The City of New York
Deferred Compensation Plan/
New York City Employee IRA

# Comprehensive Annual Financial Report

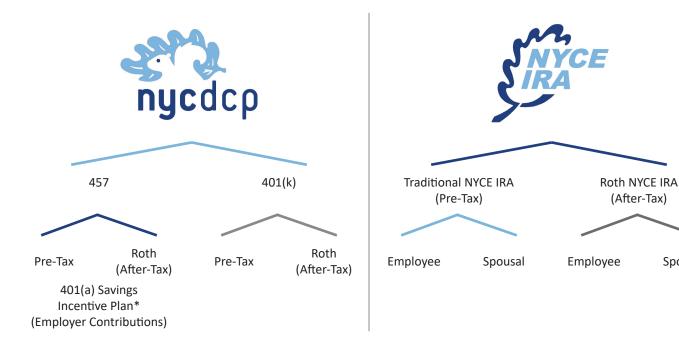


2019

For the Fiscal Years Ended December 31, 2019 and 2018 The Deferred Compensation Plan is a Fiduciary Fund of The City of New York



# **Array of Programs**



Spousal



<sup>\*</sup> Available to eligible City employees with a negotiated employer contribution, subject to an agreed-upon annual employee contribution to the 457 Plan.



The City of New York
Deferred Compensation Plan/
New York City Employee IRA
Comprehensive Annual Financial Report

For the Fiscal Years Ended December 31, 2019 and 2018

#### Prepared by:

Georgette Gestely Director

Joan Barrow Chief Accountant

Sections 457, 401(k) and 401(a) Plans and Section 408(q) New York City Employee IRA (NYCE IRA) reported within the City of New York's Comptroller's Comprehensive Annual Financial Report



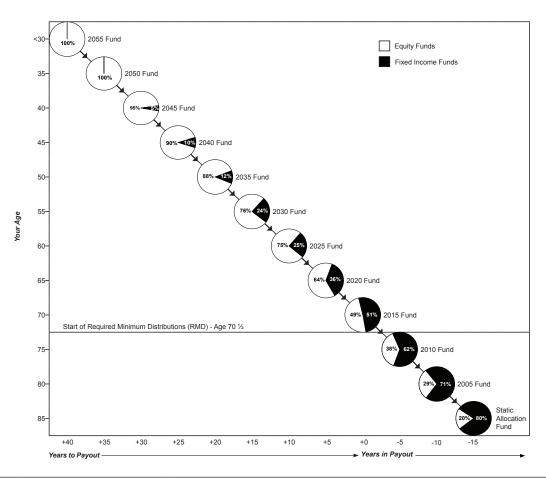


### **Program Investment Choices**

# Pre-Arranged Portfolios

Participants are offered a choice of 12 Pre-Arranged Portfolios. Participants should choose a Pre-Arranged Portfolio based on their age or distribution begin date.

On January 1, 2020, the 2005 Fund was rolled into the Static Allocation Fund and the 2060 Fund was added to the Pre-Arranged Portfolio line-up. If you were invested in the 2005 Fund on December 31, 2019, your funds were automatically rolled into the Static Allocation Fund.



#### Small-Cap Equity Fund High Core International Equity Fund **Options** Potential Risk/ Mid-Cap Equity Index Fund Potential Re-Global Socially Responsible Index Fund ward **Equity Index Fund** Scale Bonds **Bond Index Fund** Stable Value Stable Income Fund

All Plan assets are in either a separately managed account or a commingled account. Unlike a mutual fund, a separate account is not open to outside investors and is created solely for the benefit of Plan participants. Separate accounts only contain Deferred Compensation Plan assets and all participants trade according to the same rules.

Rather than utilize a single investment manager for some options, the Plan has created core investment options with multiple managers to diversify Plan risk. This structure provides flexibility to change managers, if necessary, without suspending participant trading.



# **Table of Contents**



#### **Introductory Section**

Board Members	6
Organization Chart	6
Letter of Transmittal	7
Award	10
Plan Summaries:	
457, 401(k) & 401(a) Plan Summary	11
NYCE IRA Plan Summary	17
Financial Section	
Introduction to Financial Section	21
Report of Independent Auditors	22
Management's Discussion & Analysis (MD&A)	25
Basic Financial Statements:	
Statements of Plan Fiduciary Net Position	30
Statements of Changes in Plan Fiduciary Net Position	31
Notes to Financial Statements	32
Supplemental Information other than MD&A	
Combining Schedules of Plan Fiduciary Net Position	
Schedules of Cash Receipts and Disbursements	
Schedules of Administrative Expenses and Recordkeeping/Loan Fees	
Schedules of Investment Management Fees	51
Investment Options Section	
Asset Allocation	
Pre-Arranged Portfolios	54
Core Investment Options	55
Self-Directed Brokerage Option	
Investment Summary	
Investment Management and Administrative Fees	
Plan Performance Summary (One-, Three-, and Five-Year Periods)	60
Statistical Section (Ten-Year Periods)	
Financial Trend Information:	
Plan Net Position	
Additions to and Deductions from Assets by Type	
Changes In Plan Net Position	63
Demographic Information:	
Employee Participation and Deferral Trends	63
Summary of Administrative Revenues and Expenses	64





### **Introductory Section**

#### **Board Members**

Bill de Blasio

Mayor of The City of New York

Scott M. Stringer

Comptroller of The City of New York

Renee Campion, Chair

Commissioner, Office of Labor Relations

**Melanie Hartzog** 

Director, Office of Management & Budget

Jacques Jiha

Commissioner, Department of Finance

**Lisette Camilo** 

Commissioner, Department of Citywide Administrative Services

Dermot F. Shea

Police Commissioner

Daniel A. Nigro

Fire Commissioner

**Henry Garrido** 

District Council 37, AFSCME

**Gerard Fitzgerald** 

Uniformed Firefighters Association

**Counsel to the Deferred Compensation Plan:** 

James E. Johnson

Corporation Counsel

Organization Chart
Office of Labor Relations

Renee Campion

Commissioner

Steven H. Banks

First Deputy Commissioner General Counsel

**Georgette Gestely** 

Director, Employee Benefits Program

#### The Deferred Compensation Plan

**Georgette Gestely** 

Director

Joan Barrow

Chief Accountant

**Beth Kushner** 

Deputy Director, Administration

Sang Hong

Deputy Director, Operations

Dean S. Weltman

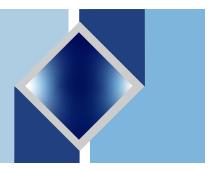
Executive Agency Counsel

**Michael Borushek** 

IT Manager, CIO

The investment returns on pages 52, 54 and 60 and the 2019 Expense Ratios on page 59 are calculated by the Plan's Consultant, Milliman.

# Letter of Transmittal





# Office of Labor Relations **Deferred Compensation Plan & NYCE IRA**

22 Cortlandt Street, 28<sup>th</sup> Floor, New York, NY 10007
Tel: 212 306-7760 / Outside NYC: 888 DCP-3113 and 888 IRA-NYCE nyc.gov/deferredcomp and nyc.gov/nyceira

#### Board Members

Mayor of the City of New York
Comptroller of the City of New York
Commissioner, Office of Labor Relations
Director, Office of Management & Budget
Commissioner of Finance
Commissioner, Citywide Administrative Services
Police Commissioner
Fire Commissioner
Uniformed Firefighters Association
District Council 37, AFSCME
Counsel to the Board, Corporation Counsel

Renee Campion
Commissioner
Steven H. Banks
First Deputy Commissioner
General Counsel
Georgette Gestely
Director, Employee Benefits Program
Beth Kushner
Deputy Director, Administration
Sang Hong
Deputy Director, Operations

June 16, 2020

Members of the Board The City of New York Deferred Compensation Plan/NYCE IRA 22 Cortlandt Street New York, New York 10007

The Mayor's Office of Labor Relations is pleased to present you with the thirty-third Comprehensive Annual Financial Report of The City of New York Deferred Compensation Plan/NYCE IRA.

#### An Umbrella Program

The Deferred Compensation Plan (Plan) is an umbrella program for three defined contribution plans, the 457 Plan, 401(k) Plan, and 401(a) Plan, and a Deemed IRA called the New York City Employee (NYCE) IRA. The 457 Plan began operations in 1986, and the 401(k) Plan was introduced in January 2002. The NYCE IRA was introduced in 2006 and is also available to spouses of eligible City employees. NYCE IRA account owners are able to make contributions, consolidate their retirement assets through rollovers, and deposit their income tax refunds into their accounts.

The 401(a) Savings Incentive Program was added to the Deferred Compensation Plan in 2007. The 401(a) plan provides an employer contribution to eligible employees, as determined by labor agreements. The employer contribution is an incentive for employees to save even more for retirement by making contributions to the 457 Plan.

The investment program offered to participants is the same for all the programs under the Deferred Compensation Plan/NYCE IRA umbrella. The Plan offers participants core investment options and target date pre-arranged portfolios.

Eligible participants for the Deferred Compensation Plan include employees of The City of New York, the Housing Authority, the School Construction Authority, the Water Finance Authority, the Department of Education, NYC Health + Hospitals and the community colleges of the City University of New York (401(k) only). These employees, as well as all NYC retirees who worked for the City from 1985 onwards, and the spouses of active and retired employees, are eligible to establish a NYCE IRA account.

As of December 31, 2019, the 457, 401(k), the NYCE IRA and the 401(a) had, \$19.7 billion, \$3.7 billion, \$403 million, and \$28 million, respectively, in net positions. This compares to \$16.4 billion, \$3.0 billion, \$339 million, and \$23 million, respectively, in assets available for Plan benefits at December 31, 2018.

#### Plan Funding and Expense Payment

The administration of The City of New York Deferred Compensation Plan is entirely self-funded. In 2019, it was financed through a combination of participants' quarterly administrative fees, amounts deducted from the net asset values, and interest earned on assets held in the Plan's custodial account. These funds covered custodial and recordkeeping expenses, communications, and administrative expenses.

Membership	457Plan	401(k) Plan	NYCE IRA	401(a) Plan	<b>Total Participant Accounts</b>
Total Participants 2019	150,675	58,103	5,116	3,011	216,905
Total Participants 2018	146,660	54,288	4,883	3,028	208,859
Net Increase/(decrease)	4,015	3,815	233	(17)	8,046

#### **Investments**

Each Plan investment contract is procured in accordance with applicable New York State Regulations and New York City laws and awarded to the manager with the best combination of investment experience, performance history and management fees. In December 2016, the Deferred Compensation Board approved a resolution establishing the New York City Deferred Compensation Plan Minority and Women-Owned Business Enterprise (MWBE) Policy for the purpose of ensuring the inclusion of MWBE asset managers in searches conducted by or on behalf of the Board. The Deferred Compensation Plan offers twelve pre-arranged portfolios and seven core investment options. The investment performance results, net of fees, are shown below:

Investment Option	2019 Yield/Return	Investment Option	2019 Yield/Return
Static Allocation Fund	8.6%	Stable Income Fund	2.4%
2005 Fund*	9.0%	Bond Index Fund	8.7%
2010 Fund	11.5%	Equity Index Fund	31.7%
2015 Fund	14.0%	Global Socially Responsible Index Fund	28.7%
2020 Fund	17.2%	Mid-Cap Equity Index Fund	26.1%
2025 Fund	21.2%	International Equity Fund	26.0%
2030 Fund	23.6%	Small-Cap Equity Fund	29.8%
2035 Fund	25.2%		
2040 Fund	26.5%		
2045 Fund	27.0%		
2050 Fund	28.1%		
2055 Fund	29.1%		

<sup>\*</sup>On January 1, 2020, the 2005 Fund was rolled into the Static Allocation Fund and the 2060 Fund was added to the Pre-Arranged Portfolio line-up. If you were invested in the 2005 Fund on December 31, 2019, your funds were automatically rolled into the Static Allocation Fund.

#### Recordkeeper Transition

In November 2019, the Deferred Compensation Plan changed its recordkeeper. The Plan transitioned from FASCore, LLC to Voya Financial. The New York City Deferred Compensation Board performed a procurement for recordkeeping services in accordance with New York State regulations. After an extensive review process, the Board selected Voya based upon the best combination of technical merit and price.

#### Award

#### Certificate of Achievement for Excellence in Financial Reporting

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to The City of New York Deferred Compensation Plan for its comprehensive annual financial report for the fiscal year ended December 31, 2018. This was the twenty-fifth consecutive year that the Plan has achieved this prestigious award. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

#### 2019 Annual Report

The management of The City of New York Deferred Compensation Plan is responsible for establishing and maintaining procedures to administer and oversee Plan operations. An internal control structure is designed to provide reasonable assurance that the assets of the system are safeguarded against loss, theft, or misuse, and that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles.

Furthermore, the concept of reasonable assurance recognizes that:

- 1. the cost of a control should not exceed the benefits likely to be derived from it; and
- 2. the valuation of cost and benefits requires estimates and judgment by management.

We believe the information presented in the Comprehensive Annual Financial Report is accurate and fair in all material respects.

This Letter of Transmittal is designed to complement Management's Discussion and Analysis (MD&A) and should be read in conjunction with it. The MD&A can be found immediately following the report of the independent auditors.

#### **Independent Auditors**

The Program financial statements for the years ended December 31, 2019 and 2018 were audited by CliftonLarsonAllen LLP.

#### Acknowledgements

We wish to express our appreciation and gratitude to the dedicated and knowledgeable individuals who comprise both the staff and the consulting community: the Plan's custodian, The Bank of New York Mellon; the Plan's legal advisors, Ice Miller, LLP and Morgan Lewis & Bockius, LLP; the Plan's educational consultant, ICMA-RC; the Plan's former recordkeeper, FASCore LLC, and current recodkeeper, Voya Financial, who is responsible for the maintenance of individual participant accounts and the issuance of quarterly participant statements; and the Plan's investment consultants, Mercer Investment Consulting, Inc., NEPC, LLC and Milliman USA, who also provided the investment return figures throughout this report. These individuals ensure the continued availability to the New York City employees of the finest possible defined contribution plan at the lowest possible cost.

Sincerely,

Georgette Gestely

Director

Joan E. Barrow Chief Accountant



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

# City of New York Deferred Compensation Plan New York

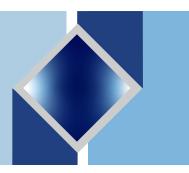
For its Comprehensive Annual Financial Report for the Fiscal Year Ended

**December 31, 2018** 

Christopher P. Morrill

Executive Director/CEO

# Plan Summary Section for the 457,401(k) and 401(a) Plans



The City of New York Deferred Compensation Board (the "Board") was established by Executive Order No. 81 dated April 16, 1985 and Executive Order No. 85, dated November 13, 1985 of the Office of the Mayor. Executive Orders Nos. 81 and 85 were replaced by Executive Order No. 158, dated October 19, 2011. The Board is comprised of the Mayor of The City of New York, the Comptroller of The City of New York, the Commissioner of the Office of Labor Relations, the Director of the Office of Management & Budget, the Commissioner of Finance, the Commissioner of the Department of Citywide Administrative Services, the Police Commissioner, the Fire Commissioner, and two persons designated by the Municipal Labor Committee. The Municipal Labor Committee designated representatives from the Uniformed Firefighters Association and District Council 37, AFSCME to serve on the Board. The Corporation Counsel is counsel to the Board and the Plan. In 1986, the Board implemented the Deferred Compensation Plan for Employees of The City of New York and Related Agencies and Instrumentalities (the "457 Plan") which is governed by §457 of the Internal Revenue Code of 1986. as amended (the "Code"). In January 2002, the Board commenced enrollment in the 401(k) Plan for Employees of The City of New York and Related Agencies and Instrumentalities (the "401(k) Plan"). In April 2006, the 401(k) Plan began accepting Roth (after-tax) contributions. In January 2007, the Board established the 401(a) Savings Incentive Plan for the Employees of The City of New York and Related Agencies and Instrumentalities (the "401(a) Plan"). The 401(a) Plan accepts only negotiated employer contributions for eligible employees who have made agreed-upon employee contributions to the 457 Plan. In 2011, as a result of the passage of the Small Business Jobs and Credit Act of 2010, the 457 Plan began accepting Roth (after-tax) contributions. The Mayor's Office of Labor Relations (the "Plan Administrator") administers the 457 Plan, the 401(k) Plan and the 401(a) Plan. The 457 Plan, 401(k) Plan and the 401(a) Plan will, at all times, comply with the Code and corresponding federal and state regulations and all other applicable laws. The 457, 401(k) and 401(a) Plans will sometimes be referred to collectively as the "Plans."

The Plans are voluntary retirement contribution programs. The employers participating in the Plans include The City of New York, the Department of Education, NYC Health + Hospitals, the community colleges of the City University of New York (the 401(k) Plan only), the New York City Housing Authority, the New York City School Construction Authority and the New York City Municipal Water Finance Authority.

#### **Delegation by Employers**

The employers participating in the Plans have delegated their powers, duties, and responsibilities under the Plans to the Board.

#### **Participation**

An employee is eligible to participate in the Plans after the date he or she becomes a participant by completing an agreement (the "Participation Agreement"), via the Plans' Web site, or through a Plan Enrollment Form with the Plan Administrator. All eligible employees enroll in the 457 Plan and/or the 401(k) Plan through the Plans' Web site at nyc.gov/ deferredcomp, or by submitting a Plan Enrollment Form. Eligibility to participate in the 401(a) Plan is determined by labor agreements.

The Participation Agreement must specify (a) the percentage of the participant's includible compensation to be deferred in multiples of 0.5%, not less than 1% nor greater than 75% and (b) the investment option(s) selected by the participant, including the percentages to be allocated to the selected option(s), in increments of 1%.

#### **Maximum Deferrals**

#### 457 Plan

The maximum amount which may be deferred, for both pre-tax and Roth contributions by a participant in the 457 Plan in a calendar year, may not exceed the lesser of (a) \$19,000 (\$19,500 in 2020) or (b) 75% of an active participant's "includible

compensation" (as defined by the Code). If you choose to contribute to both the 457 and the 401(k), your combined deferral election cannot exceed 75%. However, under certain circumstances, up to double the annual maximum participant contribution may be deferred by a participant during each of the last three years prior to reaching his or her designated "Normal Retirement Age" ("Deferral Acceleration for Retirement Amount") if less than the maximum was deferred during earlier years. In addition, participants age 50 and over can defer an additional \$6,000 (\$6,500 in 2020), irrespective of prior contributions ("Age 50 and Over Catch-Up"). Participants age 50 and over can defer the greater of: (i) the Deferral Acceleration for Retirement Amount, or (ii) the Age 50 and Over Catch-Up amount in any of the three years prior to the designated Normal Retirement Age. If a participant contributes to more than one 457 plan in a given year, the amounts deferred under such plans are aggregated in applying the maximums stated above.

#### 401(k) Plan

The maximum amount which may be deferred, for both pre-tax and Roth contributions, by a participant in the 401(k) Plan in a calendar year may not exceed the lesser of (a) \$19,000 (\$19,500 in 2020) or (b) 75% of an active participant's "includible compensation" (as defined by the Code). If you choose to contribute to both the 457 and the 401(k), your combined deferral election cannot exceed 75%. Participants age 50 and over can defer an additional \$6,000, (\$6,500 in 2020) irrespective of prior contributions. If a participant contributes to two 401(k) plans or a 401(k) and 403(b) plan, the amounts deferred under all such plans are aggregated by applying the maximums stated above. Participants contributing to both the 457 Plan and the 401(k) Plan do not have to aggregate and are permitted to contribute the maximum to each plan.

#### 401(a) Plan

The amount of the employer contribution to the 401(a) Plan is not subject to the maximums stated above and is determined by labor agreements and subject to an agreed-upon annual employee contribution to the 457 Plan.

#### **Assets Held in the Custodial Account**

The following list consists of the various types of assets held in the custodial account for the exclusive benefit of the participants and their beneficiaries of the 457 Plan, 401(k) Plan and the 401(a) Plan: (1) all amounts deferred under the Plans, (2) all property and rights purchased with such amounts, and (3) all income attributable to such amounts or rights.

#### **Beneficiaries**

Each participant must file with the Plan Administrator a separate designation for the 457 Plan and 401(k) Plan of one or more beneficiaries entitled to receive the amount, if any, payable under the Plans upon the participant's death. The filed beneficiary designation for the 457 Plan will be effective for the 401(a) Plan. A participant may revoke or change his or her beneficiary designation without the consent of any prior beneficiary by completing a change form with the Plan Administrator or through the Plans' Web site, nyc.gov/deferredcomp, using his or her PIN. The last such designation on file with the Plan Administrator will be controlling. No designation, change, or revocation of a beneficiary designation will be effective unless received by the Plan Administrator prior to the participant's death, and in no event will it be effective as of a date prior to such filing.

If no beneficiary designation is in effect at the time of a participant's death, or if no primary or contingent beneficiary survives the participant, payment will be made to the participant's surviving spouse or, if the participant had no surviving spouse, to the participant's estate.

#### **Amendment of Participation Agreements**

The Participation Agreement is legally binding and irrevocable with respect to all amounts deferred while it is in effect. However, a participant may make certain changes to the Participation Agreement which are allowed under the Plans. By using a personal identification number to access his or her account through the telephone voice response system or through the Plans' Web site, a participant may, as often as he or she wishes, suspend deferrals or may increase or decrease, in multiples of 0.5%, the percentage of wages to be deferred. In addition, a participant may, either through the telephone voice response system or through the Plans' Web site, change the investment direction of future deferrals and initiate account transfers between investment options.

#### **Recommencement of Participation**

An employee who has severed from New York City service may rejoin the 457 Plan, the 401(k) Plan, or both, and become an active participant after returning to New York City service by following the procedures set forth above. Eligibility to rejoin the 401(a) Plan is determined by labor agreements.

Any person who was a City employee after 1985 has the opportunity to join the 401(k) Plan irrespective of whether they are currently employed by the City. Employees that are no longer actively employed by the City may join the 401(k) Plan, however, only rollovers or transfers can be used to fund the account.

#### **Maintenance of Accounts**

For both the 457 Plan and the 401(k) Plan, the recordkeeper establishes an account for each participant to which any amounts deferred, transferred or distributed under the Plans are credited or charged, including any increase or decrease in the value of the investment options specified in the Participation Agreement or any amendment thereto. The Plan maintains an Excessive Trading Policy for all of the Plan's investment options. The policy states that if monies are not held in any of the fund options for a period of thirty-two (32) calendar days, the participant will be assessed a 2% redemption fee. The minimum fee that will be assessed will be \$20 based on a \$1,000 trade. An employee participating in both the 457 Plan and 401(k) Plan who wishes to make any changes must do so independently for each plan.

The recordkeeper also establishes a 401(a) Plan account for eligible participants to which any amounts contributed, transferred or distributed are credited or charged, including any increase or decrease in the value of the investment options specified.

All investment options offered under the Plans are offered by persons, companies or entities authorized to do business in the State of New York and are duly licensed, if applicable, by the appropriate federal agencies regulating such investments. The Board and the Plan Administrator are not responsible for any decrease in the value of a participant's account resulting from capital or market changes or any other changes occurring in the investment options of the participant's account. A participant or beneficiary is considered to have exercised independent control over the assets in his or her account and the consequences are within a participant's or beneficiary's exercise of control.

#### **Crediting of Accounts**

Each participant's account is credited with amounts authorized for deferral or completed incoming transfers within four business days of receipt in good order by the Plans' custodian. Funds are invested in accordance with participants' directions with one or more financial organizations appointed by the Board, to be held, managed, invested and reinvested in accordance with the applicable agreement entered into by the Plan with each such financial organization.

#### **Account Reporting**

A statement of the total amount invested in a participant's account is made available to each participant not more than forty-five days after the end of each calendar quarter. If employees participate in the 457 Plan, 401(k) Plan, NYCE IRA, and the 401(a) Plan, they will receive only one statement but each plan will be separately accounted. Participants may also access their balance information through the Plans' telephone voice response system and the Plans' Web site. All participant statements are based on the net fair value or book value, as applicable, of the investment options as of the effective date of the statement to the extent such values are available to the Plan Administrator.

#### **Fees**

All participants are assessed a single quarterly administrative fee of \$20.00 for participation in the 457 Plan, the 401(k) Plan, 401(a) and the NYCE IRA. The administrative fee covers the cost of administering the Plans, safeguarding assets, and providing appropriate information and services including the supplying of quarterly statements. Furthermore, to offset Plan expenses an amount is deducted from the net asset values of each of the investment options. Currently, the amount deducted from the net asset values of each of the investment options is .04%. In addition, each investment manager charges an investment management fee that is deducted directly from each investment option's daily value.

#### **Incoming Rollover or Transfers**

Participants in the Deferred Compensation Plan are eligible to roll over their pre-tax and Roth assets from other eligible retirement plans into either the 401(k) Plan or the 457 Plan. The 401(k) