
2019	47	329,154	1,270,697	6,746,112	40,035,842
2020	52	365,798	1,248,936	7,048,578	40,077,854
2021	53	325,143	1,023,612	7,365,258	39,797,707
2022	53	374,577	1,106,842	7,660,289	39,508,078
2023	43	293,180	803,102	7,939,911	38,827,574
2024	52	347,459	885,796	8,188,014	38,148,556

#### **TABLE VII-15**

#### PROJECTION OF BENEFIT PAYOUT

#### **COMBINED**

#### METRO TOTALS

CALENDAR	NUMBER	<b>EMERGING</b>	<b>EMERGING</b>	TOTAL	TOTAL
YEAR	RETIRING	<b>BENEFITS</b>	LIABILITY	<b>PAYOUT</b>	LIABILITY
2005	5,858	68,452,223	709,041,031	36,181,293	748,800,147
2006	32	249,474	2,695,936	72,304,395	736,040,452
2007	27	197,608	1,881,667	72,184,000	720,792,375
2008	32	335,263	3,011,168	71,951,804	705,050,236
2009	42	324,230	2,641,849	71,649,641	687,390,217
2010	38	429,911	3,231,803	71,130,124	668,848,133
2011	44	374,978	2,627,677	70,589,550	648,327,755
2012	57	490,861	3,178,688	69,896,231	627,094,134
2013	61	496,729	2,938,723	69,044,305	604,477,071
2014	51	461,546	2,576,754	68,047,857	580,489,341
2015	58	471,380	2,363,731	66,819,143	555,428,006
2016	70	470,125	2,187,476	65,451,033	529,487,093
2017	55	368,704	1,611,826	63,915,445	502,434,262
2018	58	408,877	1,612,051	62,157,628	475,021,173
2019	47	329,154	1,270,697	60,285,288	447,084,385
2020	52	365,798	1,248,936	58,204,801	419,131,110
2021	53	325,143	1,023,612	56,033,027	391,139,473
2022	53	374,577	1,106,842	53,750,660	363,600,856
2023	43	293,180	803,102	51,382,155	336,306,178
2024	52	347,459	885,796	48,931,320	309,810,920

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

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2005	0	6,031,179	6,031,179
2006	0	11,975,513	11,975,513
2007	0	11,881,198	11,881,198
2008	0	11,778,781	11,778,781
2009	0	11,668,072	11,668,072
2010	0	11,548,633	11,548,633
2011	0	11,419,688	11,419,688
2012	0	11,280,478	11,280,478
2013	0	11,130,251	11,130,251
2014	0	10,968,326	10,968,326
2015	0	10,793,993	10,793,993
2016	0	10,606,594	10,606,594
2017	0	10,405,557	10,405,557
2018	0	10,190,407	10,190,407
2019	0	9,960,769	9,960,769
2020	0	9,716,237	9,716,237
2021	0	9,456,490	9,456,490
2022	0	9,181,291	9,181,291
2023	0	8,890,536	8,890,536
2024	0	8,584,429	8,584,429

TABLE VIII-2
PROJECTION OF BENEFIT PAYOUT
METRO GENERAL GOVERNMENT

#### **CALENDAR**

CHEELIDIII			
YEAR	ACTIVE	RETIRED	TOTAL
2005	1,542,890	18,934,015	20,476,905
2006	4,956,608	37,568,183	42,524,791
2007	8,274,009	37,159,056	45,433,065
2008	12,517,997	36,640,088	49,158,085
2009	17,364,831	36,011,349	53,376,180
2010	22,149,111	35,273,662	57,422,773
2011	27,309,971	34,428,688	61,738,659
2012	32,760,046	33,479,008	66,239,054
2013	38,546,366	32,428,336	70,974,702
2014	44,872,766	31,281,655	76,154,421
2015	52,334,173	30,045,298	82,379,471
2016	59,461,328	28,726,835	88,188,163
2017	67,471,233	27,334,969	94,806,202
2018	75,739,121	25,879,526	101,618,647
2019	84,550,495	24,371,486	108,921,981
2020	92,973,467	22,822,891	115,796,358
2021	101,419,886	21,246,705	122,666,591
2022	110,378,955	19,656,640	130,035,595
2023	120,338,021	18,066,908	138,404,929
2024	129,383,425	16,491,859	145,875,284

