

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM New York City Public Employees' group life insurance plan

### THE NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

### AND

### NEW YORK CITY PUBLIC EMPLOYEES' GROUP LIFE INSURANCE PLAN

### **BROOKLYN, NEW YORK**

### A PENSION TRUST FUND OF THE CITY OF NEW YORK

### **COMPREHENSIVE ANNUAL FINANCIAL REPORT**

### FOR THE FISCAL YEAR ENDED JUNE 30, 2010

Prepared by:	The Finance Division of the New York City Employees' Retirement System
	Michael A. Goldson, Director, Finance
Executive Director:	Diane D'Alessandro
Actuary:	Robert C. North, Jr., Chief Actuary
Custodian of Funds:	John C. Liu*, Comptroller of the City of New York
	William C. Thompson, Jr., Comptroller of the City of New York
Headquarters Address:	335 Adams Street, Suite 2300 Brooklyn, N.Y. 11201-3724

\*Sworn in January 01, 2010

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### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM COMPREHENSIVE ANNUAL FINANCIAL REPORT FOR THE FISCAL YEAR ENDED JUNE 30, 2010

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# PART 1 INTRODUCTORY SECTION

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### **BOARD OF TRUSTEES**

Honorable Michael R. Bloomberg Mayor of the City of New York Chairperson

Honorable John C. Liu\* Comptroller of the City of New York

Honorable William C. Thompson Comptroller of the City of New York

Honorable Bill de Blasio\*\* Public Advocate

Honorable Betsy Gotbaum Public Advocate

Honorable Scott Stringer Borough President of Manhattan

Honorable Marty Markowitz Borough President of Brooklyn

Honorable Ruben Diaz, Jr. Borough President of The Bronx Honorable Helen Marshall Borough President of Queens

Honorable James P. Molinaro Borough President of Staten Island

**Ms. Lillian Roberts** Executive Director District Council 37, AFSCME

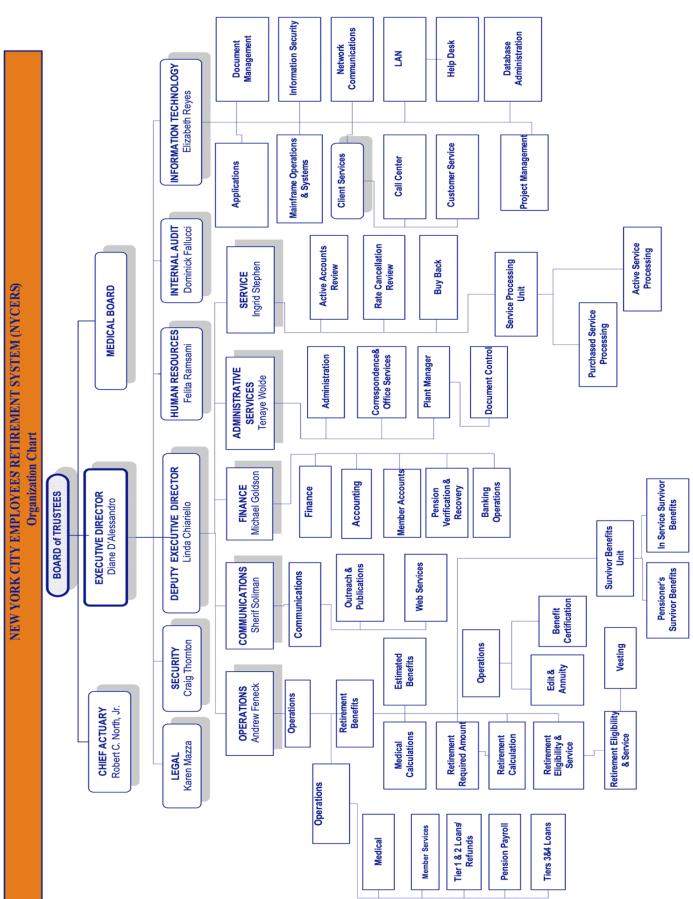
Mr. John Samuelsen\*\*\* President Transport Workers Union, Local 100

**Mr. Roger Toussaint** President Transport Workers Union, Local 100

**Mr. Gregory Floyd** President International Brotherhood of Teamsters, Local 237

**Diane D'Alessandro** NYCERS' Executive Director

\*Sworn in January 01, 2010 \*\*Sworn in January 01, 2010 \*\*\*Elected December 07, 2009



### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

Updated October 14, 2009

# Certificate of Achievement for Excellence in Financial Reporting

Presented to

New York City Employees' Retirement System & Group

# Life Insurance Plan, New York

For its Comprehensive Annual Financial Report for the Fiscal Year Ended June 30, 2009

A Certificate of Achievement for Excellence in Financial Reporting is presented by the Government Finance Officers Association of the United States and Canada to government units and public employee retirement systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.



President

**Executive** Director



# Public Pension Coordinating Council

# Public Pension Standards Award For Funding and Administration 2010

Presented to

## New York City Employees' Retirement System

In recognition of meeting professional standards for plan funding and administration as set forth in the Public Pension Standards.

Presented by the Public Pension Coordinating Council, a confederation of

National Association of State Retirement Administrators (NASRA) National Conference on Public Employee Retirement Systems (NCPERS) National Council on Teacher Retirement (NCTR)

alon Hulinkle

Alan H. Winkle Program Administrator



December 31, 2010

Board of Trustees New York City Employees' Retirement System 335 Adams Street Brooklyn, NY 11201-3724

We are pleased to submit the Comprehensive Annual Financial Report (CAFR) of the New York City Employees' Retirement System and the New York City Public Employees' Group Life Insurance Plan (Plan) for the fiscal year ended June 30, 2010. The CAFR consists of five sections:

- 1. The *Introductory Section* which contains this Letter of Transmittal, the Administrative Organization, the Certificate of Achievement for Excellence in Financial Reporting, the Public Pension Standards Award, the Summary of Plan Provisions, and legislation enacted during the fiscal year.
- 2. The *Financial Section* which contains the opinion of the independent certified public accountant, the Management Discussion and Analysis (MD&A), the financial statements of the Plan and other required supplementary financial information and tables. The MD&A provides an overview of the current year's financial activity with an analysis of the effects of any significant changes from the prior year.
- 3. The *Investment Section* which contains a report on investment policies and activity, investment results, and various investment schedules.
- 4. The *Actuarial Section* which contains the Plan's actuarial certification letter and various actuarial tables.
- 5. The *Statistical Section* which contains various statistical tables consisting of significant data pertaining to the Plan.

### ACCOUNTING SYSTEM AND REPORTS

This CAFR has been prepared in conformity with generally accepted accounting principles (GAAP) for governmental units, as set forth by the Governmental Accounting Standards Board (GASB), as well as the reporting requirements prescribed by the Government Finance Officers Association of the United States and Canada (GFOA). Preparation of the CAFR is the responsibility of the Plan's management. The accrual basis of accounting is used to record assets and liabilities, and revenue and expenses. Revenues for the system are taken into account when earned without regard to date of collection, and expenses are recorded when the corresponding liabilities are incurred, regardless of when payment is made. Investments are valued at fair value.

The management of the Plan is responsible for establishing and maintaining a system of internal accounting control. In fulfilling this responsibility, estimates and judgments made by management are required to assess the expected benefits and related costs of control procedures. The objectives of a system of internal accounting control are to provide management with reasonable, but not necessarily absolute, assurance that assets are safeguarded against loss from unauthorized use or disposition. It should also ensure that transactions are executed in accordance with management's authorization, and recorded properly to permit the preparation of financial statements in conformity with generally accepted accounting principles.

The internal accounting controls of the system are adequate to meet the above objectives. There have been no irregularities that would have a material effect on the financial statements. The supporting schedules and statistical tables also fairly reflect the status and operations of the system.

### AWARDS

The GFOA awarded a Certificate of Achievement for Excellence in Financial Reporting to NYCERS for its CAFR for the fiscal year ended June 30, 2009. In order to be awarded a Certificate of Achievement, a governmental unit must publish an easily readable and efficiently organized CAFR, the contents of which conform to program standards. Such financial reports must satisfy both generally accepted accounting principles and applicable legal requirements. The Plan has received this certificate for the last 24 years.

A Certificate of Achievement is valid for a period of one year only. We believe our CAFR for the fiscal year ended June 30, 2010 continues to conform to the Certificate of Achievement Program requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

The Public Pension Coordinating Council (PPCC) awarded a Public Pension Standards Award for Funding and Administration to NYCERS for 2010. This is the first year that NYCERS has applied for and received this prestigious award. In order to be awarded a Public Pension Standards Award, a public pension program must meet professional standards for plan design, administration, and funding, as set forth in the Public Pension Standards. The Public Pension Standards are intended to reflect minimum expectations for public retirement system management and administration, as well as serve as a benchmark by which all defined benefit public plans should be measured. A Public Pension Standards Award is valid for a period of one year.

### ADMINISTRATION

NYCERS was established by an act of the legislature of the State of New York under Chapter 427 of the laws of 1920. Chapter 427 created a retirement system in accordance with sound actuarial principles. The governing statutes are contained in the New York State Retirement and Social Security Law (RSSL), and the New York City Administrative Code. The head of the retirement system is the Board of Trustees. The system became operational on October 1, 1920 with 13,331 original members. As of June 30, 2008, the date of the Plan's most recent actuarial valuation, the Plan's membership included 183,654 members in active pay status, 130,664 retirees and beneficiaries receiving benefits, 8,774 terminated vested members who are not yet receiving benefits, and 24,265 members who are no longer on payroll, but not otherwise classified.

### MEMBERSHIP

Membership in NYCERS is available to all New York City employees who are not eligible to participate in the New York City Teachers' Retirement System, the New York City Police Pension Fund, the New York City Fire Department Pension Fund, or the New York City Board of Education Retirement System.

All persons holding permanent civil service positions in the competitive or labor class are required to become members of the system six months after their date of appointment, but may voluntarily elect to join the system prior to their mandated membership date. All other eligible employees have the option of joining the system upon appointment or at anytime thereafter.

All members who joined NYCERS prior to July 1, 1973 are Tier 1 members.

All members who joined NYCERS on or after July 1, 1973, but prior to July 27, 1976, and Investigator Members employed in any District Attorney Office who joined, or join, NYCERS after July 1, 1973, are Tier 2 members subject to Article 11 of the RSSL.

All members of the uniformed force of the NYC Department of Correction who joined, or join, NYCERS on or after July 27, 1976 are Tier 3 members subject to Article 14 of the RSSL.

All members who joined, or join, NYCERS on or after July 27, 1976, with the exception of members of the uniformed force of the Department of Correction and Investigator Members employed in a District Attorney Office, are Tier 4 members subject to Article 15 of the RSSL. Tier 4 members who joined NYCERS on or after July 27, 1976, but prior to September 1, 1983, retain all rights, benefits and privileges provided under Article 14 of the RSSL (Tier 3).

### **EMPLOYERS**

The Plan is a cost-sharing, multiple-employer public employee retirement system. In addition to the various departments of the City of New York, members of NYCERS are also employed by the New York City Transit Authority, the Triborough Bridge and Tunnel Authority, the New York City Housing Authority, the New York City Health and Hospitals Corporation, the New York City Off-Track Betting Corporation, the New York City Housing Development Corporation, the City University of New York, the New York City School Construction Authority, the New York City Municipal Water Finance Authority, and certain employees in departments of the State of New York which had formerly been New York City departments. A table listing these employers and the number of their respective participating employees may be found on page 154.

### **CONTRIBUTIONS**

The benefits of the system are financed by employer contributions, employee contributions, and from earnings on the invested funds of the system.

As of July 1, 1970, Tier 1 and Tier 2 Transit operating-force employees enrolled in the Transit 20-Year Plan are non-contributory. For all other Tier 1 and Tier 2 members, contributions are dependent upon the member's age and retirement plan elected. For Tier 3 and Tier 4 members, Basic Member Contributions are 3% of gross wages and cease upon the attainment of 10 years of Credited Service or the tenth anniversary of membership, whichever occurs first. Certain Tier 2, Tier 3 and Tier 4

members who are participants in special retirement plans are required to make Additional Member Contributions in addition to their Basic Member Contributions.

Employer contributions are determined annually by the Chief Actuary of the system.

### REVENUES

The funds needed to finance retirement benefits are accumulated through the collection of employer contributions, employee contributions, and through income on investments. Contributions and investment income for fiscal year 2010 equaled \$6,920,187,000. When compared to (\$4,499,591,000) in contributions and investment income realized in fiscal year 2009, fiscal year 2010 revenues increased by \$11,419,778,000. As discussed further in the Management Discussion and Analysis in the Financial Section, and in Investment Policy documents in the Investment Section, the substantial increase in revenue is the result of the positive investment performance results. The Table of Revenue by Source on page 169 shows figures for the last 10 years.

### EXPENSES

The primary expense of a retirement system relates to the purpose for which it was created, namely, to pay benefits to eligible retirees and beneficiaries. Consequently, recurring monthly retirement benefit payments, death benefit payments, and refunds of contributions to terminated members comprise the major expenses of the Plan. The Table of Benefit Expenses by Type on page 170 and the Table of Changes in Plan Net Assets on page 171 show the details of the different expenses over the last 10 years.

### FUNDING

The bottom line for a retirement system is the level of funding. The better the level of funding, the larger the ratio of assets accumulated, giving participants a higher degree of assurance that their pension benefits are secure. The advantage of a well-funded plan is that participants can look at the assets that are irrevocably committed to the payment of benefits. The goal is to fund members' future retirement benefits over their working career. As of June 30, 2008, the Plan's most recent actuarial valuation date, the Plan's funded ratio has increased from 99.9% to 100.0% as shown in the Schedule of Funding Progress on page 87. This ratio was determined by the Actuary using the Frozen Initial Liability Actuarial Cost Method, which is used to calculate employer contributions. The Actuary also provides a schedule showing the Plan's funded ratio of 79.7% based on the Entry Age Actuarial Cost Method which can be found in the Financial Section on page 91. Please refer to the Actuarial Section for details concerning the actuarial methods and assumptions used in determining the required funding.

### INVESTMENTS

The investment portfolio must be regarded as a major contributor to the system. The Administrative Code of the City of New York authorizes the investment of Plan assets subject to the terms, conditions, limitations and restrictions imposed by law for investments by savings banks. The New York State Retirement and Social Security Law (RSSL) establishes the criteria for permissible investments.

The Plan's Board of Trustees adopts investment policies. The Board creates the overall investment policy under which the Plan's funds are invested and, in defining the investment objectives, develops a framework under which specific objectives are established with regard to allocating the assets of the

Plan among various investment types. The current policy target mix consists of 41% in Domestic Equities, 18% in an International Equity fund, 30% in Domestic Fixed Income, and 11% in Alternative Investments.

As mentioned in the Revenues section of this letter, during fiscal year 2010 the Plan experienced appreciation in the value of the investment portfolio. For the one-year period ended June 30, 2010, the Plan's rate of return on investments was 14.09%. Further details concerning the criteria for the Plan's investments, policies, investment performance and other investment tables may be found in the Investment Section. Although this CAFR does not list the thousands of investments which the Plan holds, such information is available upon request. The tables on pages 116 and 117 list the Plan's major domestic equity and long-term bond holdings.

### **ECONOMIC CONDITIONS**

The City's economy continued to contract, particularly during the early part of fiscal year 2010. The contraction rate for fiscal year 2010 was 1.2%, which was less than the 2.1% contraction rate experienced during fiscal year 2009. With interest rates at historically low levels, the housing market improved, but not as much as might have been expected based on past experience. The main reason for the slight improvement was due to the fiscal and monetary policies enacted by Congress and the Federal Reserve. The enactment of these policies, however, is not likely to create long-term systemic changes. U.S. Gross Domestic Product which had declined by 2.8% in fiscal year 2009, increased by 0.7% for fiscal year 2010. The first two quarters of fiscal year 2010 saw a strong growth rate of 5%, but it tapered off to only 1.6% in the last quarter.

The City unemployment rate rose steadily from 4.6% in March 2008 to 10.5% in December 2009, but dropped down slightly to 9.4% by August 2010. Since January 2010, the City has regained 70,000 of the 182,000 jobs that were lost during the recession. Many of those positions are temporary, as defined by the employer, or held by employees who have taken positions lower than their skill levels. Without regaining more jobs than had been lost, there is little room to absorb all of the new entrants that would normally be entering the workforce, e.g., new residents or those who have attained working age. Despite increased profits in some sectors of the economy, employers have been slow to renew hiring to any great extent. This instability in the job market led to decreased consumer spending which, in turn, dampened the prospects of a full economic recovery. Moreover, the tightening of the credit markets, with respect to both consumer and businesses, has also led to a tepid recovery.

The market values of NYCERS' assets, particularly those of equities, had been adversely impacted by the market conditions during fiscal years 2008 and 2009. While the results of fiscal year 2010 have been favorable, the Plan only recouped about 30% of the losses of the prior two fiscal years. Despite this, the Plan continues to have sufficient liquidity, in terms of both current income and liquid assets to continue paying benefits through the foreseeable future.

### **PROFESSIONAL SERVICES**

The opinion of the independent certified public accounting firm on the Plan's financial statements is included in this CAFR. The Comptroller of the City of New York is the Custodian of the Plan's assets, and provides investment services through independent advisors and consultants, who are listed in the Financial Section's Schedule of Fees paid to Investment Advisors and Consultants. Other consultant services are shown in the Financial Section's Schedule of Payments to Consultants. Actuarial services are provided to the Plan by the Chief Actuary employed by the Board of Trustees. The City's Corporation Counsel provides legal services to the Plan.

### ACKNOWLEDGMENTS

The compilation of this CAFR reflects the combined effort of NYCERS' staff, under the leadership of the Board of Trustees. It is intended to provide complete and reliable information as a basis for making management decisions, as a means of determining compliance with legal provisions, and as a means for determining responsible stewardship for the assets contributed by the members and their employers.

On behalf of the Board of Trustees, I would like to take this opportunity to express my gratitude to the staff, the advisors, and to the many people who have worked diligently to ensure the continued successful operation of the system.

Respectfully submitted,

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Diane D'Alessandro Executive Director

Muchal Adds

Michael A. Goldson Director, Finance

### **SUMMARY OF PLAN PROVISIONS**

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### **GLOSSARY OF TERMS**

### Accumulated Deductions

The total of all contributions made by members, **plus** interest earned on such contributions (8.25% for Tiers 1 and 2; 5% for Tiers 3 and 4), compounded annually.

### Active Service

Service rendered while the employee is on the payroll and being paid by the City of New York or a *Participating Employer*.

### Additional Member Contributions (AMCs)

Contributions that are made by members, in addition to the basic member contributions, that are required to be paid each payroll period by *Participants* in any one of the *Special Programs* described in this document. The AMC percentages differ in each *Special Program* and all *AMC's* are maintained in the Retirement Reserve Fund.

### Allowable Correction Service

Service as a member rendered in the uniformed-force of the New York City (NYC) Department of Correction or any of the following:

- Another uniformed-force (such as NYC Housing Police, NYC Transit Police or NYC Department of Sanitation) immediately prior to becoming a member of the uniformed-force of the NYC Department of Correction
- The uniformed-force of the NYC Police or Fire Departments immediately prior to becoming a member of the uniformed-force of the NYC Department of Correction, if service was transferred to NYCERS pursuant to Section 43 of the RSSL

### Allowable Sanitation Service

Service rendered in any of the following:

- Uniformed-force of the NYC Department of Sanitation
- Another uniformed-force (such as NYC Housing Police, NYC Transit Police or NYC Department of Correction) immediately prior to becoming a member of the uniformedforce of the NYC Department of Sanitation
- The uniformed-force of the NYC Police or Fire Departments immediately prior to becoming a member of the uniformed-force of the NYC Department of Sanitation, if service was transferred to NYCERS pursuant to Section 43 of the RSSL

### Allowable Service as a Dispatcher Member

 Service rendered by a member of NYCERS while employed by the City of New York as a Fire Alarm Dispatcher, Supervising Fire Alarm Dispatcher, levels 1 and 2, Director of Dispatch Operations or Deputy Director of Dispatch Operations, <u>and</u>

All service in the following NYC Civil Service titles:

 Chief Fire Alarm Dispatcher, Administrative Fire Alarm Dispatcher, Bus Operator (Transit), Train Dispatcher (Transit), Firefighter, Police Officer, Correction Officer, Fire Marshal, Probation Officer, Police Communications Technician, Supervising Police Communications Technician, Principal Police Communications Technician, Police Administrative Aide, Senior Police Administrative Aide, Emergency Medical Technician, Advanced Emergency Medical Technician, Emergency Medical Service Specialist, levels 1 and 2, Fire Prevention Inspector, Fire Protection Inspector, Senior Fire Prevention Inspector, Principal Fire Prevention Inspector, Associate Fire Protection Inspector, County Detective, Detective (NYPD), Detective Investigator, Senior Detective Investigator, Deputy Sheriff, Senior Deputy Sheriff, Inspector of Fire Alarm Boxes, Radio Operator, Radio Repair Technician, Supervisor of Radio Repair Operations, Taxi and Limousine Inspector, Senior Taxi and Limousine Inspector, MTA Bridge and Tunnel Officer, <u>and</u> A member of NYCERS who is employed by the City of New York in a title whose duties require the supervision of employees whose Civil Service title is included above.

### Allowable Service as an EMT Member

- all service rendered by a member of NYCERS while employed by the City of New York or the NYC Health & Hospitals Corporation in a title whose duties are those of an Emergency Medical Technician (EMT), or Advanced EMT (AEMT) or in a title whose duties require the supervision of employees whose duties are those of an EMT or AEMT, <u>and</u>
- all service while employed by the City of New York or the New York City Health & Hospitals Corporation in the title Motor Vehicle Operator.

### Allowable Service as a Special Officer

Service rendered in the following titles whose duties are those of a peace officer under the NYS Criminal Procedure Law: Special Officer (employed by a city agency, the NYC Health and Hospitals Corporation, or the NYC Housing Authority), Urban Park Ranger (employed by the NYC Parks Department), Parking Control Specialist (employed by the NYC Department of Transportation), School Safety Agent (employed by the NYC Department of Education), Campus Peace Officer (employed by the City University of New York) and Taxi and Limousine Inspector (employed by the NYC Taxi and Limousine Commission).

### Allowable Service in the Transit Authority

Membership Service (not purchased service) while employed by the New York City Transit Authority in a Career and Salary title or Transit Operating Force title.

### Annuity

Payments made to Tiers 1 and 2 retirees derived from their Accumulated Deductions

### Average Compensation (Tier 1 and 2 only)

The average of compensation earned from the completion of 20 years of Allowable Correction Service to the date of retirement (also applies to Tier 2 DA Investigators and Accidental Disability Benefits for Tier 1 and Tier 2 Uniformed Sanitation Members with more than 20 years of Allowable Service).

### Basic Tier 4 Plan (62/5 Plan)

Benefits available to Tier 4 members, excluding the benefits that are available only to *Participants* in one of the *Special Programs* described in this document. A *Participant* in one of the *Special Programs* who does not meet all of the qualifications for a benefit in his or her *Special Program* may still qualify for a benefit under the *Basic Tier 4 Plan. Participants* in *Special Programs* are still always eligible for other Basic Tier 4 benefits that are not provided for in their Program such as Survivor Benefits, Disability Retirement Benefits, etc.

### **Career Pension Plan Position**

Any position in City service other than a Transit operating-force position, a position in the uniformed-force of the NYC Department of Sanitation, or the uniformed-force of the NYC Department of Correction.

### **Career Pension Plan Qualifying Service**

Includes:

- Membership Service rendered in a Career Pension Plan Position
- Transferred Service from another New York State public employee retirement system
- 20-Year plan, uniformed-force and Transit operating-force service rendered on or after July 1, 1973 while a member of NYCERS

### **Correction Officer**

A member of the uniformed force of the NYC Department of Corrections in one of these covered titles: Officer below the rank of Captain; Correction Captain; Asst. Deputy Warden (Warden Correction Level I); Deputy Warden; Deputy Warden-in-Command (Warden Correction Level II); Warden; Deputy Chief (Warden Correction Level III); Chief of Department (Warden Correction).

### **Credited Service**

Includes:

- Service rendered while a member of NYCERS, and
- Service rendered while a member of another retirement system within New York City or New York State and transferred to NYCERS, and
- Service purchased under applicable laws and rules for buy-back, which can include:
- Membership Reinstatement Service
- Military Service
- Union Leave Service

### **Designated Beneficiary**

Any person designated by a member, by filing a properly completed form with NYCERS, to receive a survivor benefit upon the death of the member in *Active Service*.

### **Eligible Beneficiary**

A person who is eligible to be paid an Accidental Death Benefit, in the following order of priority:

- a surviving spouse who has not remarried (A surviving spouse of a Tier 1 or Tier 2 uniformed worker of the NYC Department of Sanitation may subsequently remarry and still retain the Accidental Death Benefit.)
- dependent child up to age 18 for Tiers 1 and 2 members
- dependent child up to age 25 for Tiers 3 and 4 members
- dependent parents, or
- for Tiers 3 and 4 members only, any person up to age 21 who qualified as a dependent on the member's final Federal income tax return.
- Anyone you name as your beneficiary for your Ordinary Death Benefit

An *Eligible Beneficiary* must make application for an Accidental Death Benefit and NYCERS' Medical Board and Board of Trustees must approve the application.

In the event that a class of Eligible Beneficiaries consists of more than one person (for example, two or more children under the age of 25), benefits will be divided equally among such persons.

### Final Average Salary (FAS)

The greater of the average annual *Wages* earned during any three consecutive calendar year periods, or the final 36 months immediately preceding the member's retirement date.

**But**, if the salary earned during any year included in the calculation of the member's *FAS* exceeds the specific limits for Tier 2, Tier 3 or Tier 4 members, the amount in excess of such limits is excluded from the computation.

### **Final Compensation**

The average compensation earned during:

- the five-year period immediately preceding the member's retirement date, or
- any consecutive five calendar-year period prior to the member's retirement date that would provide him or her with the greatest average compensation.

Where the period used to determine *Final Compensation* is the period which immediately precedes the date of retirement, any month or months (not in excess of 12) during which the member was on authorized leave of absence at partial pay or without pay are excluded and an equal number of months immediately preceding the five-year period shall be substituted in lieu thereof to provide *Credited Service* totaling five **calendar** years.

### Final Salary (Tier 1 Members)

For members of the uniformed forces of the departments of Sanitation and Correction who joined the retirement system prior to July 1, 1973:

• the annual rate of salary earnable on the day before the date of retirement.

### For all others:

- the salary earnable in the year ending on the day before the date of retirement or alternatively, the average annual compensation during any three calendar years designated by the member, if in a Career Pension Plan Position.
- Tier 1 members with a membership date after 6/17/71 may be subject to certain limits if their Final Salary exceeds that of the prior year by more than 20%.

### Increased-Take-Home-Pay (ITHP)

Contributions for Tier 1 and Tier 2 members that are contributed by their employer equal to 2% of the members' gross salaries; 2.5% for Correction Officers.

### Member Contribution Accumulation Fund (MCAF)

An account maintained for each Tier 3 and Tier 4 member into which the "basic" contributions of 3% of *Wages* deducted from the member's paycheck each payroll period are deposited, **plus** interest earned on such contributions at the rate of 5%, compounded annually.

### Membership Service

Service rendered after joining NYCERS - includes all service while on the payroll of the City of New York or a *Participating Employer* and *Military Service*.

### Minimum Accumulation

The amount of normal contributions accumulated with interest to the earliest date for service retirement, less the amount of the reserve for *Increased-Take-Home-Pay* on such date. For a member in the *Career Pension Plan*, the amount of normal contributions is accumulated to the date on which he or she either completed or could have completed 25 years of *Career Pension Plan Qualifying Service*.

### **Participant**

Any member of NYCERS who elects or is required to participate in one of the *Special Programs* described in this document.

# ▶ FOR THE 25-YEAR EARLY RETIREMENT PLAN (55/25 PLAN) AND THE AGE-57 RETIREMENT PLAN (57/5 PLAN):

An *Eligible Position* is **ANY** position in City service **EXCEPT**:

- Any position held by a *Transit Authority Member* eligible to participate in the 25-Year and Age-55 Retirement Program (whether or not such a Member is a *Participant* in that Program\*)
- Any position in the uniformed forces of the NYC departments of Correction and Sanitation
- The positions of Bridge & Tunnel Officer, Bridge and Tunnel Sergeant, Bridge and Tunnel Lieutenant, Assistant Bridge and Tunnel Maintainer, Bridge and Tunnel Maintainer, Senior Bridge and Tunnel Maintainer, and Laborer with the MTA Bridges and Tunnels Division (formerly TBTA).
- Any positions in the Division of Housing and Urban Renewal
- Any position in the Unified Court System
- Any teaching position with the City University of New York (CUNY)
- Investigators employed in District Attorneys' offices

\*The exception is any Transit Authority Member who was enrolled in the 57/5 Plan prior to enactment of Chapter 10 of the laws of 2000, and thereafter elected to remain a *Participant* in that Plan.

### **•** FOR THE DISPATCHER 25-YEAR PLAN:

A position while employed by the City of New York as a Dispatcher Member as a Fire Alarm Dispatcher, Supervising Fire Alarm Dispatcher, levels 1 and 2, Director of Dispatch Operations or Deputy Director of Dispatch Operations.

### **FOR THE EMT 25-YEAR PLAN:**

A position while employed by the City of New York or the New York City Health and Hospitals Corporation as an EMT Member in a title whose duties are those of an Emergency Medical Technician (EMT), or Advanced Emergency Medical Technician (AEMT), or in a title whose duties require the supervision of employees whose duties are those of an EMT or AEMT.

### ► FOR THE MTA BRIDGES & TUNNELS 50/20 PLAN: (formerly TBTA)

A position as a Bridge & Tunnel Officer, Sergeant or Lieutenant in a non-managerial position.

### ► FOR THE SANITATION 20-YEAR PLAN:

A position in the uniformed-force of the NYC Department of Sanitation.

### ► FOR THE TRANSIT 25/55 PLAN:

A member employed in the NYC Transit Authority Operating-Force and some managers.

### **FOR THE POLICE COMMUNICATIONS (911) OPERATOR 25-YEAR PLAN:**

Employed by the NYC Police Department in the title of Police Communications Technician, Supervising Police Communications Technician, or Principal Police Communications Technician.

### **FOR THE SPECIAL OFFICER 25-YEAR PLAN:**

The Special Officer 25-Year Program is available **ONLY** to peace officers employed as Special Officers by a mayoral agency of the City of New York, the NYC Health and Hospitals Corporation or the NYC Housing Authority (NYCHA); Parking Control Specialists employed by the NYC Department of Transportation; School Safety Agents employed by the NYC Police Department or NYC Board of Education; Campus Peace Officers employed by the City University of New York, Taxi & Limousine Inspectors employed by the NYC Taxi & Limousine Commission, Urban Park Ranger or Associate Urban Park Ranger.

### **FOR THE AUTOMOTIVE SERVICE WORKER PLAN:**

The Automotive Service Worker Plan is available to those employed by the City of New York as a Senior Automotive Service Worker, Automotive Service Worker, Auto Body Worker, Auto Mechanic, Marine Maintenance Mechanic or Oil Burner Specialist, Supervisor of Mechanics, Senior Stationary Engineer, Stationary Engineer, Auto Mechanic (diesel), Auto Electrician, Auto Machinist, Machinist, or Machinist Helper.

### **FOR THE DEPUTY SHERIFF 25-YEAR PLAN:**

A position employed by the City of New York as a Deputy Sheriff level one, Deputy Sheriff level two, Supervising Deputy Sheriff or Administrative Sheriff.

### **Participating Employer**

In addition to the City of New York, members of NYCERS are also employed by the following Participating Employers:

- > NYC Transit Authority
- MTA Bridges & Tunnels (formerly TBTA)
- NYC Housing Authority
- > NYC Health & Hospitals Corporation
- NYC Off-Track Betting Corporation
- NYC Housing Development Corporation
- City University of New York
- NYC School Construction Authority
- Municipal Water Finance Authority
- Departments of the State of New York which had formerly been departments of the City of New York, where members of NYCERS are still employed

### **Physically-Taxing Position**

A position in City service included on the Official List of *Physically-Taxing Positions* promulgated and maintained by the NYC Office of Labor Relations.

Members in *Physically-Taxing Positions* who are *Participants* in the Age-55-Improved-Benefit-Retirement Plan, the 25-Year Early Retirement Plan or the Age-57 Retirement Plan are required to pay a higher percentage of *Wages* as *Additional Member Contributions*, and are eligible for retirement as early as age 50, if they have 25 or more years of service in *Physically-Taxing Positions*.

### Primary Social Security Benefit

The benefit payable to a covered employee at age 62 or later, under the Federal Social Security Program, exclusive of any family benefits, calculated as provided in Section 511(c) of Article 14 of the Retirement and Social Security Law.

### Reserve for Increased-Take-Home-Pay (ITHP)

For some Tier 1 and Tier 2 members, an amount which at the time of death or retirement is equal to the accumulation of the contributions for *ITHP*, **plus** interest earned thereon.

### CAREER PENSION PLAN (PLAN A)

### SERVICE RETIREMENT

- Participants may retire: at age 55 with 25 or more years of Career Pension Plan (CPP) Qualifying Service; at age 50 with 25 or more years of physically-taxing service; with 20 or more years of CPP service, but benefits payable when member would have completed 25 years of service or reached age 55 (age 50 for physically-taxing)
- The Service Retirement Benefit is:
  - For the first 25 years of CPP Qualifying Service: 2.20% of Final Salary; less Required Amount; plus Accumulated Deductions; plus
  - ▶ For all years other than the first 25 years of CPP Qualifying Service: 1.20% of Final Salary (years prior to 07/01/68); plus 1.70% of Final Salary (years after 06/30/68); plus
  - ▶ A Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity for Excess Contributions

#### **VESTED RETIREMENT**

Must withdraw from Plan A and switch to Plan B (See Plan B)

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: 1.53% x Final Salary for each year after June 30, 1968; 1.20% x Final Salary for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

#### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary; 20 or more years - 24 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Gamble: The greater of the Ordinary Death Benefit or Pension Reserve
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### FIFTY-FIVE YEAR INCREASED SERVICE FRACTION PLAN (PLAN B)

### SERVICE RETIREMENT

- Participants may retire at age 55 with benefits payable immediately
- The Service Retirement Benefit is:
  - For each year of Credited Service prior to July 1, 1968: 1.20% of Final Salary; plus
  - ▹ For each year of Credited Service after June 30, 1968: 1.53% of Final Salary; plus
  - ▶ a Pension for Increased-Take-Home-Pay (ITHP); plus
  - Annuity of Accumulated Deductions

#### VESTED RETIREMENT

- ▶ Eligible with at least five years of service; benefit payable at age 55
- Vested Retirement Benefit is calculated the same as the Service Retirement Benefit

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: 1.53% x Final Salary for each year after June 30, 1968; 1.20% x Final Salary for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; If eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

#### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Gamble: The greater of the Ordinary Death Benefit or Pension Reserve
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service

 Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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### TRANSIT 20-YEAR RETIREMENT PLAN (T-20) TRANSIT 20-YEAR NON-CONTRIBUTORY RETIREMENT PLAN (20N/C)

### SERVICE RETIREMENT BENEFIT

- Participants may retire at age 50 with 20 or more years of Transit Operating Service (TOS)
- The Service Retirement Benefit is:
  - ▶ First 20 years of TOS: 50% of Final Salary, plus
  - ▶ Each year of TOS above 20: 1.5% x Final Compensation x TOS rendered on or after 07/01/68, plus
  - Each year of other service: 1% x Final Compensation x years of other service, plus
  - > Pension for Increased-Take-Home-Pay (ITHP), plus
  - Pension for members prior to 07/01/70 who elected to make voluntary contributions.

### VESTED RETIREMENT BENEFIT

 $\blacktriangleright$  If 55 with less than 20 years of TOS, may switch to the Age 55 1/100 Plan and retire with immediate payability

### DISABILITY RETIREMENT BENEFIT

- Ordinary: Must have ten or more years of Credited Service
- Accidental: No minimum service but disability resulted from an on-the-job accident
  - Ordinary: Less than age 50: 2.5% x Final Compensation x TOS up to 20; plus 1.5% x Final Compensation x TOS above 20 rendered on or after 07/01/68; plus 1% x Final Compensation x all other service. If 20 or more years of TOS and age 50, benefit equals Service Retirement Benefit
  - Accidental: Pension of 75% of Final Compensation; plus a pension based on the ITHP; plus an annuity based on any Accumulated Deductions; less 100% of Workers' Compensation payments
- ➤ Members may file for benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service: six months of Earnable Salary; 10 or more years: 12 months of Earnable Salary
- Accidental: Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Gamble: The greater of the Ordinary Death Benefit or the Pension Reserve.
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### SANITATION 20-YEAR RETIREMENT PLAN (S-20)

### SERVICE RETIREMENT

- Participants may retire with 20 or more years of Allowable Sanitation Service
- The Service Retirement Benefit is:
  - ▹ For the first 20 years of Allowable Service: 50% of Final Salary, less Required Amount, plus Accumulated Deductions
  - ▶ For each year of service (other than the first 20) prior to July 3, 1965: 1% of Final Compensation; plus
  - $\blacktriangleright$  For each year of service (other than the first 20) after July 2, 1965: 11/2% of Final Compensation, plus
  - ▶ a Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity for Excess Contributions

### VESTED RETIREMENT

- Must have five or more years of Allowable Sanitation Service, but less than 20; payable the date the member would have reached 20 years if he/she had not discontinued service
- ▶ For each year of Allowable Service: 2 1⁄2% of Final Salary; plus
- ▶ For years other than Allowable Service: 1% of Final Compensation

### DISABILITY RETIREMENT

- Ordinary must have five or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: If 10 or more years of Allowable Service 50% of Final Salary; If less than 10 years – 1/3 of Final Salary; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Salary; plus ITHP; plus Accumulated Deductions; plus if more than 20 years of Allowable Service, 1% x Average Compensation x years in excess of 20; plus ½% x Average Compensation x years in excess of 20 rendered on or after July 1, 1967
- ► Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- ► Members may file for benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP
   Death Gamble: The greater of the Ordinary Death Benefit or Pension Reserve
  - Heart Presumption: Death due to heart ailment presumed accidental; accidental death benefit payable
    - Death Benefit for Vested Members (See Plan B)
       Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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### SANITATION 25-YEAR PLAN (S-25)

### SERVICE RETIREMENT

- ➤ Participants may retire with 25 or more years of Allowable Sanitation Service
- The Service Retirement Benefit is:
  - ▹ For the first 25 years of Allowable Service: 50% of Final Salary, less Required Amount plus Accumulated Deductions
  - For each year of service (other than the first 20) prior to July 3, 1965: 1% of Final Compensation; plus
  - $\blacktriangleright$  For each year of service (other than the first 20) after July 2, 1965: 1½% of Final Compensation; plus
  - ▶ a Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity for Excess Contributions

### VESTED RETIREMENT BENEFIT

- Must have five or more years of Allowable Sanitation Service, but less than 25; benefit payable when member would have reached 25 years if he/she had not discontinued service
- ▹ For each year of Allowable Service: 1% x Final Compensation; plus
- ▹ For each year of Allowable Sanitation Service rendered after July 2, 1965: .5% x Final Compensation

#### DISABILITY RETIREMENT

- Ordinary must have five or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: If 10 or more years of Allowable Service 50% of Final Salary; If less than 10 years - 1/3 of Final Salary; If eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Salary; plus ITHP; plus Accumulated Deductions
- ➤ Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- ➤ Members may file for benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- ➤ An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP
- ▶ Death Gamble: The greater of the Ordinary Death Benefit or Pension Reserve
- Heart Presumption: Death due to heart ailment presumed accidental; accidental death benefit payable
- Death Benefit for Vested Members (See Plan B)
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### AGE 55 ONE-PERCENT RETIREMENT PLAN (1/100)

### SERVICE RETIREMENT

- Participants may retire at age 55 irrespective of the amount of Credited Service attained by such age
- The Service Retirement Benefit is:
  - ▶ For each year of Credited Service: 1% of Final Compensation; plus
  - A Pension for Increased-Take-Home-Pay (ITHP); plus
  - An Annuity for Accumulated Member Contributions

### VESTED RETIREMENT

There is no provision for vesting

### DISABILITY RETIREMENT

- If your application is approved, you will be entitled to an ordinary disability retirement benefit calculated as follows:
  - If you have attained the age of 55, your ordinary disability retirement benefit will equal your service retirement benefit
  - If you have not attained the age of 55, your ordinary disability retirement benefit will be 2 x 1/100 for each year of service you would have completed upon reaching age 55 for eligibility for service retirement x Final Compensation, up to 25% of Final Compensation; or, if greater
  - 2 x 1/100 for each year of actual service you have completed to date x Final Compensation
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Gamble: The greater of the Ordinary Death Benefit or Pension Reserve
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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### DISPATCHERS 25-YEAR RETIREMENT PLAN (D-25)

#### SERVICE RETIREMENT

- Participants may retire after 25 years of Allowable Service as a Dispatcher Member
- The Service Retirement Benefit is:
  - For the first 25 years of Allowable Service: An Annuity (the actuarial equivalent of the member's required contributions), plus a Pension for Increased-Take-Home-Pay (ITHP), plus a Pension, which when added to the Annuity and Pension for ITHP equals 55% of Final Salary; plus
  - ▹ For each year beyond the first 25 years of Allowable Service: 1.70% of Final Salary; plus
  - ▶ A Pension for excess ITHP and an Annuity for Excess Contributions

### **VESTED RETIREMENT**

- Must have five or more years of Allowable Service as a Dispatcher Member, but less than 25
- ➤ Payability Date: The date the member would have reached 25 years if he/she had not discontinued service
- ▹ Vested Benefit: For each year of Allowable Service as a Dispatcher Member: 2.2% of Final Salary

#### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: 1.53% x Final Salary for each year after June 30, 1968; 1.20% x Final Salary for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

#### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Gamble: The greater of the Ordinary Death Benefit or Pension Reserve
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### EMERGENCY MEDICAL TECHNICIAN (EMT) 25-YEAR RETIREMENT PLAN (E-25)

### SERVICE RETIREMENT

- May retire after 25 years of Allowable Service as an EMT Member
- The Service Retirement Benefit is:
  - ▹ For the first 25 years of Allowable Service: An Annuity (the actuarial equivalent of the member's required contributions), plus a Pension for Increased-Take-Home-Pay (ITHP), plus a Pension, which when added to the Annuity and Pension for ITHP equals 55% of Final Salary; plus
  - ▶ For each year beyond the first 25 years of Allowable Service: 1.7% of Final Salary; plus
  - ► A Pension for excess ITHP and an Annuity for Excess Contributions

### VESTED RETIREMENT

- ➤ Need five or more years of Allowable Service, but less than 25; payable when member would have reached 25 years
- ▶ For each year of Allowable Service: 2.2% of Final Salary

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental - no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: 1.53% x Final Salary for each year after June 30, 1968; 1.20% x Final Salary for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit=Service Retirement Benefit
  - ▹ Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation
- Heart Presumption: Heart ailments resulting in disability presumed line-of-duty; accidental benefit payable
- HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed line-of-duty; accidental benefit payable
- ➤ Members may file for benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- ➤ A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Gamble: The greater of the Ordinary Death Benefit or
   Pension Reserve

 Heart Presumption: Death due to heart ailment presumed line-of-duty; accidental benefit payable

 Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **SPECIAL OFFICER 25-YEAR RETIREMENT PLAN (SPO)**

#### SERVICE RETIREMENT

- > Participants may retire after 25 years of Allowable Service as a **Special Officer Member**
- The Service Retirement Benefit is:
  - ▶ For the first 25 years of Allowable Service: An Annuity (the actuarial equivalent of the member's required contributions). plus a Pension for Increased-Take-Home-Pay (ITHP), plus a Pension, which when added to the Annuity and Pension for ITHP equals 55% of Final Salary; plus
  - ▶ For each year beyond the first 25 years of Allowable Service: 1.70% of Final Salary; plus
  - A Pension for excess ITHP and an Annuity for Excess Contributions

#### VESTED RETIREMENT

- Must have five or more years of Allowable Service as a Special Officer Member, but less than 25
- > Payability Date: The date the member would have reached 25 years if he/she had not discontinued service
- ▶ Vested Benefit: For each year of Allowable Service: 2.2% of Final Salary

#### DISABILITY RETIREMENT

- > Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - ▶ Ordinary: 1.53% x Final Salary for each year after June 30, 1968; 1.20% x Final Salary for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

#### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- A Presumptive Death Benefit (Death Gamble): If eligible for Service Retirement at time of death, payable to a Designated Beneficiary(ies)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Gamble: The greater of the Ordinary Death Benefit or Pension Reserve
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### 20-YEAR PLAN FOR CORRECTION OFFICERS (P-20)

### SERVICE RETIREMENT

- > Participants may retire with 20 or more years of Allowable Correction Service (ACS) regardless of age
- The Service Retirement Benefit is:
  - First 20 years of ACS: 50% of Final Salary, plus
  - ▶ For years other than the first 20 years of ACS: 1.67% of the Average Compensation, plus
  - ▶ a Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity for Excess Contributions, plus
  - > 75% x 1.67% x Final Compensation x Credited Service on or after 09/30/51
  - ▶ 55% x 1.67% x Final Compensation x Credited Service prior to 10/1/51

#### VESTED RETIREMENT

- Need at least five years but less than 20 years of ACS; payable when member would have reached 20 years of ACS
- The Vested Retirement Benefit is:
  - ▶ 2.5% x Final Salary x Years of ACS up to 20 years, plus
  - ▶ 75% x 1.67% x Final Compensation x Credited Service on or after 09/30/51, plus
  - ▶ 55% x 1.67% x Final Compensation x Credited Service prior to 10/1/51

#### DISABILITY RETIREMENT

- ▶ Ordinary: If less than 10 years of ACS 1/3 of Final Salary; more than 10, but less than 20 - 50% of Final Salary; more than 20 -2.5% x Final Salary x Credited Service
- Accidental: 75% of Final Salary; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed accidental; accidental benefit payable
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

#### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary: lump sum of ITHP; plus lump sum of Accumulated Deductions; plus if less than 10 years of service - six months of Earnable Salary; 10 or more years - 12 months of Earnable Salary
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Heart Presumption: Diseases of the heart resulting in death presumed accidental: 50% of salary payable
  - ▶ Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service

    - Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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TIER 1

### TIER 1 RETIREMENT OPTIONS

# SELECTION OF BENEFITS WITHOUT OPTIONAL MODIFICATION (MAXIMUM RETIREMENT ALLOWANCE)

If a member upon retirement does not elect one of the options below, his or her benefit will be paid as a Maximum Retirement Allowance payable in monthly installments throughout his or her life, with all payments ceasing at death.

### **OPTION 1:**

### **UNMODIFIED AND MODIFIED INITIAL RESERVE**

Option 1 provides the pensioner with a reduced monthly lifetime allowance. If the pensioner dies before his or her payments equal the total value of the initial reserve set aside to provide his or her benefits on the date of retirement, the balance is paid to the designated beneficiary(ies) in either a lump-sum or monthly payments. More than one beneficiary may be named and the beneficiary(ies) may be changed at any time.

### OPTION 2: 100% JOINT-AND-SURVIVOR

The pensioner receives a reduced monthly lifetime allowance. When the pensioner dies, the surviving beneficiary receives 100% of the reduced allowance for life. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

### Option 3: 50% Joint-And-Survivor

The pensioner receives a reduced monthly lifetime allowance. When the pensioner dies, the surviving beneficiary receives 50% of the reduced allowance for life. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

### **OPTIONS 4-2 AND 4-3: POP-UP JOINT-AND-SURVIVOR OPTIONS**

These pop-up options are variations of Options 2 and 3. The pensioner receives a reduced monthly lifetime allowance under either a 100% or 50% joint-and-survivor arrangement, but if the beneficiary dies before the pensioner, the pensioner's benefit "pops-up," that is, it automatically becomes the Maximum Retirement Allowance.

### **OPTION 4: LUMP-SUM PAYMENT**

The pensioner receives a reduced monthly lifetime allowance with the provision that when he or she dies, the beneficiary receives a limited lump-sum payment specified by the pensioner at the time he or she chose this option. More than one beneficiary can be named and the beneficiary(ies) can be changed at any time.

**<u>NOTE</u>**: A pensioner may elect to receive any form of payment that is the actuarial equivalent of his or her Maximum Retirement Allowance, as certified by NYCERS' Chief Actuary and approved by the Board of Trustees.

### MODIFIED CAREER PENSION PLAN (PLAN C)

### SERVICE RETIREMENT

- Participants may retire at age 62, or 55 on a reduced basis, with 25 years of Career Pension Plan Qualifying Service
- The Service Retirement Benefit is:

▶ 55% of your Final Average Salary (FAS), plus For all years other than the first 25:

- ▶ 1.7% x FAS x years after June 30, 1968, plus
- $\blacktriangleright$  1.2% x FAS x years before July 1, 1968, plus
- ➤ A Pension based on excess Increased-Take-Home-Pay (ITHP) and an Annuity based on Excess Contributions

#### **VESTED RETIREMENT**

 Plan C members must switch to Plan D to become eligible for a Vested Retirement Benefit (See Plan D)

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service
- Accidental no minimum service requirement, but disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- ➤ An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### MODIFIED INCREASED SERVICE FRACTION PLAN (PLAN D)

### SERVICE RETIREMENT

- Participants may retire at age 62, or 55 on a reduced basis, with five or more years of Credited Service
- > The Service Retirement Benefit is:
  - 1.53% x Final Average Salary (FAS) x years of service after June 30, 1968, plus
  - ▶ 1.20% x FAS x years of service before July 1, 1968, plus
  - ▶ a Pension based on Increased-Take-Home-Pay (ITHP), plus
  - An Annuity based on Accumulated Deductions

### VESTED RETIREMENT

- > Need a minimum of five years of Credited Service
- Payability Date: Age 62 on an unreduced basis or age 55 on a reduced basis
- Vested Retirement Benefit is the same as the Service Retirement Benefit

### **DISABILITY RETIREMENT**

- > Ordinary must have ten or more years of Credited Service
- Accidental no minimum service requirement, but disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

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- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service

Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade

Center tragedy on 9/11/01 provided certain criteria is met

### AGE 55 IMPROVED BENEFIT RETIREMENT PROGRAM (CPP-I)

#### SERVICE RETIREMENT

- Participants may retire at age 55, or age 50 in a physically-taxing position, with 25 years of Career Pension Plan Qualifying Service
- The Service Retirement Benefit is:
  - First 25 years of Career Pension Plan Qualifying Service: 55% of Final Average Salary (FAS), plus
  - ▶ 1.7% x FAS x years of service after June 30, 1968, plus
  - ▶ 1.2% x FAS x years of service before July 1, 1968, plus
  - ▶ a Pension based on excess Increased-Take-Home-Pay (ITHP) and an Annuity based on Excess Contributions

#### VESTED RETIREMENT

Plan CPP-I members must switch to ISF-I to become eligible for a vested retirement (See ISF-I)

### DISABILITY RETIREMENT

- > Ordinary must have ten or more years of Credited Service
- Accidental no minimum service requirement, but disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- ➤ An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum;
   3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions (basic and employee portion of Additional Member Contributions). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### AGE 55 IMPROVED INCREASED SERVICE FRACTION PLAN (ISF-I)

### SERVICE RETIREMENT BENEFIT

- Participants may retire at age 55 with twenty-five or more years of Credited Service
- The Service Retirement Benefit is:
  - ▶ 1.53% x Final Average Salary x years of service after June 30, 1968, plus
  - ▶ 1.20% x FAS x years of service before July 1, 1968, plus
  - A Pension based on Increased-Take-Home-Pay(ITHP), plus
  - an Annuity based on Accumulated Deductions

### VESTED RETIREMENT

- > Need a minimum of five years of Credited Service
- Payability Date: Age 62 on an unreduced basis or Age 55 on a reduced basis
- Vested Retirement Benefit is the same as the Service Retirement Benefit

### DISABILITY RETIREMENT BENEFIT

- > Ordinary must have ten or more years of Credited Service
- Accidental No minimum service requirement, but disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions;
  - If eligible for service retirement, benefit = Service Retirement Benefit.
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation Payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

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- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental: Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01

provided certain criteria is met

### MODIFIED 20-YEAR PLAN FOR CORRECTION OFFICERS (P-20)

#### SERVICE RETIREMENT BENEFIT

- Participants may retire after completing 20 of Allowable Correction Service (ACS)
- The Service Retirement Benefit is:
  - ▶ First 20 years of ACS: 50% of Final Average Salary (FAS), plus
  - Each year of ACS after 20: 1.67% x Average Compensation (or FAS if the comp period is less than 3 years) x the years of ACS in excess of 20, plus
  - Each year of Credited Service: 75% x 1.67% x Final Compensation x Credited Service, plus
  - Pension based on the excess Increased-Take-Home-Pay (ITHP), and an Annuity for excess contributions
  - Benefit limited to 30 years

#### **VESTED RETIREMENT BENEFIT**

- ➤ Need at least five but less than 20 years of ACS; payable when member would have reached 20 years of ACS
- Vested Retirement Benefit is:
  - > 2.5% x FAS x the years of ACS, plus
  - > 75% x 1.67% x Final Compensation x Credited Service on or after 10/01/51

#### DISABILITY RETIREMENT

- > Ordinary: If less than 10 years of ACS 1/3 of FAS; more than 10, but less than 20 50% of FAS; more than 20 2.5% x FAS x Credited Service
- Accidental: 75% of FAS; 1.67% x Average Compensation x years of ACS in excess of 20; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation
- ➤ Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed accidental; accidental benefit payable
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

#### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job))
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to a Designated Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: Need more than 90 days of service; benefit equal to three years' salary lump sum, plus a return of Accumulated Deductions
- Accidental Death Benefit: A pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Vested Members: With 10 or more years of Credited Service; 50% of death benefit in force at time of separation from service
- Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### MODIFIED ONE PERCENT RETIREMENT PLAN (1/100) TRANSIT ONLY

### SERVICE RETIREMENT BENEFIT

- Participants may retire at age 62 with an unreduced benefit or at age 55 with a reduced benefit regardless of the amount of Credited Service attained
- The Service Retirement Benefit is:
  - ▶ For each year of Credited Service 1% of Final Compensation; plus
  - A Pension based on Increased-Take-Home-Pay (ITHP), plus
  - An Annuity based on Accumulated Member Contributions

### VESTED RETIREMENT BENEFIT

There is no provision for vesting

### DISABILITY RETIREMENT BENEFIT

- If you have contributed the required amount and your application is approved you will be entitled to an ordinary disability retirement benefit calculated as follows:
  - If you have attained age 62, the ordinary disability retirement benefit equals the service retirement benefit
  - If you have not attained the age of 62, the ordinary disability retirement benefit will be 2 x 1/100 for each year of service you would have completed upon reaching age 62 for eligibility for service retirement x Final Compensation, up to 25% of Final Compensation; or, if greater
  - 2 x 1/100 for each year of actual service you have completed to date x Final Compensation
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary: Need more than 90 days of service; benefit equal to three years' salary lump sum
- Accidental: Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of the death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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# MODIFIED TRANSIT 20-YEAR RETIREMENT PLAN (T-20)

### SERVICE RETIREMENT BENEFIT

- Participants may retire at age 55 with 25 or more years of Transit Operating Service (TOS) but may retire with a reduced benefit as early as age 50 with at least 20 years of TOS.
- The Service Retirement Benefit is:
  - ▶ First 20 years of TOS: 50% of Final Average Salary (FAS), plus
  - ► Each year of TOS above 20: 1.5% x Final Compensation x years of TOS on or after 07/01/68, plus
  - Each year of other service: 1% x Final Compensation x years of other service
- The Reduced Service Retirement Benefit is:
  - 2% x FAS x credited service (exclusive of any benefit provided on account of member contributions)

### **VESTED RETIREMENT BENEFIT**

➤ Members may switch to the Modified Age 55 1/100 Plan and retire with immediate payability (See Modified 1/100 Plan)

### DISABILITY RETIREMENT BENEFIT

- > Ordinary: Must have ten or more years of Credited Service
- Accidental: No minimum service but disability resulted from an on-the-job accident
  - Ordinary: Less than age 55 and less than 25 years of TOS: 2.5% x Final Compensation x TOS up to 20; plus 1.5% x Final Compensation x TOS above 20 rendered on or after 07/01/68; plus 1% x Final Compensation x all other service. If 25 or more years of TOS and age 55, benefit equals Service Retirement Benefit
  - Accidental: Pension of 75% of Final Compensation; plus a pension based on the ITHP; plus an annuity based on any Accumulated Deductions; less 100% of Workers' Compensation payments
- Members may file for benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

#### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- ➤ An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary: Need more than 90 days of service; benefit equal to three years' salary lump sum
- Accidental: Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of the death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# 20-YEAR PLAN FOR CORRECTION MEMBERS BELOW THE RANK OF CAPTAIN (CI-20)

### SERVICE RETIREMENT

- Participants may retire with 20 or more years of Allowable Correction Service (ACS) regardless of age (Benefit limited to 30 years)
- The Service Retirement Benefit is:
  - ▶ First 20 years of ACS: 50% of Final Average Salary (FAS), plus
  - ▹ For years other than the first 20 years of ACS: 1.67% of the Average Compensation, plus
  - ▶ a Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity based on Excess Contributions, plus
  - 75% x 1.67% x Final Compensation for each year on or after 09/30/51
  - $\blacktriangleright$  55% x 1.67% x Final Compensation x Credited Service prior to 10/1/51

### VESTED RETIREMENT

- Need at least five years but less than 20 years of ACS; benefit payable when member would have reached 20 years of ACS
- The Vested Retirement Benefit is:
  - > 2.5% x FAS x years of ACS up to 20 years, plus
  - 75% x 1.67% x Final Compensation x Credited Service on or after 09/30/51, plus
  - $\blacktriangleright$  55% x 1.67% x Final Compensation x Credited Service prior to 10/1/51

### DISABILITY RETIREMENT

- $\blacktriangleright$  Ordinary: If less than 10 years of ACS 1/3 of FAS; more than 10, but less than 20 50% of FAS; more than 20 2.5% x FAS x Credited Service
- Accidental: 75% of FAS; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- ► Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed accidental; accidental benefit payable
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: Need more than 90 days of service; benefit equal to three years' salary lump sum, plus a return of Accumulated Deductions (basic and additional)
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Vested Members: With 10 or more years of Credited Service; 50%
   of death benefit in force at time of separation from service
  - Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
    - Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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# 20-YEAR PLAN FOR CORRECTION MEMBERS ABOVE THE RANK OF CAPTAIN (CP-20)

### SERVICE RETIREMENT

- Participants may retire with 20 or more years of Allowable Correction Service (ACS) regardless of age
- The Service Retirement Benefit is:
  - ▶ First 20 years of ACS: 50% of Final Average Salary (FAS), plus
  - ▹ For years other than the first 20 years of ACS: 1.67% of the Average Compensation, plus
  - ▶ a Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity based on Excess Contribution, plus
  - ▶ 75% x 1.67% x Final Compensation for each year on or after 09/30/51
  - 55% x 1.67% x Final Compensation x Credited Service prior to 10/1/51
  - Benefit limited to 30 years

### **VESTED RETIREMENT**

- Need at least five years but less than 20 years of ACS; payable when member would have reached 20 years of ACS
- The Vested Retirement Benefit is:
  - ▶ 2.5% x FAS x Years of ACS up to 20 years, plus
  - 75% x 1.67% x Final Compensation x Credited Service on or after 09/30/51, plus
  - $\blacktriangleright$  55% x 1.67% x Final Compensation x Credited Service prior to 10/1/51

### DISABILITY RETIREMENT

- > Ordinary: If less than 10 years of ACS 1/3 of FAS; more than 10, but less than 20 50% of FAS; more than 20 2.5% x FAS x Credited Service
- Accidental: 75% of FAS; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- ► HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed accidental; accidental benefit payable
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: Need more than 90 days of service; benefit equal to three years' salary lump sum, plus a return of Accumulated Deductions (basic and additional)
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Vested Members: With 10 or more years of Credited Service; 50% of death benefit in force at time of separation from service
- Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# MODIFIED SANITATION 20-YEAR RETIREMENT PLAN (S-20)

### SERVICE RETIREMENT

- ▶ Participants may retire with 25 years of Allowable Sanitation Service or with a reduced benefit after 20 years
- The Service Retirement Benefit is:
  - First 20 years of Allowable Sanitation Service: 50% of Final Average Salary (FAS), plus
  - ▶ 1.5% x Final Compensation x Allowable Sanitation Service after first 20 years, plus
  - ▶ 1% x Final Compensation x all other service, plus
  - A Pension based on excess Increased-Take-Home-Pay (ITHP) and an Annuity based on Excess Contributions
- > The Reduced Service Retirement Benefit is:
  - Same as above except employer portion of the benefit cannot exceed 2% x FAS x years of Credited Service

### VESTED RETIREMENT

- Need at least 5, but less than 20 years of Allowable Sanitation Service; payable when member would have reached 20 years of such service
- > 2.5% x FAS x each year of Allowable Sanitation Service; plus
- ▶ 1% x Final Compensation x each year of Credited Service

### DISABILITY RETIREMENT BENEFIT

- > Ordinary: Need 5 or more years of Credited Service;
- Accidental: No minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: Less than 10 years of Allowable Sanitation Service: 1/3 of FAS; 10 - 20 years: 50% of FAS; more than 25 years: Benefit = Service Retirement Benefit
  - Accidental: 75% of FAS; plus ITHP; plus Accumulated Deductions, plus if more than 25 years of Allowable Sanitation Service, 1% x Average Compensation x years in excess of 20, plus .5% x Average Compensation x years of Allowable Sanitation Service in excess of 20
- Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies)
- Ordinary: Need more than 90 days of service; benefit equal to 3 years' salary lump sum; plus Accumulated Deductions
- Accidental: Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of the death benefit in force at time of separation from service
  - Heart Presumption: Death due to heart ailment presumed accidental; accidental death benefit payable
    - Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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# 20-YEAR RETIREMENT PLAN FOR UNIFORMED SANITATION MEMBERS (SI-20)

### SERVICE RETIREMENT

- ➤ Participants may retire with 20 or more years of Allowable Sanitation Service regardless of age
- The Service Retirement Benefit is:
  - First 20 years of Allowable Sanitation Service: 50% of Final Average Salary (FAS), plus
  - ▶ Other than the first 20 years of such service: 1.5% of Final Compensation, plus
  - ▹ For each year of all other Credited Service: 1% of Final Compensation, plus
  - ▶ a Pension based on excess Increased-Take-Home-Pay (ITHP) and an Annuity for Excess Contributions
  - Benefit limited to 30 years

### VESTED RETIREMENT

- Need at least five years but less than 20 years of Allowable Sanitation Service; benefit payable when member would have reached 20 years of such service
- > The Vested Retirement Benefit is:
  - ▶ 2.5% x FAS x each year of Allowable Sanitation Service, plus
  - ▶ 1% x Final Compensation x each year of Credited Service

### DISABILITY RETIREMENT

- Ordinary must have five or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: If 10 or more years of Allowable Sanitation Service 50% of FAS; If less than 10 years – one-third of FAS; If eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of FAS; plus ITHP; plus Accumulated Deductions
- ➤ Heart Presumption: Diseases of the heart resulting in disability presumed accidental; accidental benefit payable
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: Need more than 90 days of service; benefit equal to three years' salary lump sum, plus a return of Accumulated Deductions (basic and additional)
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# 20-YEAR, AGE-50 RETIREMENT PLAN FOR TBTA OFFICERS, SERGEANTS & LIEUTENANTS (2050I)

### SERVICE RETIREMENT

- Participants may retire with 20 or more years of Allowable Service at age 50
- The Service Retirement Benefit is:
  - ▹ For the first 20 years of Allowable Service: 50% of Final Average Salary (FAS), plus
  - ▹ For each additional year Allowable Service (up to a maximum of 30 years): 1.5% x FAS

### VESTED RETIREMENT

- ▶ Participants may retire as early as age 55 with an unreduced benefit similar to Plan D (See Plan D)
- ► The earliest age a member may retire depends on the years of Allowable Service he/she has

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; If eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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# 25-YEAR RETIREMENT PLAN FOR DISTRICT ATTORNEY INVESTIGATORS (25IDA)

### SERVICE RETIREMENT

- Participants are allowed to retire with 25 or more years of Credited Service regardless of age
- The Service Retirement Benefit is:
  - For the first 25 years of Credited Service: 55% x Final Salary, plus
  - For each additional year (up to a maximum of 32): 1.70% x Final Average Salary (FAS)
  - ➤ A Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity for Excess Contributions

### VESTED RETIREMENT

- Need at least 15 but less than 25 years of Credited Service
- Benefit payable when member could have completed 25 years such service
- > The Vested Retirement Benefit is:

> 2.20% x FAS x each year of Credited Service

### **DISABILITY RETIREMENT**

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# 20-YEAR RETIREMENT PLAN FOR DISTRICT ATTORNEY INVESTIGATORS (20IDA)

### SERVICE RETIREMENT

- Participants may retire with credit for 20 or more years of Allowable Investigator of District Attorneys' Offices (IDA) Service
- The Service Retirement Benefit is:
  - ▶ For the first 20 years of Allowable IDA Service: 50% of Final Salary, plus
  - ▹ For each additional year of Allowable IDA Service: 1/60th of Average Compensation, plus
  - 75% x 1/60th x Final Compensation x Credited Service on or after September 30, 1951, plus
  - ▶ 55% x 1/60th x Final Compensation x Credited Service prior to October 1, 1951
  - ▶ A Pension for excess Increased-Take-Home-Pay (ITHP) and an Annuity for Excess Contributions
  - Benefit limited to 32 years

### VESTED RETIREMENT

- Need at least 5 but less than 20 years of Allowable IDA Service
- Benefit payable when member could have reached 20 years of such service
- Vested Retirement Benefit is: 2.5% of Final Salary for each year of Allowable IDA Service

### DISABILITY RETIREMENT

 Ordinary - must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident

### Disability Retirement Benefit:

- Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
- Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation

 Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service

 Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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# 25-YEAR RETIREMENT PLAN FOR DISPATCHERS (DIS-I)

### SERVICE RETIREMENT

- ➤ Participants may retire with 25 or more years of Allowable Service as a Dispatcher Member
- The Service Retirement Benefit is:
  - An Annuity (the actuarial equivalent of contributions for the first 25 years of Allowable Service), plus
  - A Pension for Increased-Take-Home-Pay (ITHP) for the first 25 years, plus
  - ➤ A Pension, which when added to the Annuity and ITHP equals 50% of Final Average Salary (FAS), plus
  - 2% of FAS for each year beyond the first 25 years of Allowable Service (not to exceed five years)
  - A Pension for excess (ITHP) and an Annuity for Excess Contributions

### **VESTED RETIREMENT**

• There is no vesting provision in this plan

### DISABILITY RETIREMENT

 Ordinary - must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident

### • Disability Retirement Benefit:

- Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
- Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service.
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# 25-YEAR RETIREMENT PLAN FOR EMERGENCY MEDICAL TECHNICIANS (EMT-I)

### SERVICE RETIREMENT

- Participants may retire with 25 or more years of Allowable Service as an EMT Member
- The Service Retirement Benefit is:
  - An Annuity (the actuarial equivalent of contributions for the first 25 years of Allowable Service), plus
  - A Pension for Increased-Take-Home-Pay (ITHP) for the first 25 years, plus
  - A Pension, which when added to the Annuity and ITHP equals 50% of Final Average Salary (FAS), plus
  - 2% of FAS for each year beyond the first 25 years of Allowable Service (not to exceed five years)
  - ► A Pension for excess ITHP and an Annuity for Excess Contributions

### VESTED RETIREMENT

> There is no vesting provision in this plan

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- > Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- ➤ Heart Presumption: Diseases of the heart resulting in disability presumed line-of-duty; accidental benefit payable
- ► HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed line-of-duty; accidental benefit payable
- ► Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Heart Presumption: Diseases of the heart resulting in death
   presumed line-of-duty; accidental benefit payable

 Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service.

 Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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# 25-YEAR RETIREMENT PLAN FOR NYC DEPUTY SHERIFFS (DSH-I)

### SERVICE RETIREMENT

- Participants may retire after having credit for 25 or more years of Credited Service regardless of age
- The Service Retirement Benefit is:
  - An Annuity (the actuarial equivalent of contributions for the first 25 years of Credited Service), plus
  - A Pension for Increased-Take-Home-Pay (ITHP) for the first 25 years, plus
  - ➤ A Pension, which when added to the Annuity and ITHP equals 55% of Final Average Salary (FAS), plus
  - 1.7% of FAS for each year beyond the first 25 years of Credited Service (not to exceed five years)
  - A Pension for excess ITHP and an Annuity for Excess Contributions

### **VESTED RETIREMENT**

There is no provision for vesting

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- ➤ An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than five years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service.
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# 25-YEAR/AGE-50 RETIREMENT PLAN FOR AUTOMOTIVE WORKERS (AUT-I)

### SERVICE RETIREMENT

- Participants with 25 or more years of Credited Service may retire at age 50
- The Service Retirement Benefit is:
  - An Annuity (the actuarial equivalent of contributions for the first 25 years of Credited Service), plus
  - ► A Pension for Increased-Take-Home-Pay (ITHP) for the first 25 years, plus
  - A Pension, which when added to the Annuity and ITHP equals 50% of Final Average Salary (FAS), plus
  - 2% of FAS for each year beyond the first 25 years of Credited Service (not to exceed five years)
  - ► A Pension for excess ITHP and an Annuity for Excess Contributions

### VESTED RETIREMENT

> There is no vesting provision in this plan

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- > Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than five years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service.

 Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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# 25-YEAR RETIREMENT PLAN FOR SPECIAL OFFICERS (SPO-I)

### SERVICE RETIREMENT

- ➤ Participants may retire with 25 or more years of Allowable Service as a Special Officer regardless of age
- The Service Retirement Benefit is:
  - An Annuity (the actuarial equivalent of contributions for the first 25 years of Allowable Service), plus
  - A Pension for Increased-Take-Home-Pay (ITHP) for the first 25 years, plus
  - ➤ A Pension, which when added to the Annuity and ITHP equals 50% of Final Average Salary (FAS), plus
  - 2% of FAS for each year beyond the first 25 years of Allowable Service (not to exceed five years)
  - ► A Pension for excess ITHP and an Annuity for Excess Contributions

### **VESTED RETIREMENT**

There is no provision for vesting

### DISABILITY RETIREMENT

 Ordinary - must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident

### • Disability Retirement Benefit:

- Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
- Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service.
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# 25-YEAR RETIREMENT PLAN FOR POLICE COMMUNICATION OPERATORS (911)

### SERVICE RETIREMENT

- ▶ Participants with 25 or more years of Credited Service may retire regardless of age
- The Service Retirement Benefit is:
  - An Annuity (the actuarial equivalent of contributions for the first 25 years of Credited Service), plus
  - A Pension for Increased-Take-Home-Pay (ITHP) for the first 25 years, plus
  - A Pension, which when added to the Annuity and ITHP equals 50% of Final Average Salary (FAS), plus
  - 2% of FAS for each year beyond the first 25 years of Credited Service (not to exceed five years)
  - ► A Pension for excess ITHP and an Annuity for Excess Contributions

### VESTED RETIREMENT

> There is no provision for vesting

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service; Accidental – no minimum service, but disability resulted from an on-the-job accident
- > Disability Retirement Benefit:
  - Ordinary: 1.53% x FAS for each year after June 30, 1968; 1.20% x FAS for each year before July 1, 1968; plus ITHP; plus Accumulated Deductions; if eligible for service retirement, benefit = Service Retirement Benefit
  - Accidental: 75% of Final Compensation; plus ITHP; plus Accumulated Deductions; less 100% Workers' Compensation payments
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions, basic and additional (if less than five years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: A Pension equal to 50% of Final Compensation; plus a lump sum of Accumulated Deductions; plus a lump sum of ITHP; less 100% Workers' Compensation
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service.

 Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

TIER 2

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# **TIER 2 RETIREMENT OPTIONS**

# SELECTION OF BENEFITS WITHOUT OPTIONAL MODIFICATION (MAXIMUM RETIREMENT ALLOWANCE)

If a member, upon retirement, does not elect one of the options listed below, his or her benefit will be paid as a Maximum Retirement Allowance payable in monthly installments throughout his or her life, with all payments ceasing at death.

## **OPTION 1: RETURN OF ANNUITY RESERVE**

Option 1 provides the pensioner with a reduced monthly lifetime allowance. If the pensioner dies before the *Annuity* portion of his or her payments equal the total value of the *Annuity* reserve set aside to pay his or her *Annuity* on the date of retirement, the balance is paid to the designated beneficiary in either a lump sum or monthly payments. Option 1 cannot be elected for the *ITHP* or *Pension* portions of the retirement allowance. More than one beneficiary may be named and the beneficiary(ies) may be changed at any time.

# Option 2: 100% Joint-And-Survivor

The pensioner receives a reduced monthly lifetime allowance. When the pensioner dies, the surviving beneficiary receives 100% of the reduced monthly allowance for life. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

# Option 3: 50% Joint-And-Survivor

The pensioner receives a reduced monthly lifetime allowance. When the pensioner dies, the surviving beneficiary receives 50% of the reduced monthly allowance for life. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

# **OPTIONS 4-2 AND 4-3: POP-UP JOINT-AND-SURVIVOR OPTIONS**

These options are variations of Options 2 and 3. The pensioner receives a reduced monthly lifetime allowance under either a 100% or 50% joint-and-survivor arrangement, but if the beneficiary dies before the pensioner, the pensioner's benefit "pops-up," that is, it automatically becomes the Maximum Retirement Allowance.

# OPTION 4: LUMP-SUM PAYMENT

The pensioner receives a reduced monthly lifetime allowance. When the pensioner dies, the surviving beneficiary(ies) receives a limited lump-sum payment specified by the pensioner at the

time he or she chose this option. More than one beneficiary can be named and the beneficiary(ies) can be changed at any time.

**<u>NOTE</u>**: A pensioner may elect to receive any form of payment that is the actuarial equivalent of their Maximum Retirement Allowance, as certified by NYCERS' Chief Actuary and approved by the Board of Trustees.

# **OPTION 5 (FIVE-YEAR CERTAIN)**

The pensioner receives a reduced monthly lifetime allowance. If the pensioner dies within five years from the date of retirement, the reduced monthly retirement allowance will be paid to the surviving designated primary beneficiary for the unexpired balance of the five-year period. If the designated primary beneficiary predeceases the pensioner, the balance of the payments due for the remainder of the five-year period is continued to the pensioner's designated contingent beneficiary. If none exists, it is paid in a lump-sum to the estate of the pensioner.

Should a designated primary beneficiary also die, after having started to receive payments under this option selection, the balance will be paid in a lump-sum to the designated contingent beneficiary. If none exists, the lump-sum balance will be paid to the estate of the primary beneficiary.

# **OPTION 6 (TEN-YEAR CERTAIN)**

The pensioner receives a reduced monthly lifetime allowance. If the pensioner dies within ten years from the date of retirement, the reduced monthly retirement allowance will be paid to the surviving designated primary beneficiary for the unexpired balance of the ten-year period. If the designated primary beneficiary predeceases the pensioner, the balance of the payments due for the remainder of the ten-year period is continued to the pensioner's designated contingent beneficiary. If none exists, it is paid in a lump-sum to the estate of the pensioner.

Should a designated primary beneficiary also die, after having started to receive payments under this option selection, the balance will be paid in a lump-sum to the designated contingent beneficiary. If none exists, the lump-sum balance will be paid to the estate of the primary beneficiary.

# RETIREMENT PLAN FOR GENERAL MEMBERS

### SERVICE RETIREMENT

- May retire with an unreduced benefit at age 62 and as early as age 55, with a reduced benefit
- Service Retirement Benefit is:
  - Less than 20 years of Credited Service: 1.67% x each year of Credited Service x Final Average Salary (FAS)
  - ▶ 20 or more years of Credited Service: 2% x each year of Credited Service x FAS
- ▶ Benefit is reduced by 50% of your Primary Social Security Benefit (PSSB) beginning at age 62
- Post-retirement escalations depending on age you retire

### VESTED RETIREMENT

- ➤ A member with five or more years of Credited Service at age 62 may receive an unreduced vested retirement benefit or the member may elect to receive a reduced benefit prior to age 62, as early as age 55
- Benefit calculation same as service retirement benefit calculation

### DISABILITY RETIREMENT

- May receive an Ordinary Disability Benefit (ODB) or Accidental Disability Benefit (ADB)
- ODB: If you have at least five years of service and deemed disabled by the Social Security Administration the ODB is equal to the greater of one-third of FAS or 2% x Credited Service x FAS (reduced by 50% of the PSSB & 100% of Workers' Compensation Payments)
- ► ADB: Eligible if your disability is deemed to be the result of an accidental injury sustained in the performance of duty. The benefit is 60% of FAS minus 50% of the PSSB and 100% of Workers' Compensation Payments.
- ▶ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum. A return of Basic Member Contributions included. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of FAS payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# UNIFORMED CORRECTION FORCE 25 - YEAR PLAN

### SERVICE RETIREMENT

- Correction Officers appointed after July 27, 1976 can retire after 25 years of Credited Service without regard to age, and without a benefit reduction due to retirement prior to age 62
- ▶ The Service Retirement Benefit is 50% of your Final Average Salary (FAS)

### VESTED RETIREMENT

 There is no Vesting provision with this plan, however, members may vest under the basic Tier 3 vesting provisions (See Retirement Plan for General Members)

### DISABILITY RETIREMENT

- ➤ May receive an Ordinary Disability Benefit (ODB), special disability benefit, performance of duty disability benefit or Accidental Disability Benefit (ADB)
- ▶ ODB: See "Retirement Plan for General Members"
- Special Disability Benefit (RSSL §507-a): Eligible with 10 or more years of Credited Service. The Benefit is equal to one-third of your FAS or 1.67% x each year of Credited Service x FAS. If eligible for service retirement, the benefit will be equal to the service retirement benefit if greater.
- Performance of Duty Disability Benefit: Eligible if your disability is deemed to be the result of an accidental injury sustained in the performance of duty, by an act of an inmate; 75% of FAS payable.
- ▶ ADB: See "Retirement Plan for General Members"
- ➤ Heart Presumption: Diseases of the heart resulting in disability presumed line-of-duty;75% of FAS payable
- ► HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed line-of-duty; 75% of FAS payable
- ▶ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01

# DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- ► Ordinary Death Benefit: members with more than 90 days of service will receive a death benefit equal to three years' salary lump sum, plus a return of Basic Member Contributions
- Accidental Death Benefit: 50% of FAS payable
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

NYC Employees' Retirement System TIER 3

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# UNIFORMED CORRECTION OFFICER 20 - YEAR RETIREMENT PLAN (CO-20)

### SERVICE RETIREMENT

- May retire with 20 or more years of Credited Service or Allowable Correction Service (ACS) (type of service you need depends on when you became a member), without regard to age.
- The Service Retirement Benefit is:
  - ▶ For the first 20 years of Credited Service or ACS: 50% of FAS
  - ▹ For all years of Credited Service or ACS, other than the first 20 years of such service, 1.67% x years of service x FAS (not to exceed 30 years)

### **VESTED RETIREMENT**

- Must have at least five years of Credited Service or ACS, but less than 20 years of such service
- Benefit payable on the earliest date the member could have retired with 20 years of Credited Service or ACS
- > The Vested Retirement Benefit is: 2.5% x years of service x FAS

#### DISABILITY RETIREMENT

- May receive an Ordinary Disability Benefit (ODB), special disability benefit, performance of duty disability benefit or Accidental Disability Benefit (ADB)
- > ODB: See "Retirement Plan for General Members"
- Special Disability Benefit: Eligible with 10 or more years of Credited Service; benefit = 1/3 of FAS or 1.67% x each year of Credited Service x FAS. If eligible for service retirement, benefit = Service Retirement Benefit.
- Performance of Duty Disability: Eligible if your disability is deemed to be the result of an injury sustained in the performance of duty by an act of an inmate; 75% of FAS payable
- ADB: See "Retirement Plan for General Members"
- ➤ Heart Presumption: Diseases of the heart resulting in disability presumed line-of-duty; 75% of FAS payable
- ► HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed line-of-duty; 75% of FAS payable
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: members with more than 90 days of service will receive a death benefit equal to three years' salary lump sum, plus a return of Accumulated Deductions, basic and additional
- Accidental Death Benefit: 50% of FAS payable
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# CORRECTION CAPTAIN 20 - YEAR RETIREMENT PLAN (CC-20)

### SERVICE RETIREMENT

- May retire with 20 or more years of Credited Service or Allowable Correction Service (ACS) (type of service you need depends on when you became a member), without regard to age.
- The Service Retirement Benefit is:
  - ▶ For the first 20 years of Credited Service or ACS: 50% of FAS
  - For all years of Credited Service or ACS, other than the first 20 years of such service, 1.67% of FAS times the years of such service (not to exceed 30 years)

### VESTED RETIREMENT

- Must have at least five years of Credited Service or ACS, but less than 20 years of such service
- Benefit payable on the earliest date the member could have retired with 20 years of Credited Service or ACS
- > The Vested Retirement Benefit is: 2.5% x years of service x FAS

### DISABILITY RETIREMENT

- May receive an Ordinary Disability Benefit (ODB), special disability benefit, performance of duty disability benefit or Accidental Disability Benefit (ADB)
- > ODB: See "Retirement Plan for General Members"
- Special Disability Benefit: Eligible with 10 or more years of Credited Service; benefit = 1/3 of FAS or 1.67% x each year of Credited Service x FAS. If eligible for service retirement, benefit = Service Retirement Benefit.
- Performance of Duty Disability Benefit: Eligible if your disability is deemed to be the result of an injury sustained in the performance of duty by an act of an inmate; 75% of FAS payable
- ADB: See "Retirement Plan for General Members"
- Heart Presumption: Diseases of the heart resulting in disability presumed line-of-duty; 75% of FAS payable
- HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed line-of-duty; 75% of FAS payable
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: members with more than 90 days of service will receive a death benefit equal to three years' salary lump sum, plus a return of Accumulated Deductions, basic and additional
- Accidental Death Benefit: 50% of FAS payable
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
  - Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
    - Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

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TIER 3

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# UNIFORMED CORRECTION FORCE 20 - YEAR RETIREMENT PLAN (CF-20)

### SERVICE RETIREMENT

- ➤ May retire with 20 or more years of Allowable Correction Service (ACS), without regard to age
- The Service Retirement Benefit is:
  - ▶ For the first 20 years of ACS: 50% of Final Average Salary (FAS)
  - For all years of ACS other than the first 20 years of such service: 1.67% of FAS times years of such service (not to exceed 30 years)

### VESTED RETIREMENT

- Must have at least five years of ACS, but less than 20 years of such service
- Benefit payable on the earliest date the member could have retired with 20 years of ACS
- ➤ The Vested Retirement Benefit is: 2.5% of FAS for each year of ACS

### DISABILITY RETIREMENT

- May receive an Ordinary Disability Benefit (ODB), special disability benefit, performance of duty disability benefit or Accidental Disability Benefit (ADB)
- ODB: See "Retirement Plan for General Members"
- Special Disability Benefit: Eligible with 10 or more years of Credited Service; benefit = 1/3 of FAS or 1.67% x each year of Credited Service x FAS. If eligible for service retirement, benefit = Service Retirement Benefit.
- ➤ Performance of Duty Disability Benefit: Eligible if your disability is deemed to be the result of an injury sustained in the performance of duty by an act of an inmate; 75% of FAS payable
- ADB: See "Retirement Plan for General Members"
- Heart Presumption: Diseases of the heart resulting in disability presumed line-of-duty; 75% of FAS payable
- ► HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed line-of-duty; 75% of FAS payable
- ▶ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: members with more than 90 days of service will receive a death benefit equal to three years' salary lump sum, plus a return of Accumulated Deductions, basic and additional
- Accidental Death Benefit: 50% of FAS payable
- ➤ A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- ▶ Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Heart Presumption: Diseases of the heart resulting in death presumed accidental; accidental benefit payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# **TIER 3 RETIREMENT OPTIONS**

# SELECTION OF BENEFITS WITHOUT OPTIONAL MODIFICATION (MAXIMUM RETIREMENT ALLOWANCE)

If a member, upon retirement, does not elect one of the options listed below, his or her benefit will be paid as a Maximum Retirement Allowance, payable in monthly installments throughout his or her life, with all payments ceasing at death.

# Option 1: 100% Joint-And-Survivor

The pensioner receives a reduced monthly lifetime benefit. When the pensioner dies, the surviving beneficiary receives the same reduced monthly benefit for life. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

# **OPTION 2: OTHER JOINT-AND-SURVIVOR OPTIONS**

The pensioner receives a reduced monthly lifetime benefit. When the pensioner dies, the surviving beneficiary receives a benefit of 90% or less (amount depends on the pensioner's choice, in increments of not less than 10%) of the pensioner's reduced monthly benefit for life. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

# **OPTION 3: FIVE-YEAR CERTAIN**

The pensioner receives a reduced monthly lifetime benefit. If the pensioner dies within five years from the date of retirement, the reduced monthly retirement benefit will continue to be paid to the surviving designated primary beneficiary for the unexpired balance of the five-year period. If the designated primary beneficiary predeceases the pensioner, the balance of the payments due for the unexpired balance of the five-year period is continued to the pensioner's contingent beneficiary or, if none exists, is paid in a lump-sum to the estate of the pensioner. Should a designated primary beneficiary who has started to receive payments die before the unexpired balance of the five-year period, the balance of the payments for the unexpired balance of the five-year period, the balance of the payments for the unexpired balance of the five-year period is paid in a lump-sum to the designated contingent beneficiary or, if none exists, to the estate of the primary beneficiary.

# **OPTION 4: TEN-YEAR CERTAIN**

The pensioner receives a reduced monthly lifetime benefit. If the pensioner dies within 10 years from the date of retirement, the reduced monthly retirement benefit will continue to be paid to the surviving designated primary beneficiary for the unexpired balance of the 10-year period. If the designated primary beneficiary predeceases the pensioner, the balance of the payments due

for the unexpired balance of the 10-year period is continued to the pensioner's contingent beneficiary or, if none exists, is paid in a lump-sum to the estate of the pensioner. Should a designated primary beneficiary who has started to receive payments die before the unexpired balance of the 10-year period, the balance of the payments for the unexpired balance of the 10year period is paid in a lump-sum to the designated contingent beneficiary or, if none exists, to the estate of the primary beneficiary.

# Members who retire on or after November 21, 1992 are eligible to elect Option 5, the *Pop-Up* Option.

# **OPTION 5: POP-UP OPTION**

The Pop-Up Option is a variation of Options 1 and 2. The pensioner receives a reduced monthly lifetime benefit under a 100%, 90% or less (amount depends on the pensioner's choice, in increments of not less than 10%) joint-and-survivor selection. If the beneficiary dies before the pensioner, the pensioner's benefit "pops-up," that is, it automatically becomes the Maximum Retirement Allowance.

# BASIC 62/5 PLAN

### SERVICE RETIREMENT

- May retire at age 62 with five or more years of Credited Service
- May retire as early as age 55, but with a penalty
- The Service Retirement Benefit is:
  - Less than 20 years of Credited Service: 1.67% x each year of Credited Service x Final Average Salary (FAS)
  - Between 20 and 30 years of Credited Service: 2% x each year of Credited Service x FAS
  - More than 30 years of Credited Service: 2% x each year for first 30 years of Credited Service x FAS, plus 1.5% x each year of Credited Service in excess of 30 years x FAS

### VESTED RETIREMENT

- ► Need a minimum of five years of Credited Service, two of which must be Membership Service
- ▶ Payability Date: Age 62
- ▶ Benefit calculation same as Service Retirement Benefit calculation for the 62/5 Plan

### DISABILITY RETIREMENT

- Eligiblity: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- ➤ Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- ➤ Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# 55/25 PLAN - CHAPTER 96 OF THE LAWS OF 1995

### SERVICE RETIREMENT

- ▶ May retire at age 55 with at least 25 years of Credited Service
- The Service Retirement Benefit is:
  - Between 25 and 30 years of Credited Service: 2% x each year of Credited Service x FAS
  - More than 30 years of Credited Service: 2% x each year for first 30 years of Credited Service x FAS, plus 1.5% x each year of Credited Service in excess of 30 years x FAS

### VESTED RETIREMENT

- There is no vesting provision under this plan
- Members always retain the right to vest under the basic 62/5 plan
- Benefit calculation same as Service Retirement Benefit calculation

### DISABILITY RETIREMENT

- ► Eligiblity: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions - basic and employee portion (50%) of Additional Member Contributions. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met



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# 57/5 PLAN - CHAPTER 96 OF THE LAWS OF 1995

### SERVICE RETIREMENT

- May retire at age 57 with five or more years of Credited Service
- The Service Retirement Benefit is:
  - Less than 20 years of Credited Service: 1.67% x each year of Credited Service x Final Average Salary (FAS)
  - Between 20 and 30 years of Credited Service: 2% x each year of Credited Service x FAS
  - More than 30 years of Credited Service: 2% x each year for first 30 years of Credited Service x FAS, plus 1.5% x each year of Credited Service in excess of 30 years x FAS

### VESTED RETIREMENT

- ► Need a minimum of five years of Credited Service, two of which must be Membership Service
- ▶ Payability Date: Age 57
- Benefit calculation same as Service Retirement Benefit calculation

### DISABILITY RETIREMENT

- Eligiblity: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions basic and employee portion (50%) of Additional Member Contributions (AMCs). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- ➤ Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# SANITATION 30-YEAR RETIREMENT PLAN (SA-30)

### SERVICE RETIREMENT

- May retire at age 55 with 30 or more years of Credited Service
- The Service Retirement Benefit is:
  - With 30 years of Credited Service:
     2% x each year of Credited Service x FAS
  - More than 30 years of Credited Service: 2% x each year for first 30 years of Credited Service x FAS, plus 1.5% x each year of Credited Service in excess of 30 years x FAS

### VESTED RETIREMENT

- ► Need a minimum of five years of Credited Service, two of which must be Membership Service
- Payability Date: Age 62
- Benefit calculation same as Service Retirement Benefit calculation in the Basic 62/5 Plan

### DISABILITY RETIREMENT

- Ordinary must have ten or more years of Credited Service, unless disabilty resulted from accident sustained on-the-job
- Accidental no minimum service, but disability resulted from an on-the-job accident
- ➤ Ordinary: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS; If eligible for service retirement, the benefit equals the Service Retirement Benefit
- Accidental: 75% of FAS
- ➤ Heart Presumption: Heart ailment presumed accidental; member eligible for benefit of 75% of FAS
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary: Need more than 90 days of service; benefit equal to three years' salary lump sum, plus Accumulated Deductions
- Accidental: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of the death benefit in force at time of separation from service
- Heart Presumption: Death due to heart ailment presumed accidental; accidental death benefit payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met



# UNIFORMED SANITATION 20-YEAR RETIREMENT PLAN (SA-20)

### SERVICE RETIREMENT

- ► May retire after 20 years of Allowable Sanitation Service, without regard to age
- The Service Retirement Benefit is:
  - ▹ For the first 20 years of Allowable Sanitation Service: 50% of Final Average Salary (FAS)
  - For all years of Allowable Sanitation Service in excess of the first 20: 1.5% of Final Compensation x years of such service; plus
  - For each year of Credited Service, other than Allowable Sanitation Service: 1% of Final Compensation
  - Benefit limited to 30 years

### **VESTED RETIREMENT**

- Must have five or more years of Allowable Sanitation Service but less than 20
- Payability Date: The date you would have reached 20 years if you had not discontinued service
- Vested Benefit: For each year of Allowable Sanitation Service: 2.5% of FAS; plus
- For each year of Credited Service other than Allowable Sanitation Service: 1% of Final Compensation

### DISABILITY RETIREMENT

- ➤ Ordinary Disability: Must have ten or more years of Credited Service: Benefit equals the greater of 1/3 of FAS or 1.67% x each year of Credited Service
- If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Accidental Disability: Disabled because of a natural or proximate result of an accident sustained on-the-job; benefit equal to 75% of FAS
- ▶ Heart Presumption: Heart ailment presumed accidental; member eligible for benefit of 75% of FAS
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit: Need at least 90 days of service; benefit equal to three years' salary lump sum, plus Accumulated Deductions - basic and additional
- Accidental Death Benefit: 50% of salary payable
- ▶ Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Heart Presumption: Heart ailment presumed accidental; 50% of salary payable
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# TRANSIT 25 - YEAR / AGE - 55 RETIREMENT PLAN (T2555)

### SERVICE RETIREMENT

- ► May retire at age 55 with credit for 25 or more years of Allowable Service in the Transit Authority
- The Service Retirement Benefit is:
  - ▶ For the first 25 years of Allowable Service in the Transit Authority, 50% of Final Average Salary (FAS), plus
  - ▶ For each additional year beyond the first 25 (to a maximum of 30 years of such service), 2% of FAS, plus
  - $\blacktriangleright$  For each additional year in excess of 30 years of such service, 11/2% of FAS

### VESTED RETIREMENT

- ➤ A Participant with at least 25 years of Allowable Service, but has not attained age 55, is eligible for a Vested Retirement Benefit which becomes payable on his or her 55th birthday and calculated the same as the Service Retirement Benefit
- A participant with at least five years of Allowable or Credited Service, but less than 25, can vest under the Basic 62/5 Plan

### DISABILITY RETIREMENT

- Eligibility: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions. Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

TIER 4

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# TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY 20 -YEAR / AGE - 50 RETIREMENT PLAN (TBTA-20/50)

### SERVICE RETIREMENT

- ► May retire with 20 or more years of Credited Service and as early as age 50
- The Service Retirement Benefit is:
  - ▶ 50% of your Final Average Salary (FAS) for the first 20 years of Credited Service, plus
  - ▶ 1.5% of your FAS for each year of Credited Service in excess of 20
  - Benefit limited to 30 years

### VESTED RETIREMENT

- Must have at least five years but less than 20 years of Credited Service
- Payable on the earliest date the member could have retired for service
- ▶ 2.5% of your FAS for each year of Credited Service

### DISABILITY RETIREMENT

- Eligiblity: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met
- ➤ A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order

# DISPATCHER 25 - YEAR RETIREMENT PLAN (DIS-25)

### SERVICE RETIREMENT

- May retire for service with 25 or more years of Allowable Service as a Dispatcher Member, regardless of age
- > The Service Retirement Benefit is:
  - ▶ 50% of your Final Average Salary (FAS) for the first 25 years of Allowable Service, plus
  - ▶ 2% of your FAS for each year of Allowable Service in excess of 25
  - Benefit limited to 30 years

### VESTED RETIREMENT

- Must have at least five years but less than 25 years of Allowable Service
- Payable on the date the member would have completed 25 years of Allowable Service
- > 2% of your FAS for each year of Allowable Service

### DISABILITY RETIREMENT

- Eligiblity: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions – basic and additional (if less than 15 years of service.) Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met



# EMERGENCY MEDICAL TECHNICIAN 25-YEAR RETIREMENT PLAN (EMT-25)

### SERVICE RETIREMENT

- Participants may retire for service with 25 or more years of Allowable Service as an EMT Member, regardless of age
- The Service Retirement Benefit is:
  - ▶ 50% of your Final Average Salary (FAS) for the first 25 years of Allowable Service, plus
  - 2% of your FAS for each year of Allowable Service in excess of 25
  - Benefit limited to 30 years

### VESTED RETIREMENT

- Must have at least five years but less than 25 years of Allowable Service
- Payable on the date the member would have completed 25 years of Allowable Service
- > 2% of your FAS for each year of Allowable Service

### DISABILITY RETIREMENT

- ➤ Ordinary Disability: Must have ten or more years of Credited Service; Benefit equals the greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Line-of-Duty Disability: Disabled because of an injury sustained in the performance of duty; benefit equal to 75% of FAS
- Heart Presumption: Heart ailment presumed line-of-duty; benefit equals 75% of FAS
- ► HAT Presumption: HIV, tuberculosis or hepatitis resulting in disability presumed line-of-duty; benefit equals 75% of FAS
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- ➤ An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions – basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Heart Presumption: Heart ailment presumed accidental; 50% of salary payable
- A special accidental death benefit is also paid to certain beneficiaries defined in law based upon a priority order
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# NYC DEPUTY SHERIFFS 25 - YEAR RETIREMENT PLAN (DSH25)

### SERVICE RETIREMENT

- ► May retire if they have credit for 25 or more years of Credited Service, without regard to age
- The Service Retirement Benefit is:
  - For the first 25 years of Credited Service: 55% of Final Average Salary (FAS), plus
  - ▶ 1.7% of FAS for each year of Credited Service in excess of 25
  - Benefit limited to 30 years

### VESTED RETIREMENT

- Must have at least five, but less than 25 years of Credited Service
- Payable on the date the Participant would have completed 25 years of Credited Service
- > 2.2% of your FAS for each year of Credited Service

### **DISABILITY RETIREMENT**

- Ordinary Disability: Must have ten or more years of Credited Service and are deemed physically or mentally incapacitated
- Ordinary Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Accidental Disability: Disabled because of a natural or proximate result of an accident sustained on-the-job; benefit equal to 75% of Final Compensation
- ➤ Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions - basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- ➤ Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

TIER 4

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# AUTOMOTIVE SERVICE WORKERS 25 - YEAR / AGE -50 RETIREMENT PLAN (AUT-25)

### SERVICE RETIREMENT

- ► May retire for service with 25 or more years of Credited Service, at age 50
- The Service Retirement Benefit is:
  - ▶ 50% of Final Average Salary (FAS) for the first 25 years of Credited Service, plus
  - An additional 2% of FAS for each year in excess of 25
  - Benefit limited to 30 years

### VESTED RETIREMENT

- Must have at least five but less than 25 years of Credited Service
- Payable on the date the member reaches at least age 50 AND would have completed 25 years of Credited Service
- > 2% of your FAS for each year of Credited Service

### DISABILITY RETIREMENT

- Eligibility: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum;
   3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions - basic and additional (if less than five years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

# SPECIAL OFFICER 25 - YEAR RETIREMENT PLAN (SPO-25)

### SERVICE RETIREMENT

- May retire for service with 25 or more years of Allowable Service as a Special Officer, regardless of age
- The Service Retirement Benefit is:
  - ▶ 50% of your Final Average Salary (FAS) for the first 25 years of Allowable Service, plus
  - ▶ 2% of your FAS for each year of Allowable Service in excess of 25
  - Benefit limited to 30 years

### VESTED RETIREMENT

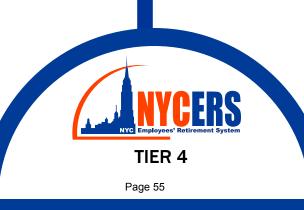
- Must have at least five years but less than 25 years of Allowable Service
- Payable on the date the member would have completed 25 years of Allowable Service
- > 2% of your FAS for each year of Allowable Service

### DISABILITY RETIREMENT

- Eligiblity: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### DEATH BENEFITS

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-the-job) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions - basic and additional (if less than 15 years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met



# POLICE COMMUNICATIONS (911) TECHNICIANS 25 YEAR RETIREMENT PLAN (PCT 25)

### SERVICE RETIREMENT

- ► May retire for service with 25 or more years of Credited Service, regardless of age
- The Service Retirement Benefit is:
  - 50% of your Final Average Salary (FAS) for the first 25 years of Credited Service, plus
  - ▶ 2% of your FAS for each year of Credited Service in excess of 25
  - Benefit limited to 30 years

### VESTED RETIREMENT

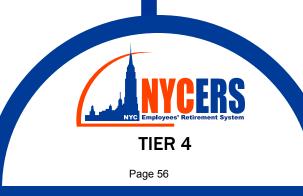
- Must have at least five years but less than 25 years of Credited Service
- Payable on the date the member would have completed 25 years of Credited Service
- > 2% of your FAS for each year of Credited Service

### DISABILITY RETIREMENT

- Eligiblity: Must have ten or more years of Credited Service, unless disability resulted from an accident sustained on-the-job
- Disability Retirement Benefit: The greater of 1/3 of FAS or 1.67% x each year of Credited Service x FAS
- ► If eligible for Service Retirement, the benefit equals the Service Retirement Benefit if greater than above
- Members may file for disability benefits in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met

### **DEATH BENEFITS**

- An Ordinary Death Benefit (need not have been on-the-job) payable to a Designated Beneficiary(ies) (member's designation)
- An Accidental Death Benefit (resulted from an accident on-thejob) payable to an Eligible Beneficiary(ies) (defined in law)
- Ordinary Death Benefit (Plan 2): 1-2 years of service = 1 year salary lump sum; 2-3 years of service = 2 years' salary lump sum; 3 or more years of service = 3 years' salary lump sum, plus a return of Accumulated Deductions - basic and additional (if less than five years of service). Retirees are eligible for a Post-Retirement Death Benefit.
- Accidental Death Benefit: 50% of salary payable
- Death Benefit for Vested Members: Need at least 10 years of Credited Service; 50% of death benefit in force at time of separation from service
- Eligible Beneficiaries may file for accidental death benefits if member's death deemed in connection with the World Trade Center tragedy on 9/11/01 provided certain criteria is met



# **TIER 4 OPTIONS**

# SELECTION OF BENEFITS WITHOUT OPTIONAL MODIFICATION (MAXIMUM RETIREMENT ALLOWANCE)

If a member, upon retirement, does not elect one of the options listed below, his or her benefit will be paid as a Maximum Retirement Allowance payable in monthly installments throughout his or her life, with all payments ceasing at death.

# Option 1: 100% Joint-And-Survivor

The pensioner receives a reduced monthly lifetime allowance. When the pensioner dies, the surviving beneficiary receives the same reduced monthly allowance for life. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

# **OPTION 2: OTHER JOINT-AND-SURVIVOR**

The pensioner receives a reduced monthly lifetime allowance. When the pensioner dies, the surviving beneficiary receives a lifetime benefit of 25%, 50% or 75% of the pensioner's reduced monthly benefit, depending on the pensioner's choice. Only one beneficiary may be named, and the beneficiary may not be changed once named and the option is in effect.

# OPTION 3: FIVE-YEAR CERTAIN

The pensioner receives a reduced monthly lifetime benefit. If the pensioner dies within five years from the date of retirement, the reduced monthly retirement benefit will be paid to the surviving designated beneficiary(ies) for the unexpired balance of the five-year period. If the pensioner's designated beneficiary predeceases the pensioner, the balance of the payments due for the unexpired balance of the five-year period is paid in a lump-sum to the pensioner's contingent beneficiary (ies) or, if none exists, to the estate of the pensioner. Should a designated primary beneficiary also die, after having started to receive payments, the balance will be paid in a lump-sum to the designated contingent beneficiary(ies). If none exists, the lump-sum balance is paid to the estate of the primary beneficiary.

# **OPTION 4:**

# **TEN-YEAR CERTAIN**

The pensioner receives a reduced monthly lifetime benefit. If the pensioner dies within 10 years from the date of retirement, the reduced monthly retirement benefit will be paid to the surviving designated beneficiary(ies) for the unexpired balance of the ten-year period. If the pensioner's designated beneficiary predeceases the pensioner, the balance of the payments due for the unexpired balance of the ten-year period is paid in a lump-sum to the pensioner's contingent beneficiary(ies) or, if none exists, to the estate of the pensioner. Should a designated primary beneficiary die before the unexpired balance of the ten-year period, the balance of the payments

for the unexpired balance of the ten-year period is paid in a lump-sum to the designated contingent beneficiary(ies) or, if none exists, to the estate of the primary beneficiary.

Members who retire on or after November 21, 1992 are eligible to elect Option 5, the *Pop-Up* Option.

# OPTION 5: POP-UP OPTION

The Pop-Up Option is a variation of a joint-and-survivor option. The pensioner receives a reduced monthly lifetime benefit under a 100%, or 50% joint-and-survivor option. If the beneficiary dies before the pensioner, the pensioner's benefit "pops-up," that is, it automatically becomes the Maximum Retirement Allowance.

# LEGISLATION (July 01, 2009 - June 30, 2010)

# Laws of 2009 (enacted between July 01, 2009 and December 31, 2009)

# Chapter 211 of the Laws of 2009

Chapter 211 of the Laws of 2009 extends the actuarial interest rate of 8% for one year (expires June 30, 2010). The law also extends the "special" and "additional" interest rates used to credit the contributions and Increased-Take-Home-Pay (ITHP) Reserves for Tier 1 and 2 members for one year (expires June 30, 2010). Such interest rates equal 1.25% and, when added to the regular rate of interest of 7%, bring the total interest rate used to credit Tier 1 and 2 members' accounts to 8.25%.

Chapter 211 was signed by the Governor on July 11, 2009 and shall be deemed to have been in full force and effect on and after July 1, 2009.

# Chapter 305 of the Laws of 2009

Chapter 305 of the Laws of 2009 increases the special accidental death benefit payable under Section 208-f of the NYS General Municipal Law by 3%. The beneficiaries of the following NYCERS members are covered: Correction Officers, Housing and Transit Police, Emergency Medical Technicians and Triborough Bridge and Tunnel Authority (TBTA) members. The benefit is payable to the widow or widower, or the children of the deceased (under age 18 years of age or under 23 if the child is a student) if the widow or widower is deceased.

Chapter 305 was signed by the Governor on August 11, 2009 and takes effect on July 1, 2009.

# Chapter 461 of the Laws of 2009

Chapter 461 of the Laws of 2009 amends Section 607-b of the Retirement and Social Security Law (RSSL), a performance of duty disability retirement statute for Tier 3 Emergency Medical Technicians (EMTs), by removing a cross-reference to a subdivision c of RSSL §605. As a result of the enactment of Chapter 461, EMTs who retired under RSSL §607-b can earn an unlimited amount of income from private sector employment. EMTs who retired under RSSL §607-b and who accept employment with a public agency in New York City or New York State (or locality within New York State) can earn no more than \$1800 in a calendar year, including and pension earned.

Chapter 461 takes effect immediately and is deemed to have been in full force and effect on and after January 01, 2009.

# Laws of 2010 (enacted between January 1, 2010 and June 30, 2010)

# Chapter 105 of the Laws of 2010

Signed into law by the Governor on June 2, 2010, this law authorizes the City of New York and participating employers to offer an Early Retirement Incentive to certain public employees. In order to participate in the ERI, employers must opt in by enactment of a local law or adoption of a board resolution as appropriate.

The 2010 is a two-part offering Part A and Part B. In general, eligibility for Part A is determined by employers targeting positions based on criteria including, but not limited to, the impact on public health and safety and seniority (except college faculty). Part B does not require such targeting but rather that a minimum age and service threshold is met. However, a person may be denied participation in Part B if his or her employer determines that he or she holds a position deemed critical to the maintenance of public health and safety.

Both Part A and Part B require that members meet active service requirements, filing requirements and minimum age and service thresholds. Eligible members retiring under Part A receive additional service credit, but may be subject to benefit reductions based on retirement plan and age. Eligible members retiring under Part B do not receive additional service credit, but may retire without a benefit reduction.

The benefits of Part A and Part B cannot be combined. Where an individual is eligible for Part A and Part B, he or she shall elect the part in which he or she would like to participate.



# PART 2 FINANCIAL SECTION

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Deloitte & Touche LLP Two World Financial Center New York, NY 10281-1414 USA

Tel: +1 212 436 2000 Fax: +1 212 436 5000 www.deloitte.com

### **INDEPENDENT AUDITORS' REPORT**

To the Board of Trustees of the New York City Employees' Retirement System

We have audited the accompanying statements of plan net assets of the New York City Employees' Retirement System (the "Plan") as of June 30, 2010 and 2009, and the related statements of changes in plan net assets for the years then ended. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such financial statements present fairly, in all material respects, the net assets of the Plan as of June 30, 2010 and 2009, and the changes in plan net assets for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Management's Discussion and Analysis and the supplemental schedules, Schedule 1, Schedule 2, and Schedule 3, listed in the table of contents are not a required part of the financial statements, but are supplementary information required by the Governmental Accounting Standards Board ("GASB"). This supplementary information is the responsibility of Plan Management. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of such required supplementary information. However, we did not audit this information and express no opinion on it.

Our audit was conducted for the purpose of forming an opinion on the basic financial statements of the Plan. The accompanying additional supplementary information as listed in the accompanying table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements. This additional supplementary information is also the responsibility of management. The additional supplementary information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

The Introductory, Investment, Actuarial, Statistical Sections and Schedule 4- Funded Status Based on Entry Age Actuarial Cost Method within the Financial Section are presented for the purpose of additional analysis and are not a required part of the basic financial statements of the Plan. This supplementary information is also the responsibility of Plan management. Such supplementary information has not been subjected to the auditing procedures applied in our audit of the basic financial statements and, accordingly, we express no opinion on it.

Deloitte + Touche LLA

October 27, 2010

# NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

### MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED) JUNE 30, 2010 AND 2009

This narrative discussion and analysis of New York City Employees' Retirement System's (NYCERS or the "Plan") financial performance provides an overview of the Plan's financial activities for the fiscal years ended June 30, 2010 and 2009. It is meant to assist the reader in understanding NYCERS' financial statements by providing an overall review of the financial activities during the three years and the effects of significant changes, as well as a comparison with the prior year's activity and results. This discussion and analysis is intended to be read in conjunction with the Plan's financial statements.

### **OVERVIEW OF BASIC FINANCIAL STATEMENTS**

The following discussion and analysis are intended to serve as an introduction to the Plan's basic financial statements. The basic financial statements are:

- The Statement of Plan Net Assets presents the financial position of the Plan at fiscal year end. It indicates the assets available for payment of future benefits and any current liabilities that are owed as of the statement date. Investments are shown at fair value. All other assets and liabilities are determined on an accrual basis.
- The Statement of Changes in Plan Net Assets presents the results of activities during the year. All changes affecting the assets and liabilities of the Plan are reflected on an accrual basis when the activity occurred, regardless of the timing of the related cash flows. In that regard, changes in the fair values of investments are included in the year's activity as net appreciation (depreciation) in fair value of investments.
- The Notes to Financial Statements provide additional information that is essential to a full understanding of the data provided in the financial statements. The notes present information about the Plan's accounting policies, significant account balances and activities, material risks, obligations, contingencies, and subsequent events, if any.

**Other information** — as required by the Governmental Accounting Standards Board (GASB) is presented after the Notes to the Financial Statements.

The financial statements are prepared in accordance with GASB Pronouncements.

**Financial Highlights** — NYCERS' net assets held in trust for benefits have increased by \$3.5 billion (11%) from \$31.9 billion at June 30, 2009 to \$35.4 billion at June 30, 2010. The main reason for the increase was the increase in value of the Plan's investments, both equity and fixed income.

NYCERS' net assets held in trust for benefits have decreased by \$7.8 billion (20%) from \$39.7 billion as of June 30, 2008 to \$31.9 billion at June 30, 2009. Decrease in value of the Plan's equity holdings, both domestic and international, was the main reason contributing to the decrease.

### Plan Net Assets June 30, 2010, 2009 and 2008 (In thousands)

(	2010	2009	2008
Cash	\$ 2,59	91 \$ 8,716	\$ 6,124
Receivables for investment securities sold	1,021,72	1,257,523	1,037,583
Receivables for member loans	939,69	98 880,512	828,779
Receivables for accrued earnings	229,82	23 230,180	246,581
Investments at fair value	35,957,40	52 31,648,824	39,756,094
Securities lending collateral	2,917,10	54 3,169,504	5,502,755
Other assets	35,55	51 281,718	240,002
Total assets	41,104,0	12 37,476,977	47,617,918
Accounts payable	126,24	46 98,390	105,530
Payables for investment securities purchased	2,464,73	32 2,070,982	2,059,698
Accrued benefits payable	197,53	38 220,038	218,272
Amount due to Variable Supplements Funds	4,15	56 4,241	4,243
Due to other retirement systems	38	80 403	589
Payables for securities lending transactions	2,927,10	3,179,507	5,512,760
Total Liabilities	5,720,2	18 5,573,561	7,901,092
Plan net assets held in trust for pension benefits	\$ 35,383,79	94 <u>\$ 31,903,416</u>	\$ 39,716,826

The cash balances of \$2.6 million on June 30, 2010 and \$8.7 million on June 30, 2009 are relatively small since the Plan's practice is to fully invest its cash balances in most of its bank accounts on a daily basis. A typical benefit payment account would show an overdrawn balance, since funds are deposited as outstanding benefit checks are presented to the banks for payments each day. These overdrawn balances made up the main component of accounts payable.

Receivables for investment securities sold amounted to \$1.0 billion as of June 30, 2010, a decrease of \$236 million (19%) from \$1.3 billion at June 30, 2009, which was an increase of \$220 million (21%) from \$1.0 billion at June 30, 2008. Although trades typically do not settle until a few days after trade dates, sales of investment securities are reflected on trade dates. These receivables are the result of those timing differences, and are, therefore, of no significance.

The receivable for member loans increased \$59 million (7%), from \$881 million at June 30, 2009 to \$940 million at June 30, 2010. The number of new loans issued increased by 3,587 (7%), from 49,336 loans issued during fiscal year 2009 to 52,923 loans issued during fiscal year 2010. In addition to the increased volume of loans, the amount of the average loan has increased.

The receivable for member loans increased \$52 million (6%), from \$829 million at June 30, 2008 to \$881 million at June 30, 2009. The number of additional loans increased by 3,454 (8%), from 45,882 loans issued during fiscal year 2008 to 49,336 loans issued during fiscal year 2009.

Fair value of investments at June 30, 2010 was \$38.9 billion, an increase of \$4.1 billion (12%) from the June 30, 2009 investment value of \$34.8 billion. This was primarily the result of increases in the value of domestic and international equity holdings, as well as fixed income and private equity investments.

Fair value of investments at June 30, 2009 was \$34.8 billion, a decrease of \$10.5 billion (23%) from the June 30, 2008 investment value of \$45.3 billion. This was primarily the result of declines in both the domestic and international equity markets.

Other Assets decreased \$246 million from \$282 million in fiscal year 2009 to \$36 million in fiscal year 2010. The decrease was primarily due to MTA-NYC Transit paying its employer contributions by June 30, thereby avoiding NYCERS having a receivable from them at year-end.

Other Assets increased \$42 million from \$240 million in fiscal year 2008 to \$282 million in fiscal year 2009. The increase was primarily due to a receivable of employer contributions due from MTA-NYC Transit having increased from \$230 million at June 30, 2008 to \$275 million at June 30, 2009. The \$275 million payment was received on July 1, 2009.

Payables for investment securities purchased amounted to \$2.5 billion as of June 30, 2010, an increase of \$394 million (19%) from \$2.1 billion at June 30, 2009, which was an increase of \$11 million (0.5%) from \$2.1 billion at June 30, 2008. Although trades typically do not settle until a few days after trade dates, purchases of investment securities are reflected on trade dates. These payables are the result of those timing differences, and are, therefore, of no significance.

Accrued benefits payable at June 30, 2010 decreased \$22 million (10%), from \$220 million at June 30, 2009 to \$198 million at June 30, 2010. The decrease in liabilities was comprised of, in order of magnitude: fewer pending death benefits, a much smaller inventory of pending pension revisions, and a decreased inventory of refunds payable to certain Transit Workers.

Accrued benefits payable at June 30, 2009 was virtually unchanged from that of June 30, 2008.

### Changes in Plan Net Assets

(In thousands)

(		2010		2009		2008
Additions:						
Member contributions	\$	398,964	\$	382,356	\$	366,144
Employer contributions		2,197,717		2,150,495		1,874,242
Investment earnings:						
Interest and dividend income		1,062,755		1,181,548		1,293,415
Net appreciation (depreciation) in fair value of investments		3,411,929		(8,126,304)		(3,111,023)
Net securities lending income		19,387		46,757		49,259
Investment expenses		(175,261)		(138,152)		(115,320)
Net investment income/(loss)		4,318,810		(7,036,151)		(1,883,669)
Other income		4,696		3,709		3,096
Total additions		6 0 20 1 9 7		(4 400 501)		250 912
		6,920,187		(4,499,591)		359,813
Deductions:						
Benefits payments and withdrawals		3,378,423		3,252,075		3,096,632
Payments to other retirement systems		3,274		4,433		5,129
Transfers due to Variable Supplements Funds		8,436		8,489		8,556
Administrative expenses		49,676		48,822		46,999
Total deductions		3,439,809		3,313,819		3,157,316
	¢	2 400 270	¢	(7.012.410)	¢	(2 707 502)
Net increase/(decrease)	\$	3,480,378	\$	(7,813,410)	\$	(2,797,503)

Employer contributions increased only \$47 million, (2%), staying at \$2.2 billion in both fiscal years 2010 and 2009.

Employer contributions increased \$276 million (15%), from \$1.9 billion in fiscal year 2008 to \$2.2 billion in fiscal year 2009, primarily as a result of changes in actuarial assumptions and methodology that became effective in fiscal year 2007.

Net investment income gain for the fiscal year ended June 30, 2010 totaled \$4.3 billion, compared to a loss of (\$7.0) billion in fiscal year 2009. This \$11.3 billion increase in investment gains was the result of investment appreciation on a broad scale. In order of magnitude, were the categories of domestic equities, fixed income, private equity, and international equities.

Net investment loss for the fiscal year ended June 30, 2009 totaled (\$7.0) billion, compared to a loss of (\$1.9) billion in fiscal year 2008. This \$5.1 billion increase in investment losses was the result of investment depreciation, primarily in domestic and international equities.

Investment expenses for fiscal year 2010 were \$175 million, compared to \$138 million in fiscal year 2009. The 27% increase was primarily due to increased investments in the Private Equity and Private Real Estate sectors.

Investment expenses for fiscal year 2009 were \$138 million, compared to \$115 million in fiscal year 2008. The 20% increase was primarily due to increased investments in the Private Equity and Private Real Estate sectors.

Benefit payments and withdrawals for the fiscal year ended June 30, 2010 totaled \$3.4 billion, a \$126 million (4%) increase from the \$3.3 billion of fiscal year 2009. The increase is due to an increase in the number of retirees and their corresponding higher average retirement allowances, as well as an increased number of lump sum death benefit payments.

Benefit payments and withdrawals for the fiscal year ended June 30, 2009 totaled \$3.3 billion, a \$155 million (5%) increase from the \$3.1 billion of fiscal year 2008. The increase is due to an increase in the number of retirees and their corresponding higher average retirement allowances.

Administrative expenses increased \$854 thousand (2%), the smallest percentage increase in several years, from \$48.8 million in fiscal year 2009 to \$49.7 million in fiscal year 2010. NYCERS' participating employers have all faced financial constraints due to the economic conditions of the last few years. Because of that, NYCERS has strived to keep increased expenses to a minimum.

Administrative expenses increased \$1.8 million (5%) from \$47 million in fiscal year 2008 to \$48.8 million in fiscal year 2009. The increase is due to contractual pay increases that became payable during 2009.

Investments — The table below summarizes the NYCERS investment allocation.

### Investment Summary June 30, 2010, 2009, and 2008 (In thousands)

Type of investment (Fair value)	2010		2009		2008	
Short-term investments	\$	1,999,909	\$	558,291	\$	892,860
U.S. Government securities		3,856,267		4,476,801		5,214,593
U.S. Corporate securities		4,538,433		4,671,586		5,317,742
Yankee bonds		60,160		118,359		166,408
U.S. equity securities		14,865,897		12,759,517		16,685,061
International equity investment fund		5,259,017		4,693,843		7,078,803
Private equity		4,122,908		3,263,259		2,884,600
Domestic equity mutual fund		74,391		65,657		91,572
Mortgage mutual fund		216,159		163,022		149,123
Promissory notes		19,012		18,197		20,171
Treasury Inflation Protected securities mutual fund		945,309		860,269		1,255,161
Fixed Income mutual fund		-		23		-
Securities lending collateral		2,917,164		3,169,504		5,502,755
Total	\$	38,874,626	\$	34,818,328	\$	45,258,849

**Investment Performance** — Investment performance results for fiscal year 2010 were generally consistent with related benchmarks. Domestic equities returned 16.33%, which exceeded the Russell 3000 benchmark of 15.72%. International equity holdings returned 12.30%, exceeding the MSCI World index of 10.77%. Domestic fixed income securities returned 14.75%, exceeding the NYC Core Plus Five Index of 10.49%.

**Contact information** — This financial report is designed to provide a general overview of the New York City Employees' Retirement System's finances. Questions concerning any data provided in this report or requests for additional information should be directed to John D. Hartman, Deputy Director of Finance, New York City Employees' Retirement System, 335 Adams Street, Suite 2300, Brooklyn, NY 11201-3724.

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# NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

# STATEMENTS OF PLAN NET ASSETS JUNE 30, 2010 AND 2009 (In thousands)

		2010	2009		
ASSETS: Cash	<u>\$</u>	2,591	<u>\$</u>	8,716	
Receivables:					
Investment securities sold		1,021,723		1,257,523	
Member loans		939,698		880,512	
Accrued interest and dividends		229,823		230,180	
Total receivables		2,191,244		2,368,215	
INVESTMENTS — At fair value (Notes 2 and 3): Short-term investments:					
U.S. treasury bills		306,102		13,199	
Commercial paper		695,190		203,132	
Short-term investment fund		921,049		341,960	
U.S. government agency discount notes Debt securities:		77,568		-	
U.S. government		3,856,267		4,476,801	
Corporate		4,538,433		4,671,586	
Yankee bonds		60,160		118,359	
Private equity		4,122,908		3,263,259	
Equities — domestic Mutual funds:		14,865,897		12,759,517	
International equity		5,259,017		4,693,843	
Domestic equity		74,391		65,657	
Mortgages		216,159		163,022	
Treasury inflation protected securities		945,309		860,269	
Fixed income		-		23	
Promissory notes		19,012		18,197	
Collateral from securities lending		2,917,164		3,169,504	
Total investments		38,874,626		34,818,328	
OTHER ASSETS		35,551		281,718	
Total assets		41,104,012		37,476,977	
LIABILITIES:					
Accounts payable		126,246		98,390	
Payables for investment securities purchased		2,464,732		2,070,982	
Accrued benefits payable (Note 2)		197,538		220,038	
Amount due to Variable Supplements Funds		4,156		4,241	
Due to other retirement systems		380		403	
Securities lending (Note 2)		2,927,166		3,179,507	
Total liabilities		5,720,218		5,573,561	
PLAN NET ASSETS HELD IN TRUST FOR BENEFITS	\$	35,383,794	\$	31,903,416	
(A schedule of funding progress for the Plan is presented on Schedule 1)					

See notes to financial statements.

# NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

# STATEMENTS OF CHANGES IN PLAN NET ASSETS YEARS ENDED JUNE 30, 2010 AND 2009 (In thousands)

	2010	2009
ADDITIONS: Contributions:		
Member contributions	\$ 398,964	\$ 382,356
Employer contributions	2,197,717	2,150,495
Total contributions	2,596,681	2,532,851
Investment income (Note 2):		
Interest income	572,698	690,300
Dividend income	490,057	491,248
Net appreciation/(depreciation) in fair value of investments	3,411,929	(8,126,304)
Total investment income/(loss)	4,474,684	(6,944,756)
Less: Investment expenses	175,261	138,152
Net income/(loss)	4,299,423	(7,082,908)
Securities lending transactions:		
Securities lending income	22,716	93,407
Less — securities lending fees	3,329	46,650
Less securities feituning fees		10,000
Net securities lending income	19,387	46,757
Net investment (loss) income	4,318,810	(7,036,151)
Other — other income	4,696	3,709
Total additions	6,920,187	(4,499,591)
DEDUCTIONS:		
Benefit payments and withdrawals (Note 1)	3,378,423	3,252,075
Payments to other retirement systems	3,274	4,433
Transfers due to Variable Supplements Funds	8,436	8,489
Administrative expenses	49,676	48,822
Total deductions	3,439,809	3,313,819
INCREASE/(DECREASE) IN PLAN NET ASSETS	3,480,378	(7,813,410)
PLAN NET ASSETS HELD IN TRUST FOR BENEFITS:		
Beginning of year	31,903,416	39,716,826
End of year	\$ 35,383,794	\$ 31,903,416
		_

See notes to financial statements.

# NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS YEARS ENDED JUNE 30, 2010 AND 2009

#### 1. PLAN DESCRIPTION

The City of New York ("The City") maintains a number of pension systems providing benefits for employees of its various agencies (as defined within New York State ("State") statutes and City laws). The City's five major actuarially-funded pension systems are the New York City Employees' Retirement System (the "Plan"), the Teachers' Retirement System of the City of New York — Qualified Pension Plan (TRS), the New York City Board of Education Retirement System — Qualified Pension Plan (BERS), the New York City Police Pension Fund (POLICE) and the New York City Fire Department Pension Fund (FIRE). Each pension system is a separate Public Employee Retirement System (PERS) with a separate oversight body and is financially independent of the others.

The Plan is a cost-sharing, multiple-employer PERS. The Plan provides a pension benefit for employees of The City and various related employers not covered by The City's four other main pension systems. The employers (collectively, the "Employer"), in addition to The City, principally include five authorities, four public benefit corporations, The City University of New York and the State. Substantially, all employees of The City not covered by one of the other four pension systems are covered by the Plan. Permanent employees become Plan members within six months of their employment and may elect to become members earlier. All other employees may become members at their option.

The Plan functions in accordance with existing State statutes and City laws. It combines features of a defined benefit pension plan with those of a defined contribution pension plan. Contributions are made by the Employer and the members.

In June 1991, the Governmental Accounting Standards Board (GASB) issued Statement No. 14, *The Financial Reporting Entity*. The definition of the reporting entity is based primarily on the notion of financial accountability. In determining financial accountability for legally separate organizations, the Plan considered whether its officials appoint a voting majority of an organization's governing body and is either able to impose its will on that organization or if there is a potential for the organization to provide specific financial benefits to, or to impose specific financial burdens on, the Plan. The Plan also considered whether there are organizations that are fiscally dependent on it. It was determined that there are no component units of the Plan.

The Plan is included in the Pension and Other Employee Benefit Trust Funds section of The City's Comprehensive Annual Financial Report (CAFR).

At June 30, 2008 and 2007, the dates of the Plan's most recent actuarial valuations, the Plan's membership consisted of:

	2008	2007
Retirees and beneficiaries receiving benefits Terminated vested members not yet receiving benefits Other inactives *	130,664 8,774 24,265	129,281 7,896 29,753
Active members receiving salary	183,654	180,482
Total	347,357	347,412

\* Represents members who are no longer on payroll but not otherwise classified.

Under the One-Year Lag Methodology (OYLM) in effect for fiscal years beginning 2006, the actuarial valuation determines the Employer Contribution for the second following fiscal year. June 30, 2008 and 2007 are the dates used for calculating fiscal years 2010 and 2009 Employer Contributions, respectively.

The Plan provides three main types of retirement benefits: service retirements, ordinary disability retirements (non-job-related disabilities) and accident disability retirements (job-related disabilities) to members who are in different "Tiers." The members' Tier is generally determined by the date of membership in the Plan.

The service retirement benefits provided by the Plan for employees who joined before July 1, 1973 ("Tier 1"), fall into four categories according to the level of benefits provided and the years of service required. Three of the four categories provide annual benefits of 50% to 55% of "final salary" (as defined within State statutes and City laws) after 20 or 25 years of service, with additional benefits equal to a specified percentage per year of service (currently 1.2% to 1.7%) of "final salary" payable for years in excess of the 20-year or 25-year minimum. These benefits are reduced on an actuarial basis for any loans with unpaid balances outstanding at the date of retirement. These benefits are increased, where applicable, by an annuity attributable to member contributions in excess of the required amount and by any benefits attributable to the Increased-Take-Home-Pay (ITHP) contributions accumulated after the 25th year of member's qualifying service. ITHP represents amounts contributed by The City in lieu of members' own contributions. These amounts reduce the contributions that members would have to make to the Plan during their service and thereby increase their take-home pay. Members have the choice of waiving their ITHP reduction, which would reduce their take-home pay but provide them with additional benefits upon retirement.

The fourth category has no minimum service requirement and instead provides an annual benefit for each year of service equal to a specified percentage (currently 0.7% to 1.53%) of "final salary."

The State Constitution provides that the pension rights of public employees are contractual and shall not be diminished or impaired. In 1973, 1976, and 1983, amendments made to the State Retirement and Social Security Law (RSSL) modified certain benefits for employees joining the Plan on or after the effective date of such amendments.

Members who joined after July 1, 1973 and before July 27, 1976 ("Tier 2"), have provisions similar to Tier 1, except that the eligibility for retirement and the salary base for benefits are different and there is a limitation on the maximum benefit. This maximum benefit limitation was subsequently eliminated under Chapter 574 of the Laws of 2000 for all Tier 2 members who retired after December 8, 2000.

Members who joined the Plan on or after July 27, 1976, and prior to September 1, 1983 ("Tier 3"), were mandated into Tier 4, but could elect to remain in Tier 3. Tier 3 requires member contributions of 3.0% of salary for a period not to exceed 30 years, has benefits reduced by one half of the primary Social Security benefit attributable to service with the Employer, and provides for an automatic annual cost of living escalator in pension benefits of not more than 3.0%. Effective October 1, 2000, these members are not required to make contributions after the 10th anniversary of their membership date or completion of ten years of credited service, whichever is earlier.

Members, who joined the Plan on or after September 1, 1983 ("Tier 4"), must make basic contributions of 3.0% of salary until termination of service. Effective October 1, 2000, these members, except for certain Transit Authority employees, are not required to make contributions after the 10th anniversary of their membership date or completion of ten years of credited service, whichever is earlier. Effective December 2000, certain Transit Authority members make basic contributions of 2.0% of salary in accordance with Chapter 10 of the Laws of 2000. Certain members also make additional member contributions. The annual benefit is 1.67% of "final average salary" per year of service for members with 20 to 30 years, plus 1.5% of "final average salary" per year of service in excess of 30 years.

The Plan also provides death benefits and certain retirees also receive supplemental benefits.

Subject to certain conditions, members generally become fully vested as to benefits upon the completion of 5 years of service.

During the Spring 2000 session, the State Legislature approved and the State Governor ("Governor") signed laws that provide automatic Cost-of-Living Adjustments (COLA) for certain retirees and beneficiaries (Chapter 125 of the Laws of 2000), additional service credits for certain Tier 1 and Tier 2 members and reduced member contributions for certain Tier 3 and Tier 4 members (Chapter 126 of the Laws of 2000).

Subsequent legislation, affecting members of Tiers 2, 3, and 4, has created various improved early retirement benefit programs under which eligible employees may elect to pay additional contributions. Members first employed after the effective date of such legislation are mandated into these programs.

# 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND PLAN ASSET MATTERS

**Basis of Accounting** — The Plan uses the accrual basis of accounting where the measurement focus is on the flow of economic resources. Revenues are recognized in the accounting period in which they are earned and expenses are recognized in the period incurred. Contributions from members are recognized when the employers make payroll deductions from Plan members. Employer contributions are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

**Investment Valuation** — Investments are reported at fair value. Securities purchased pursuant to agreements to resell are carried at the contract price, exclusive of interest, at which the securities will be resold. Fair value is defined as the closing market value on the last trading day of the period, except for the Short-Term Investment Fund (STIF, a money market fund), International Investment fund (IIF) and Alternative Investment funds (ALTINVF). The IIF are private funds of publicly traded securities which are managed by various investment managers on behalf of the Plan. Fair value is determined by Plan management based on information provided by the various investment managers. The investment managers determine fair value using the last available quoted price for each security owned, adjusted by any contributions to, or withdrawals from, the fund during the period. The ALTINVF are investments for which exchange quotations are not readily available and are valued at estimated fair value, as determined in good faith by the General Partner (GP). These investments are initially valued at cost with subsequent adjustments that reflect third party transactions, financial operating results, and other factors deemed relevant by the GP. Fair value is determined by plan management based on information provided by plan management based on information for the determined by plan management based on information for the fund.

Purchases and sales of securities are reflected on the trade date. Dividend income is recorded on the exdividend date. Interest income is recorded as earned on an accrual basis.

No investment in any one organization represents 5% or more of the plan net assets held in trust for pension benefits.

Income Taxes — Income earned by the Plan is not subject to Federal income tax.

Accounts Payable — Accounts payable is principally comprised of amounts owed to the Plan's banks for overdrawn bank balances. The Plan's practice is to fully invest the cash balances of most bank accounts on a daily basis. Overdrawn balances result primarily from outstanding benefit checks that are presented to the banks for payment on a daily basis and these balances are routinely settled each day.

**Securities Lending Transactions** — State statutes and Board policies permit the Plan to lend its investments to broker-dealers and other entities for collateral, with a simultaneous agreement to return the collateral for the same securities in the future. The Plan's custodian lends the following types of

securities: short-term securities, common stock, long-term corporate bonds, U.S. Government and U.S. Government agencies' bonds, asset-backed securities and international equities and bonds held in collective investment funds. In return, it receives collateral in the form of cash and U.S. Treasury and U.S. Government agency securities at 100 percent to 105 percent of the principal plus accrued interest for reinvestment. At June 30, 2010, management believes the Plan had no credit risk exposure to borrowers because the amounts the Plan owed the borrowers equaled or exceeded the amounts the borrowers owed the Plan. The contracts with the Plan custodian require borrowers to indemnify the Plan if the borrowers fail to return the securities and if the collateral is inadequate to replace the securities loaned or fail to pay the Plan for income distributions by the securities' issuers while the securities are on loan. All securities loans can be terminated on demand within a period specified in each agreement by either the Plan or the borrowers. Cash collateral is invested in the lending agents' short-term investment pools, which have a weighted average maturity of 90 days. As of June 30, 2010, the maturities of the securities loaned. As of June 30, 2010, the market value of securities on loan is \$3.1 billion. The underlying fixed income securities have an average maturity of 10 years.

During fiscal year 2003, the value of certain securities, which had been purchased with cash collateral, became impaired because of the credit failure of the issuer. Accordingly, the carrying amount of the collateral reported in the Plan's statement of plan net assets for fiscal year 2003 was reduced by \$30 million to reflect this impairment and reflect the net realizable value of the securities purchased with collateral from securities lending transactions. In the fiscal years 2004 to 2008, the Plan received \$20 million from distributions in bankruptcy proceedings from the defaulted issuer, as well as litigation settlements. The Plan has received \$2 thousand in fiscal year 2009, and no recoupment in fiscal year 2010.

The securities lending program in which the Plan participates only allows pledging or selling securities in the case of borrower default.

GASB Statement No. 28, Accounting and Financial Reporting for Securities Lending Transactions, requires that securities loaned as assets and related liabilities be reported in the statements of plan net assets. Cash received as collateral on securities lending transactions and investments made with that cash are reported as assets. Securities received as collateral are also reported as assets if the government entity has the ability to pledge or sell them without a borrower default. Accordingly, the Plan recorded the investments purchased with the cash collateral as collateral from securities lending with a corresponding liability for securities lending.

# 3. INVESTMENTS AND DEPOSITS

The Comptroller of The City of New York (the "Comptroller") acts as an investment advisor to the Plan. In addition, the Plan employs an independent investment consultant as an investment advisor. The Plan utilizes several investment managers to manage the long-term debt and equity portfolios. The managers are regularly reviewed, with regard to both their investment performance and their adherence to investment guidelines.

**Concentration of Credit Risk** — The legal requirements for Plan investments are as follows:

- a. Fixed income, equity and other investments may be made as permitted by New York State RSSL §§ 176-178(a) and Banking Law § 235, the New York City Administrative Code, and the Legal Investments for New York Savings Banks list as published by The New York State Banking Department, subject to Note 3(b).
- b. Investments up to 25% of total pension fund assets may be made in instruments not expressly permitted by the State RSSL.

Bank of New York Mellon (BNYM) is the primary custodian for substantially all of the securities of the Plan.

Cash deposits are insured by the Federal Deposit Insurance Corporation for up to \$250,000 per Plan member and are, therefore, fully insured.

**Credit Risk** — Portfolios other than U.S. Government and related portfolios have credit rating limitations. Investment Grade portfolios are limited to mostly ratings of BBB and above except that they are also permitted a 10% maximum exposure to BB & B rated securities. While non-investment grade managers are primarily invested in BB & B rated securities, they can also invest up to 7% of their portfolio in securities rated CCC. Non-rated securities are considered to be non-investment grade. The quality ratings of investments, by percentage of the rated portfolio, as described by nationally recognized statistical rating organizations, are as follows:

					S&P Qual	ity Rating	S			
Investment Type*	AAA	AA	Α	BBB	BB	в	CCC & Below	Short Term	Not Rated	Total
June 30, 2010										
U.S. Government Corporate bonds Yankee bonds Short-term:	2.12 0.20	- % 4.17 0.07	- % 13.14 0.25	- % 17.92 0.24	- % 12.30 0.03	- % 14.13	- % 4.24 -	- % - -	- % 5.04 0.01	- % 73.06 0.80
Commercial paper Certificates of deposit Pooled funds U.S. Treasuries U.S. Agencies			-		-		-	11.24 - -	- 14.90	11.24 .00 14.90
Percent of		<u> </u>								
rated portfolio	2.32 %	4.24 %	13.39 %	18.16 %	12.33 %	14.13 %	4.24 %	11.24 %	19.95 %	100.00 %
	AAA	AA	A	BBB	BB	в	CCC & Below	Short Term	Not Rated	Total
June 30, 2009										
U.S. Government Corporate bonds Yankee bonds Short-term:	- % 8.06 0.10	- % 3.56 0.28	- % 17.07 0.97	- % 20.51 0.77	- % 16.55 0.07	13.52 %	- % 2.90 -	- % - -	- % 5.42 0.03	- % 87.59 2.22
Commercial paper Certificates of deposit Pooled funds U.S. Treasuries		- - -	- - -	- - -	- - -	- - -	- - -	3.80 6.39	- - -	3.80 6.39
U.S. Agencies Percent of rated portfolio	<u>-</u> <u>8.16</u> %	<u>-</u> <u>3.84</u> %	<u>-</u> <u>18.04</u> %	<u></u> <u>21.28</u> %	<u>-</u> <u>16.62</u> %	<u> </u>	<u>-</u> <u>2.90</u> %		<u>-</u> <u>5.45</u> %	%

\* U.S. Treasury Bonds, Notes and Treasury-inflation protected securities are obligations of the U.S. government or explicitly guaranteed by the U.S. government and therefore not considered to have credit risk and are not included above.

**Custodial Credit Risk** — Deposits are exposed to custodial credit risk if they are uninsured and uncollateralized. Custodial credit risk is the risk that, in the event of a failure of the counterparty, the Plan will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the Plan and are held by either the counterparty or the counterparty's trust department or agent but not in the Plan's name.

Consistent with the Plan's investment policy, the investments are held by the Plan's custodian and registered in the Plan's name.

All of the Plan's deposits are insured and or collateralized by securities held by a financial institution separate from the Plan's depository financial institution.

All of the Plan's securities are held by the Plan's custodial bank in the Plan's name.

**Interest Rate Risk** — Interest rate risk is the risk that the fair value of investments could be adversely affected by the change in interest rates. Duration limits are used to control the portfolio's exposure to interest rate changes. Duration is limited to a range of 0 to .75 years. Duration range is a measure of the overall portfolio, while statements of the stated maturity reflect the specific maturities of the individual securities held. The lengths of investment maturities (in years), as shown by the percent of the rated portfolio, are as follows:

	Investment Maturities						
Years to Maturity Investment Type	Fair Value	Less Than One Year	One to Five Years	Six to Ten Years	More Than Ten Years		
June 30, 2010							
U.S. Government	37.20 %	0.16 %	0.91 %	6.71 %	29.42 %		
Corporate	43.20	1.34	12.75	16.85	12.26		
Yankee bonds	0.47	0.01	0.15	0.23	0.08		
Short term:							
Commercial paper	6.65	6.65	-	-	-		
Pooled funds	8.81	8.81	-	-	-		
Certificates of deposit	-	-	-	-	-		
US Agencies	3.67	3.67					
Percent of rated portfolio	<u>100.00</u> %	<u>20.64</u> %	<u>13.81</u> %	<u>23.79</u> %	<u>41.76</u> %		
	Fair Value	Less Than One Year	One to Five Years	Six to Ten Years	More Than Ten Years		
June 30, 2009							
U.S. Government	45.51 %	0.01 %	1.02 %	6.28 %	38.20 %		
Corporate	47.61	1.04	14.47	17.09	15.01		
Yankee bonds	1.21	0.01	0.21	0.45	0.54		
Short term:							
Commercial paper	2.07	2.07	-	-	-		
Pooled funds	3.48	3.48	-	-	-		
Certificates of deposit	0.12	0.12	-	-	-		
US Agencies							
Percent of rated portfolio	100.00 %	6.73 %	<u>15.70</u> %	23.82 %	<u>53.75</u> %		

ransactions:
E
ending
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Securi

Credit Risk — The quality ratings of investments held as collateral for Securities Lending are as follows:

Investment Type and Fair Value				0	S&P Quality Ratings	y Ratings				
of Securities Lending Transactions (In thousands)	ААА	AA	٨	BBB	BB	В	CCC & Below	Short Term	Not Rated	Total
June 30, 2010										
Government	, 66	•	، جو	ŝ	ŝ	ŝ	ŝ	، ج	, 9	
Corporate	490.729	625.739	229.364	, 1	, 1	103	, I	•	11.892	1.357.827
Yankee	<b>,</b> 1	<b>,</b> 1	<b>,</b> 1					,	<b>,</b> 1	, I ,
Short-term:										
Commercial paper	ı	I	53,984		,	,		ı	ı	53,984
Repurchase agreements		ı	21,196	ı	,	,		·		21,196
Reverse repurchase agreements		ı	. 1	ı				,	651,994	651,994
Certificates of deposit	·	220,099	444,732		,		,	ı	<b>,</b> 1	664,831
Master notes	ı	1	I		,	,		ı	396	396
U.S. Treasury	1,169	ı		ı	,	,	ı	·		1,169
U.S. Agencies	4,559	ı	,	ı				,	,	4,559
Time deposit	Ţ	ı	159,619	ı	,	,		·		159,619
Money Market			066	,	,	,		,	598	1 588
Uninvested				ı	,	ı	ı	·	1	1
Total	\$ 496,457	\$ 845,838	\$ 909,885	\$ '	۰ ک	\$ 103	-	۰ ج	\$ 664,881	\$ 2,917,164
Percent of securities lending portfolio	17.02 %	° 28.99 %	31.19 %	% - 0	% -	0.01 %	- %		% 22.79 %	100.00 %
	AAA	¥	۲	BBB	BB	ß	CCC & Below	Short Term	Not Rated	Total
June 30, 2009										
Government	\$ 50,043	\$	۰ ۶	\$-	\$-	\$-	\$-	•	۰ ۱	\$ 50,043
Corporate	692,143	191,129	870,560		179				13,746	1,767,757
Yankee		ı	ı	ı	·	ı	ı	ı	ı	ı
Short-term:										
Commercial paper	ı	I		ı				ı	ı	- 10.010
Repurchase agreements		ı	40,910	·				ı		40,910
Certificates of deposit — floaters		-	222,380					I	ı	222,380 600 ETE
Datuk HOUCS Other	- 3,634	427	162,512						- 241,260	407,833
Total	\$ 745,820	\$ 325,969	\$ 1,842,530	\$	\$ 179	\$	۔ ج	، ج	\$ 255,006	\$ 3,169,504
Percent of securities lending portfolio	23.53 %	6 10.28 %	58.13 %	% -	0.01 %	% -	% -	,	% 8.05 %	100.00 %
Jonation 10										

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*Interest Rate Risk* — The lengths of investment maturities (in years) of the collateral for Securities Lending are as follows:

Years to Maturity			Investment Matu	irities	
Investment Type	Fair	Less Than	One to Five	Six to Ten	More Than
(In thousands)	Value	One Year	Years	Years	Ten Years
June 30, 2010					
Government	\$ -	\$ -	\$ -	\$ -	\$ -
Corporate	1,357,827	740,367	617,460	-	-
Yankee	-	-	-	-	-
Short-term:					
Commercial paper	53,984	53,984	-	-	-
Repurchase agreements	21,196	21,196	-	-	-
Reverse repurchase agreements	651,994	651,994	-	-	-
Certificates of deposits	664,831	368,458	296,373	-	-
Master notes	396	396	-	-	-
U.S. Treasury	1,169	1,169	-	-	-
U.S. Agencies	4,559	4,559	-	-	-
Time deposit	159,619	159,619	-	-	-
Money Market	1,588	1,588	-	-	-
Uninvested	1	1			
Total	\$ 2,917,164	\$ 2,003,331	\$ 913,833	<u>\$ -</u>	<u>\$ -</u>
Percent of securities lending portfolio	100.00 %	68.67 %	31.33 %	- %	- %
	Fair Value	Less Than One Year	One to Five Years	Six to Ten Years	More Than Ten Years
June 30, 2009					
Government	\$ 50,043	\$ 50,043	\$ -	\$ -	\$ -
Corporate	1,767,757	1,156,180	611,577	_	-
Yankee	-	-	-	-	-
Short-term:					
Commercial paper	-	-	-	-	-
Repurchase agreements	40,910	40,910	-	-	-
Certificates of deposits	222,386	222,386	-	-	-
Bank notes	680,575	546,162	134,413	-	-
Other	407,833	407,833	-		
Total	\$ 3,169,504	\$ 2,423,514	<u>\$ 745,990</u>	<u>\$</u>	<u>\$</u>

# 4. DUE TO VARIABLE SUPPLEMENTS FUNDS (VSFS)

The Administrative Code of New York (ACNY) provides that the Plan maintains the Housing Police Superior Officers' Variable Supplements Fund (HPSOVSF), the Housing Police Officers' Variable Supplements Fund (TPSOVSF) and the Transit Police Officers' Variable Supplements Fund (TPSOVSF) and the Transit Police Officers' Variable Supplements Fund (TPOVSF). In addition, Chapter 657 of the Laws of 1999 established the Correction Officers' Variable Supplements Fund (COVSF) and the Correction Captains' and Above Variable Supplements Fund (CCAVSF). Chapter 255 of the Laws of 2000 (Chapter 255/00) combined the COVSF and the CCAVSF into an amended Correction Officers' Variable Supplements Fund (referred to herein as COVSF).

Excess earnings are defined as the amount by which earnings on equity investments of the Plan exceed what the earnings would have been had such funds been invested at a yield comparable to that available from fixed income securities, less any cumulative deficiencies of prior years' excess earnings that fell below the yield of fixed income investments. The ACNY further provides that the Plan transfer to the VSFs certain excess earnings on equity investments of the Plan, if any.

Due to the merging of Housing Police and Transit Police into The City's Police Department, there are no active members of the Housing Police and Transit Police; therefore, excess earnings on equity investments from the Plan, if any, are not expected to be transferred to the Housing and Transit Police VSFs.

However, with the passage of Chapter 255/00, the Plan is required to transfer assets to the Housing and Transit Police VSFs whenever the assets of these VSFs are not sufficient to pay benefits. No such transfer of assets was required on account of benefits payable for fiscal years 2010 and 2009 to the TPOVSF. With respect to the benefits payable from HPSOVSF, for fiscal years 2010 and 2009, the Plan incurred expenses of approximately \$2.9 million and \$2.9 million, respectively. With respect to the benefits payable from TPSOVSF, for fiscal years 2010 and 2009, the Plan incurred expenses of approximately \$3.2 million and \$3.2 million, respectively. With respect to the benefits payable to HPOVSF for fiscal years 2010 and 2009, the Plan incurred expenses of approximately \$3.2 million, respectively. With respect to the benefits payable to HPOVSF for fiscal years 2010 and 2009, the Plan incurred expenses of approximately \$2.3 million, respectively. With respect to the benefits payable to HPOVSF for fiscal years 2010 and 2009, the Plan incurred expenses of approximately \$3.2 million and \$3.2 million, respectively. With respect to the benefits payable to HPOVSF for fiscal years 2010 and 2009, the Plan incurred expenses of approximately \$2.3 million and \$2.4 million, respectively.

With respect to the COVSF, for fiscal year 2010, the excess earnings of the Plan, inclusive of prior years' cumulative deficiencies, are estimated to be equal to zero and, therefore, no transfer will be due from the Plan to the COVSF as of June 30, 2010. For fiscal year 2009, the excess earnings of the Plan, inclusive of prior years' cumulative deficiencies, were equal to zero and, therefore, no transfer was due from the Plan to the COVSF as of June 30, 2010.

#### 5. CONTRIBUTIONS AND ACTUARIAL ASSUMPTIONS

The financial objective of the Plan is to fund members' retirement benefits during their active service and to establish Employer contribution rates which, expressed as a percentage of annualized covered payroll, will remain approximately level from year to year. Under current law, the Employer contributes statutorily-required contributions ("Statutory Contributions") that together with Member Contributions and investment income would ultimately be sufficient to accumulate assets to pay benefits when due.

**Member Contributions** — Members who joined prior to July 27, 1976, contribute by salary deductions on the basis of a normal rate of contribution that is assigned by the Plan at membership. The member normal rate, which is dependent upon age and actuarial tables in effect at the time of membership, is determined so as to provide approximately one-fourth of the service retirement allowance at the earliest age for service retirement. For age at membership equal to 20 the member normal rate ranges between 5.80% and 9.10%. For age at membership equal to 40 the member normal rate ranges between 4.30% and 4.80%.

Members who joined on or after July 27, 1976, are mandated to contribute 3.0% of salary during all years of coverage except for Department of Correction members who contribute 3.0% for not more than 30 years. Effective October 1, 2000, certain members are not required to make contributions after the 10th anniversary of their membership date or completion of ten years of credited service, whichever is earlier. In addition, certain members who are Tier 2 or Tier 3 corrections officers and certain other Tier 2 and Tier 4 members contribute additional amounts ranging from 1.85% to 7.46% for improved early retirement benefits.

**Employer Contributions** — Statutory Contributions to the Plan, determined by the Plan's Chief Actuary of the Office of the Actuary (the "Actuary") in accordance with State statutes and City laws, are generally funded by the Employer within the appropriate fiscal year.

The June 30, 2008 (Lag) actuarial valuation was used to determine the Fiscal Year 2010 Employer Contribution. There were no changes in actuarial assumptions and methods from the prior actuarial valuation.

The June 30, 2007 (Lag) actuarial valuation was used to determine the Fiscal Year 2009 Employer Contribution. There were no changes in actuarial assumptions and methods from the prior actuarial valuation.

The Frozen Initial Liability Actuarial Cost Method is utilized by the Actuary to calculate the contributions from the Employer. Under this actuarial cost method, the Initial Liability was reestablished by the Entry Age Actuarial Cost Method as of June 30, 1999, but with the Unfunded Actuarial Accrued Liability (UAAL) not less than zero. The excess of the Actuarial Present Value (APV) of projected benefits of members as of the valuation date, over the sum of the Actuarial Asset Value (AAV) plus UAAL, if any, and the APV of future employee contributions, is allocated on a level basis over the future earnings of members who are on the payroll as of the valuation date. Actuarial gains and losses are reflected in the employer normal contribution rate.

Chapter 85 of the Laws of 2000 (Chapter 85/00) reestablished the UAAL and eliminated the Balance Sheet Liability (BSL) for actuarial purposes as of June 30, 1999. The schedule of payments toward the reestablished UAAL provides that the UAAL, if any, be amortized over a period of 11 years beginning Fiscal Year 2000, where each annual payment after the first equals 103% of its preceding annual payment.

Chapter 69 of the Laws of 2002 established the UAAL as of June 30, 2003, for an Early Retirement Incentive (Part A only). This UAAL was amortized on a level basis over a period of 5 years beginning Fiscal Year 2004.

The APV of projected benefits includes the obligations of the Plan to the HPOVSF, the HPSOVSF, the TPOVSF, the TPSOVSF and the COVSF (referred to collectively as the NYCERS VSFs), which are recognized through the Liability Valuation Method.

Under this method the APV of Future SKIM from the Plan to the NYCERS' VSFs is included directly as an actuarial liability of the Plan. SKIM is all or a portion of the excess earnings on equity securities of the Plan which are transferable to the NYCERS' VSFs. The APV of Future SKIM is computed as the excess, if any, of the APV of benefits of each individual NYCERS' VSF offset by the AAV of that individual NYCERS VSF, respectively.

Beginning with the June 30, 2004 (Lag) actuarial valuation, the Actuarial Asset Valuation Method (AAVM) was changed to a method which reset the AAV to Market Value (i.e., "Market Value Restart") as of June 30, 1999. As of each June 30 thereafter the AAVM recognizes investment returns greater or less than expected over a period of six years.

Under this revised AAVM, any Unexpected Investment Returns (UIR) for Fiscal Years 2000 and later are phased into the AAV beginning the following June 30 at a rate of 15%, 15%, 15%, 15%, 20% and 20% per year (or cumulative rates of 15%, 30%, 45%, 60%, 80% and 100% over a period of six years).

The UIR for fiscal years 2000 to 2004 under the revised AAVM was set equal to the UIR under the prior AAVM.

For determining employer contributions for Fiscal Years 2000 through 2005 inclusive, the AAVM was changed as of June 30, 1999, to reflect a market basis for investments held by the Plan. This AAVM recognized expected investment returns immediately and phased in UIR.

Under this prior AAVM, any UIR for Fiscal Years 2000 through 2004 inclusive were phased into the AAV beginning the following June 30 at a rate of 10%, 15%, 20%, 25% and 30% per year (i.e., cumulative rates of 10%, 25%, 45%, 70% and 100% over a period of five years).

Chapter 125 of the Laws of 2000 (Chapter 125/00) provided eligible retirees and eligible beneficiaries with increased Supplementation as of September 2000 and with automatic COLA beginning September 2001. Chapter 125/00 also provided for a five-year phase-in schedule for funding the additional actuarial liabilities created by the benefits provided by this law. Chapter 278 of the Laws of 2002 (Chapter 278/02) required the Actuary to revise the methodology and timing for determining the Statutory Contributions on account of the additional actuarial liabilities attributable to the benefits provided under Chapter 125/00 by extending the phase-in period for funding these liabilities from five years to ten years.

The impact of the ten-year phase-in of Chapter 278/02 was to postpone funding of the additional actuarial liabilities attributable to Chapter 125/00 resulting in greater employer contributions in later years.

Chapter 152 of the Laws of 2006 (Chapter 152/06) eliminated the ten-year phase-in. All actuarial liabilities attributable to Chapter 125/00 are now recognized in the actuarial valuation.

Statutory Contributions for Fiscal Years 2010 and 2009 were equal to the amounts calculated by the Actuary.

**Funded Status and Funding Progress** — One measure of the funded status of the Plan as of June 30, 2008, the most recent actuarial valuation date, based on the Frozen Initial Liability Actuarial Cost Method, the plan's funding method, is as follows (dollar amounts in thousands):

Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	Percentage of Covered Payroll ((b-a)/c)
\$ 40,722,228	\$ 40,722,228	\$0	100%	\$ 11,305,974	0%

A schedule of funding progress, presented as required supplementary information (RSI) following the notes to the financial statements, presents multiyear trend information about whether the actuarial values of plan assets are increasing or decreasing over time relative to the AALs for benefits under the Plan's Actuarial Cost Method.

An additional schedule of funding progress, presented as supplementary information following the notes to the financial statements, presents multiyear trend information about whether the actuarial values of plan assets are increasing or decreasing over time relative to AALs for benefits under the Entry Age Actuarial Cost Method.

Additional information as of the latest actuarial valuation follows:

Valuation Date	June 30, 2008 (Lag)
Actuarial Cost Method	Frozen Initial Liability
Amortization Method Initial Unfunded	Increasing Dollar
Remaining Amortization Period Initial Unfunded	NA
Asset Valuation Method	6-Year Smoothed Market
Actuarial Assumptions Projected Salary Increases *	In general, merit and promotion increases plus assumed general wage increases of 3.0% per annum.
Investment Rate of Return *	8.0% per annum
COLAs *	1.3% per annum

\* Developed assuming a long-term Consumer Price Inflation assumption of 2.5% per annum.

#### 6. MEMBER LOANS

In general, members are permitted to borrow up to 75% of their own contributions, including accumulated interest. The balance of member loans receivable at June 30, 2010 and 2009 is \$939.7 million and \$880.5 million, respectively.

## 7. RELATED PARTIES

The Comptroller has been appointed by law as custodian for the assets of the Plan. Securities are held by certain banks under custodial agreements with the Comptroller. The Comptroller also provides cash receipt and cash disbursement services to the Plan. Actuarial services are provided to the Plan by the Office of the Actuary employed by the Boards of Trustees of The City's main pension systems. The City's Corporation Counsel provides legal services to the Plan. Other administrative services are also provided by the City. The aforementioned services are provided by employees or officers of The City who may also be participants in the Plan.

#### 8. ADMINISTRATIVE AND INVESTMENT EXPENSES

Chapter 593 of the Laws of 1996, effective July 1, 1997, authorized the Board of Trustees to draw upon Plan assets to pay the administrative expenses incurred by the Plan. Prior to that year, The City had directly paid all Plan administrative expenses. Under Chapter 593/96, both the administrative and investment expenses were billed to the participating employers in the following year. Under Chapter 152 of the Laws of 2006, those expenses are billed in the second following fiscal year. In fiscal year 2010, the total non-investment expenses attributable to the Plan were approximately \$53.4 million, of which \$49.7 million was paid from the assets of the Plan and \$3.7 million was incurred on behalf of the Plan by other City agencies. In fiscal year 2009, the total non-investment expenses attributable to the Plan and \$3.9 million was incurred on behalf of the Plan by other City agencies. Investment expenses, exclusive of fees related to securities lending transactions, for fiscal year 2010 were \$178.3 million, of which \$175.3 million was charged to the investment expenses, exclusive of the Plan and \$3.0 million was incurred by the Comptroller's Office. Investment expenses, exclusive

of fees related to securities lending transactions, for fiscal year 2009 were \$141.1 million, of which \$138.2 million was charged to the investment earnings of the Plan and \$2.9 million was incurred by the Comptroller's Office.

During fiscal year 2000, the Plan entered into a new lease agreement to rent office space for its headquarters. The agreement expires in 2020, with options to renew the agreement through 2030. The future minimum rental payments required under this operating lease are shown in the table below.

Rent expenses, under the lease agreement, for the fiscal years ended June 30, 2010 and 2009, were approximately \$3.7 million and \$3.6 million, respectively.

During fiscal year 2006, the Plan entered into a new lease agreement to rent office space for a business recovery site in case its headquarters was not operational. The agreement expires in 2016, with options to renew the agreement through April 2021. The future minimum rental payments required under this operating lease are shown in the table below.

Rent expenses, under the lease agreement, for the fiscal years ended June 30, 2010 and 2009, were approximately \$324 thousand and \$255 thousand, respectively. The rent for 2010 was less than the legally stated rent due to abatements on account of delays in completion of construction.

Fiscal Years Ending	Headquarters Minimum Rental Payments	Fiscal Years Ending	Recovery Site Minimum Rental Payments
2011	\$ 4,085,669	2011	\$ 440,892
2012	4,085,669	2012	485,627
2013	4,085,669	2013	496,553
2014	4,085,669	2014	507,726
2015	4,535,336	2015	519,149
2016-2019	18,141,344	2016	441,540

# 9. CONTINGENT LIABILITIES AND OTHER MATTERS

**Contingent Liabilities** — The Plan has a number of claims pending against it and has been named as a defendant in a number of lawsuits and also has certain other contingent liabilities. Management of the Plan, on the advice of legal counsel, believes that such proceedings and contingencies will not have a material effect on the plan's net assets or changes in the plan's net assets. Under the State statutes and City laws that govern the functioning of the Plan, increases in the obligations of the Plan to members and beneficiaries ordinarily result in increases in the obligations of the employers to the Plan.

**Other Matters** — During Fiscal Years 2010 and 2009, certain events described below took place which, in the opinion of Plan management, could have the effect of increasing benefits to members and/or their beneficiaries and therefore would increase the obligations of the Plan. The effect of such events has not been fully quantified. However, it is the opinion of plan management that such developments would not have a material effect on the plan net assets held in trust for pension benefits.

Actuarial Audit — Pursuant to Section 96 of the New York City Charter, studies of the actuarial assumptions used to value liabilities of the five actuarially-funded New York City Retirement Systems (NYCRS) are conducted every two years. The most recently completed study was published by The Segal Company (Segal) dated November 2006 and analyzed experience for Fiscal Years 2002 through 2005. Segal made recommendations with respect to the actuarial assumptions and methods based on their analysis.

Currently, the Hay Group (Hay) is conducting a study of actuarial assumptions and analyzing experience for Fiscal Years 2006 through 2009. Hay has completed their study of Fiscal Years 2006 and 2007. An analysis of experience for Fiscal Years 2008 and 2009 is underway. Hay will recommend changes to the actuarial assumptions and methods in conjunction with the completion of their study of experience for Fiscal Years 2008 and 2009.

The Actuary is currently reviewing results from the Segal and Hay studies in preparation for recommending revised actuarial assumptions and methods.

**Revised Actuarial Assumptions and Methods** — In accordance with the ACNY and with appropriate practice, the Boards of Trustees of the five actuarially-funded NYCRS are to periodically review and adopt actuarial assumptions as proposed by the Actuary for use in the determination of employer contributions.

Based in part upon a review of an October 2003 experience study by Gabriel, Roeder, Smith & Company (GRS), the Actuary issued an August 29, 2005 Report entitled "Proposed Changes in Actuarial Assumptions and Methods for Determining Employer Contributions for Fiscal Years Beginning on and After July 1, 2005 for the New York City Employees' Retirement System" ("August 2005 Report"). Where required, the Board of Trustees of the Plan adopted those changes to actuarial assumptions that required Board approval and the State Legislature and the Governor enacted Chapter 152/06 to provide for those changes to the actuarial assumptions and methods that required legislation, including the AIR assumption of 8.0% per annum.

**OTB Bankruptcy** — During December 2009, the New York City Off-Track Betting Corporation (OTB) filed a petition with the United States Bankruptcy Court of the Southern District of New York under Chapter 9 of the Bankruptcy Code.

The Fiscal Year 2010 employer contribution does not take into account OTB's filing. The Fiscal Year 2010 employer contribution and the allocation to OTB assume that OTB is a going-concern. Any amount due but unpaid by OTB for Fiscal Year 2010 is treated as a receivable that is expected to be paid in full.

**New York State Legislation (only significant laws included)** — Chapter 104 of the Laws of 2005, as amended by Chapter 93 of the Laws of 2005, created a presumptive eligibility for accidental disability in connection with the World Trade Center attack on September 11, 2001.

Chapter 105 of the Laws of 2005 states that a member killed in the U.S. Armed Forces on and after June 14, 2005, is deemed a Line-of-Duty death while on active payroll.

Chapter 477 of the Laws of 2005 extends service credit of up to one year for each period of Correction Officer leave-of-absence due to child care to include Tier III members.

Chapter 152/06 provided for the changes in actuarial assumptions and methods that require legislation, including the continuation of the AIR assumption of 8.0% per annum and continuation of the current Frozen Initial Liability (FIL) Actuarial Cost Method and the existing Unfunded Actuarial (Accrued) Liability (UAL). In addition, Chapter 152/06 provides for elimination of the use of the ten-year phase-in of Chapter 278/02 for funding the additional actuarial liabilities created by the benefits provided by Chapter 125/00.

Chapter 445 of the Laws of 2006 (Chapter 445/06) created a presumptive eligibility for accidental death benefits in connection with the World Trade Center attack on September 11, 2001.

Chapter 711 of the Laws of 2006 revised the retirement allowance of Tier II DA Investigator members for service beyond 20 years.

Chapter 734 of the Laws of 2006 refunds certain frozen Additional Member Contributions to certain participants of the Transit 55/25 Program employed in a job title which is or was represented by the Amalgamated Transit Union.

Chapter 5 of the Laws of 2007 amended Chapter 445/06 to clarify the World Trade Center accidental disability benefits payable to retirees who die in the first 25 years of retirement. It also amended Chapter 445/06 to include World Trade Center deaths as presumptive accidental death benefits in the Line-of-Duty.

Chapter 214 of the Laws of 2007 extends the World Trade Center Accidental Disability and Accidental Death benefits provisions to cover certain Handlers and Repairers of motor vehicles or equipment contaminated by such disaster.

Chapter 349 of the Laws of 2007 is a Reopener of the 25/50 Automotive Members Retirement Program.

Chapter 379 of the Laws of 2007 refunds certain frozen Additional Member Contributions to certain participants of the Transit 55/25 Program employed in a job title which was or is represented by the Transport Workers Union, Local 100.

Chapter 489 of the Laws of 2008 expanded and redefined the eligibility provisions of the accidental disability and accidental death benefits that arise in connection with the World Trade Center attack on September 11, 2001.

Chapter 211 of the Laws of 2009 continued the valuation and other interest rates for one year to June 30, 2010, from June 30, 2009.

Chapter 157 of the Laws of 2010 provides that members who were laid off from the School Construction Authority (SCA) on or after December 1, 2002 and who returned to work prior to January 8, 2008, can buy back their layoff time for retirement purposes. Similarly, members who were laid off from the SCA on or after December 1, 2002 and retired prior to July 7, 2010, may purchase service for the layoff period.

Chapter 265 of the Laws of 2010 continued the valuation and other interest rates for one year to June 30, 2011 from June 30, 2010.

\* \* \* \* \* \*

#### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED) SCHEDULE OF FUNDING PROGRESS (IN CONFORMITY WITH THE PLAN'S FUNDING METHOD) (In thousands)

	(1)	(2)	(3)	(4)	(5)	(6)
Actuarial Valuation Date June 30	Actuarial Asset Value (AAV)	Actuarial Accrued Liability (AAL)*	Unfunded AAL (UAAL)	Funded Ratio	Covered Payroll	UAAL as a Percentage of Covered Payroll
	(A)	(A) & (B)	(C)(2)-(1)	(1)÷(2)		(3)÷(5)
2008 (Lag)	\$40,722,228	\$40,722,228	\$ 0	100.0%	\$11,305,974	0.0%
2007 (Lag)	38,925,725	38,959,069	33,344	99.9	10,761,963	0.3
2006 (Lag)	38,367,102	38,431,319	64,217	99.8	10,128,689	0.6
2005 (Lag)	39,692,426	39,797,144	104,718	99.7	9,670,786	1.1
2004 (Lag) <sup>#</sup>	40,638,628	40,786,673	148,045	99.6	9,361,186 **	1.6
2004	40,088,213	40,236,258	148,045	99.6	9,157,412	1.6

- \* Based on the Frozen Initial Liability Actuarial Cost Method.
- # Reflects revised actuarial assumptions and methods based on experience review.
- \*\* The annualized covered payroll under the One-Year Lag Methodology used for the Fiscal Year 2006 Employer Contribution differs from that as of June 30, 2004, to compute Fiscal Year 2005 Employer Contribution due to changes in actuarial assumptions and methods and more recent information on labor contract settlements.

#### Notes:

A. Beginning with the June 30, 2004 (Lag) actuarial valuation the Actuarial Asset Valuation Method (AAVM) was changed to a method which reset the AAV to Market Value (or "Market Value Restart") as of June 30, 1999. As of each June 30 thereafter the AAVM recognizes investment returns greater or less than expected over a period of six years.

Under this revised AAVM, any Unexpected Investment Returns (UIR) for fiscal years 2000 and later are phased into the AAV beginning June 30, 2000, at rates of 15%, 15%, 15%, 15%, 20% and 20% per year (i.e., cumulative rates of 15%, 30%, 45%, 60%, 80% and 100% over a period of six years).

The UIR for fiscal years 2000 to 2004 under the revised AAVM was set equal to the UIR under the prior AAVM.

#### (Schedule of Funding Progress Continued)

The prior AAVM was changed as of June 30, 1999, to reflect a market basis for investments held by the Plan and was made as one component of an overall revision of actuarial assumptions and methods as of June 30, 1999.

Under the AAVM used for the June 30, 1999 to June 30, 2004 actuarial valuations, any UIR for fiscal years 2000 and later were phased into the AAV beginning the following June 30 at a rate of 10%, 15%, 20%, 25% and 30% per year (or cumulative rates of 10%, 25%, 45%, 70% and 100% over a period of five years).

- B. To effectively assess the funding progress of the Plan, it is necessary to compare the AAV and the AAL calculated in a manner consistent with the Plan's funding method over a period of time. The AAL is the portion of the Actuarial Present Value of pension plan benefits and expenses which is not provided for by future Employer normal costs and future Member Contributions.
- C. The UAAL is the excess of the AAL over the AAV. This is the same as the unfunded frozen AAL, which is not adjusted from one actuarial valuation to the next to reflect actuarial gains and losses.

(Schedule of Funding Progress Concluded)

#### SCHEDULE 2

#### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

#### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED) SCHEDULE OF EMPLOYER CONTRIBUTIONS (In thousands)

Fiscal Years Ended June 30	Annual Required Contribution (ARC)	Percentage of ARC Contributed
2010	\$ 2,197,717	100.0%
2009	2,150,438	100.0
2008	1,874,242	100.0
2007	1,471,030	100.0
2006	1,024,358	100.0
2005	1,020,380	80.6

Under the requirements of Governmental Accounting Standards Board Statement Number 25 (GASB 25), as amended by GASB Statement No. 50 (GASB 50), the Annual Required Contribution (ARC) is determined through an actuarial valuation reflecting all liabilities of the Plan. The Employer Contribution to the Plan is determined in accordance with statute (i.e., Statutory Contribution).

For Fiscal Year 2005, the difference between the ARC and the Statutory Contribution is the consequence of Chapter 278/02 which phased-in over 10 years the additional actuarial liabilities attributable to the benefits provided by Chapter 125/00 (i.e., automatic COLA). Statutory Contribution of \$822.8 million for Fiscal Year 2005 was computed in accordance with Chapter 278/02.

Chapter 152/06 eliminated the use of the ten-year phase-in of Chapter 278/02 beginning Fiscal Year 2006.

## **SCHEDULE 3**

# **NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM**

# REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED) SCHEDULE OF ACTUARIAL METHODS AND ASSUMPTIONS

The information presented in the required supplementary schedules was determined as part of the actuarial valuations as of June 30, 2008 (Lag) and 2007 (Lag). These actuarial valuations were used to determine Employer Contributions for Fiscal Years 2010 and 2009, respectively. Additional information as of the last two actuarial valuations follows:

	June 30, 2008 (Lag) <sup>1</sup>	June 30, 2007 (Lag) <sup>1</sup>
Actuarial cost method	Frozen Initial Liability. <sup>2</sup>	Frozen Initial Liability. <sup>2</sup>
Amortization method for Unfunded Actuarial Accrued Liabilities	None.	None.
Remaining amortization period	None.	None.
Actuarial asset valuation method	Modified 6-year moving average of market values with a "market value restart" as of June 30, 1999.	Modified 6-year moving average of market values with a "market value restart" as of June 30, 1999.
Actuarial assumptions:		
Investment rate of return	8.0% per annum. <sup>3</sup>	8.0% per annum. <sup>3</sup>
Post-retirement mortality	Tables adopted by Board of Trustees during Fiscal Year 2006.	Tables adopted by Board of Trustees during Fiscal Year 2006.
Active service: withdrawal, death, disability, service retirement	Tables adopted by Board of Trustees during Fiscal Year 2006.	Tables adopted by Board of Trustees during Fiscal Year 2006.
Salary increases	In general, merit and promotion increases plus assumed general wage increases of 3.0% per annum. <sup>3</sup>	In general, merit and promotion increases plus assumed general wage increases of 3.0% per annum. <sup>3</sup>
Cost-of-Living adjustments	1.3% per annum. <sup>3</sup>	1.3% per annum. <sup>3</sup>

<sup>1</sup> Under the One-Year Lag Methodology, the actuarial valuation determines the Employer Contribution for the second following Fiscal Year.

<sup>2</sup> Under this Actuarial Cost Method, the Initial Liability was reestablished as of June 30, 1999, by the Entry Age Actuarial Cost Method but with the UAAL not less than \$0. The financial results using this Frozen Initial Liability Actuarial Cost Method differ minimally from those that would be produced using the Aggregate Actuarial Cost Method.

<sup>3</sup> Developed assuming a long-term Consumer Price Inflation assumption of 2.5% per annum.

## **SCHEDULE 4**

# **NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM**

## SUPPLEMENTARY INFORMATION (UNAUDITED) FUNDED STATUS BASED ON ENTRY AGE ACTUARIAL COST METHOD (In thousands)

This Schedule is being provided by the Actuary for the Plan to improve the transparency and decision usefulness of this financial report.

The Actuarial Cost Method (ACM) used to develop the funding requirements for the Plan is the Frozen Initial Liability (FIL) ACM. Under this ACM, following establishment of any Initial Unfunded Actuarial Accrued Liabilities (UAAL), actuarial gains and losses are financed over the working lifetimes of active participants and are not identified as separate UAAL.

The funding status and funding progress information provided in this Schedule has been prepared using the Entry Age ACM where the Actuarial Present Value (APV) of any obligations of the Plan not provided by the APV of Future Contributions (Employer and Employee), as determined under the Entry Age ACM, equals the Actuarial Accrued Liability (AAL). Under the Entry Age ACM, the UAAL equals the AAL minus the Actuarial Value of Assets.

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) – Entry Age (b)	Unfunded AAL (UAAL) – Entry Age (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
June 30, 2008 (Lag)	\$40722228	\$51114399	\$10392171	79.7%	\$11305974	91.9%
June 30, 2007 (Lag)	38925725	49253216	10327491	79.0	10761963	96.0
June 30, 2006 (Lag)	38367102	46602030	8234928	82.3	10128689	81.3
June 30, 2005 (Lag)	39692426	44881300	5188874	88.4	9670786	53.7
June 30, 2004 (Lag)	40638628	43010221	2371593	94.5	9361186	25.3

Note: Actuarial assumptions used are those shown in Schedule 3.

	M (ii	ssets under Ianagement n millions) June 30, 2010		Fees
Fees Paid Out of Investment Income				
Investment Managers' Fees:				
Fixed Income Managers				
Advent (Convertible Bonds)	\$	138.97	\$	906,707.98
Barrow, Hanley, Mewhinney & Strauss (Credit Sector)	)	348.53		612,581.86
Blackrock (Corporate)	,	420.56		276,353.11
Blackrock (Mortgage)		633.73		335,865.55
Blackrock (Government Sector)		417.68		191,169.00
Fischer, Francis, Trees & Watts (Yankee)				(99,206.00)
Goldman Sachs-TCW (Mortgage)		269.59		88,994.00
Loomis Sayles (Enhanced Yield)		463.85		2,315,221.08
Lord Abbett & Co. (Convertible Bonds)		122.94		400,171.98
Neuberger Berman Fixed Income - (Mortgage)		681.77		290,337.00
Pacific Investment Mgmt. Co. (Gov't)		453.32		(12,063.09)
Pacific Investment Mgmt. Co. (Mortgage)		694.42		5,246.87
Progress Investment Management Co.		91.19		341,925.47
Prudential (Corporate)		584.61		741,926.84
SEIX (Enhanced Yield)		464.32		877,779.97
Shenkman Capital Management (Enhanced Yield)		456.68		2,054,635.41
Smith Breeden Associates-TCW (Mortgage)		159.87		270,550.67
State Street Bank and Trust Co. (Gov't)		172.35		101,081.87
T. Rowe Price (Corporate)		421.38		712,126.61
T. Rowe Price (Enhanced Yield)		454.67		2,185,654.65
Taplin Canida & Habacht (Corporate)		366.75		449,395.06
TCW Zasset Mgmt. (Mortgage)				640,794.58
Total Progress Fixed (Emerging Managers)				319,804.02
Victory (Convertible Bonds)		121.73		498,388.03
Wellington Management (Mortgage)		271.03		296,124.35
Total Fixed Income Managers	\$	7,938.91	\$	14,801,566.87
Demostic Family Management				
Domestic Equity Managers	¢	2.016.02	¢	124 (00 79
Amalgamated Bank of NY (S & P 500 Index)	\$	3,016.02	\$	124,609.78
Attucks Assett Management (Value)		148.22		1,126,600.82
Barclay Global Investors (Russell 3000 Index)		4,281.18		370,597.61
Bivium Capital Partners, LLC		40.72		568,221.28
BlackRock (Russell 3000)		4,283.66		165,220.74
Capital Prospects LLC		36.03		302,596.50

	Assets under Management (in millions) as of June 30, 2010	Fees
Castle Ark Management LCG	58.72	316,852.70
Daruma Asset Management SCC	152.94	1,307,154.44
Denali Advisors -LCV	89.98	457,536.27
F.I.S. Fund Mgmt.	115.11	939,098.09
Gabelli Asset Mgmt. (Small Cap)	48.94	888,859.00
Lombardia Cap Patners, LLC. (Large Cap)	83.80	357,629.49
Piedmont Inv Adv-LCC	85.03	433,031.47
Profit Inv Mgmt - LCG	116.19	571,353.10
Progress Investment Management Co.	196.52	1,573,699.00
RAFI Enhanced Small Co.	456.48	1,074,459.85
RAFI Enhanced Large Co.	927.02	1,636,801.41
Seizert Capital Partners - LCC	92.62	357,384.05
VTL S&P 500 (Large Cap)	204.67	299,915.24
Walden Asset Mgmt	47.41	367,783.76
Wells Capital Mgmt. (Small Cap)	104.42	1,142,667.38
Wisdom Tree Asset Mgt. Inc.	273.12	299,226.84
Total Domestic Equities	\$ 14,858.81 \$	14,681,298.82
Private Equity Investments		
AEA Investors 2006 Fund - Contingent	\$ 21.23 \$	347,276.67
AG GECC PPIF LP	¢ 21.29 ¢ 19.90	201,106.00
Aisling Capital II, LP	4.07	71,665.00
Aisling Capital III, LP	0.78	262,825.89
Alliance BRN Legacy Sec LP	39.88	124,932.72
Apollo Investment Fund VII	42.20	811,578.00
Ares Copr Opportunities	29.96	238,347.79
Ares Copr Opportunities Fund II	44.75	417,955.92
Ares Copr Opportunities Fund III	34.79	1,125,000.00
Arsenal Capital Partners II	10.90	306,076.09
Aurora Equity Capital Partners III	45.81	906,536.00
Avista Capital Partners II	41.71	1,312,500.00
BDCM Opportunity Fund	15.40	343,554.76
BDCM Opportunity Fund II	18.19	435,026.98
Blackstone Capital Partnerrs V	88.96	891,197.00
Blackstone Mezz. Partners II	21.76	266,909.00
Blue Wolf Capital Fund II	6.76	118,652.14
Bridgepoint Europe IV	3.84	396,188.62
Breeden Capital Mgmt	133.25	3,178,943.22
Carlyle Partners III	10.56	39,779.00
Carlyle Partners V	19.55	813,434.00
Carpenter Community Bancfund	8.80	400,000.00
Catterton Partners VI	31.04	704,866.00
CCMP Capital Investors II	15.93	417,525.00
CD&R Fund VIII	13.99	750,000.00
		-

	Assets under Management (in millions) as of June 30, 2010	Fees
CO-Investment Partners Europe	14.11	421,714.73
Constellation Ventures III	10.65	366,450.87
Craton Equity Investors	10.96	325,934.00
Credit Suisse Custom Fund Investment Grade	7.18	520,000.00
Credit Suisse Emerging Market Domestic Mgrs Fund	16.31	910,000.00
Crestview Partners II	13.96	629,156.00
Cypress Merchant Bank Partners II	21.82	126,283.41
Emerald Infrastructure Development Fund		500,000.00
Ethos Private Equity Fund V	22.13	1,001,783.54
Fairview Emerging Managers	17.46	226,516.00
Fairview Capital Partners III	6.46	248,756.00
FDG Capital Partners	7.44	113,129.81
FDG Capital Partners II	16.33	175,335.57
First Reserve Fd XI	34.97	612,000.00
First Reserve Fd XII	14.07	612,000.00
Fourth Cinven Fund	37.24	1,084,071.61
FS Equity Partners V	26.13	115,789.00
FS Equity Ptnrs V1	16 50	487,500.00
FT Ventures Fund III	16.72	921,413.00
GF Capital	11.47	400,000.00
GI Partners Fund II	37.17	612,500.00
GI Partners Fund III	5.51	402,260.00
Governance for Owners	202.48	1,435,861.01
Halyard Capital II	11.46	442,103.00
HM 2006 Sector Perform Fund LP	15.66	149,455.00
InterMedia Partners VII	21.95	437,500.00
JP Morgan Investment Management	22.76	184,526.67
Knight Vinke Institutional Prtnrs III	79.02	1,904,676.64
Lee Equity Partners. Levine Leichtman CAP Partners IV	11.47	391,616.00
	4.95	572,714.00
Lincolnshire Equity Fund III	46.61	1,173,795.99 550,000.00
Lincolnshire Equity Fund IV	0.96	,
Markstone Capital Partners Midocean Partners III	24.95 15.61	800,000.00
Nautic Partners VI	8.79	1,015,677.00
New Mountain Partners	5.88	510,379.28 74,398.00
New Mountain Partners II	41.49	534,109.00
New Mountain Partners III	29.04	1,614,475.00
Onex Partners III	4.45	765,625.00
Paladin Homeland Security Fund	7.88	305,705.66
Paladin Homeland Security III	11.36	442,209.00
Palladium EQ Ptnrs III	14.47	669,892.97
PCGAM Clean Energy & Tech Fund	42.81	868,297.00

	Assets under Management (in millions) as of June 30, 2010	)	Fees
Pegasus Partners IV, L.P.	40.07		250,671.00
Perseus Partners VII	27.25		148,401.00
Pimco-Disco Distressed	220.15		1,305,093.00
Pine Brook Capital Partners	10.51		531,171.44
Quadrangle Capital Partners II	48.08		1,567,234.00
Quaker BioVentures II L.P.	5.92		500,000.00
Relativity Fund	4.49		231,015.00
Ripplewood Partners 11	11.46		74,228.00
Riverstone/Carlyle Global Energy & Power Fund IV	20.30		298,529.00
RLJ Equity Partners Fund 1	4.59		382,237.00
RRE Ventures II	21.22		315,226.00
RRE Ventures IV	21.33		875,000.00
Shamrock Capital	22.96		825,484.00
Silver Lake Partners II, L.P.	43.33		847,147.06
Silver Lake Partners III	27.37 16.95		670,066.00 186,656.42
Snow Phipps & Guggenheim Snow Phipps Group II	10.93		322,950.82
Solera Partners	19.91		298,067.00
StarVest Partners II	6.53		522,983.00
Tailwind Capital Partners, L.P. Contingent	16.43		483,643.00
Terra Firma Cap III - Contingent	8.56		416,304.00
Thomas H Lee Equity Fund VI	23.01		332,582.66
Trilantic Capital Partners III	23.86		393,517.00
Trilantic Capital Partners IV	29.57		687,449.59
Vista Equity Partners III	27.26		505,279.00
Vitruvian Partners	7.06		1,190,700.00
VSS Comm Partners IV	15.76		444,914.00
Yucaipa American Alliance Fund	56.53		580,399.00
Yucaipa American Alliance Fund II	84.75		2,220,000.00
Yucaipa Corp Initiative II	11.65		826,086.00
Total Private Equity Managers	\$ 2,551.79	\$	58,770,519.55
Private Real Estate Managers			
American Value Partners Fund. I, L.P.	10.92	\$	952,272.00
Apollo Real Estate Fund V, L.P.	9.83	φ	297,392.00
Blackstone Real Estate Partners III, L.P.	2.41		937,500.00
Blackstone Real Estate Partners IV,	12.77		428,577.00
Blackstone Real Estate Partners VI,	32.29		2,045,157.00
Canyon Johnson Urban Fund	0.72		85,241.76
Canyon Johnson Urban Fund II	23.30		332,359.76
Canyon Johnson Urban Fund III	0.52		508,695.66
Carlyle Partners R.P. Fund V	15.55		300,000.00
Capri Urban Investors	9.34		1,049,766.68
			, ,

	Assets under Management (in millions) as of June 30, 2010	Fees
Heitman America RE Trust	69.96	320,880.00
JPMC SP Fund	72.12	892,342.32
JPMC SS Fund	47.36	1,149,214.97
JPM Urban Ren Pty Fund		59,008.59
Lehman Bros. Real Estate Partners Rep III	9.80	510,244.00
Metropolitan Workforce Housing Fund, LLC.	0.21	440,000.00
Prisa	59.92	920,030.79
Prisa II	84.75	1,236,862.57
Prisa III	19.78	514,840.62
RREEF America II, Inc	62.25	352,135.11
RREEF America III, Inc	17.10	307,839.57
Stockbridge Real Estate Fund III	5.69	281,762.00
The City Investment Fund	60.21	703,125.00
Thor Urban Property Fund II	15.00	600,163.41
UBS Trumball Property Fund (TPF)	75.09	745,531.85
Walton St Real Estate Fund VI	7.16	350,623.00
Westbrook Real Estate VII, L.P.	22.89	528,807.00
Westbrook Real Estate VIII, L.P.	5.28	465,645.00
Total Private Real Estate Equity Managers	<b>\$</b> 752.22 <b>\$</b>	17,316,017.66
International Equity Fund Managers		
Acadian (Emerging Markets)	235.10 \$	1,291,861.00
Acadian (Value)	1.59	1,341,500.00
Alliance (Value)	263.38	1,715,036.30
Baillie Gifford Overseas Ltd.(Emerging Markets)	284.78	1,640,681.44
Baillie Gifford Overseas Ltd.(Growth)	317.58	1,423,420.91
Barclays Global Investor (Passive)	758.30	98,905.60
DFA (Emerging Markets)	306.76	1,753,053.04
F&C SGE MTA	41.52	621,309.91
GE Asset Management (Growth)	261.21	1,570,432.37
Generation (Opportunistic Strategic)	100.65	5,245,629.76
KBC Asset Mgt. (Opportunistic Strategic)	46.61	356,855.01
LM Capital MTA (Opportunistic Strategic)	50.11	141,480.00
Martin Currie (Growth)	249.07	911,461.19
Mondrian Investment Partners Ltd.	286.78	1,103,744.11
Philadelphia International (Core)	377.18	1,654,135.25
PIM Atlanta Life	10.95	103,819.07
PIM John Hsu	11.54	109,445.08
PIM Strategic Global Adv	10.81	102,090.48
Pyramis MTA (Growth')	288.28	1,341,908.00
Sprucegrove (Value)	333.28	1,681,310.30
State Street (Emerging Markets)	263.39	1,435,421.00
Thornburg MTA	454.01	2,449,860.75
Transition Accounts	248.11	52,192.52

	Assets under Management (in millions) as of June 30, 2010		Fees	
Total International Equity Fund Managers	\$	5,200.99	\$	28,145,553.09
Mutual Funds - Domestic Equity				
Relational Investors X, L.P.		75.39	\$	646,858.00
Total Mutual Funds - Domestic Equity	\$	75.39	\$	646,858.00
Mutual Fund - Mortgages				
AFL-CIO Housing Inv. Trust		164.60	\$	686,185.97
Access Capital Strategies		44.83		212,988.15
Total Mutual Funds - Mortgages	\$	209.43	\$	899,174.12
Treasury Inflation Protected Securities				
Pacific Investment Management Co. (Active)		534.19		598,030.04
State Street (Passive)		233.33		283,270.20
Total TIPS Managers	\$	767.52	\$	881,300.24
Consultants				
Callan Associates, Inc.				1,094,602.16
Pacific Corporate Advisors, Inc.				2,284,375.00
Pension Consulting Alliance, Inc.				82,500.02
PriceWaterhouse Coopers				5,012.70
S. R. Batliboi				22,344.49
The Townsend Group				673,883.00
Venezuelan Tax Consultant KPMG				272.03
Legal Fees				273,747.44
Total Consultant Fees			\$	4,436,736.84
Total Fees FY 2010	\$	32,355.06	\$	140,579,025.19

Brokerage Firm	Number of Shares Traded	Total Commissions	
Abel Noser Corporation	137,152	1,726	
ABG Securities, Oslo	350,975	10,576	
ABN AMRO Securities (USA) Inc.	729,186	14,683	
Access Securities, Inc.	86,500	1,081	
ADP Cosi/Santander	4,881	195	
Alaris Trading Partners	379,506	4,781	
Alpha Brokerage	346,229	17,857	
American Portfolios Financial	1,268	63	
American Technology Research	9,850	375	
Aqua Securities L.P.	450	9	
Arbuthnot Securities Limited	82,040	586	
Arden Partners Limited	15,232	477	
Assent LLC	85,720	857	
Avian Securities Inc	36,350	1,818	
Avondale Partners, LLC	41,740	1,628	
B Riley Company	935	28	
Baird Robert W Company	4,458,302	16,367	
		331	
Banco Bilbao Vizcaya - Argentaria Banco Espanol De Credito - Madrid	58,146		
*	95,528	1,971	
Banco Portugues De Investimento SA Banco Santander	109,392	1,032	
	100,724	5,034	
Bank Vontobel AG - Zurich	129,243	13,797	
Banque Nationale Du Canada	13,848	659	
Barclays Capital Inc	42,518,791	102,919	
Barnard Jacobs Mellett Ltd, Johannesburg	7,652	1,385	
Batlivala and Karani Securities India	452	1,727	
Baypoint Trading LLC	566,047	4,414	
Berenberg Bank - Hamburg	18,533	1,270	
Bank Of China Group Securities - Hong Kong	1,032	302	
Blair William Company LLC	563,766	25,552	
Blaylock Inc.	878,610	1,597	
Bley Investment Group	92,024	3,681	
Bloomberg Tradebook LLC	673,570	9,635	
Bluefin Research Partner Inc.	19,100	955	
BMO Nesbitt Burns Inc.	77,216	3,007	
BNP Paribas Securities Services	5,553,139	36,608	
BOE Securities Ltd.	834,236	24,345	
Boenning & Scattergood Inc.	1,347,355	13,462	
Bradesco S A Ctvm	3,352	267	
Brean Murray Carret & Company LLC	7,025	351	
Brean Murray Foster Securities	12,850	508	
Broadcort Capital Corporation	234,760	9,420	
Brockhouse and Cooper Inc.	2,667,734	16,420	
Brown Brothers Harriman Company	140,100	4,203	
Buckingham Research Group Inc.	145,352	8,652	
Cabrera Capital Markets Inc.	7,568,943	157,416	
Cai Cheuvreux Nordic AB	178,731	6,220	

Brokerage Firm	Number of Shares Traded	Total Commissions	
Concepted Conital Europe Ltd		<u>628</u>	
Canaccord Capital Europe Ltd.	10,039 3,576	179	
Canaccord Genuity Corporation - Montreal Canaccoro Adams Inc.	-		
	51,699 28 860 021	2,250	
Cantor, Fitzgerald and Company Inc.	38,869,031 340,424	62,492 13 586	
Capital Institutional Services Inc Equities Caris and Company Inc.		13,586 512	
	12,377 953,616		
Carlin Equities	,	19,072	
Carnegie Bank	7,382	2,466	
Cazenove and Company Ltd.	2,323,737	14,962	
Cenkos Securities Limited - London	61,547	443	
Charles Stanley and Company Ltd London	474,686	1,421	
Cheevers & Company Inc.	1,138,932	39,359	
China Int'l Cap Corp. HK Sec Ltd.	100,538	9,617	
CIBC World Markets Inc.	48,524	1,900	
Cimb-Gk Securities PTE Ltd.	17,690	18	
Citation Group/BCC Clearing	622,416	25,029	
Citigroup Global Markets Inc.	43,355,355	272,339	
Clearview Correspondent Services	92,356	4,334	
CLSA Singapore PTE Ltd.	2,076,904	75,691	
Collins Stewart LLC	212,500	3,459	
Commerzbank AG - Frankfurt	21,090	954	
Concordia SA CCMCC	1,092	48	
Craig - Hallum	196,796	5,408	
Credit Agricole Securities USA Inc.	7,612,936	92,704	
Credit Lyonnais Secs Lending	224,082	5,727	
Credit Suisse First Boston	63,501,136	342,062	
D. Carnegie AB - Helsinki	43,317	962	
Dahlman Rose & Company LLC	3,390	170	
Daishin Securities Company Ltd Seoul	58	3,116	
Daiwa Securities	351,908	42,414	
Danske Bank AS - Copenhagen	2,087	1,286	
Davidson D.A & Company Inc.	35,846	1,297	
Davy Stockbrokers - Dublin	208,046	2,819	
DBS Vickers Securities PTE Ltd.	208,135	3,949	
Deutsche Securities Inc.	57,458,886	175,575	
Direct Access Partners LLC	52,175	2,087	
Direct Trading Institutional	796,412	6,363	
Divine Capital Markets LLC	131,955	4,579	
DNB Nor Markets Custody	6,629	1,035	
Dougherty Company	17,349	632	
Dundee Securities Corporation - Toronto	5,080	203	
Eden Group PLC	29,874	136	
Emerging Growth Equities Ltd.	787,200	7,872	
Enam Securities Pvt Ltd.	78	456	
Euroclear BIC	124,851	1,345	
Evolution Beeson Gregory Ltd London	2,642,253	26,000	
Exane - Paris	1,620,825	26,201	
	.,,	20,201	

Brokerage Firm	Number of Shares Traded	Total Commissions	
Execution Limited	83,205	207	
Fator - Doria Atherino S/A CV	12,520	365	
Fidelity Capital Markets	20,464	424	
FIG Partners LLC	1,059	42	
Finacorp Securities	55,000	1,650	
First Analysis Securities Corporation	116,568	5,691	
First Clearing, LLC	892	36	
First NZ Capital Equities Limited	18,754	116	
First Southwest Company	59,279	593	
Fondsfinans A S, Oslo	473	75	
Fox-Pitt Kelton Ltd.	978,739	4,786	
Friedman, Billings & Ramsey	212,444	7,830	
Gardner Rich & Company	2,704,528	78,937	
GBM Brasil DTVM S.A.	60,286	2,691	
Geojit Financial Services	331	1,065	
GK Goh SecuritiesLtd Hongkong	33,648	316	
Global Equities	538,741	4,621	
•	68,450,040	197,669	
Goldman Sachs & Company			
Goodbody Stockbrokers - Dublin	74,199	1,681	
Greentree Brokerage Services	420,604	8,505	
Griffiths Mcburney - Canada	3,805	228	
G-Trade Services Ltd.	332,522	4,953	
Guzman & Company	3,715,025	58,206	
Hedging Griffo Cor De Val S A -Sao paulo	5,635	378	
Hibernia Southcoast Capital	18,820	866	
Howard Weil Incorporated	101,847	5,180	
HSBC Securities Inc.	7,084,060	44,067	
ICAP Securities Ltd London	501,364	1,503	
Ichiyoshi Securities Company Ltd Tokyo	5	16	
ING Bank NV - London	387,609	10,622	
ING Barings Corporation	9,220	369	
Instinet Singapore Services Pte Ltd.	27,910,494	313,128	
Interdin Bolsa SA SVB - Barcelona	8,720	176	
Intermonte Securities SIM, Milano	128,386	959	
Investment Technology Group	4,847,030	37,640	
ISI Group Inc.	484,956	21,231	
Island Trader Securities Inc.	126,750	6,266	
ITAU Unibanco SA	452	36	
ITG Inc.	2,216,500	14,465	
Ivy Securities Inc.	38,620	1,601	
IXIS Securities	1,022	28	
J B Were And Son - Melbourne	45,145	1,212	
Janco Partners Inc.	1,200	48	
Janney Montgomery Scott Inc.	110,191	5,192	
Jeffries International Ltd London	5,573,448	77,086	
JMP Securities	163,946	6,920	
Johnson Rice & Company	97,142	4,219	

Brokerage Firm	Number of Shares Traded	Total Commissions	
Jones And Associates USA	6,020	181	
Jonestrading Institutional Services LLC	174,238	4,403	
J P Morgan Securities Inc.	67,180,168	577,248	
Kas Bank N.V - Amsterdam	31,892	1,115	
Kaufman Brothers	432,013	6,039	
KBC Financial Products UK - London	157	202	
Keefe Bruyette And Wood Limited	592,411	18,363	
Kempen And Company NV - Amsterdam	724,242	15,840	
Kepler Equities, Sucursal En Espana	505,565	19,098	
Keybanc Capital Markets	829,948	5,480	
King, CL, & Associates	157,182	6,233	
Knight Securities LP	21,993,109	170,658	
Ladenburg Thalman & Company	168,020	5,881	
Landesbk Baden-Wuerttemberg,Stuttgard	3,201	123	
	78,471	3,027	
Lazard Freres & Company			
Leerink Swann And Company	175,380	7,281	
Legent Clearing Corp.	18,975	700	
Lighthouse Financial Group LLC	729,542	17,564	
Liquidnet Inc.	7,764,404	104,865	
Loop Capital Markets,Llc.	6,849,556	99,780	
Lynch Jones & Ryan Inc.	151,418	5,817	
M. Ramsey King Securities	1,166,820	14,535	
Macquarie Securities	8,511,088	112,100	
Magna Securities Corporation	3,578,906	106,173	
Mainfirst Securities	248,306	8,889	
Man Financial Limited - London	343,813	2,234	
Melvin Securities LLC	306,330	4,396	
Merlin Securities Corp.	34,959	639	
Merrill Lynch Company, Inc.	50,978,957	438,689	
Merriman Curhan Ford & Company	7,395	300	
Midwest Research Securities	45,200	2,260	
Midwood Securities	441,195	17,648	
Mischler Financial Group, Inc.	54,455	2,140	
Mitsubishi UFJ Securities	4,165	7,190	
Mizuho Securities Usa Inc.	314,881	20,626	
MKM Partners LLC	18,700	775	
Monness Crespi Hardt & Company Inc.	535	27	
Montecito Advisors	553	22	
Montrose Securities Equities	195,700	9,785	
Monument Securities Limited	22,110	576	
Morgan Keegan & Company Inc.	1,797,501	61,314	
Mr Beal & Company	2,902,715	90,865	
Multitrade Securities LLC	31,040	1,268	
Natexis Bleichroeder New York	84,085	2,002	
National Bank Of Canada - Canada	7,871	394	
National Financial Services Corp.	802,367	22,222	
NCB Stockbrokers Limited	1,743,290	7,900	

SCHEDULE OF BROKERS' COMMISSIONS
For Fiscal Year Ended June 30, 2010

Brokerage Firm	Number of Shares Traded	Total Commissions	
Needham & Company	287,212	14,115	
Neonet Securities Ab - Stockholm	318,548	5,39	
Nesbitt Burns Inc Toronto	54,277	2,73	
Nomura Securities International Inc.	15,791,441	157,85	
North South Capital LLC	20,800	95	
Northland Securities Inc.	3,550	17	
Numis Securities Limited - London	595,441	3,96	
NZB Neue Zuercher Bank	1,997	28	
Oddo Et Cie - Paris	967,511	18,15	
Okasan International (Asia) Ltd Hong Kong	8	12	
O'Neil, William & Company	69,988	3,11	
Oppenheimer And Company Inc.	747,814	20,77	
Oriel Securities Ltd London	446,972	3,82	
Pacific American Securities LLC	2,296,447	101,30	
Pacific Crest Securities	9,894	43	
Pali Capital Inc.	77,750	2,21	
Panmure Gordon And Company Limited	355,050	3,97	
Parel - Paris	133,194	4,39	
Patersons Securities Limited	277,314	1,12	
Penserra Securities LLC	227,550	2,27	
Penson Financil Servic Inc.			
	725,900	8,09	
Percival Financial Partners	2,700	8	
Pereire -TOD Ltd London	1,359,293	1,60	
Pershing and Company	13,098,335	128,92	
Pickering Energy Partners Inc.	9,710 752 810	48	
Piper Jaffray & Company	753,819	23,12	
Podesta & Company	5,750	24	
Pritchard Capital Partners LLC	6,051	30	
Pulse Trading LLD	53,889	1,80	
Raymond, James & Association Inc.	104,136	4,05	
RBC Capital Markets Corp.	1,748,368	45,42	
RBC Dain Rauscher Inc. BK NYC	107,319	3,05	
RBC Dexia Investor Services	12,444	12	
RBC Dominion Securities - Toronto	248,021	10,23	
RBS Securities Inc.	55,375	2,39	
Redburn Partners LLP	214,998	2,63	
Ridge Clearing And Outsourcing	127,268	4,03	
Ringfloor Limited	75,154	2,21	
Roberts & Ryan Investments Inc.	50,986	2,03	
Rodman & Renshaw LLC	19,300	55	
Roth Capital Partners, LLC	24,975	1,21	
Salomons Nominees Austraclr SALS20	246,827	5,07	
Sanders Morris Mundy	22,475	59	
Sandler O'Neill & Partners LP	64,300	2,72	
Sanford C. Bernstein & Company LLC	10,711,792	89,55	
Santander Investment Services SA	480,926	4,88	
Scotia Capital Markets - Toronto	140,757	6,14	

Brokerage Firm	Number of Shares Traded	Total Commissions	
SG Americas Securities LLC	1,647,684	19,923	
SG Cowen Securities Corp, New York	276,634	7,946	
SG Securities (Hk) Limited	287,481	11,215	
Sidoti & Company, LLC	246,512	11,862	
SIS Sega Intersettle AG - Zurich	29,069	2,464	
Skandinaviska Enskilda Banken	22,010	9,587	
Societe Generale - Paris	2,587,667	36,304	
Soleil Securities Corp.	37,082	1,910	
Southwest Securities Inc.	15,509	517	
State Street Global Markets Llc.	1,280,422	13,442	
Stephens, Inc.	2,525,987	3,312	
Sterne Agee & Leach Inc.	93,653	3,460	
Stifel Nicholaus & Company Inc.	593,973	26,617	
Stuart Frankel & Company Inc.	55,502	36	
Suntrust Capital Markets, Inc.	117,255	4,534	
Svenska Handelsbanken, Stockholm	225,546	13,653	
Tachibana Securities Hong Kong Ltd.	259	125	
TD Waterhouse Investor Services Inc.	56,296	1,126	
The Bank Of New York	4,813,014	124,378	
The Benchmark Company LLC	12,984	600	
The Royal Bank Of Scotland N.V.	12,225,706	76,365	
The Williams Capital Group LP	3,778,318	109,819	
Thinkequity Partners LLC	236,454	10,092	
Thomas Weisel Partners LLC	576,843	16,488	
Toronto Dominion Securities Toronto	20,608	924	
Toussaint Capital Partners LLC	10,205	266	
U.S. Bancorp Piper Jaffray Inc.	192,913	9,956	
U.S. Clearing Corp. Santanders	54,087	2,163	
UBS Securities Ltd Taiwan Branch	19,308,705	228,535	
UOB Kay Hian Pte Limited	23,914	35	
Valores Finamex Mexico	14,976	1,302	
Vandham Securities Corp.	11,844	407	
Wedbush Morgan Securities Inc.	166,261	5,857	
Weeden & Company	28,770,185	323,593	
Wells Fargo Investment LLC	619,000	3,667	
Westdeutsche Landesbank, Duesseldorf	3,357	75	
WH Ireland Stephens And Company Limited	45,692	278	
William Blair Company - Chicago Settle	43,686	2,184	
Wunderlich Securities Inc.	12,170	524	
Yamner & Company Inc.	912,096	9,960	
Yuanta Core Pacific Securities	13,369	1,814	
Total	743,323,478	6,570,290	

# New York City Employees' Retirement System

## SCHEDULE OF INVESTMENT EXPENSES

#### For Fiscal Year Ended June 30, 2010

#### Investment Expenses Paid from the Investment Earnings of the Plan :

Fees Paid to Investment Advisors for F	Y 2010 Services
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136,142,288

4,436,737

See Schedule of Fees Paid to Investment Advisors and Consultants beginning on Page 92

#### Fees Paid to Investment Consultants :

Callan Associates, Inc.	1,094,602	
Foster, Pepper, & Shefelman PLLC (Legal)	64,485	
Beus Gilbert PLLC (Legal)	20,157	
Morgan, Levis & Bockius, LLP (Legal)	86,121	
Nixon Peabody, LLp (Legal)	26,891	
Pacific Corporate Advisors, Inc.	2,284,375	
Pension Consulting Alliance, Inc.	82,500	
Pillsbury Winthrop Shaw Pittman, LLP (Legal)	9,626	
PriceWaterhouse Coopers	5,013	
Reinhart Boerner Van Deuren (Legal)	17,371	
SEC Board of India (Legal)	2,500	
Seward & Kissel, LLP (Legal)	46,597	
S.R. Batliboi & Co.	22,345	
The Townsend Group	673,883	
Venezuelan Tax Consultant KPMG	272	

# **Total Investment Consultant Fees**

Private Equity Organizational Costs	28,843,513
Real Estate Partnership Organizational Costs	3,146,676
Foreign Taxes Withheld	1,120,036
Miscellaneous Investment Expenses	1,571,461
Total Investment Expenses Paid Directly by the Plan	175,260,711
Fee Expenses Related to Securities Lending Transactions	3,328,567
Total Investment Expenses and Fees Paid Directly by the Plan	178,589,278
Total Investment Expenses Paid by the NYC Comptroller's Office	3,011,024
Total Investment Expenses and Fees	\$181,600,302

# New York City Employees' Retirement System

# Summary of Administrative Expenses Fiscal Year Ended June 30, 2010

# **Expenses Incurred Directly by NYCERS**

Personal Services			
Employee Compensation	\$	31,527,659	31,527,659
Professional Services:		(1( 244	
Medical Board & Medical Consultants		616,344	
Steno for Medical & Trustees' Board		50,671	
Data Processing Consultants		4,140,649	
Other Consultants		594,822 32,009	5,434,495
NY State Insurance Dept. Examiners		52,009	5,454,495
Communication:			
Printing		222,605	
Postage		521,936	
Telephone		296,930	1,041,471
Rentals:			
Office & Storage Space	_	4,278,903	4,278,903
Other:			
		2 220 014	
Office and Data Processing Equipment Equipment Maintenance		2,329,014 1,137,527	
Facilities Services		775,262	
Office Supplies & Services		1,373,787	
Software, Licenses, & Support		1,062,481	
Depreciation		715,000	7,393,071
Depresiation		/15,000	7,575,071
Total Direct NYCERS' Expenses			49,675,599
Expenses Incurred by Other City Agencies:			
Office of the Comptroller		903,597	
Law Department		676,737	
Office of Management and Budget		251,621	
Financial Information Services		1,745,217	
Office of Payroll Administration	_	186,626	
Total NYCERS' Expenses Incurred by the City of New York			3,763,798
Total Administrative Expenses			\$ 53,439,397

# New York City Employees' Retirement System

# SCHEDULE OF PAYMENTS TO CONSULTANTS For Fiscal Year Ended June 30, 2010

Firm	Nature of Services	Fee
Alpha-Omega Change Engineering	Consultant services	\$ 285,165
Aron, Milton	Consultant services	31,187
Auburn Technical Services Group, Inc.	Computer services	133,313
Cipher Techs	Computer services*	(5,000)
Comsys Services, LLC	Computer services	191,355
Crenades, Margaret	Consultant services	14,700
Dell Marketing L.P	Computer services	30,325
Design For Use, LLC	Computer services	72,400
Diaspark, Inc.	Computer services	283,875
Duffy Mancini	Architectural services	21,157
DynTek Services, Inc.	Computer services	39,000
enChoice	Imaging system design services	267,465
Gartner, Inc.	Computer services	11,520
Gilsanz, Murray, Steficek, LLP	Structural engineering services	4,250
Hunter Green Associates	Computer services	114,943
IBM Global Services	Computer services	2,876
Ineum Consulting, LLC	Audit and review services	25,000
Infinity System Software	Computer services	25,500
IPLogic, Inc.	Computer services	20,030
L.R. Wechsler Ltd	Computer services	691,800
Norex, Inc.	Consultant services	8,910
Numara Software	Computer services	41,760
O'Connor, Paul	Consultant services	50,000
Sharp Decisions, Inc.	Computer services	1,102,583
Sanders, Susan	Legal services	99,750
Syska Hennessy	Construction services	52,132
Tekmark Global Solutions, LLC	Computer services	72,330
Teksystems, Inc.	Computer services	62,160
The Fillmore Group	Computer services	178,440
US Tech Solutions	Computer services	506,152
Vignette Corporation	Imaging system design services	252,758
Websense, Inc.	Computer services	2,680
Zaidman, Margaret	Consultant services	11,480
ZeroChaos Lock Box	Computer services	 33,474
Total		\$ 4,735,471

\* Credit in fiscal year 2010 represents an overestimate of expenses recorded in fiscal year 2009.

Those readers desiring information on fees paid to investment professionals should refer to the Schedule of Fees Paid to Investment Advisors and Consultants.



# PART 3 INVESTMENT SECTION

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### **Investment Policies and Objectives**

The purpose of the New York City Employees' Retirement System is to provide to its members the benefits to which they are legally entitled. The funds necessary to finance these benefits are accumulated through the contributions of the members and participating employers, and the investment earnings of the Plan.

The Plan's Board of Trustees adopts investment policies. The Board is composed of eleven members: the Mayor who is the chairperson; the City Comptroller; the Public Advocate; the heads of the three unions with the largest number of participating employees, which are District Council 37-AFSCME, Transport Workers Union, Local 100, and the International Brotherhood of Teamsters, Local 237; and the five Borough Presidents. The Board creates the overall investment philosophy under which the Plan's funds are invested and, in defining the investment objectives, develops a framework under which specific objectives are established with regard to allocating the assets of the Plan among the various investment types. The following is a brief outline of the Plan's philosophy and objectives:

- In order for the Plan to meet its responsibility of providing its members with their legal entitlements to retirement and other benefits, the level of investment risk should be prudent and not jeopardize the Plan's financial stability. The Plan's assets must be protected from severe adverse market conditions and wide fluctuations in investment results.
- Since higher investment returns are generally associated with a certain amount of risk, it is reasonable and justified to assume a moderate level of risk in order to strengthen long term results.
- Diversification reduces the overall portfolio risk. This is achieved by allocating funds among different asset categories and then, within each category, having a broad representation of industries and companies. The bulk of the portfolio is in a very wide variety of domestic stocks and bonds. The Policy Mix consists of 41% in U.S. Equities, 18% in an International Investment Fund involving only New York City pension plans, 30% in U. S. Fixed Income, and 11% in Alternative Investments, which primarily include private equity and real estate investments. Public equity investments are allocated among passive, emerging markets, and approaches that focus on companies of various size capitalizations. Fixed income bonds are primarily allocated among government, government guaranteed mortgage-backed, and corporate securities. The Plan also invests a portion of its fixed income allocation in inflation-linked Treasury securities. Private Equity investments have expanded and broadened in scope to include international ventures as well as domestic. Real Estate related investments have also expanded. The intent of further diversification is to reduce the Plan's concentration in U.S. equity securities.
- Since retirement benefits are paid on a monthly basis, and other benefits such as loans, refunds and death benefits are paid weekly, the liquidity of the portfolio must be considered. The cash flow from employer contributions, dividends and interest must be structured so that benefits can be paid in a timely manner. A portion of the portfolio is kept in short term investments to ensure that this is so.
- Striving for long term results is the most reasonable objective for an institution such as a retirement system that is accumulating resources for liabilities that are primarily due in the distant future.

- Where the return is comparable to the risk, the Plan continued to increase its holdings of economically targeted investments (ETIs) in New York City. With the Plan financing the underlying mortgages ofboth low-income and middle-income housing in the City, many city residents have benefited from the increased access to affordable housing, as well as from the economic effect of the construction industry jobs that have been created. These targeted investments have resulted in the creation or rehabilitation of housing units and other properties, primarily in lower and moderate-income neighborhoods. Additional investments have also been made in the AFL-CIO's Housing Investment Trust and other Community Development organizations which also focus on meeting the needs for affordable housing in New York City. As part of this ETI program, the Plan has made additional capital commitments to a private equity fund whose investments are in businesses that create jobs and promote economic development in New York City.
- Investments are only made in accordance with the governing statutes of the New York City Administrative Code and the New York State Retirement and Social Security Law.
- The Board also determines the criteria used in evaluating the investment advisors. While the Board does utilize an investment consultant to provide technical support in the evaluation of asset mix and of its investment advisors, the Board members themselves take a very active role in determining the direction that the Plan is taking towards achieving its objectives. In addition, as well as being a Board member, the City Comptroller is the custodian of the funds of the Plan and oversees all of the City's pension trust funds. The Comptroller's Office is the avenue by which the Board's directives are implemented. It manages the actual flow of funds to the investment advisors, and it ensures that the investments recommended by the advisors meet the legal restrictions for plan investments. It also does its own performance analysis of individual advisors and of the Plan, and provides various cash receipts and cash disbursement services to the Plan.

### **Investment Accounting**

Investments are reported at fair value. Securities purchased pursuant to agreements to resell are carried at the contract price, exclusive of interest, at which the securities will be resold. Fair value is defined as the quoted market value at the end of the last trading day of the period, except for the International Investment funds (the "IIF") and Alternative Investment funds (the "ALTINVF"). The IIF are private funds of publicly traded securities which are managed by various investment managers on behalf of the Plan. Fair value is determined by Plan management based on information provided by the various investment managers. The investment managers determine fair value using the last available quoted price for each security owned, adjusted by any contributions to, or withdrawals from, the fund during the period. The ALTINVF are Investments for which exchange quotations are not readily available and are valued at estimated fair value as determined in good faith by the General Partner (GP). These investments are initially valued at cost with subsequent adjustments that reflect third party transactions, financial operating results and other factors deemed relevant by the GP. Fair value is determined by plan management based on information provided by and the custodian bank for the fund.

Purchases and sales of securities are recorded on the trade date.

Dividend income is recorded on the ex-dividend date. Interest income is accrued as earned.

### **Investment Criteria**

The criteria for non-equity investments are as follows:

Fixed income investments may be made only in U.S. Government securities, securities of government agencies backed by the U.S. Government, securities of companies rated BBB or better by both Standard & Poor's Corporation and Moody's Investors' Service, or any bond on the list of Legal Investments for New York Savings Banks, published annually by the New York State Banking Department.

Short-term investments may be made only in the following instruments:

U.S. Government securities or government agencies' securities which are fully guaranteed by the U.S. Government.

Commercial paper rated A1 or P1 or F1 by Standard & Poor's Corporation or Moody's Investors' Service, or Fitch, respectively.

Repurchase agreements collateralized in a range of 100% to 102% of matured value, purchased through primary dealers of U.S. Government securities.

Investments in bankers' acceptances, certificates of deposit, and time deposits are limited to banks with worldwide assets in excess of \$50 billion that are rated within the highest categories of the leading bank rating services and selected regional banks which are also rated within the highest categories.

The criterion for equity investments is that they may consist only of those stocks that meet the qualifications of the New York State Retirement and Social Security Law, the New York State Banking Law, and the New York City Administrative Code.

In addition, investments of up to 25.0% of total pension fund assets may be made in instruments not specifically covered by the New York State Retirement and Social Security Law.

No investment in any one corporation may represent more than either 2% of the Plan net assets or 5% of the corporation's total outstanding issues.

Cash deposits are insured by the Federal Deposit Insurance Corporation for a maximum of \$250,000 per plan member and are, therefore, fully insured.

### **Investment Returns**

The Plan's returns on investments have generally been consistent with the broad market trends. Over time, the investment earnings have constituted, by far, the largest component of total Plan income, whether that is positive or negative for a given year. The fair value of the investment portfolio appreciated \$3.4 billion during fiscal year 2010, in contrast to depreciating \$8.1 billion during fiscal year 2009. The turnaround in fiscal year 2010 resulted from general appreciation on a broad scale. In order of magnitude, the categories of domestic equities, fixed income, private equity, and international equities led the way. The Table of Revenue by Source on page 169 outlines the contributions to Plan revenue from investment earnings, employees, and employers.

It is important that, in the long term, the value of the Plan's investment portfolios continue to grow and continue to generate increased income to ensure that the funding of the Plan not become a burden to its participating employers. This is of vital importance, as municipal employers are striving to contain costs, particularly in light of recent economic conditions that have resulted in decreased tax revenues. Having a retirement system that is largely self-sufficient, in terms of the revenue stream being generated by its investments, allows employers to use those savings to meet other needs of its constituents. We believe that we have a strong diversified investment portfolio that, in the long run, will recover in conjunction with the rest of the national and international economies. At this point in time, however, the participating employers are feeling the stress of being compelled to increase their level of contributions to the Plan, in order make up for prior years' investment losses.

The total fair value of the Plan's investment portfolio as of June 30, 2010 was \$38,874,626,000, which included Collateral from Securities Lending of \$2,917,164,000. This is shown in detail in the Investment Summary on page 113, and is consistent with the Statement of Plan Net Assets on page 70. However, the portfolio percentages that are used below and in the Asset Allocation charts on pages 114 and 115 are based on \$35,957,462,000, which is net of the Securities Lending Collateral.

The total return on Plan assets during 2010 was 14.09%, which exceeded the NYCERS Policy Benchmark of 13.63%.

Domestic Equities, which comprise 41.5% of the total portfolio, returned 16.33%, which was better than the Russell 3000 Index of 15.72%. Approximately 80% of the domestic equity portfolio is passively managed, with the remaining 20% being actively managed by various managers with diverse investment strategies, such as specializations in value, growth, small capitalization stocks, or emerging markets.

The International Equity portfolio is externally managed as part of a fund that only includes NYC retirement systems as shareholders. It makes up 14.6% of the total portfolio, and it contributed a return of 12.30%, a good deal better than the MSCI EAFE World Index of 10.77%.

The U.S. Long-term Fixed Income segment, externally managed and constituting 32.4% of the portfolio, returned 14.75% on the total segment, which consists of two main components. The Structured Managed Program returned 13.54%, as compared to the NYC Core Plus Five Index of 10.49%, and the Enhanced Yield component returned 21.09%, compared to the Citigroup BB & B index of 19.38%.

The Short-Term Investment return has decreased to .96% from last year's return of 2.68%.

All investment results are time-weighted rates of return that are reported gross of fees, and are based on market values.

Listings of the Plan's investment securities are available upon request.

The Finance Division of the Plan has prepared this Report on Investment Activity and Policies. It is based on the investment policies of the Plan's Board of Trustees, New York State regulations governing the Plan, documents provided by the NYC Comptroller as the custodian of the Plan, and the Plan's internal documents.

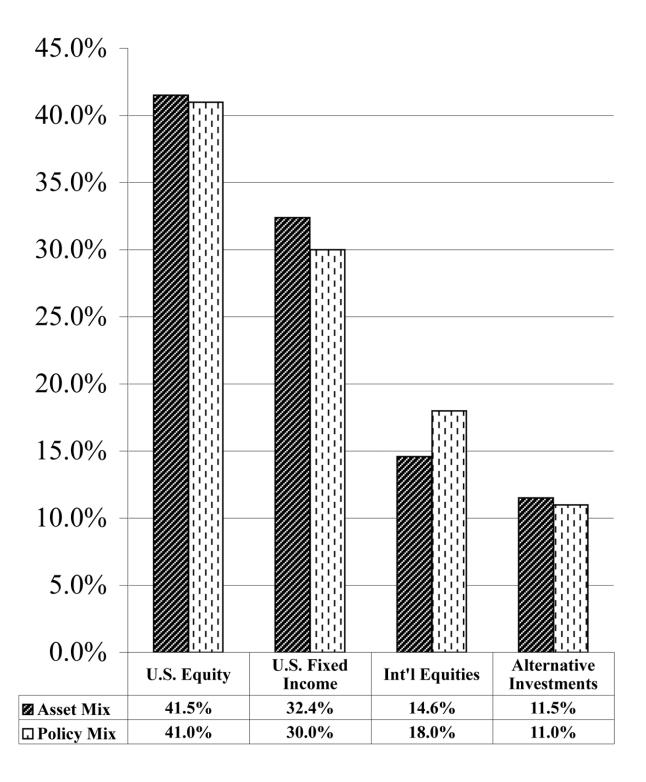
### New York City Employees' Retirement System

### INVESTMENT SUMMARY AS OF JUNE 30, 2010 (in thousands of dollars)

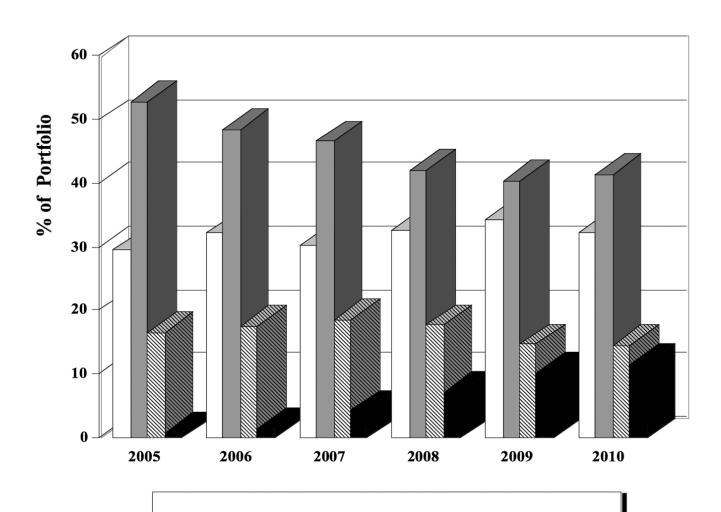
Type of Investment			arket Value as of ne 30, 2010	Percent of Total Market Value
Short Term Investments		\$	1,999,909	5.1%
Fixed Income Debt Securit	ies - Long Term			
U.S. C	Government		3,856,267	9.9%
Corpo	rate		4,538,433	11.7%
Yanke	e (Int'l)		60,160	0.2%
Total Fixed Income Debt S	ecurities - Long Term		8,454,860	21.8%
Total Fixed Income			10,454,769	26.9%
Private Equity Holdings			4,122,908	10.6%
Equities - domestic			14,865,897	38.2%
Mutual Funds:				
Interna	ational equity		5,259,017	13.5%
Dome	stic equity		74,391	0.2%
Mortg	ages		216,159	0.6%
TIPS			945,309	2.4%
Total Mutual Funds			6,494,876	16.7%
Promissory Notes			19,012	0.1%
Collateral From Securities	Lending	<u>.</u>	2,917,164	7.5%
Total Investments		\$	38,874,626	100.00%

### New York City Employees' Retirement System

### ASSET ALLOCATION AND POLICY MIX



(as of June 30, 2010)



### ASSET ALLOCATION June 30, 2005 - June 30, 2010

□ US Fixed Income ■ US Equity 🖄 Non-US Equity ■ Alternative Investments

### New York City Employees' Retirement System

### LIST OF LARGEST EQUITY HOLDINGS (At Fair Value) June 30, 2010

		Jule 30, 2010		Percent of
	Shares	Security	Fair Value	<b>Domestic Equities</b>
1	6,618,156	Exxon Mobil Corporation	\$ 377,698,145	2.54%
2	1,060,359	Apple Inc.	266,712,099	1.79%
3		Microsoft Corporation	224,060,956	1.51%
4	3,584,522	Johnson & Johnson	211,701,869	1.42%
5		Procter & Gamble Company	209,509,000	1.41%
6		General Electric Corporation	195,608,555	1.32%
7	1,569,091	International Business Machines Corporation	193,751,357	1.30%
8	7,956,875	AT&T Inc.	192,476,806	1.29%
9	12,921,011	Bank Of America Corporation	185,674,928	1.25%
10		JPMorgan Chase & Company	185,431,700	1.25%
11		Chevron Corporation	181,239,402	1.22%
12	2,067,009	Berkshire Hathaway Inc.	164,719,947	1.11%
13	6,250,313	Wells Fargo & Company	160,008,013	1.08%
14		Cisco Systems Inc.	146,900,485	0.99%
15	3,021,827	Wal Mart Stores Inc.	145,259,224	0.98%
16	10,147,581	Pfizer Inc.	144,704,505	0.97%
17	7,046,812	Intel Corporation	137,060,493	0.92%
18	2,697,121	Coca-Cola Company	135,179,705	0.91%
19	3,816,471	Merck & Company Inc.	133,461,991	0.90%
20	287,208	Google Inc.	127,793,200	0.86%
21	2,909,455	Hewlett Packard Company	125,921,212	0.85%
22	2,036,073	PepsiCo Inc.	124,098,649	0.83%
23	3,991,553	Verizon Communications Inc.	111,843,315	0.75%
24	2,274,304	Conoco Philips	111,645,583	0.75%
25	28,171,986	Citigroup Inc.	105,926,667	0.71%
26	4,742,120	Oracle Corporation	101,765,895	0.68%
27	2,000,386	Abbott Laboratories	93,578,057	0.63%
28	1,975,809	Philip Morris International Inc.	90,571,085	0.61%
29	1,322,992	McDonald's Corporation	87,145,483	0.59%
30	639,225	Goldman Sachs Group Inc.	83,911,066	0.56%
31		Occidental Petroleum Corporation	77,044,922	0.52%
32	1,183,282	United Technologies Corporation	76,806,835	0.52%
33		Disney, Walt Company	76,408,007	0.51%
34		Schlumberger Limited	76,327,972	0.51%
35	917,864	3M Company	72,502,077	0.49%
36	-	Kraft Foods Inc.	67,687,536	0.46%
37	2,019,174	Qualcomm Inc.	66,309,674	0.45%
38	1,056,662	Boeing Company	66,305,541	0.45%
39		Amgen Inc.	65,049,526	0.44%
40	2,257,247	Home Depot Inc.	 63,360,923	0.43%
			\$ 5,463,162,405	36.76%

A full list of the Plan's securities is available upon request.

### LIST OF LARGEST BOND HOLDINGS (At Fair Value) June 30, 2010

	Security Description		Fair value	Percent of Long Term Fixed Income
1	FNMA Securities	\$	1,764,326,328	20.87%
2	U.S. Treasury Securities	-	861,554,862	10.19%
3	Federal Home Loan Corp.		743,349,310	8.79%
4	GNMA Securities		332,753,007	3.94%
5	Community/Economic Development Bonds		143,562,536	1.70%
6	J.P. Morgan Chase & Subsidiaries		86,214,322	1.02%
7	Citigroup & Subsidiaries		71,473,499	0.85%
8	Bank America Corp.		69,452,205	0.82%
9	Morgan Stanley		57,951,863	0.69%
10	Wells Fargo Inc.		55,984,488	0.66%
11	Goldman Sachs Group		52,644,917	0.62%
12	Tennessee Valley Authority		49,007,260	0.58%
13	General Electric Company		44,739,480	0.53%
14	Resolution Funding Corp.		38,526,049	0.46%
15	Time Warner Inc.		36,387,140	0.43%
16	AT&T & subsidiaries		35,117,568	0.42%
17	CWALT Inc.		33,780,269	0.40%
18	Ally Financial & subsidiaries		33,833,612	0.40%
19	Kraft Foods Inc.		31,269,465	0.37%
20	Comcast Corp.		31,221,803	0.37%
21	HCI Inc.		30,159,031	0.36%
22	Federal Home Loan Banks		29,484,392	0.35%
23	Ford Motor Company & subsidiaries		27,917,002	0.33%
24	Financing Corp.		27,860,183	0.33%
25	El Paso Corp.		27,852,640	0.33%
26	International Lease Finance Corp.		27,045,325	0.32%
27	Qwest Corp. & Subsidiaries		24,933,675	0.29%
28	Credit Suisse Inc.		23,967,623	0.28%
29	SLM Corp.		23,224,993	0.27%
30	CIT Group Inc.		23,222,438	0.27%
31	American Express Corp.		22,661,623	0.27%
32	Valeant Pharmaceuticals International		22,099,069	0.26%
33	Sprint Nextel Corp. & subsidiaries		21,777,663	0.26%
34	Verizon Communication Inc. & subsidiaries		21,022,564	0.25%
35	NII Holdings		20,278,970	0.24%
36	Altria Group Inc.		20,063,748	0.24%
37	CVS Corp.		19,902,365	0.24%
38	Israel Government		19,896,894	0.24%
39	Roche Holdings Inc.		19,288,604	0.23%
40	Chesapeake Energy Corp.		18,969,076	0.22%
		\$	5,044,777,860	59.69%

This table lists the issuers of NYCERS' 40 largest long term fixed income securities. For most issuers, the amount shown is comprised of multiple securites with various maturity dates and interest rates.

### New York City Employees' Retirement System

### SCHEDULE OF INVESTMENT RESULTS TIME-WEIGHTED RATES OF RETURN

	Year 2010	Ended Ja 2009	une 30 2008	3 Years	5 Years	10 Years
Total Portfolio	14.09	(18.18)	(4.96)	(3.91)	2.90	2.46
NYCERS' Policy Benchmark	13.63	(17.98)	(5.44)	(4.15)	2.68	2.27
Managed by Outside Advisors Domestic Equities Segment	16.33	(26.16)	(12.84)	(9.17)	(.32)	(.85)
Domestic Russell 3000 Index	15.72	(26.57)	(12.68)	(9.47)	(.48)	(.92)
International Equities Fund Segment	12.30	(31.76)	(7.07)	(10.76)	3.49	1.46
MSCI World Index	10.77	(29.00)	(10.17)	(10.93)	.61	.52
Domestic Fixed Income Segment	14.75	3.29	6.45	8.05	6.19	7.10
Structured Managed Program	13.54	5.78	6.94	8.70	6.25	7.21
NYC Core Plus Five Index	10.49	7.40	7.67	8.51	6.03	7.01
Enhanced Yield	21.09	(1.28)	0.11	6.17	6.64	6.89
Citigroup BB & B Index	19.38	(7.58)	(1.09)	2.95	4.66	5.90
<u>In - House Portfolio</u> Short Term Investments	.96	2.68	4.51	2.70	3.57	3.55

The Investment results are based on the time-weighted rates of return, utilizing market values.



### PART 4 ACTUARIAL SECTION

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### **OFFICE OF THE ACTUARY**

75 PARK PLACE ● 9<sup>™</sup> FLOOR NEW YORK, NY 10007 (212) 442-5775 ● FAX: (212) 442-5777

ROBERT C. NORTH, JR. CHIEF ACTUARY

December 9, 2010

Board of Trustees New York City Employees' Retirement System 335 Adams Street, Suite 2300 Brooklyn, NY 11201-3751

### Re: Actuarial Information for the Comprehensive Annual Financial Report ("CAFR") for the Fiscal Year Ended June 30, 2010

Dear Members:

The financial objective of the New York City Employees' Retirement System (the "Plan") is to fund members' retirement benefits during their active service and to establish employer normal contribution rates that, expressed as a percentage of active member annualized covered payroll, would remain approximately level over the future working lifetimes of those active members and, together with member contributions and investment income, would ultimately be sufficient to accumulate assets to pay benefits when due.

An actuarial valuation of the Plan is performed annually as of the second June 30 preceding each fiscal year to determine the Employer Contributions to be paid for that fiscal year (i.e., June 30, 2008 (Lag) actuarial valuation to determine Fiscal Year 2010 Employer Contributions).

Under current law, Employers are required to contribute statutorily-required contributions ("Statutory Contributions") and these contributions are generally funded by Employers within the appropriate fiscal year.

Statutory Contributions for Fiscal Year 2010 were equal to the Annual Required Contributions as defined under Governmental Accounting Standards Board ("GASB") Statement Number 25 ("GASB 25") as amended by GASB Statement No. 50 ("GASB 50").

The Annual Required Contributions were computed in accordance with GASB 25 as amended by GASB 50 and are consistent with generally accepted actuarial principles.

### Actuarial Assumptions and Methods

Provided in this Actuarial Section of the CAFR is a "Summary of Actuarial Assumptions and Methods in Effect for the June 30, 2008 (Lag) Actuarial Valuation." These actuarial assumptions and methods were first employed in the June 30, 2004 (Lag) actuarial valuation that was used to determine Fiscal Year 2006 Employer Contributions to the Plan and are referenced in the Summary of Actuarial Assumptions and Methods as the August 2005 Report.

These actuarial assumptions and methods are unchanged from those employed in the June 30, 2007 (Lag) actuarial valuation that were used to determine Fiscal Year 2009 Employer Contributions to the Plan.

Note: For the June 30, 2008 actuarial valuation, the New York City Off-Track Betting Corporation ("OTB") was valued on a going-concern basis.

### Benefits and Census Data

A summary of the benefits applicable to Plan members included in the June 30, 2008 (Lag) actuarial valuation is shown earlier in the Introductory Section of the CAFR.

Not included in the summary of benefits are the benefit provisions applicable to certain members who join the Plan on and after July 1, 2010.

Census data are submitted by the Plan's administrative staff and by the employers' payroll facilities and are reviewed by the Office of the Actuary ("OA") for consistency and reasonability.

A summary of the census data used in the June 30, 2008 (Lag) actuarial valuation is included in this CAFR. A summary of the census data used in the June 30, 2007 (Lag) actuarial valuation of the Plan is available in the June 30, 2009 CAFR.

### Funded Status

The Funded Status of the Plan is expressed in various relationships of Assets to Liabilities.

With respect to the Funded Status of the Plan, included in the Financial Section of the CAFR is a Schedule of Funding Progress (Schedule 1).

Included in the Actuarial Section of the CAFR is a Solvency Test (i.e., Comparative Summary of Actuarial Values and Percentages Covered by Actuarial Value of Assets) as prescribed by the Government Finance Officers Association ("GFOA"). This Solvency Test represents an alternative approach to describing progress toward funding objectives.

In addition to the Schedule of Funding Progress and the Solvency Test, included for informational purposes in the Actuarial Section of the CAFR (following the Solvency Test) is an Additional Discussion of Plan Funding and Other Measures of Funded Status that provides different comparisons between the Assets and Liabilities of the Plan. Included in this Other Measures of Funded Status discussion is information consistent with the disclosure expectations of GASB 50.

### Presentation Style and Sources of Information

The actuarial information herein is being presented in a manner believed to be consistent with the requirements of the GFOA and, where applicable, with GASB 25 which was adopted for financial reporting purposes beginning Fiscal Year 1995 and with GASB 50 which was adopted for financial reporting purposes beginning Fiscal Year 2008.

The Additional Discussion of Plan Funding and Other Measures of Funded Status represents additional information provided by the Actuary to assist those users who desire alternative disclosures.

As prescribed by GASB 25 as amended by GASB 50, included in the Financial Section of the CAFR are the following schedules prepared by the OA:

- Schedule of Funding Progress.
- Schedule of Employer Contributions.
- Schedule of Actuarial Assumptions and Methods.

The following schedules in the Actuarial Section of the CAFR were prepared by the OA:

- Summary of Actuarial Assumptions and Methods in Effect for the June 30, 2008 (Lag) Actuarial Valuation.
- Comparative Summary of Actuarial Values and Percentages Covered by Actuarial Value of Assets Solvency Test.
- Additional Discussion of Plan Funding and Other Measures of Funded Status.
- Statutory vs. Annual Required Contributions.
- Active Member Valuation Data.
- Participating Employers.
- Number and Salary of Active Members by Occupational Position as of June 30, 2008 (Lag) Actuarial Valuation.
- Number of Active Members by Occupational Position and Age as of June 30, 2008 (Lag) Actuarial Valuation.
- Number of Active Members by Occupational Position and Years of Service as of June 30, 2008 (Lag) Actuarial Valuation.
- Retirants and Beneficiaries Added to and Removed from Rolls.

The following information and schedules in other sections of the CAFR were prepared by the OA:

- Summary of Plan Membership.
- Schedule of Participating Employers.

If you have any questions about any of the information in this Actuarial Section or any of the actuarial information presented elsewhere in this CAFR, please do not hesitate to contact Mr. John R. Gibney, Jr., Mr. Edward Hue or me.

I, Robert C. North, Jr., am the Chief Actuary for the New York City Retirement Systems. I am a Fellow of the Society of Actuaries and a Member of the American Academy of Actuaries. I meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Respectfully submitted,

Rotat caraly

Robert C. North, Jr., FSA, MAAA Chief Actuary

Att.

RCN/bs

cc: Ms. D. D'Alessandro Mr. J.R. Gibney Mr. M.A. Goldson Mr. J.D. Hartman Mr. E. Hue

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION

(1) Based, in part, upon a review of an October 2003 experience study by Gabriel, Roeder, Smith & Company ("GRS"), the Actuary issued an August 29, 2005 Report entitled "Proposed Changes in Actuarial Assumptions and Methods for Determining Employer Contributions for Fiscal Years Beginning on and After July 1, 2005 for the New York City Employees' Retirement System" ("August 2005 Report"). Where required, the Board of Trustees of the Plan adopted those changes to actuarial assumptions that required Board approval and the State Legislature and the Governor enacted Chapter 152 of the Laws of 2008 ("Chapter 152/06") to provide for those changes to the actuarial assumptions and methods that required legislation, including the Actuarial Interest Rate ("AIR") assumption of 8.0% per annum.

Chapter 152/06 provided for the changes in actuarial assumptions and methods that require legislation, including the continuation of the AIR assumption of 8.0% per annum and continuation of the current Frozen Initial Liability ("FIL") Actuarial Cost Method and the existing Unfunded Actuarial Accrued Liability ("UAAL"). In addition, Chapter 152/06 provided for elimination of the use of the ten-year phase-in of Chapter 278 of the Laws of 2002 ("Chapter 278/02") for funding the additional actuarial liabilities created by the benefits provided by Chapter 125 of the Laws of 2000 ("Chapter 125/00").

- (2) The investment rate of return assumption is 8.0% per annum.
- (3) The mortality tables for service and disability pensioners were developed from an experience study of the Plan's pensioners. Sample probabilities by certain occupational groups are shown in Tables 1A and 1B.
- (4) Active Service tables by certain occupational groups are used to estimate various withdrawals from Active Service. Sample probabilities are shown in Table 2 for members withdrawing from Active Service due to Death or Disability, in Table 3 for members withdrawing from Active Service for Other Than Death or Disability or Retirement and in Table 4 for members withdrawing from Active Service for Service for Service Retirement.
- (5) Salary Scales are used to estimate salaries at termination, retirement or death. Sample percentage increases are shown in Table 5 by certain occupational groups. The Salary Scales include a General Wage Increase ("GWI") assumption of 3.0% per annum.
- (6) The economic assumptions (i.e., the assumed investment return rate, GWI rate and Cost-of-Living Adjustments ("COLA")) were developed assuming a long-term Consumer Price Inflation ("CPI") assumption of 2.5% per annum. The COLA assumption is 1.3% per annum.
- (7) The valuation assumes a closed group of members. Salaries of members on the valuation date are assumed to increase in accordance with the Salary Scales.
- (8) The Frozen Initial Liability Actuarial Cost Method is utilized by the Plan's Actuary to calculate the employer contributions. Under this Actuarial Cost Method, the Initial Liability was reestablished under the Entry Age Actuarial Cost Method as of June 30, 1999 but with the UAAL not less than \$0.

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

Under this method, the excess of the Actuarial Present Value ("APV") of projected benefits of members as of the valuation date, over the sum of the Actuarial Asset Value ("AAV") plus UAAL, if any, and APV of future employee contributions, is allocated on a level basis over the future earnings of members who are on payroll as of the valuation date. Actuarial gains and losses are reflected in the employer normal contribution rate.

All outstanding components of the UAAL are being amortized over fixed periods.

Chapter 85 of the Laws of 2000 ("Chapter 85/00") reestablished the UAAL and eliminated the Balance Sheet Liability ("BSL") for actuarial purposes as of June 30, 1999.

The schedule of payments toward the reestablished UAAL provides that the UAAL, if any, be amortized over a period of 11 years beginning Fiscal Year 2000, where each annual payment after the first annual payment equals 103% of its preceding annual payment. However, the initial UAAL as of June 30, 1999 equaled \$0 and no amortization period was required.

Chapter 69 of the Laws of 2002 established a UAAL as of June 30, 2003 for an Early Retirement Incentive (Part A only). This UAAL was amortized on a level basis over a period of five years beginning Fiscal Year 2004.

Note: Because the UAAL equals zero as of June 30, 2008, the financial results using this Frozen Initial Liability Actuarial Cost Method are the same as those that would be produced using the Aggregate Actuarial Cost Method.

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

(9) One-Year Lag Methodology uses a June 30, 2008 ("Lag") valuation date to determine Fiscal Year 2010 Employer Contributions.

This methodology requires technical adjustments to certain components used to determine Fiscal Year 2010 Employer Contributions as follows:

• Present Value of Future Salary ("PVFS").

The PVFS at June 30, 2008 is reduced by the value of salary projected to be paid during Fiscal Year 2009.

• Salary for Determining Employer Contributions.

Salary used to determine the employer Normal Cost is the salary projected to be paid during Fiscal Year 2010 to members on payroll at June 30, 2008.

• Present Value of Future Normal Costs ("PVFNC").

The PVFNC at June 30, 2008 is reduced by the discounted value of the Fiscal Year 2009 Employer Contribution (after offsetting for any UAAL payments).

(10) Beginning with the June 30, 2004 (Lag) actuarial valuation, the Actuarial Asset Valuation Method ("AAVM") was changed to a method which reset the AAV to Market Value (i.e., "Market Value Restart") as of June 30, 1999. As of each June 30 thereafter the AAVM recognizes investment returns greater or less than expected over a period of six years.

Under this revised AAVM, any Unexpected Investment Returns ("UIR") for Fiscal Years 2000 and later are phased into the AAV beginning the following June 30 at a rate of 15%, 15%, 15%, 15%, 20% and 20% per year (or cumulative rates of 15%, 30%, 45%, 60%, 80% and 100% over a period of six years).

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

These revised averaging factors were applied against the UIR computed under the prior five-year AAVM used for Fiscal Years 2000 to 2004.

The revised AAVM was utilized for the first time in the June 30, 2004 (Lag) actuarial valuation to determine the Fiscal Year 2006 Employer Contribution in conjunction with the One-Year Lag Methodology and the revised economic and noneconomic assumptions.

AAVM in effect for the June 30, 2008 (Lag) actuarial valuation is unchanged from the AAVM used in the June 30, 2007 (Lag) actuarial valuation.

(11) The obligations of New York City Employees' Retirement System ("NYCERS") to the Housing Police Officers' Variable Supplements Fund ("HPOVSF"), Housing Police Superior Officers' Variable Supplements Fund ("HPSOVSF"), Transit Police Officers' Variable Supplements Fund ("TPOVSF"), Transit Police Superior Officers' Variable Supplements Fund ("TPSOVSF") and Correction Officers' Variable Supplements Fund ("COVSF") (referred to collectively as "NYCERS VSFs") are recognized through the Liability Valuation Method.

Under this method the APV of Future SKIM from NYCERS to the NYCERS VSFs is included directly as an actuarial liability of NYCERS. SKIM is either a portion of the excess earnings on equity securities of NYCERS that are transferable to an individual NYCERS VSF or the amount in excess of existing assets needed in any given Fiscal Year by an individual NYCERS VSF to pay expected and/or guaranteed benefits. The APV of Future SKIM is computed as the excess, if any, of the APV of expected benefits of each individual NYCERS VSF over the AAV of that individual NYCERS VSF.

- (12) The Actuarial Present Value of Future Benefits ("APVB") as of June 30, 2008, used to determine the Fiscal Year 2010 Employer Contributions, includes estimates of liabilities for:
  - World Trade Center Disability Benefits
  - World Trade Center Death Benefits

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

- (13) The Actuarial Assumptions and Methods are generally unchanged from the June 30, 2007 (Lag) actuarial valuation.
- (14) The salary data was adjusted to reflect overtime earnings. See Table in Item 16.
- (15) A Dual Overtime assumption (i.e., a Baseline Overtime assumption for most years and a separate overtime assumption for the years included in the calculation of Final Salary or Final Average Salary) was introduced as of June 30, 1995. The following table summarizes the overtime assumptions currently in use:

			D	ual Assumptions <sup>(1</sup>	)(2)	
Group	Baseline Assumption <sup>(3)</sup>	Tier I Service <sup>(4)</sup>	Other Service <sup>(4)</sup>	Tier I Disability	Other Disability	Other Benefits
General	4%	4%	4%	4%	4%	4%
Transit	8%	16%	12%	6%	6%	8%
MTABT <sup>(5)</sup>	20%	24%	22%	10%	16%	20%
Sanitation <sup>(6)</sup>	20%	24%	22%	10%	16%	20%
Corrections <sup>(7)</sup>	12%	16%	14%	6%	10%	12%

(16) For the June 30, 2008 actuarial valuation, the New York City Off-Track Betting Corporation ("OTB") was valued on a going-concern basis.

- <sup>(3)</sup> Overtime earned on an ongoing basis during a member's career. Baseline Overtime is included in "Salary Base for Pensions."
- <sup>(4)</sup> Applies to both unreduced and reduced Service Retirements.
- <sup>(5)</sup> TBTA, also known as MTA Bridges and Tunnels or "MTABT", amounts shown are for employees with 20 years of service. Baseline Overtime assumption equals 0% at zero years of service increasing uniformly to a maximum of 20% at 20 and more years of service. Dual Overtime assumption (i) equals Baseline Overtime assumption plus 4% for Tier I and plus 2% for Tier II, III and IV Service Retirees and (ii) Baseline Overtime assumption multiplied by 50% for Tier I and by 80% for Tier II, III and IV Disability Retirees.
- <sup>(6)</sup> Amounts shown are for employees with 20 years of service. Baseline Overtime assumption equals 10% at zero years of service increasing uniformly to a maximum of 20% at 20 and more years of service. Dual Overtime assumption equals (i) Baseline Overtime assumption plus 4% for Tier I and plus 2% for Tier II, III and IV Service Retirees and (ii) Baseline Overtime assumption multiplied by 50% for Tier I and by 80% for Tier II, III and IV Disability Retirees.
- (7) Amounts shown are for employees with 20 years of service. Baseline Overtime assumption equals 6% at zero years of service increasing uniformly to a maximum of 12% at 20 and more years of service. Dual Overtime assumption equals (i) Baseline Overtime assumption plus 4% for Tier I and plus 2% for Tier II, III and IV Service Retirees and (ii) Baseline Overtime assumption multiplied by 50% for Tier I and by 80% for Tier II, III and IV Disability Retirees. Amount shown in Table VI for Tier II Disability is rounded to nearest percent.

<sup>&</sup>lt;sup>(1)</sup> Overtime earned on an ongoing basis during a member's career plus or minus an adjustment to estimate the amount of overtime earned in the year before retirement used to determine benefits.

<sup>(2)</sup> Comparable adjustments to these percentages would be made for benefits calculated using salary computed over different averaging periods.

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### TABLE 1A

### **Deaths among Service Pensioners**

### (Percentage of Pensioners Dying within Next Year)

		Except and Transit Police		Police and <u>("HP and TP")</u>
Age	Males	<u>Females</u>	Males	Females
40	0.1209%	0.0677%	0.1151%	0.0677%
45	0.3925	0.1185	0.1966	0.1185
50	0.6640	0.2205	0.2781	0.2205
55	1.0351	0.3840	0.6901	0.3840
60	1.3866	0.7143	1.0416	0.7143
65	2.1971	1.1649	1.4900	1.1649
70	3.1053	1.7416	2.2892	1.7416
75	4.2868	2.8009	3.4415	2.8009
80	7.2749	4.6138	5.1995	4.6138
85	10.8977	7.2110	8.4060	7.2110
90	16.5712	12.2729	13.7899	12.2729
95	24.6685	19.4640	20.5460	19.4640
100	32.8097	28.6331	30.1977	28.6331
105	49.9036	47.3182	49.9036	47.3182
110	100.0000	100.0000	100.0000	100.0000

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### TABLE 1B

### **Deaths among Disability Pensioners**

### (Percentage of Pensioners Dying within Next Year)

	Sanitat	HP and TP, tion and on Officers	HP ar	<u>nd TP</u>	Sanitat <u>Correctio</u>	ion and <u>n Officers</u>
Age	Males	Females	Males	<u>Females</u>	Males	<u>Females</u>
40	2.3055%	3.1297%	.1477%	.0817%	1.1527%	1.5649%
45	2.5505	3.2010	.2292	.1545	1.2753	1.6005
50	2.7639	3.2720	.4574	.2788	1.3820	1.6360
55	3.2012	3.3431	.8307	.5040	1.7607	1.8387
60	3.7649	3.4142	1.2209	.8895	2.2590	2.0485
65	4.4364	3.5556	1.6693	1.3978	2.8837	2.3111
70	5.3787	4.0596	2.7024	2.1653	3.7651	2.8417
75	6.8150	5.1494	3.9342	3.5260	5.1113	3.8621
80	9.0925	7.0032	6.0431	5.6527	7.2749	5.6025
85	12.2138	9.4462	9.9811	9.2358	10.8977	8.0293
90	16.8444	13.0674	16.4676	15.1220	16.5712	12.2729
95	24.6685	19.4640	23.8006	22.8306	24.6685	19.4640
100	32.8097	28.6331	36.7152	34.8130	32.8097	28.6331
105	49.9036	47.3182	62.8438	59.5880	49.9036	47.3182
110	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### TABLE 2

### Withdrawals from Active Service (Due to Death or Disability)

### (Percentage of Eligible Active Members Separating within Next Year)

<u>Age</u>		eident <u>Retirement</u>		linary <u>Retirement</u>	Accidental <u>Death</u>	Ordina	ry Death
_			(	General*			
	Males	Females	Males	<u>Females</u>	<u>All</u>	Males	Females
20 25 30 35 40 45 50 55 60 65 70	0.02% 0.02 0.02 0.02 0.02 0.02 0.02 0.02	0.01% 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.10% 0.10 0.15 0.20 0.30 0.40 0.50 0.50 0.50 NA	0.05% 0.05 0.05 0.10 0.20 0.30 0.40 0.40 0.40 NA	0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.040% 0.040 0.050 0.060 0.110 0.160 0.210 0.260 0.320 NA	0.020% 0.020 0.025 0.030 0.055 0.080 0.105 0.130 0.160 NA
			Trans	it Operating*			
20 25 30 35 40 45 50 55 60 65 70	0.02% 0.02 0.02 0.02 0.02 0.02 0.02 0.02	0.02% 0.02 0.02 0.02 0.02 0.02 0.02 0.02	0.10% 0.10 0.15 0.20 0.25 0.30 0.40 0.50 0.60 NA	0.10% 0.10 0.15 0.20 0.25 0.30 0.40 0.50 0.60 NA	.01% .01 .01 .01 .01 .01 .01 .01 .01 .01 .NA	0.040% 0.040 0.050 0.060 0.110 0.160 0.210 0.260 0.320 NA	0.020% 0.020 0.025 0.030 0.055 0.080 0.105 0.130 0.160 NA
			MTA Brid	ges and Tunnels	<b>5</b> *		
20 25 30 35 40 45 50 55 60 65 70	0.02% 0.02 0.03 0.05 0.07 0.08 0.09 0.10 0.10 0.10 NA	0.02% 0.02 0.02 0.02 0.02 0.02 0.02 0.02	0.03% 0.04 0.05 0.08 0.21 0.36 0.49 0.50 0.50 0.50 0.50 NA	0.04% 0.04 0.05 0.06 0.14 0.30 0.45 0.50 0.50 0.50 NA	.01% .01 .01 .01 .01 .01 .01 .01 .01 .NA	0.040% 0.040 0.050 0.060 0.110 0.160 0.210 0.260 0.320 NA	0.020% 0.020 0.025 0.030 0.055 0.080 0.105 0.130 0.160 NA

\* Assumed to retire immediately at age 70. See Tabulations of Membership and Beneficiaries for definition of "General."

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### TABLE 2

### (Cont'd)

### Withdrawals from Active Service (Due to Death or Disability)

### (Percentage of Eligible Active Members Separating within Next Year)

<u>Age</u>		rident <u>Retirement</u>		linary <u>Retirement</u>	Accidental <u>Death</u>	Ordina	ry Death
			S	anitation			
	Males	Females	Males	Females	All	Males	<u>Females</u>
20	0.20%	0.20%	0.20%	0.20%	0.01%	0.040%	0.020%
25	0.20	0.20	0.20	0.20	0.01	0.040	0.020
30	0.20	0.20	0.30	0.30	0.01	0.040	0.020
35	0.20	0.20	0.40	0.40	0.01	0.050	0.025
40	0.20	0.20	0.50	0.50	0.01	0.060	0.030
45	0.25	0.25	0.60	0.60	0.01	0.110	0.055
50	0.30	0.30	0.80	0.80	0.01	0.160	0.080
55	0.35	0.35	1.00	1.00	0.01	0.210	0.105
60	0.50	0.50	1.25	1.25	0.01	0.260	0.130
65	0.90	0.90	1.50	1.50	0.01	0.320	0.160
70	NA	NA	NA	NA	NA	NA	NA
			Corre	ction Officers			
20	0.05%	0.05%	0.10%	0.10%	0.01%	0.040%	0.020%
25	0.10	0.10	0.10	0.10	0.01	0.040	0.020
30	0.15	0.15	0.20	0.20	0.01	0.040	0.020
35	0.20	0.20	0.30	0.30	0.01	0.050	0.025
40	0.30	0.30	0.45	0.45	0.01	0.060	0.030
45	0.40	0.40	0.65	0.65	0.01	0.110	0.055
50	0.50	0.50	0.90	0.90	0.01	0.160	0.080
55	0.60	0.60	1.50	1.50	0.01	0.210	0.105
60	0.70	0.70	3.00	3.00	0.01	0.260	0.130
63	NA	NA	NA	NA	NA	NA	NA

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### Table 3

### Withdrawals for Other Than Death or Disability or Retirement

### Percentage of Active Members Withdrawing within Next Year

General Employees				
Years of <u>Service</u>	Probability of <u>Withdrawal</u>			
0	10.00%			
5	4.50			
10	3.00			
15	2.50			
20	2.00			
25	2.00			
30	2.00			
35	2.00			
40	2.00			

### **Transit Employees**

Years of Sourcian Malas	Females
<u>Service</u> <u>Males</u>	
0 12.00%	15.00%
5 3.00	4.00
10 2.50	3.50
15 2.00	3.00
20 1.50	2.50
25 1.50	2.50
30 1.50	2.50
35 1.50	2.50

### **MTABT Employees**

Years of <u>Service</u>	Probability of <u>Withdrawal</u>
0	5.00%
5	3.00
10	2.50
15	2.00
20	2.00
25	2.00
30	2.00
35	2.00

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### Table 3

### (Cont'd)

### Withdrawals for Other Than Death or Disability or Retirement

Percentage of Active Members Withdrawing within Next Year

Sanitatio	n Employees	
Years of <u>Service</u>	Probability of <u>Withdrawal</u>	
0	6.00%	
5	1.50	
10	1.00	
15	1.00	
20	1.00	
25	1.00	
30	1.00	
35	1.00	

С	Correction Employees	
Years <u>Servi</u>	· · · · · · · · · · · · · · · · · · ·	
0	10.00%	
5	4.00	
10	3.00	
15	2.50	
20	2.00	
25	2.00	
30	2.00	
35	2.00	

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### TABLE 4

### Withdrawals from Active Service (For Service Retirement)

### (Percentage of Eligible Active Members Retiring)

With Unreduced Service Retirement Benefits

		Memb	ers Not Electing	g ORP <sup>(1)</sup>	Mem	bers Electing O	<b>RP</b> <sup>(1)</sup>
		Years of	f Service Since I	First Elig.	<b>Years of</b>	Service Since F	irst Elig.
<u>Age</u>	With Reduced <u>Benefits<sup>(2)</sup></u>	<u>0-1</u>	<u>1-2</u>	<u>2+</u>	<u>0-1</u>	<u>1-2</u>	<u>2+</u>
			Ge	eneral <sup>(3)</sup>			
50	2.00%	20.00%	15.00%	15.00%	60.00%	40.00%	20.00%
55	2.00	20.00	15.00	15.00	60.00	40.00	20.00
60	5.00	20.00	15.00	15.00	60.00	40.00	20.00
65	0.00	25.00	25.00	25.00	60.00	60.00	60.00
70	NA	100.00	100.00	100.00	100.00	100.00	100.00
			Transi	t Operating <sup>(3)</sup>			
50	2.00%	25.00%	20.00%	15.00%	60.00%	40.00%	20.00%
55	2.00	25.00	20.00	15.00	60.00	40.00	20.00
60	5.00	30.00	20.00	20.00	60.00	40.00	20.00
65	0.00	60.00	60.00	60.00	60.00	60.00	60.00
70	NA	100.00	100.00	100.00	100.00	100.00	100.00
			MTA Brid	ges and Tunnels	(3)		
50	0.00%	30.00%	20.00%	10.00%	60.00%	40.00%	20.00%
55	2.00	30.00	20.00	10.00	60.00	40.00	20.00
60	5.00	30.00	20.00	20.00	60.00	40.00	20.00
65	0.00	60.00	60.00	60.00	60.00	60.00	60.00
70	NA	100.00	100.00	100.00	100.00	100.00	100.00

<sup>(1)</sup> Optional Retirement Programs ("ORP") such as under Chapter 96 of the Laws of 1995.

<sup>(2)</sup> Applicable only for certain Tier II and Tier IV members prior to eligibility for unreduced Service Retirement benefits.

<sup>(3)</sup> Assumed to retire immediately at age 70.

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### TABLE 4

### (Cont'd)

### Withdrawals from Active Service (For Service Retirement)

(Percentage of Eligible Active Members Retiring)

### With Unreduced Service Retirement Benefits

			ORP <sup>(1)</sup>		bers Electing O	
	Years of	f Service Since I	First Elig.	<b>Years of</b>	Service Since F	<u>irst Elig.</u>
/ith Reduced <u>Benefits<sup>(2)</sup></u>	<u>0-1</u>	<u>1-2</u>	<u>2+</u>	<u>0-1</u>	<u>1-2</u>	<u>2+</u>
		Sani	itation <sup>(3)</sup>			
0.00%	40.00%	20.00%	15.00%	60.00%	40.00%	20.00%
0.00	40.00	20.00	15.00	60.00	40.00	20.00
2.00	40.00	20.00	15.00	60.00	40.00	20.00
2.00	40.00	20.00	15.00	60.00	40.00	20.00
5.00	40.00	20.00	20.00	60.00	40.00	20.00
0.00	60.00	60.00	60.00	60.00	60.00	60.00
NA	100.00	100.00	100.00	100.00	100.00	100.00
		Correc	tion Officers <sup>(3)</sup>			
0.00%	32.00%	10.00%	5.00%	60.00%	40.00%	20.00%
0.00	40.00	15.00	10.00	60.00	40.00	20.00
2.00	40.00	20.00	15.00	60.00	40.00	20.00
2.00	40.00	25.00	15.00	60.00	40.00	20.00
5.00	40.00	25.00	20.00	60.00	40.00	20.00
NA	100.00	100.00	100.00	100.00	100.00	100.00
	Benefits <sup>(2)</sup> 0.00% 0.00 2.00 2.00 5.00 0.00 NA 0.00% 0.00 2.00 2.00 2.00 2.00 2.00 5.00	Benefits <sup>(2)</sup> 0-1           0.00%         40.00%           0.00         40.00           2.00         40.00           2.00         40.00           2.00         40.00           5.00         40.00           0.00%         60.00           NA         100.00           0.00%         32.00%           0.00         40.00           2.00         40.00           2.00         40.00           2.00         40.00           2.00         40.00	Benefits <sup>(2)</sup> 0-1         1-2           0.00%         40.00%         20.00%           0.00%         40.00         20.00           2.00         40.00         20.00           2.00         40.00         20.00           2.00         40.00         20.00           5.00         40.00         20.00           0.00         60.00         60.00           NA         100.00         100.00           Correct           0.00%         32.00%         10.00%           0.00         40.00         15.00           2.00         40.00         25.00	Benefits <sup>(2)</sup> $0-1$ $1-2$ $2+$ Sanitation <sup>(3)</sup> 0.00%40.00%20.00%15.00%0.0040.0020.0015.002.0040.0020.0015.002.0040.0020.0015.002.0040.0020.0015.005.0040.0020.0020.000.0060.0060.0060.00NA100.00100.00100.00Correction Officers <sup>(3)</sup> 0.00%32.00%10.00%5.00%0.0040.0025.0015.002.0040.0025.0015.005.0040.0025.0020.00	Benefits <sup>(2)</sup> $0.1$ $1.2$ $2+$ $0.1$ Sanitation <sup>(3)</sup> 0.00%40.00%20.00%15.00%60.00%0.0040.0020.0015.0060.002.0040.0020.0015.0060.002.0040.0020.0015.0060.005.0040.0020.0020.0060.000.0060.0060.0060.0060.00NA100.00100.00100.00100.00Correction Officers <sup>(3)</sup> 0.00%32.00%10.00%5.00%60.00%0.0040.0020.0015.0060.002.0040.0020.0015.0060.002.0040.0025.0015.0060.005.0040.0025.0020.0060.00	Benefits <sup>(2)</sup> 0-1         1-2         2+         0-1         1-2           Sanitation <sup>(3)</sup> 0.00%         40.00%         20.00%         15.00%         60.00%         40.00%           0.00         40.00         20.00         15.00         60.00         40.00           2.00         40.00         20.00         15.00         60.00         40.00           2.00         40.00         20.00         15.00         60.00         40.00           2.00         40.00         20.00         15.00         60.00         40.00           2.00         40.00         20.00         15.00         60.00         40.00           5.00         40.00         20.00         100.00         100.00         100.00           NA         100.00         100.00         100.00         100.00         100.00           0.00%         32.00%         10.00%         5.00%         60.00%         40.00%           0.00%         32.00%         10.00%         5.00%         60.00         40.00           2.00         40.00         20.00         15.00         60.00         40.00           2.00         40.00         25.00         2

<sup>(1)</sup> Optional Retirement Programs ("ORP") under Chapter 547 of the Laws of 1992, Chapter 936 of the Laws of 1990 and Chapter 631 of the Laws of 1993 for Sanitation and Correction (Officers and Captains), respectively.

<sup>(2)</sup> Applicable only for certain Tier II and Tier IV members prior to eligibility for unreduced Service Retirement benefits.

<sup>(3)</sup> Sanitation assumed to retire immediately at age 70 and Correction Officers at age 63.

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS IN EFFECT FOR THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION (Cont'd)

### TABLE 5

### **Salary Scales**

### Assumed Annual Percentage Increases in Coming Year\*

Years of <u>Service</u>	<u>General</u>	Transit <u>Operating</u>	<u>Sanitation</u>	Correction <u>Officers</u>	MTA Bridges <u>And Tunnels</u>
0	8.00%	18.00%	8.00%	13.00%	10.50%
5	5.50	4.00	3.50	3.50	4.00
10	5.00	4.00	5.00	5.00	4.00
15	4.50	4.00	5.00	5.00	4.00
20	4.50	4.00	5.00	5.00	4.00
25	4.50	4.00	5.00	5.00	4.00
30	4.50	4.00	5.00	5.00	4.00
35	4.50	4.00	5.00	5.00	4.00
40	4.50	4.00	5.00	5.00	4.00
45	4.50	4.00	5.00	5.00	4.00

\* Salary Scales include a General Wage Increase assumption of 3.0% per annum.

### CONTRIBUTIONS

The benefits of the System are financed by member and employer contributions and from investment earnings of the System.

### A. Member Contributions

A member of Article 15 (Coordinated Retirement Plan) is mandated to contribute 3% of salary during all years of coverage. Effective October 1, 2000, these members, except for certain Transit Authority employees, are not required to make contributions after the 10<sup>th</sup> anniversary of their membership date or completion of ten years of credited service, whichever is earlier. A member of Article 14 (currently only Correction Officers) is mandated to contribute 3% of salary for not more than thirty years. Effective October 1, 2000, these members are not required to make contributions after the 10<sup>th</sup> anniversary of their membership date or completion of ten years of credited service, whichever is earlier. This is in addition to the Social Security contribution. Should a member die, resign or be otherwise terminated from city-service prior to completing five years of credited service, all of the members' contributions with 5% interest will be refunded for Article 14 members and Article 15 members upon request, or may be left on deposit for a maximum period of 5 years earning interest, so that the member retains membership.

All other members contribute by salary deductions on the basis of a rate of contribution which is assigned by the System at the time they elect their plan. This rate, which is dependent upon the member's age and plan as well as the tables in effect for such purpose, is determined so as to provide an annuity of approximately one-fourth of the service retirement allowance at the earliest age for service retirement, except that in the case of the career pension plan, the rates of members' contributions are determined so as to provide an annuity of approximately one-fourth of the benefit on account of the first 25 years of service. In plans which permit retirement for service at age 55 regardless of the number of years of service earned, the rate of contribution is calculated so as to provide an annuity equal to 1% of final compensation for each year of service at the earliest age for service retirement. Beginning July 1, 1970, no contributions are required from members who elected the Transit 20-Year Plan.

Member contributions are accumulated with interest in individually maintained accounts. Except under Articles 14 and 15, upon retirement the amount so credited (i.e., accumulated deductions) is used to purchase an annuity on the basis of the tables adopted by the Board of Trustees ("Board"). Upon death, the accumulated deductions are paid to the beneficiary and on termination of employment other than by death or retirement, the accumulated deductions are returned to the member.

### CONTRIBUTIONS (Cont'd)

Beginning July 1960, on a year-to-year basis, the members' contribution rates of certain categories of members were reduced by an Increased-Take-Home-Pay ("ITHP") rate equal to either two, two and one half, four or five percent of salary. At present, the reduction is two and one-half percent of salary for Sanitation and Correction members and two percent of salary for all others except for (1) members in transit operating positions who, beginning July 1, 1970, were not required to contribute to the System, and (2) members in the Coordinated-Escalator and Coordinated Retirement Plans. In general, the retirement and death benefits payable to, or on account of members, are supplemented by the reserve for ITHP, accumulated from City contributions equal to the ITHP rate times salary, so that the total benefit is equal to the benefit which would have been paid if the members' rate of contribution had not been reduced. However, the reserve for ITHP is not payable upon the death of a member who joins after June 30, 1973.

In addition to the member contributions described previously, there are certain Additional Member Contributions ranging from 1.85% to 7.46% required for improved early retirement benefits.

### **B.** Employer Contributions

The Frozen Initial Liability Actuarial Cost Method of funding is utilized by the Plan's Actuary to calculate the contributions required of the employers.

Employer contributions are accrued by the Plan and are funded by the employers on a current basis.

### TABULATIONS OF MEMBERSHIP AND BENEFICIARIES

The Board maintains complete records of every member of the retirement system. Some of the information is obtained from payrolls which show each member's salary and contributions, status, title, leave of absence and cessation of service. Records are maintained in numerical order according to the register number of each member. Valuation records were prepared from these records and each year they are updated to reflect terminations, additions and changes in status and salary.

For recent actuarial valuations, members are separated into six groups, namely: (1) General (for calculation purposes, these are further subdivided into Plan Groups, (2) Transit Operating positions, (3) MTA Bridges and Tunnels members, (4) Sanitation members, (5) members of the Housing and Transit Police Forces, and (6) members of the Correction Force.

# COMPARATIVE SUMMARY OF ACTUARIAL VALUES AND PERCENTAGES COVERED BY ACTUARIAL VALUE OF ASSETS

SOLVENCY TEST (Dollar amounts in thousands)

## Aggregate Accrued Liabilities for

As of <u>June 30</u>	Accumulated Member <u>Contributions*</u> (A)	Current Retirants and <u>Beneficiaries</u> (B)	Active Members' Employer <u>Financed Portion</u> (C)	Actuarial <u>Value of Assets</u> (D)	(A)	Percentage of Actuarial Values Covered by <u>Actuarial Value of Assets</u> (B)	arial by <u>\ssets</u> (C)
1999	3,438,230	16,293,576	9,133,979	40,936,024	100	100	100
2000	3,839,891	19,113,627	10,270,090	42,393,627	100	100	100
2001	4,164,570	19,913,567	10,861,052	43,015,355	100	100	100
2002	4,433,037	20,347,229	11,544,915	43,561,103	100	100	100
2003	4,598,812	22,208,613	11,053,574	42,055,984	100	100	100
2004	4,834,934	22,602,440	11,922,201	40,088,213	100	100	100
2004 (Lag)	4,834,934	22,602,440	12,760,288	40,638,628	100	100	100
2005 (Lag)	5,140,216	23,194,237	13,611,941	39,692,426	100	100	83
2006 (Lag)	5,446,376	23,929,616	14,277,635	38,367,102	100	100	63
2007 (Lag)	5,739,890	25,020,637	15,514,393	38,925,725	100	100	53
2008 (Lag)	5,984,631	25,700,882	21,020,157	40,722,228	100	100	43
* June 30, 2008 ar Also, see followi	June 30, 2008 amount provided by NYCERS' Accou Also, see following "SOLVENCY TEST – NOTES."	SS' Accountant. For all oth NOTES."	* June 30, 2008 amount provided by NYCERS' Accountant. For all other years amounts are derived from New York State Insurance Department Annual Statements. Also, see following "SOLVENCY TEST – NOTES."	from New York State Ins	urance Do	epartment Annual Sta	lements.

### COMPARATIVE SUMMARY OF ACTUARIAL VALUES AND PERCENTAGES COVERED BY ACTUARIAL VALUE OF ASSETS

### SOLVENCY TEST - NOTES

The ultimate test of financial soundness in a retirement system is its ability to pay all of its promised benefits when due. The retirement system's progress in accumulating assets to pay all promised benefits can be measured by comparing the Actuarial Value of Assets of the retirement system with the Aggregate Accrued Liabilities for:

- (A) Accumulated Member Contributions;
- (B) Current Retirants and Beneficiaries; and
- (C) Employer Financed Portion of Active Members' Benefits.

Note: Accumulated Member Contributions presented in this CAFR have been revised for all years prior to June 30, 2008 to include certain amounts that were previously misclassified.

The Aggregate Accrued Liabilities are the APV of projected benefits prorated on service to date. The Aggregate Accrued Liabilities were calculated in accordance with Governmental Accounting Standards Board Statement No. 5 ("GASB 5").

This comparative summary allocates assets as if they were priority groups, somewhat similar to (but not identical to) the priority categories of Section 4044 of the Employee Retirement Income Security Act of 1974 ("ERISA").

The values in the table are dependent upon census data, benefit levels (which have changed on occasion over the past years), and the actuarial assumptions and methods employed at each valuation date. The most recent change in assumptions and methods occurred in the June 30, 2004 (Lag) valuation used to compute the employer contribution for Fiscal Year 2006. These underlying bases can be found within the Comprehensive Annual Financial Report for each respective year.

To fully evaluate trends in financial soundness, changes in assumptions need to be evaluated. For the valuation dates appearing in the table, the Actuarial Interest Rate and General Wage Increase assumptions were all equal to 8.0% per annum and 3.0% per annum, respectively.

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS

#### On-Going Funding of the Plan

Under the basic equation of pension funding, Contributions plus Investment Earnings equal Benefits plus Expenses.

There are three major sources for financing those Benefits and Expenses paid from the Plan.

First, Member Contributions are established by statute and paid as percentages of member salaries.

Second, Investment Earnings reflect the rates of return achieved on the amounts of assets held in each asset classes in the Trust.

Third, Employer Contributions are determined by actuarial methodology to finance the Benefits payable by the Plan that are not provided by either Member Contributions or Investment Earnings and for the Administrative and Investment Expenses of the Plan.

This actuarial methodology includes demographic and certain tabular assumptions recommended by the Actuary and adopted by the Board of Trustees, and certain economic assumptions and financing methods recommended by the Actuary, supported by the Board of Trustees and, where required, enacted into law by the New York State Legislature and Governor.

Employer Contributions are particularly responsive to Investment Earnings and increase (decrease) on a smoothed basis whenever Investment Earnings are less (more) than expected.

For example, during Fiscal Years 2001 to 2003, the Assets of the Plan decreased because they earned less than expected. Consequently, over the following several years, the actuarial methodology responded by increasing Employer Contributions in order to bring the overall financial status of the Plan back into balance.

The New York City Charter requires an independent actuary to conduct an experience review of the Plan every two years. The Actuary utilizes this information and regularly proposes changes in actuarial assumptions and methods. The most recent such changes occurred during Fiscal Year 2006.

These changes, approved by the Board of Trustees and implemented during Fiscal Year 2006, include (1) updated demographic assumptions, (2) full recognition of all Obligations of the Plan (i.e., removing the statutory phase-in of certain liabilities), (3) revised methodologies for smoothing changes in Employer Contributions due to Plan experience and (4) introduction of the One-Year Lag Methodology. Together, these changes further enhance the long-term financial integrity of the Plan.

The ongoing process of actuarial rebalancing and periodic reviews of actuarial assumptions and methods by the Actuary and the Board of Trustees, coupled with a financially responsible, long-duration employer like the City of New York (the "City") and other participating Employers that can absorb some variability of Employer Contributions, help provide financial security for the Plan and its participants and reasonable intergenerational budget equity for taxpayers.

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS (Cont'd)

#### Other Measures of Funded Status

Measures of Funded Status of the Plan are determined at specific points in time and are usually expressed in various relationships of Assets to Obligations. Assets as percentages of Obligations are referred to as Funded Ratios.

Comparisons of Funded Status over time provide insight into the evolving financial condition of the Plan.

The Other Measures of Funded Status presented herein provide different perspectives of the financial condition of the Plan and comparisons amongst these Other Measures of Funded Status can provide greater insights.

As noted, there are multiple, possible definitions of the Plan's Assets and Obligations. Some of these definitions of and comments on Assets and Obligations are set forth immediately hereafter. Additional observations on the meanings and usefulness of and the relationships amongst certain of the Funded Ratios are provided following the table of Funded Ratios.

#### Definition of and Comments on Assets

With respect to Assets, both Market Value of Assets ("MVA") and the Actuarial Value of Assets (or Actuarial Asset Value ("AAV")) are used to determine Funded Ratios.

In the case of the Plan, the AAVM currently in use provides for smoothing of the MVA by phasing any Unexpected Investment Returns (i.e., Investment Earnings greater or less than those expected under the actuarial assumption of 8.0% of AAV each year) into the AAV over a period of six years.

The advantage of using MVA is that it represents the tradable value of the Assets of the Plan at a particular point in time.

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS (Cont'd)

The advantage of using AAV is that it is smoothed to remove the volatility of MVA. The disadvantage of AAV is that it is not the tradable value of Assets in the marketplace and, therefore, does not show the volatility of the Assets.

#### Definition of and Comments on Obligations

With respect to Obligations, the Actuarial Accrued Liability ("AAL") under any particular Actuarial Cost Method ("ACM") is that portion of the APV of projected benefits which is not provided by future normal costs (employer and employee).

With respect to the Plan, where the ACM is the Frozen Initial Liability ("FIL") ACM, the AAL mathematically can be recast as the Unfunded AAL ("UAAL") plus the AAV. To the extent that the UAAL does not change significantly year to year, then the related AAL remains relatively consistent in value with the AAV each year.

With respect to the ongoing funding of the Plan, the FIL ACM amortizes actuarial gains and losses over the future working lifetimes of active employees. As used by the Plan, the FIL ACM generally results in funding that is more conservative (i.e., greater Employer Contributions) than that of most other Public Pension Plans.

The Entry Age Accrued Liability ("EAAL") is defined as the APV of projected benefits less the sum of the APV of future employee contributions and the APV of future employer entry age normal costs.

The EAAL is a required disclosure in accordance with Governmental Accounting Standards Board ("GASB") Statement Number 43 ("GASB 43") and GASB Statement Number 45 ("GASB 45") for Other Post-Employment Benefits ("OPEB") under certain ACM.

In accordance with GASB Statement Number 50 ("GASB 50"), beginning with Fiscal Year 2008, the EAAL is a required disclosure for Public Pension Plans that determine employer contributions using the Aggregate ACM.

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS (Cont'd)

The Entry Age ACM is the most commonly utilized ACM for funding Public Pension Plans.

The Projected Benefit Obligation ("PBO") is defined as the proportion of APV of all future benefits attributed by the Plan to employee service rendered prior to the valuation date. The PBO was required reporting under GASB Statement Number 5 ("GASB 5") prior to its replacement by GASB 25 and GASB 27.

The Accumulated Benefit Obligation ("ABO") is determined in the same manner as the PBO but without assuming future salary increases.

The Market Value Accumulated Benefit Obligation ("MVABO") is determined in the same manner as an ABO using the same actuarial assumptions except that projected benefit payments are discounted using annual yields on U.S. Treasury securities of like duration. The MVABO is sometimes described as a Mark-to-Market measure of Obligations or a Market Value of Liabilities ("MVL").

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS (Cont'd)

#### Table of Asset and Obligation Values

The following table presents the values of Assets and Obligations used to calculate alternative Funded Ratios.

			Com	-	sures of Fund ounts in Milli				
Valuation Date June 30	Market Value of Assets (MVA)	Actuarial Asset Value (AAV) <sup>#</sup>	Actuarial Accrued Liability (AAL)*	Entry Age Accrued Liability (EAAL)**	Projected Benefit Obligation (PBO)**	Accumulated Benefit Obligation (ABO)**	Market Value Accumulated Benefit Obligation (MVABO)***	MVABO Equivalent Discount Vield (per Annum)	MVABO Weighted Average Duration (Years)
1999	\$40,936.0	\$40,936.0	\$40,936.0	\$30,147.6	\$27,741.3	\$24,233.2	\$29,754.6	6.0%	10.8
2000	42,824.0	42,393.6	42,418.7	34,797.5	31,910.5	28,997.5	35,572.3	6.0	11.2
2001	37,251.8	43,015.4	43,087.6	36,654.3	33,471.2	30,173.2	38,378.9	5.7	11.0
2002	32,842.0	43,561.1	43,619.9	38,905.2	35,474.9	32,346.4	40,851.3	5.7	10.4
2003	31,524.7	42,056.0	42,244.1	40,423.5	36,924.1	33,990.8	48,897.3	4.6	11.4
2004	34,177.3	40,088.2	40,236.3	42,063.6	38,340.8	35,249.0	45,583.8	5.5	10.8
2004 (Lag)	34,177.3	40,638.6	40,786.7	43,010.2	39,178.9	35,081.1	45,435.8	5.5	10.9
2005 (Lag)	35,526.3	39,692.4	39,797.1	44,881.3	40,817.7	36,492.6	55,431.5	4.2	12.7
2006 (Lag)	37,288.2	38,367.1	38,431.3	46,602.0	42,408.8	37,979.0	49,778.8	5.4	11.7
2008 (Lag)	42,514.3	38,925.7	38,959.1	49,253.2	44,926.1	40,057.3	53,525.4	5.2	11.7
2008 (Lag)	39,716.8	40,722.2	40,722.2	51,114.4	46,721.0	41,826.5	61,163.1	4.5	12.0
2009 (Lag) <sup>##</sup>	31,903.4	41,710.2	41,710.2	52,986.3	48,520.2	43,519.3	66,282.7	4.1	12.0

<sup>#</sup> The AAV used for the June 30, 1999 to June 30, 2004 actuarial valuations assumes the AAV was reset to MVA as of June 30, 1999. As of each June 30 thereafter, the AAV recognizes Investment Returns greater or less than expected over a period of five years (six years beginning with the June 30, 2004 (Lag) actuarial valuation).

\* Calculated in accordance with the Actuarial Cost Method (i.e., Frozen Initial Liability) and actuarial assumptions used for determining Employer Contributions.

- \*\* Calculated based on actuarial assumptions used for determining Employer Contributions.
- \*\*\* Calculated based on actuarial assumptions used for determining Employer Contributions except that projected benefit payments are discounted using annual yields derived from U.S. Treasury Spot Rates as published by the U.S. Department of the Treasury Office of Thrift Supervision in its Selected Asset and Liability Price Tables. Also shown are the related MVABO Equivalent Discount Yield and the MVABO Weighted Average Duration.
- <sup>##</sup> The June 30, 2009 (Lag) figures are preliminary and are generally based on the same census data, actuarial assumptions and methods used to develop published, preliminary Fiscal Year 2011 employer contributions.

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS (Cont'd)

#### Table of Funded Ratios

The following table presents alternative Funded Ratios comparing Assets to Obligations, including: (1) AAV divided by AAL, (2) AAV divided by EAAL, (3) MVA divided by EAAL, (4) AAV divided by PBO, (5) MVA divided by PBO, (6) AAV divided by ABO, (7) MVA divided by ABO and (8) MVA divided by MVABO.

			Fur	ded Ratios				
Valuation Date	AAV/AAL	AAV/EAAL	MVA/EAAL	AAV/PBO	MVA/PBO	AAV/ABO	MVA/ABO	MVA/ MVABO
6/30/99	100%	136%	136%	148%	148%	169%	169%	138%
6/30/00	100	122	123	133	134	146	148	120
6/30/01	100	117	102	129	111	143	123	97
6/30/02	100	112	84	123	93	135	102	80
6/30/03	100	104	78	114	85	124	93	64
6/30/04	100	95	81	105	89	114	97	75
6/30/04 (Lag)	100	94	79	104	87	116	97	75
6/30/05 (Lag)	100	88	79	97	87	109	97	64
6/30/06 (Lag)	100	82	80	90	88	101	98	75
6/30/07 (Lag)	100	79	86	87	95	97	106	79
6/30/08 (Lag)	100	80	78	87	85	97	95	65
6/30/09 (Lag) <sup>#</sup>	100	79	60	86	66	96	73	48

# Preliminary.

Comments on Funded Ratios and Funding Methodology

With respect to the different Funded Ratios shown in the preceding table, the ratio of AAV/AAL is from the Schedule of Funding Progress (Schedule 1) presented in the Financial Section of this CAFR.

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS (Cont'd)

Due to the mathematics of the FIL ACM where AAL equals AAV plus UAAL, the AAV/AAL Funded Ratios tend to remain relatively constant from year to year and provide limited insight into the ongoing financial performance of the Plan.

The Other Measures of Funded Status shown in the preceding table provide different relationships between the Assets and Obligations of the Plan and are designed to offer additional insight into the Funded Status of the Plan that the Actuary believes useful to some users.

The ratios of AAV/EAAL reflect information that will be a required disclosure for certain Public Pension Plans that utilize the Aggregate ACM. This requirement currently exists for certain OPEB plans under GASB 43 and GASB 45.

The ratios of AAV/PBO present information that was previously required under GASB 5 and is a comparable but somewhat different representation of the information shown in the Solvency Test presented earlier in this Section of the CAFR.

The ratios of MVA/MVABO provide information on Funded Status that is (1) independent of the asset allocation of the Plan, (2) exclusive of any advance recognition of expected asset risk premia (e.g., equity risk premium) and (3) absent any smoothing of asset values.

Inherent in its design, the MVA/MVABO Funded Ratio is expected to be volatile due to the impact of asset gains and losses without smoothing and the impact of changes in interest rates in the economy. Such volatility is a reflection of markets and can provide useful disclosure information. However, such volatility is not consistent with the needs of budgeting. Those budgeting needs are met by the actuarial assumptions and FIL ACM currently in use to determine Employer Contributions.

#### ADDITIONAL DISCUSSION OF PLAN FUNDING AND OTHER MEASURES OF FUNDED STATUS (Cont'd)

Comparing the MVA/EAAL to AAV/EAAL, MVA/PBO to AAV/PBO or MVA/ABO to AAV/ABO provides an opportunity to evaluate the degree of smoothing provided by the Actuarial Asset Valuation Method.

Comparing Funded Ratios based on the same Assets (i.e., MVA or AAV) but different definitions of Obligations (e.g., EAAL versus PBO versus ABO) provides an opportunity to evaluate the differences in those different definitions of Obligations.

Comparing AAV/PBO with AAV/ABO provides insight into the impact of expected salary growth on the value of benefits earned to date.

Comparing MVA/ABO with MVA/MVABO provides an opportunity to compare the impact of alternative interest rates on discounting the ABO.

It should also be noted that Measures of Funded Status are best examined with more consideration of their trends over time than their values at any given point in time.

Finally, over time, it should be noted that as the City and other participating Employers pay into the Plan the actuarially-determined Employer Contributions, all Funded Ratios can be expected to increase from their current levels.

Fiscal Year <u>Ended</u>	Statutory <u>Contribution<sup>(1)</sup></u>	Annual Required <u>Contribution</u>	<b>Employer Rate of</b> <u>Contribution<sup>(2)</sup></u>
6/30/00	\$ 68,619,745	\$ 68,619,745	.915%
6/30/01	100,024,692	100,024,692	1.271
6/30/02	105,660,069	105,660,069	1.241
6/30/03	107,992,496	197,823,998	1.213
6/30/04	310,589,074	542,229,450	3.526
6/30/05	822,763,025	1,020,379,985	8.985
6/30/06	1,024,358,175	1,024,358,175	11.142
6/30/07	1,471,029,609	1,471,029,609	15.556
6/30/08	1,874,242,487	1,874,242,487	19.001
6/30/09	2,150,438,042	2,150,438,042	20.570
6/30/10	2,197,717,073	2,197,717,073	20.020

#### STATUTORY VS. ANNUAL REQUIRED CONTRIBUTIONS

Beginning Fiscal Year 2006, the Statutory Contributions were computed using a One-Year Lag Methodology in accordance with Chapter 152/06 which also eliminated the use of ten-year phase-in of Chapter 278/02 for funding the additional actuarial liabilities attributed to Chapter 125/00.

(2) The employer rates of contribution equal the statutory contributions as percentages of the salaries of members who were on payroll or projected to be on payroll (under One-Year Lag Methodology) as of the preceding June 30 increased to reflect overtime earnings and adjusted, where applicable, to be consistent with collective bargaining agreements estimated to be achieved.

<sup>&</sup>lt;sup>(1)</sup> Generally, represents employer contributions made for the current fiscal year. This figure includes overpayments/underpayments in prior fiscal years and excludes overpayments/underpayments made during the current fiscal year. Equals total employer contributions accrued for the current fiscal year.

The Statutory Contributions for Fiscal Years 2003 through 2005 were computed in accordance with Chapter 125/00 which provided for a five-year phase-in of the additional actuarial liabilities attributable to Chapter 125/00 and Chapter 278/02 which extended the phase-in period for funding these liabilities from five years to ten years.

#### ACTIVE MEMBER VALUATION DATA

<u>Valuati</u>	on Date	<u>Number</u>	<u>Annual Payroll</u>	Average <u>Annual Salary</u>	Percentage Increase in <u>Average Salary</u>
6/30/00		171,013	7,871,003,496	46,026	4.0
6/30/01		174 <b>,</b> 199	8,515,269,538	48,882	6.2
6/30/02		177 <b>,</b> 511	8,901,110,489	50,144	2.6
6/30/03		173,434	8,807,618,852	50,784	1.3
6/30/04		174 <b>,</b> 997	9,157,412,418	52,329	3.0
6/30/04	(Lag)	174 <b>,</b> 997	9,361,185,982 <sup>(1)</sup>	53,493	5.3(2)
6/30/05	(Lag)	175 <b>,</b> 332	9,670,785,683	55 <b>,</b> 157	3.1
6/30/06	(Lag)	178,741	10,128,688,853	56,667	2.7
6/30/07	(Lag)	180,482	10,761,963,324	59,629	5.2
6/30/08	(Lag)	183,654	11,305,974,384	61,561	3.2
6/30/09	(Lag) <sup>(3)</sup>	186,284	11,861,959,737	63 <b>,</b> 677	3.4

(1) The annualized covered payroll under the One-Year Lag Methodology as of June 30, 2004 used for the Fiscal Year 2006 Employer Contributions differs from that used to compute Fiscal Year 2005 Employer Contributions due to changes in actuarial assumptions and updated information on labor contract settlements.

<sup>(2)</sup> Increase from June 30, 2003.

<sup>(3)</sup> Preliminary.

## PARTICIPATING EMPLOYERS

	June 3	June 30, 2008 (Lag) <sup>(1)</sup>	June 30, 2000 <sup>(2)</sup>	2000 <sup>(2)</sup>
Employer	Number of Employees	<u>Annual Payroll</u>	Number of <u>Employees</u>	<u>Annual Payroll</u>
City of New York	93,899	\$ 5,745,742,820	88,594	\$4,010,990,309
NYC Transit Authority	40,506	2,739,396,998	38,253	1,991,869,302
NYC Housing Authority	11,175	598,541,692	12,843	506,581,446
NYC Health and Hospitals Corporation	30,887	1,851,935,638	25,232	1,123,497,851
MTA Bridges and Tunnels	1,682	119,783,586	1,172	70,728,518
NYC Off-Track Betting Corporation	1,143	45,834,802	1,227	40,754,624
NYC School Construction Authority	0.2	6, 665, 652	69	5,020,509
NYC Housing Development Corporation	65	5,710,051	11	866,702
NYC Residential Mortgage Insurance Corporation <sup>(2)</sup>	0	0	2	167,071
City University of New York	4,208	190,917,651	3,579	118,791,939
New York State	11	696,967	29	1,607,156
NYC Municipal Water Authority	8	748,527	2	128,069
Total	183,654	\$11,305,974,384	171,013	\$7,871,003,496

The Number of Employees and their corresponding salaries (Annual Payroll) includes only those who were on the payroll as of June 30. Ξ

On July 31, 1992, Chapter 702 of the Laws of 1992 was enacted and created the New York City Residential Mortgage Insurance Corporation (the **new** "REMIC") as a subsidiary of the New York City Housing Development Corporation ("HDC"). It became effective January 27, 1993. The **new** REMIC assumes all of the obligations of the New York City Rehabilitation Mortgage Insurance Corporation (the old "REMIC") which dissolved on that date. 6

#### NUMBER AND SALARY OF ACTIVE MEMBERS BY OCCUPATIONAL POSITION AS OF JUNE 30, 2008 (LAG) ACTUARIAL VALUATION<sup>(1)</sup>

<u>Occupation – Main Groups</u>	<u>Number</u>	<u>Annual Payroll</u>	Average Annual <u>Salary</u>
Other	128,526	\$ 7,436,175,382	\$57 <b>,</b> 857
Transit Operating Positions	37,040	2,455,354,691	66 <b>,</b> 289
MTA Bridges and Tunnels	1,682	119,783,586	71,215
Uniform Sanitation	7,622	611,475,462	80,225
Transit and Housing Police Forces $^{(2)}$	0	0	0
Uniform Correction Force	8,784	683,185,263	77 <b>,</b> 776
Total	183,654	\$11,305,974,384	\$61 <b>,</b> 561

<sup>&</sup>lt;sup>(1)</sup> The number of members (Number) and their corresponding salaries (Annual Payroll) include only those who were on the payroll as of June 30, 2008.

<sup>&</sup>lt;sup>(2)</sup> During April 1995 the Housing and Transit Police forces were merged into the New York City Police Department and most Housing and Transit Police members of NYCERS were transferred to the New York City Police Pension Fund.

#### NUMBER OF ACTIVE MEMBERS BY OCCUPATIONAL POSITION AND AGE AS OF JUNE 30, 2008 (LAG) ACTUARIAL VALUATION<sup>(1)</sup>

Age	<u>Total</u>	<u>Other</u>	Transit <u>Operating</u>	MTA Bridges & <u>Tunnels</u>	<u>Sanitation</u>	Housing & Transit <u>Police<sup>(2)</sup></u>	<u>Correction</u>
Under 20	79	49	28	0	2	0	0
20 - 24	2,456	1,751	218	29	245	0	213
25 - 29	8,644	6,053	1,006	103	783	0	699
30 - 34	13,631	9,131	2,107	209	1,158	0	1,026
35 - 39	19,574	12,459	3,961	262	1,305	0	1,587
40 - 44	28,671	18,070	6,466	283	1,404	0	2,448
45 - 49	33,967	23,173	7,626	285	1,187	0	1,696
50 - 54	32,253	23,267	7,073	240	848	0	825
55 - 59	24,785	18,694	5,154	177	507	0	253
60 - 64	13,762	10,946	2,556	74	154	0	32
65 - 69	4,178	3,472	669	12	23	0	2
70 - 74	1,654	1,461	176	8	6	0	3
Total	183,654	128,526	37,040	1,682	7,622	0	8,784

<sup>(1)</sup> Member count for this schedule represents only members receiving salary as of June 30, 2008.

<sup>&</sup>lt;sup>(2)</sup> During April 1995 the Housing and Transit Police forces were merged into the New York City Police Department and most Housing and Transit Police members of NYCERS were transferred to the New York City Police Pension Fund.

#### NUMBER OF ACTIVE MEMBERS BY OCCUPATIONAL POSITION AND YEARS OF SERVICE AS OF JUNE 30, 2008 (LAG) ACTUARIAL VALUATION<sup>(1)</sup>

Years of <u>Service</u>	<u>Total</u>	<u>Other</u>	Transit <u>Operating</u>	MTA Bridges & <u>Tunnels</u>	<u>Sanitation</u>	Housing & Transit <u>Police<sup>(2)</sup></u>	<u>Correction</u>
Under 5	45,870	34,255	6 <b>,</b> 587	442	2,402	0	2,184
5 - 9	40,017	28,189	8,140	574	1,680	0	1,434
10 - 14	27,486	20,110	5,060	170	777	0	1,369
15 - 19	30,486	19,950	6,363	230	1,590	0	2,353
20 - 24	23,103	14,405	6,440	139	866	0	1,253
25 - 29	11,608	7,445	3,633	98	265	0	167
30 - 34	2,605	1,980	564	23	21	0	17
35 - 39	2,073	1,832	212	4	19	0	6
40 - 44	406	360	41	2	2	0	1
Total	183 <b>,</b> 654	128 <b>,</b> 526	37,040	1,682	7,622	0	8,784

<sup>(1)</sup> Member count for this schedule represents only members receiving salary as of June 30, 2008.

<sup>&</sup>lt;sup>(2)</sup> During April 1995 the Housing and Transit Police forces were merged into the New York City Police Department and most Housing and Transit Police members of NYCERS were transferred to the New York City Police Pension Fund.

RETIRANTS AND BENEFICIARIES ADDED TO AND REMOVED FROM ROLLS

NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM

Fiscal Year EndedNumberAnnual AllowancesAnnual Allowances(5/30/993,981\$147,379,1094,539\$52,202,02(6/30/005,289115,346,5454,40854,394,94(6/30/015,289115,346,5454,40854,394,94(6/30/015,289115,346,5454,40854,394,94(6/30/015,289115,346,5454,40854,394,94(6/30/016,016362,105,1334,81960,066,23(6/30/024,188138,015,6914,61473,179,63(6/30/039,162262,015,9754,61473,188,88(6/30/039,162262,015,9754,61473,188,88(6/30/04)4,205148,280,7454,88578,618,50(6/30/05(Lag)6,274161,299,3705,90591,199,92(6/30/06(Lag)6,580236,949,0566,088105,839,52(6/30/07(Lag)6,580236,949,0566,088105,839,52		þþ	Added to Rolls	Removed	ed from Rolls	Rolls	Rolls End of Year			
3,981       \$147,379,109       4,539         5,289       115,346,545       4,408         6,016       362,105,133       4,819         4,188       138,015,691       4,669         4,188       138,015,691       4,669         9,162       262,015,975       4,614         9,162       262,015,975       4,614         148,280,745       4,885       148,280,745         4,205       148,280,745       4,885         Lag)       6,274       161,299,370       5,905         Lag)       6,457       194,343,590       5,905         Lag)       6,580       236,949,056       6,088		Number	Annual Allowanccs <sup>(2)</sup>	Number	Annual Allowances	Number <sup>(I)</sup>	Annual Allowances <sup>(1)</sup>	% Increase In Annual Allowances	Average Annual Allowances	% Increase In Average Annual Allowances
5,289       115,346,545       4,408         6,016       362,105,133       4,819         4,188       138,015,691       4,669         9,162       262,015,975       4,614         9,162       262,015,975       4,614         138,015,691       4,613       4,613         9,162       262,015,975       4,614         148,280,745       4,885       4,885         Lag)       6,274       161,299,370       5,905         Lag)       6,457       194,343,590       5,382         Lag)       6,580       236,949,056       6,088       1		3,981	\$147,379,109	4,539	\$52,202,024	121,880	\$1,919,632,538	5.2%	\$15 <b>,</b> 750	5.7%
6,016       362,105,133       4,819         4,188       138,015,691       4,669         9,162       262,015,975       4,614         9,162       262,015,975       4,614         4,205       148,280,745       4,885         148,280,745       5,905       5,905         Lag)       6,274       161,299,370       5,905         Lag)       6,457       194,343,590       5,382         Lag)       6,580       236,949,056       6,088       1		5,289	115,346,545	4,408	54,394,949	122,761	1,980,584,134	3.2	16,134	2.4
4,188       138,015,691       4,669         9,162       262,015,975       4,614         4,205       148,280,745       4,885         1ag)       6,274       161,299,370       5,905         Lag)       6,457       194,343,590       5,382         Lag)       6,580       236,949,056       6,088       1		6,016	362,105,133	4,819	60,066,235	123,958	2,282,623,032	15.2	18,414	14.1
9,162       262,015,975       4,614         4,205       148,280,745       4,885         Lag)       6,274       161,299,370       5,905         Lag)       6,457       194,343,590       5,382         Lag)       6,580       236,949,056       6,088       1		4,188	138,015,691	4,669	73,179,634	123,477	2,347,459,089	2.8	19,011	3.2
4,205       148,280,745       4,885         Lag)       6,274       161,299,370       5,905         Lag)       6,457       194,343,590       5,382         Lag)       6,580       236,949,056       6,088       1		9,162	262,015,975	4,614	73,188,882	128,025	2,536,286,182	8.0	19,811	4.2
6,274     161,299,370     5,905       6,457     194,343,590     5,382       6,580     236,949,056     6,088		4,205	148,280,745	4,885	78,618,501	127,345	2,605,948,426	2.7	20,464	3.3
6,457 194,343,590 5,382 6,580 236,949,056 6,088 1		6,274	161,299,370	5,905	91,199,924	127,714	2,676,047,872	2.7	20,953	2.4
6,580 236,949,056 6,088	(Lag)	6,457	194,343,590	5,382	95,257,483	128,789	2,775,133,979	3.7	21,548	2.8
		6,580	236,949,056	6,088	105,839,523	129,281	2,906,243,512	4.7	22,480	4.3
6/30/08 (Lag) 6,999 222,985,559 5,616 142,159,66	(Lag)	6,999	222,985,559	5,616	142,159,662	130,664	2,987,069,409	2.8	22,861	1.7

Number at End of Year and Annual Allowances include all those and only those retirants on pension payroll for amounts used in the actuarial valuation for the given fiscal year and are not adjusted for anticipated changes due to finalization of benefit calculation or contract settlements. Ξ

Balancing Item - Amounts shown include changes due to benefit finalization, change in benefit type (e.g., Service to Accidental Disability), COLA increases and other changes. (2)

<sup>&</sup>lt;sup>(3)</sup> Same amounts apply for June 30, 2004 (Lag) actuarial valuation.

#### **APPENDIX A**

#### **CENSUS DATA FOR ACTIVE MEMBERS**

AS OF JUNE 30, 2008 (Lag)

#### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM DATA USED IN THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION FOR DETERMINING FISCAL YEAR 2010 EMPLOYER CONTRIBUTIONS SUMMARY OF ACTIVES BY AGE AND SERVICE MALES AND FEMALES

AGE \ SVC	UNDER 5	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & UP	ALL YEARS
NUMBER:										
UNDER 20	77	0	1	1	0	0	0	0	0	79
20 TO 24	2,391	62	3	0	0	0	0	0	0	2,456
25 TO 29	7,151	1,477	14	1	0	1	0	0	0	8,644
30 TO 34	7,903	4,912	778	38	0	0	0	0	0	13,631
35 TO 39	7,322	6,854	3,728	1,592	77	0	1	0	0	19,574
40 TO 44	6,601	7,276	5,494	6,705	2,489	104	2	0	0	28,671
45 TO 49	5,624	6,906	5,818	7,611	6,228	1,757	23	0	0	33,967
50 TO 54	4,287	5,608	4,991	6,041	6,143	4,349	691	143	0	32,253
55 TO 59	2,800	3,922	3,584	4,588	4,616	3,219	1,171	851	34	24,785
60 TO 64	1,285	2,160	2,147	2,649	2,576	1,576	521	716	132	13,762
65 TO 69	332	670	686	900	680	412	129	238	131	4,178
70 & UP	97	170	242	360	294	190	67	125	109	1,654
TOTAL	45,870	40,017	27,486	30,486	23,103	11,608	2,605	2,073	406	183,654
SALARIES ( IN	THOUSAND	<b>I</b> S)·								
UNDER 20	2,610	.s). 0	49	61	0	0	0	0	0	2,720
20 TO 24	92,902	3,257	156	0	0	0	0	0	0	96,315
25 TO 29	326,277	77,699	698	44	0	98	0	0	0	404,816
30 TO 34	400,005	286,878	46,519	2,274	0	0	0	0	0	735,676
35 TO 39	381,867	407,103	239,778	110,819	5,383	0	80	0	0	1,145,030
40 TO 44	347,690	436,144	352,599	471,153	184,665	8,198	161	0	0	1,800,610
45 TO 49	297,809	412,574	378,475	525,431	443,279	124,122	1,615	0	0	2,183,304
50 TO 54	231,443	338,117	329,085	411,326	426,186	310,167	50,678	8,973	0	2,105,975
55 TO 59	154,633	232,378	229,801	301,911	311,777	225,287	85,675	59,684	2,394	1,603,540
60 TO 64	70,269	125,788	134,487	167,442	164,805	105,149	38,117	52,815	10,094	868,967
65 TO 69	19,164	38,309	41,373	56,674	43,038	26,807	8,475	16,458	9,502	259,800
70 & UP	4,449	10,085	13,686	21,123	17,711	11,356	4,643	8,223	7,947	99,223
TOTAL *	2,329,119	2,368,331	1,766,706	2,068,256	1,596,844	811,184	189,444	146,154	29,937	11,305,974
			, ,			,	,	/	,	
AVERAGE SA			40.000	60.0 <b>0</b> 4						
UNDER 20	33,899	0	48,800	60,821	0	0	0	0	0	34,428
20 TO 24	38,855	52,536	51,986	0	0	0	0	0	0	39,216
25 TO 29	45,627	52,606	49,846	43,665	0	98,403	0	0	0	46,832
30 TO 34	50,614	58,404	59,793	59,837	0	0	0	0	0	53,971
35 TO 39	52,153	59,396	64,318	69,610	69,914	0	79,769	0	0	58,498
40 TO 44	52,672	59,943	64,179	70,269	74,192	78,826	80,679	0	0	62,802
45 TO 49	52,953	59,741	65,052	69,036	71,175	70,644	70,235	0	0	64,277
50 TO 54	53,987	60,292	65,936	68,089	69,377	71,319	73,339	62,745	0	65,295
55 TO 59	55,226	59,250	64,119	65,804	67,543	69,987	73,164	70,134	70,404	64,698
60 TO 64	54,684	58,235	62,640	63,209	63,977	66,719	73,162	73,765	76,469	63,142
65 TO 69	57,723	57,178	60,311	62,971	63,291	65,065	65,700	69,153	72,536	62,183
70 & UP	45,869	59,326	56,553	58,674	60,243	59,767	69,291	65,784	72,906	59,990
TOTAL	50,777	59,183	64,277	67,843	69,118	69,881	72,723	70,503	73,736	61,561

\* Total may not add up due to rounding.

\*\* Average based on actual unrounded salary.

#### **APPENDIX B**

#### **CENSUS DATA FOR PENSIONERS**

AS OF JUNE 30, 2008 (Lag)

#### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM DATA USED IN THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION FOR DETERMINING FISCAL YEAR 2010 EMPLOYER CONTRIBUTIONS SUMMARY OF PENSIONERS BY CAUSE, AGE AND GENDER

		MALE			FEMALE		BOT	H MALE & FEM	ALE
AGE N	UMBER	BENEFITS	AVERAGE	NUMBER		AVERAGE	NUMBER	BENEFITS	AVERAGE
ACCIDENTAL DISABILITY									
UNDER 30	0	0	0	0	0	0	0	0	0
30 TO 34	8	284,334	35,542	2	61,512	30,756	10	345,846	34,585
35 TO 39	63	2,101,365	33,355	9	209,138	23,238	72	2,310,503	32,090
40 TO 44	221	8,050,507	36,428	47	1,608,452	34,222	268	9,658,959	36,041
45 TO 49	294	10,824,923	36,819	65	1,933,524	29,747	359	12,758,447	35,539
50 TO 54	299	11,444,966	38,277	48	1,436,121	29,919	347	12,881,087	37,121
55 TO 59	468	15,616,627	33,369	26	793,038	30,501	494	16,409,665	33,218
60 TO 64	688	20,632,397	29,989	26	620,654	23,871	714	21,253,051	29,766
65 TO 69	558	15,446,330	27,682	31	630,881	20,351	589	16,077,211	27,296
70 TO 74	325	9,090,300	27,970	23	482,556	20,981	348	9,572,856	27,508
75 TO 79	262	6,831,507	26,074	20	310,066	15,503	282	7,141,573	25,325
80 TO 84	178	4,521,617	25,402	17	310,710	18,277	195	4,832,327	24,781
85 TO 89	80	1,912,716	23,909	8	110,175	13,772	88	2,022,891	22,987
90 & UP	18	424,740	23,597	5	75,676	15,135	23	500,416	21,757
TOTAL	3.462	107,182,329	30,960	327	8,582,503	26,246	3,789	115,764,832	30,553
TOTILE	5,102	107,102,525	50,700	521	0,002,000	20,210	5,705	115,701,052	50,555
ORDINARY DISABILITY:									
UNDER 30	0	0	0	0	0	0	0	0	0
30 TO 34	1	12,479	12,479	0	0	0	1	12,479	12,479
35 TO 39	34	577,752	16,993	19	264,863	13,940	53	842,615	12,479
40 TO 44	210	3,453,420	16,445	19	1,702,859	13,940	330	5,156,279	15,625
40 TO 44 45 TO 49	495	8,212,489	16,591	234	3,356,514	14,190	729	11,569,003	15,870
43 TO 49 50 TO 54	799	13,358,690	16,719	375	5,374,174	14,344	1,174	18,732,864	15,870
55 TO 59	1,135	18,767,360	16,535	548	8,203,303	14,951	1,174	26,970,663	16,025
60 TO 64	1,133	22,742,439	16,921	567	7,921,686	13,971	1,085	30,664,125	16,046
65 TO 69	1,069	17,880,702	16,727	453	5,408,569	11,939	1,522	23,289,271	15,302
70 TO 74	548	8,458,243	15,435	226	2,438,406	10,789	774	10,896,649	13,302
75 TO 79	358	5,569,769	15,455	115	1,021,733	8,885	473	6,591,502	13,936
80 TO 84	220	3,453,173	15,558	58	547,296	9,436	278	4,000,469	13,930
85 TO 89	88	1,305,124	14,831	31	272,168	9,430 8,780	119	1,577,292	13,255
90 & UP	18	222,453	14,851	15	128,259	8,780	33	350,712	10,628
TOTAL	6,319	104,014,093	16,461	2,761	36,639,830	13,270	9,080	140,653,923	15,491
TOTAL	0,517	104,014,075	10,401	2,701	50,057,050	15,270	9,000	140,055,725	15,471
SERVICE RETIREMENT:									
UNDER 30	0	0	0	0	0	0	0	0	0
30 TO 34	0	0	0	0	0	0	0	0	0
35 TO 39	1	33,522	33,522	0	0	0	1	33,522	33,522
40 TO 44	436	16,352,855	37,507	162	5,994,668	37,004	598	22,347,523	37,370
45 TO 49	1,222	42,479,060	34,762	500	17,188,144	34,376	1,722	59,667,204	34,650
50 TO 54	2,311	84,103,141	36,393	505	16,453,293	32,581	2,816	100,556,434	35,709
55 TO 59	5,714	207,001,623	36,227	2,180	60,459,777	27,734	7,894	267,461,400	33,882
60 TO 64	10,433	352,855,546	33,821	5,210	128,343,858	24,634	15,643	481,199,404	30,761
65 TO 69	13,081	384,456,293	29,390	7,303	154,863,869	21,206	20,384	539,320,162	26,458
70 TO 74	10,648	274,070,066	25,739	5,901	106,828,802	18,104	16,549	380,898,868	23,016
70 TO 74 75 TO 79	8,634	205,661,883	23,739	5,901	81,075,143	15,888	13,737	286,737,026	20,873
80 TO 84	8,034 7,194	161,462,342	23,820	4,747	65,627,482	13,885	11,941	227,089,824	20,873
80 TO 84 85 TO 89	4,036	82,366,910	22,444	3,492	40,029,506	11,463	7,528	122,396,416	16,259
90 & UP	1.823	32,843,666	18,016	2,323	24.833.429	10,690	4,146	57,677,095	13,912
TOTAL	65,533	1,843,686,907	28,134	37,426	701,697,971	18,749	102,959	2,545,384,878	24,722
IUIAL	05,555	1,070,000,907	20,134	57,420	/01,07/,7/1	10,749	102,759	2,JTJ,J07,0/0	24,122

#### NEW YORK CITY EMPLOYEES' RETIREMENT SYSTEM DATA USED IN THE JUNE 30, 2008 (LAG) ACTUARIAL VALUATION FOR DETERMINING FISCAL YEAR 2010 EMPLOYER CONTRIBUTIONS SUMMARY OF PENSIONERS BY CAUSE, AGE AND GENDER

		MALE			FEMALE	·i	BOTH	I MALE & FEM	IALE
AGE	NUMBER	BENEFITS	AVERAGE	NUMBER	BENEFITS	AVERAGE	NUMBER	BENEFITS	AVERAGE
ACCIDENTAL DEATH:									
UNDER 30	1	32,453	32,453	1	33,361	33,361	2	65,814	32,907
30 TO 34	0	0	0	1	24,486	24,486	1	24,486	24,486
35 TO 39	1	37,646	37,646	2	38,741	19,371	3	76,387	25,462
40 TO 44	0	0	0	5	163,757	32,751	5	163,757	32,751
45 TO 49	1	29,616	29,616	5	141,404	28,281	6	171,020	28,503
50 TO 54	0	0	0	8	186,644	23,331	8	186,644	23,331
55 TO 59	0	0	0	14	393,900	28,136	14	393,900	28,136
60 TO 64	2	78,038	39,019	11	232,129	21,103	13	310,167	23,859
65 TO 69	2	44,079	22,040	13	215,521	16,579	15	259,600	17,307
70 TO 74	1	22,142	22,142	11	153,943	13,995	12	176,085	14,674
75 TO 79	1	16,628	16,628	6	99,256	16,543	7	115,884	16,555
80 TO 84	0	0	10,020	11	222,458	20,223	11	222,458	20,223
85 TO 89	0	0	0	4	51,800	12,950	4	51,800	12,950
90 & UP	0	0	0	10	176,352	12,930	10	176,352	12,930
TOTAL	9	260,602	28,956	10	2,133,752	20,919	111	2,394,354	21,571
IOTAL	9	200,002	28,930	102	2,155,752	20,919	111	2,394,334	21,371
OTHER REVEELOUADED	2					1			
OTHER BENEFICIARIES		500 501	0.01.5		0.40.10.4	11.051		1 540 045	10 500
UNDER 30	61	598,721	9,815	83	942,124	11,351	144	1,540,845	10,700
30 TO 34	39	410,662	10,530	55	545,746	9,923	94	956,408	10,175
35 TO 39	55	492,527	8,955	103	1,067,101	10,360	158	1,559,628	9,871
40 TO 44	74	548,871	7,417	143	1,548,508	10,829	217	2,097,379	9,665
45 TO 49	85	692,841	8,151	208	1,887,637	9,075	293	2,580,478	8,807
50 TO 54	87	729,196	8,382	293	3,761,081	12,836	380	4,490,277	11,817
55 TO 59	98	773,307	7,891	484	7,095,663	14,660	582	7,868,970	13,521
60 TO 64	107	793,079	7,412	793	12,805,805	16,149	900	13,598,884	15,110
65 TO 69	95	908,650	9,565	1,084	16,400,045	15,129	1,179	17,308,695	14,681
70 TO 74	99	839,098	8,476	1,370	20,787,504	15,173	1,469	21,626,602	14,722
75 TO 79	97	715,861	7,380	1,959	27,825,084	14,204	2,056	28,540,945	13,882
80 TO 84	100	958,921	9,589	2,601	31,299,119	12,033	2,701	32,258,040	11,943
85 TO 89	89	573,272	6,441	2,490	27,448,871	11,024	2,579	28,022,143	10,866
90 & UP	54	330,908	6,128	1,919	20,091,220	10,470	1,973	20,422,128	10,351
TOTAL	1,140	9,365,914	8,216	13,585	173,505,508	12,772	14,725	182,871,422	12,419
ALL PENSIONERS AND	BENEFICIA	ARIES:							
UNDER 30	62	631,174	10,180	84	975,485	11,613	146	1,606,659	11,005
30 TO 34	48	707,475	14,739	58	631,744	10,892	106	1,339,219	12,634
35 TO 39	154	3,242,812	21,057	133	1,579,843	11,879	287	4,822,655	16,804
40 TO 44	941	28,405,653	30,187	477	11,018,244	23,099	1,418	39,423,897	27,802
45 TO 49	2,097	62,238,929	29,680	1,012	24,507,223	24,217	3,109	86,746,152	27,902
50 TO 54	3,496	109,635,993	31,360	1,229	27,211,313	22,141	4,725	136,847,306	28,962
55 TO 59	7,415	242,158,917	32,658	3,252	76,945,681	23,661	10,667	319,104,598	29,915
60 TO 64	12,574	397,101,499	31,581	6,607	149,924,132	22,692	19,181	547,025,631	28,519
65 TO 69	14,805	418,736,054	28,283	8,884	177,518,885	19,982	23,689	596,254,939	25,170
70 TO 74	11,621	292,479,849	25,168	7,531	130,691,211	17,354	19,152	423,171,060	22,095
75 TO 79	9,352	218,795,648	23,396	7,203	110,331,282	15,317	16,555	329,126,930	19,881
80 TO 84	7,692	170,396,053	23,390	7,203	98,007,065	13,184	15,126	268,403,118	17,744
85 TO 89	4,293	86,158,022	20,069	6,025	67,912,520	11,272	10,318	154,070,542	14,932
90 & UP	4,293	33,821,767	20,009	4,272	45.304.936	10,605	6,185	79,126,703	14,932
TOTAL	76,463	2,064,509,845	27,000	<u>4,272</u> 54,201	922,559,564	10,003		2,987,069,409	22,861
IUIAL	70,403	2,004,309,043	27,000	54,201	944,559,504	17,021	150,004	2,707,009,409	22,001

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### PART 5 STATISTICAL SECTION

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#### **Statistical Section Overview**

The Statistical Section assists users in understanding the basic financial statements by presenting detailed relevant financial and demographic information that provides historical perspective to the Plan's economic condition, trends, and operations. All data in this section is derived from the Plan's internal sources.

Beginning on page 168, the Cash Receipts and Disbursements Schedule presents the activity of the year on a cash basis.

The four tables beginning on page 169 contain 10-year financial trend information that helps the reader understand how the Plan's financial performance and activities have changed over time.

The following seven tables, starting on page 173 provide information related to pension payments. The first of these, Table of Average Benefit Payments, shows the summary for each of the prior six calendar years. The next four tables provide a profile of a substantial percentage of members who retired during calendar year 2009. The profiles of new pensioners include data concerning years of service, average salary base, age of retirees, and range of retirement allowances. The benefits stated reflect the maximum benefit to which the retirees in question would have been entitled as a Single Life retirement benefit, which does not provide payments to beneficiaries after the pensioner has died. This assures a common denominator for the statistics in the tables. However, in reality, many retirees selected options which *reduced* the maximum benefit payable to the retiree, and do provide for beneficiaries. The last two tables on the other hand, reflect the profiles of the entire retiree population and the types of options under which they are receiving benefits.

The tables beginning on page 180 reflect the changes over the last ten years in the number of active and retired members of the Plan.

#### CASH RECEIPTS AND DISBURSEMENTS Fiscal Year Ended June 30, 2010

(in thous ands)

Cash balance July 1, 2009	\$8,71
Receipts:	
Members' Contributions	\$398,75
Employers' Contributions	2,447,10
Members' Loan Payments	303,34
Interest and Dividends	1,216,26
Investments Redeemed	76,428,21
Miscellaneous	11,30
Total Cash Receipts	\$80,804,99
Total Cash Available	\$80,813,71
Disbursements:	
Benefit Payments and withdrawals	\$3,386,28
Transfers to other retirement systems	11,81
Loans to members	377,19
Investments Purchased	76,861,23
Investments Expenses	126,05
Administrative Expenses	48,50
Miscellaneous	2
Total Cash Disbursements	\$80,811,11
Cash balance June 30, 2010	\$2,59

### TABLE OF REVENUE BY SOURCE Fiscal Years 2001 through 2010 (in thousands of dollars)

Fiscal Year Ended June 30	Gross Member Contributions	Member Loans *	Net Member Contributions	Employer Contributions	Net Investment Income	Other Income	Total	Employer Contributions As a Percentage Of Annual Covered Payroll **
2010	\$ 398,964		\$ 398,964	\$ 2,197,717	\$ 4,318,810	\$ 4,696	\$ 6,920,187	19.4
2009	382,356		382,356	2,150,495	(7,036,151)	3,709	(4,499,591)	20.0
2008	366,144	ı	366,144	1,874,242	(1,883,669)	3,096	359,813	18.5
2007	351,073		351,073	1,471,030	6,670,857	2,997	8,495,957	15.2
2006	341,643	ı	341,643	1,024,358	3,405,699	2,937	4,774,637	11.2
2005	310,847		310,847	822,763	3,077,633	33,327	4,244,570	9.0
2004	298,263		298,263	310,589	4,811,766	10,194	5,430,812	3.5
2003	309,757		309,757	107,993	1,100,950	3,549	1,522,249	1.2
2002	326,443	ı	326,443	105,660	(3, 145, 539)	2,758	(2,710,678)	1.2
2001	655,017	330,850	324,167	100,025	(3,530,307)	3,269	(3,102,846)	1.3

loans paid out were shown as a reduction of members' contribution accounts. As of 2002, the member accounts are not affected; and the outstanding loans are being \* During 2002, the Plan has changed its accounting treatment for loans. Previously, the members' contributions included loan repayments by the members, and the shown as a member loan receivable in the Statement of Plan Net Assets.

\*\* The employer rates of contribution equal the employer contributions as percentages of the annual covered payroll of members who were on payroll as of the preceding June 30<sup>th</sup>, adjusted where applicable, to be consistent with collective bargaining agreements estimated to be achieved. The annualized covered payroll under the One-Year Lag Methodology, used for fiscal year 2006 employer contributions, differs from that as of June 30, 2004 to compute fiscal year 2005 employer contributions due to changes in actuarial assumptions and utilizing recent information received concerning labor contract settlements.

### TABLE OF BENEFIT EXPENSES BY TYPEFiscal Years 2001 through 2010(in thousands of dollars)

FISCAL YEAR ENDED JUNE 30	TOTAL RETIREMENT BENEFITS	TOTAL DEATH BENEFITS	OTHER	CHANGE IN ACCRUED BENEFITS PAYABLE	TOTAL BENEFIT PAYMENTS
2010	\$ 3,220,938	\$ 121,586	\$ 74	\$ (22,500)	\$ 3,320,098
2009	3,116,945	77,960	(66)	1,785	3,196,624
2008	2,983,004	90,415	3,834	(122,753)	2,954,500
2007	2,914,609	71,992	1,837	175,867	3,164,305
2006	2,753,213	99,298	34,411	25,831	2,912,753
2005	2,667,860	96,992	38,221	(9,477)	2,793,596
2004	2,616,435	79,296	24,215	(44,773)	2,675,173
2003	2,499,828	84,932	66,810	64,688	2,716,258
2002	2,348,951	85,289	19,188	(61,454)	2,391,974
2001	2,223,630	85,683	0	63,334	2,372,647
2000	1,959,763	74,593	0	44,090	2,078,446

System
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# TABLE OF CHANGES IN PLAN NET ASSETSFiscal Years 2001 through 2010(in thousands of dollars)

			Deduc	<b>Deductions from Plan Net Assets</b>	ssets		Net Change in
Fiscal YearAdditions toFiscal YearPlan Net AssEnded June 30per Table ofRevenue by	Additions to Plan Net Assets per Table of Revenue by Source	Benefit Payments per Table of Benefit Expenses by Type	Refunds	Payments To OtherAdministrativePension SystemsExpensesand Funds	Adminis trative Expenses	Total Deductions	Plan Net Assets
2010	\$ 6,920,187	\$ 3,320,098	\$ 58,325	\$ 11,710	\$ 49,676	49,676 \$ 3,439,809	\$ 3,480,378
2009	(4,499,591)	3,196,624	55,451	12,922	48,822	3,313,819	(7,813,410)
2008	359,813	2,954,500	142,132	13,685	46,999	3,157,316	(2,797,503)
2007	8,495,957	3,164,305	51,883	11,909	41,695	3,269,792	5,226,165
2006	4,774,637	2,912,753	49,470	10,278	40,291	3,012,792	1,761,845
2005	4,244,570	2,793,596	49,692	14,983	37,307	2,895,578	1,348,992
2004	5,430,812	2,675,173	45,363	22,044	35,559	2,778,139	2,652,673
2003	1,522,249	2,716,258	90,717	(1,526)	34,101	2,839,550	(1,317,301)
2002	(2,710,678)	2,391,974	121,400	15,995	31,548	2,560,917	(5,271,595)
2001	(3,102,846)	2,372,647	43,270	21,800	31,584	2,469,301	(5,572,147)

### TABLE OF BENEFITS PAIDFiscal Years 2001 through 2010(in thousands of dollars)

					Death B	enefits
<b>Fiscal Year</b>	Retirement	Member ]	Loans	Refunds	In	After
	Allowances				Service	Retirement
Ended June 30	Amount Paid	Amount Paid	No. Loans	Amount Paid	Amount Paid	Amount Paid
2010	\$ 3,220,938	\$ 376,319	52,923	\$ 58,325	\$ 81,074	\$ 40,512
2009	3,116,945	337,231	49,336	55,451	56,329	21,631
2008	2,983,004	279,754	45,882	142,132	67,699	22,716
2007	2,914,609	295,146	45,771	51,883	46,815	25,177
2006	2,753,213	293,691	47,039	49,470	63,048	36,250
2005	2,667,860	273,890	48,770	49,692	64,772	32,220
2004	2,616,435	281,906	52,342	45,363	48,087	31,209
2003	2,499,828	278,295	53,747	81,882	57,912	35,915
2002	2,348,951	276,153	49,520	121,151	55,266	39,014
2001	2,223,630	330,850	54,521	43,270	51,530	42,271

#### TABLE OF AVERAGE ANNUAL BENEFIT PAYMENTS SERVICE RETIREMENT EXPERIENCE – 6 YEAR HISTORY Calendar Years 2004 – 2009

				Year	s of Credited	Service				
YEAR OF RETIREMENT	0-4.9	5-9.9	10-14.9	15-19.9	20-24.9	25-29.9	30-34.9	35-39.9	40 and over	SUMMARY
2009										
AVG. RETIREMENT ALLOW.	0	\$ 6,037	\$ 10,508	\$ 15,532	\$ 31,904	\$ 38,701	\$ 48,911	\$ 57,209	\$ 74,101	\$ 34,781
% OF SALARY BASE	0	12	20	28	46	53	63	78	93	51
FINAL AVERAGE SALARY	0	\$ 50,308	\$ 52,540	\$ 55,471	\$ 69,357	\$ 73,021	\$ 77,637	\$ 73,345	\$ 79,678	\$ 68,198
NO. OF RETIREES INCLUDED	0	197	325	293	1,320	1,246	424	335	117	4,257
2008										
AVG. REFIREMENT ALLOW.	0	\$ 5,617	\$ 10,953	\$ 14,842	\$ 31,030	\$ 36,569	\$ 47,074	\$ 56,390	\$ 64,696	\$ 33,194
% OF SALARY BASE	0	12	20	28	46	53	63	79	95	50
FINAL AVERAGE SALARY	0	\$ 46,805	\$ 54,765	\$ 53,008	\$ 67,457	\$ 68,997	\$ 74,721	\$ 71,379	\$ 68,101	\$ 66,388
NO. OF REFIREES INCLUDED	0	176	309	371	1,270	1,104	368	371	122	4,091
2007										
AVG. RETIREMENT ALLOW.	0	\$ 5,504	\$ 10,442	\$ 14,656	\$ 31,827	\$ 34,878	\$ 45,406	\$ 52,715	\$ 66,660	\$ 32,103
% OF SALARY BASE	0	12	21	28	46	53	66	77	101	50
FINAL AVERAGE SALARY	0	\$ 45,867	\$ 49,724	\$ 52,343	\$ 69,189	\$ 65,808	\$ 68,797	\$ 68,461	\$ 66,000	\$ 64,206
NO. OF RETIREES INCLUDED	0	229	300	403	1,597	1,224	401	397	91	4,642
2006										
AVG. RETIREMENT ALLOW.	0	\$ 5,406	\$ 10,187	\$ 14,024	\$ 31,267	\$ 35,219	\$ 45,506	\$ 52,429	\$ 66,490	\$ 31,199
% OF SALARY BASE	0	12	20	29	47	53	67	77	99	50
FINAL AVERAGE SALARY	0	\$ 45,050	\$ 50,935	\$ 48,359	\$ 66,526	\$ 66,451	\$ 67,919	\$ 68,090	\$ 67,162	\$ 62,398
NO. OF RETIREES INCLUDED	0	183	335	474	1,387	1,010	446	338	62	4,235
2005										
AVG. RETIREMENT ALLOW.	0	\$ 5,323	\$ 9,569	\$ 13,949	\$ 30,459	\$ 33,866	\$ 42,530	\$ 48,364	\$ 57,950	\$ 29,626
% OF SALARY BASE	0	12	20	28	47	52	68	76	93	49
FINAL AVERAGE SALARY	0	\$ 44,358	\$ 47,845	\$ 49,818	\$ 64,806	\$ 65,127	\$ 62,544	\$ 63,637	\$ 62,312	\$ 60,461
NO. OF REFIREES INCLUDED	0	172	387	479	1,564	797	594	292	58	4,343
2004										
AVG. RETIREMENT ALLOW.	0	\$ 5,307	\$ 8,674	\$ 13,409	\$ 30,196	\$ 33,437	\$ 42,304	\$ 51,988	\$ 65,482	\$ 28,915
% OF SALARY BASE	0	12	19	28	47	52	66	76	96	48
FINAL AVERAGE SALARY	0	\$ 44,225	\$ 45,653	\$ 47,889	\$ 64,247	\$ 64,302	\$ 64,097	\$ 68,405	\$ 68,210	\$ 60,240
NO. OF RETIREES INCLUDED	0	179	351	415	1,344	544	524	218	42	3,617
AVG. RETIREMENT ALLOW.	0	\$ 4,937	\$ 8,839	\$ 13,165	\$ 30,570	\$ 35,504	\$ 41,801	\$ 51,788	\$ 60,528	\$ 29,128

## SERVICE RETIREMENT EXPERIENCE TABLE OF AVERAGE RETIREMENT ALLOWANCE BY AGE AND YEARS OF SERVICE Calendar Year 2009

							7	AGE AT RETIREMENT	RETIRE	MENT								
	NN	UNDER 50			50-54		L CO	55-59			60-64		9	62-69		70 A	70 AND OVER	×
Years of Service	Average Allowance	No. of Retire- ments	% of Salary Base	Average Allowance	No. of % of Retire- Salary ments Base		Average Allowance	No. of Retire- ments	% of Salary Base									
0-4.9																		
5-9.9				\$8,054	1	8	\$5,699	48	12	\$5,502	79	12	\$6,982	44	13	\$6,635	25	13
10-14.9				4,800	7	14	10,667	52	18	10,451	125	20	10,825	96	20	10,691	45	20
15-19.9				10,126	1	41	12,091	37	25	15,472	140	29	16,487	84	28	17,495	31	29
20-24.9	\$44,576	283	50	42,055	113	50	28,606	146	42	26,721	437	44	25,901	254	44	26,596	87	44
25-29.9	46,155	35	51	45,099	147	54	39,017	410	52	37,363	465	53	35,955	148	54	31,338	41	55
30-34.9	39,218	1	61	51,938	39	62	48,237	176	62	48,932	151	63	45,285	38	64	56,531	19	66
35-39.9				49,878	14	72	58,370	123	77	54,837	134	78	60,049	49	79	66,447	15	103
40 & Over							50,179	∞	83	74,918	70	89	76,842	25	100	78,787	14	116
Summary	Summary \$ 44,732	319	50	\$ 43,967	322	54	\$ 37,520	1,000	53	\$ 33,066	1,601	51	\$ 28,748	738	46	\$ 28,743	277	48

#### SERVICE RETIREMENT EXPERIENCE TABLE OF DISTRIBUTION OF RETIREMENT ALLOWANCE BY AGE Calendar Year 2009

			AGEAT	RETIREME	NT		
Allowance Range	Under 50	50-54	55-59	60-64	65-69	70 & Older	TOTAL
\$1,999 or Less			1	2		2	5
2,000-3,999		2	24	20	11	6	63
4,000-5,999		4	25	53	22	12	116
6,000-7,999		1	27	48	33	14	123
8,000-9,999		2	23	51	36	15	127
10,000-11,999		2	19	51	28	14	114
12,000-13,999		5	20	46	34	12	117
14,000-15,999		5	25	59	48	18	155
16,000-17,999			32	61	38	15	146
18,000-19,999		3	24	88	41	23	179
20,000-21,999		3	23	77	52	23	178
22,000-23,999		4	34	86	31	13	168
24,000-25,999		6	20	69	38	11	144
26,000-27,999	3	3	25	62	29	11	133
28,000-29,999		7	26	55	27	8	123
30,000-31,999	1	7	45	55	26	2	136
32,000-33,999		8	37	66	28	5	144
34,000-35,999	3	11	43	44	21	3	125
36,000-37,999	15	16	47	64	21	3	166
38,000-39,999	63	27	45	48	18	5	206
\$40,000 or more	234	206	435	496	156	62	1,589
TOTAL	319	322	1,000	1,601	738	277	4,257

<b>Retirement System</b>
Employees'
City
York
New

# SERVICE RETIREMENT EXPERIENCE TABLE OF DISTRIBUTION OF RETIREMENT ALLOWANCE BY YEARS OF SERVICE Calendar Year 2009

\$1,999 or Less 2,000 - 3,999 4,000 - 5,999		9.6-0	10-14.9	15-19.9	20-24.9	25-29.9	30-34.9	35-39.9	40 & Over	TOTAL
		5								5
		53	6	1						63
		65	48	3						116
6,000 - 7,999		33	72	18						123
8,000 - 9,999		18	63	43	3					127
10,000 - 11,999		11	42	51	10					114
12,000 - 13,999		8	28	41	37	3				117
14,000 - 15,999		1	25	27	94	8				155
16,000 - 17,999		3	11	25	82	22	2	1		146
18,000 - 19,999			6	25	87	50	7	1		179
20,000 - 21,999			6	12	96	52	10	2		178
22,000 - 23,999			4	14	77	60	11	2		168
24,000 - 25,999			2	6	67	54	11	4		144
26,000 - 27,999			1	7	51	59	7	7	1	133
28,000 - 29,999				3	46	56	14	4		123
30,000 - 31,999				7	37	62	19	11		136
32,000 - 33,999			1	2	34	73	14	18	2	144
34,000 - 35,999				1	30	68	15	9	2	125
36,000 - 37,999			1	1	55	68	17	22	2	166
38,000 - 39,999			1	1	97	73	17	13	4	206
\$40,000 or more			2	5	417	538	280	241	106	1,589
TOTAL	•	197	325	293	1,320	1,246	424	335	117	4,257

Retirement System
Employees'
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Calendar Years 2000 through 2009

	SEC	AVEDACE	AVEDACE VEADS		AVERAGE TOTAL DETIDEMENT	AVERAGE TOTAL RETIREMENT
YEAR	ANALYZED	AVERAGE	OF SERVICE	AVENAUE SALANI BASE	ALLOWANCE	AVERAGE SALARY BASE
2009	464	53	18	\$55,194	\$19,870	36
2008	428	52	17	54,649	19,127	35
2007	437	53	17	52,520	18,382	35
2006	465	52	17	52,009	18,203	35
2005	490	53	18	50,072	18,026	36
2004	500	52	17	48,614	17,015	35
2003	428	52	16	47,914	16,770	35
2002	403	51	16	47,429	16,600	35
2001	453	50	16	43,933	15,816	36
2000	493	52	16	42,500	14,875	35

## TABLE OF BENEFIT EXPERIENCE: ACCIDENTAL DISABILITY RETIREMENT\* Calendar Years 2000 through 2009

			Calellu	Calchual Teals 2000 uil ough 2007	2007 1	
					AVEBACE TOTAL	AVERAGE TOTAL Detidement
	CASES	AVERAGE	AVERAGE YEARS	AVERAGE YEARS AVERAGE SALARY	RETIREMENT	ALLOWANCE AS A % OF
YEAR	ANALYZED	AGE	<b>OF SERVICE</b>	BASE	ALLOWANCE	AVERAGE SALARY BASE
2009	80	46		\$70,204	\$52,653	75
2008	101	48		68,551	50,728	74
2007	94	47		63,856	47,892	75
2006	111	46		63,050	46,657	74
2005	100	46		59,720	44,193	74
2004	86	45		58,529	42,141	72
2003	73	43		56,039	42,029	75
2002	48	41		55,697	40,102	72
2001	43	41	NOT	49,941	36,457	73
2000	14	51	APPLICABLE	58,339	49,005	84
*It is to be	*It is to be noted that certain accidental disabili	accidental disabil	lity benefits are reduced b	y amounts awarded by the	Workers' Compensation Board	ty benefits are reduced by amounts awarded by the Workers' Compensation Board of the N.Y.State Department of

Labor.

<u>Benefit Types</u>	Number Of <u>Retirees</u> *	<u>Service</u>	Disability <u>(Non-Duty)</u>	Disability and Deaths <u>(Duty)</u>
Single Life	73,799	64,102	5,769	3,928
Joint and Survivor	25,888	24,609	1,119	160
Lump Sum or Term Certain	16,947	14,642	1,870	435
Advanced payments – no option selected yet	2,651	2,358	266	27
Surviving Annuitants	15,765	13,676	1,815	274
Total	135,050	119,387	10,839	4,684

#### RETIRED MEMBERS BY TYPE OF BENEFIT AS OF JUNE 30, 2010

\* Includes retirees and beneficiaries who received a retirement payment on the pensioners' payroll as of June 30, 2010. These statistics do not include either suspended recipients or those who have died and the pension number has not yet been terminated from the roster since the cases are still open.

## Table of Retirement Benefits by Type 10 Year History

## Fiscal Years 2001 through 2010

	Age a	Age and Service	Disability (non-	(non-duty)	Disabi	Disability (duty)	Surviving	Surviving Beneficiaries	T	Totals
Year ended June 30	number of recipients	annualized benefits	number of recipients	annualized benefits						
2010	105,711	\$ 2,737,935,086	9,024	\$ 145,106,768	4,550	\$ 131,187,952	15,765	\$ 223,016,505	135,050	\$ 3,237,246,311
2009	104,577	\$ 2,621,674,824	8,852	\$ 140,632,668	4,555	\$ 129,021,864	15,677	\$ 215,413,068	133,661	\$ 3,106,742,424
2008	104,272	\$ 2,548,136,556	9,245	\$ 141,456,288	3,941	\$ 117,703,056	15,612	\$ 202,543,632	133,070	\$ 3,009,839,532
2007	103,506	\$ 2,461,915,740	9,107	\$ 135,318,672	3,956	\$ 113,492,071	15,575	\$ 196,165,982	132,144	\$ 2,906,892,465
2006	102,625	\$ 2,378,419,392	8,969	\$ 133,361,592	3,917	\$ 110,503,836	15,502	\$ 186,999,924	131,013	\$ 2,809,284,744
2005	101,921	\$ 2,288,601,642	8,786	\$ 124,763,498	3,846	\$ 105,608,405	15,311	\$ 178,453,060	129,864	\$ 2,697,426,605
2004	101,724	\$ 2,230,650,993	8,588	\$ 119,838,980	3,825	\$ 102,764,472	15,262	\$ 170,549,892	129,399	\$ 2,693,805,337
2003	101,188	\$ 2,159,162,758	8,423	\$ 116,896,912	3,435	\$ 100,007,789	14,979	\$ 160,218,723	128,025	\$ 2,536,286,182
2002	96,883	\$ 1,980,699,337	8,268	\$ 112,982,540	3,442	\$ 98,640,449	14,884	\$ 155,136,763	123,477	\$ 2,347,459,089
2001	97,280	\$ 1,921,851,169	8,049	\$ 107,209,652	3,472	\$ 97,929,609	15,157	\$ 155,596,602	123,958	\$ 2,282,587,032

Fiscal Year Ended June 30	New Pensioners	Terminated Pensioners	Net Change	Total Number	Percentage Change
2010	6,140	3,470	2,670	147,180	1.85
2009	4,952	2,785	2,167	144,508	1.52
2008	5,444	3,812	1,632	142,341	1.16
2007	5,802	3,569	2,233	140,709	1.61
2006	5,394	3,111	2,283	138,476	1.68
2005	5,013	4,328	685	136,193	.51
2004	4,086	4,187	(101)	135,508	(.07)
2003	8,856	5,672	3,184	135,609	2.40
2002	4,232	3,150	1,082	132,425	.82
2001	6,212	4,115	2,097	131,343	1.62

#### TABLE OF PENSIONERS AND BENEFICIARIESFiscal Years 2001 through 2010

Fiscal Year Ended June 30	Number of Entrants During Year	Number of Withdrawals During Year	Net Change	Total Membership	Percentage Change
2010	9509	9181	328	232,420	0.14
2009	11,454	9,793	1,661	232,092	0.72
2008	14,180	13,876	304	230,431	0.13
2007	13,743	15,950	(2,207)	230,127	(.95)
2006	12,754	5,129	7,625	232,334	3.39
2005	10,397	11,816	(1,419)	224,709	(.63)
2004	9,894	10,974	(1,080)	226,128	(.48)
2003	10,881	13,716	(2,835)	227,208	(1.23)
2002	12,843	7,425	5,418	230,043	2.41
2001	15,582	13,270	2,312	224,625	1.04

#### TABLE OF ACTIVE MEMBERSFiscal Years 2001 through 2010