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

### CALENDAR

CHELIDAIN			
YEAR	ACTIVE	RETIRED	TOTAL
2005	2,533,031	10,557,566	13,090,597
2006	5,857,053	21,301,726	27,158,779
2007	7,548,042	21,451,236	28,999,278
2008	9,304,341	21,560,316	30,864,657
2009	11,402,081	21,625,535	33,027,616
2010	13,747,212	21,643,474	35,390,686
2011	16,266,432	21,610,778	37,877,210
2012	19,364,193	21,524,255	40,888,448
2013	22,765,575	21,380,934	44,146,509
2014	26,681,930	21,178,114	47,860,044
2015	30,296,387	20,913,415	51,209,802
2016	33,859,192	20,584,930	54,444,122
2017	38,583,751	20,191,337	58,775,088
2018	43,526,791	19,731,981	63,258,772
2019	48,248,480	19,206,921	67,455,401
2020	53,789,832	18,617,095	72,406,927
2021	59,487,795	17,964,574	77,452,369
2022	65,783,004	17,252,440	83,035,444
2023	71,709,402	16,484,800	88,194,202
2024	77,469,366	15,667,018	93,136,384

**TABLE VIII-4** 

#### PROJECTION OF BENEFIT PAYOUT

#### METRO DEFERRED

$\boldsymbol{\alpha}$	A T		• • T
	$\Delta$	END	ДΚ

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2005	0	658,533	658,533
2006	0	1,458,973	1,458,973
2007	0	1,692,510	1,692,510
2008	0	1,972,619	1,972,619
2009	0	2,344,685	2,344,685
2010	0	2,664,355	2,664,355
2011	0	3,130,396	3,130,396
2012	0	3,612,490	3,612,490
2013	0	4,104,784	4,104,784
2014	0	4,619,762	4,619,762
2015	0	5,066,437	5,066,437
2016	0	5,532,674	5,532,674
2017	0	5,983,582	5,983,582
2018	0	6,355,714	6,355,714
2019	0	6,746,112	6,746,112
2020	0	7,048,578	7,048,578
2021	0	7,365,258	7,365,258
2022	0	7,660,289	7,660,289
2023	0	7,939,911	7,939,911
2024	0	8,188,014	8,188,014

TABLE VIII-5
PROJECTION OF BENEFIT PAYOUT
METRO TOTAL

CALENDAR			
YEAR	ACTIVE	RETIRED	TOTAL
2005	4,075,921	36,181,293	40,257,214
2006	10,813,661	72,304,395	83,118,056
2007	15,822,051	72,184,000	88,006,051
2008	21,822,338	71,951,804	93,774,142
2009	28,766,912	71,649,641	100,416,553
2010	35,896,323	71,130,124	107,026,447
2011	43,576,403	70,589,550	114,165,953
2012	52,124,239	69,896,231	122,020,470
2013	61,311,941	69,044,305	130,356,246
2014	71,554,696	68,047,857	139,602,553
2015	82,630,560	66,819,143	149,449,703
2016	93,320,520	65,451,033	158,771,553
2017	106,054,984	63,915,445	169,970,429
2018	119,265,912	62,157,628	181,423,540
2019	132,798,975	60,285,288	193,084,263
2020	146,763,299	58,204,801	204,968,100
2021	160,907,681	56,033,027	216,940,708
2022	176,161,959	53,750,660	229,912,619

192,047,423

206,852,791

51,382,155

48,931,320

243,429,578

255,784,111

2023

2024

TABLE IX
ESTABLISHMENT OF VALUATION ASSETS

**JULY 1, 2005** 

		Trust Fund A (Disability)	Trust Fund B (Gen Govt)	Trust Fund C (Fire & Police)	Total
1.	Market Value Assets on June 30, 2004	\$73,352,342	\$973,722,245	\$457,281,410	\$1,504,355,997
2.	Contributions				
	a. By employees	0	106,315	11,306	117,621
	b. By employer	18,525,128	26,579,606	13,789,701	58,894,435
	c. Other	0	0	0	0
3.	Investment income	6,617,737	79,613,753	37,593,565	123,825,055
4.	Disbursements to employees and beneficiaries	(12,537,295)	(45,917,369)	(20,372,443)	(78,827,107)
5.	Market Value Assets on June 30, 2005	85,957,912	1,034,104,550	488,303,539	1,608,366,001
6.	<b>Expected Income at 8%</b>	6,107,701	77,128,522	36,319,655	119,555,878
7.	Excess Income Base, Current Year, (3) - (6)	na	na	na	4,269,177
8.	Excess Income Base, Preceding Year	na	na	na	105,120,679
9.	Excess Income Base, Second Preceding Year	na	na	na	(36,444,151)
10.	Excess Income Base, Third Preceding Year	na	na	na	(229,147,253)
11.	<b>Excess Income Base, Fourth Preceding Year</b>	na	na	na	(294,431,835)
	Adjustment to Market Value Assets,				
12.	.8*(7) + .6*(8) + .4*(9) + .2*(10)	na	na	na	6,080,638
13.	Valuation Assets, June 30, 2005, (5) - (12)	\$85,632,937	\$1,030,194,983	\$486,457,444	\$1,602,285,363

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	\$215,783,949	\$1,288,705,010	\$822,420,539	\$2,326,909,498
2.	Past Service Liability (or assets if larger)	163,307,351	1,030,194,982	624,704,523	1,818,206,856
3.	Present Value of Future Employee Contributions	0	0	0	0
4.	Present Value of Employer Normal Costs ((1)-(2)-(3))	52,476,598	258,510,028	197,716,016	508,702,642
5.	Present Value of Future Salaries*	4,698,026,860	3,093,037,502	1,604,989,358	4,698,026,860
6.	Normal Cost Percentage ((4)/(5))	1.117%	8.358%	12.319%	10.667%
7.	Current Payroll*	474,531,741	331,736,732	142,795,009	474,531,741
8.	Normal Cost ((6) - (7))	5,300,483	27,725,908	17,590,684	50,617,074

<sup>\*</sup>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

		Trust Fund A (Disability)	Trust Fund B (Gen. Gov.)	Trust Fund C (Fire & Police)	Total	
<u>De</u>	velopment of Amortization Co	ontributions entributions entri				
1.	Present Value of Benefits	\$215,783,949	\$1,288,705,010	\$822,420,539	\$2,326,909,498	
2.	Present Value of Future Employee Contributions	0	0	0	0	
3.	Present Value of Future Normal Costs	52,476,598	258,510,028	197,716,016	508,702,642	
4.	Existing Assets	85,632,937	1,030,194,982	486,457,444	1,602,285,363	
5.	Unfunded Past Service Liability (1)-(2)-(3)-(4)	77,674,414	0	138,247,079	215,921,493	
6.	Amortization Contributions					
	<ul> <li>a. No amortization - int. only (.0741 x (5))</li> <li>b. 13-year amortization (.11715 x (5))</li> </ul>	5,753,660 9,099,558	0	10,240,524 16,195,645	15,994,185 25,295,203	
De	velopment of Total Costs	, ,		, ,	, ,	
7. 8.	Normal Cost Total Cost	\$5,300,483	\$27,725,908	\$17,590,684	\$50,617,074	
	<ul> <li>a. No amortization ((7)+(6a))x1.04 % of payroll</li> <li>b. 13-year amortization ((7)+(6b))x1.04 % of payroll</li> </ul>	11,496,309 2.423% 14,976,042 3.156%	28,834,944 8.692% 28,834,944 8.692%	28,944,456 20.270% 35,137,782 24.607%	69,275,709 14.599% 78,948,768 16.637%	

# **TABLE XIII**

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

		Ag	ge	
	20	35	50	60
Mortality Rates – Active Employees				
Male: 110% RP-2000 Employee Table	.38	.85	2.35	5.37
Female: 110% RP-2000 Employee Table	.21	.53	1.84	4.32
		Ag	æ	
	60	70	80	90
Mortality Rates – Inactive Employees				
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
		Ag	ge .	
Withdrawal Rates	20	35	50	60
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	
Salary Scale				
Declining Scale to age 65	1.074	1.064	1.053	1.046
Compensation Basis	Gross pay	for prior y	ear	

### **TABLE XIII (Continued)**

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

		Age	<u>e</u>	
Disability Rates		35	50	60
Division A:				
General Government				
Males: 150% of 1965 Railroad	0.00	6.00	10.95	37.20
Retirement				
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 Sec	curity disabi	ility benefi	ts	
Division B:				
General Government: 127% of Class 2 - 1985 I	Disability St	udy		
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 Disabil	lity Study (p	ore-55)		
Males:	2.25	6.45	17.20	
Females:	1.32	5.80	16.85	
50% of disabled members eligible for Social Sec	curity disabi	ility benefi	ts	
One-sixth of disabled members return to work, a	at 75% of pr	e-disabilit	y 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		
			Pe	ercent R	ating at A	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:

			Rate	s of Retire	ment					
	NRA-10	NRA-9	NRA-8	NRA-7	NRA-6	NRA-5	NRA-4			
General Government	2	2	2	2	5	5	8			
			Rate	s of Retire	ment					
	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.

				Percen	t Katıng	g 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	
Mortality Rates					
Male: 1994 Uninsured Pensioner Table	.55	.92	2.77	8.58	
Female: 1994 Uninsured Pensioner Table	.31	.51	1.54	4.77	
Withdrawal Rates					
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		
Salary Scale					
5% annual increase to age 65	1.05	1.05	1.05	1.05	
Compensation Basis	Gross pay	for prior y	ear		
Disability Rates					
Division A:					
General Government					
Males: 150% of 1965 Railroad	0.00	6.00	10.95	37.20	
Retirement					
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 S	Security disab	oility benef	ïts		

#### **TABLE XIV**

# SUMMARY OF ACTUARIAL ASSUMPTIONS ASSUMPTIONS PRIOR TO JUNE 30, 2002

(Sample Values per 1,000 Lives)

	Age						
Division B:	20	35	50	60			
General Government: 127% of Class 2 - 1985	Disability St	udy					
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 Disabi	ility Study (p	ore-55)					
Males:	2.25	6.45	17.20				
Females:	1.32	5.80	16.85				
50% of disabled members eligible for Social Se	ecurity disabi	ility benefi	ts				

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	36.20	20.90	28.70	45.20
Corporation				
Female: Pension Benefit Guaranty	26.30	21.40	25.70	33.10
Corporation				

#### 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
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								

#### **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:

			I	Rates of 1	Retireme	nt		
	NRA-5	NRA-4	NRA-3	NRA-2	NRA-1	NRA	NRA+	NRA+2
							1	
General Government	7	2	5	5	10	25	25	25
		Rates of Retirement						
	NRA+	NRA+	NRA+	NRA+	NRA+	NRA+	NRA+	NRA+10
	3	4	5	6	7	8	9	
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**

accepted actuarial principles and is bas reasonably related, in the aggregate, to	ed in this report has been performed utilizing generally sed on actuarial assumptions which we consider to be experience under the plan and to reasonable expectations. In a fairly disclose the actuarial position of the plan on the
 Date	S. Kevin Sullivan, F.S.A.
Date	Enrollment Number 02-6235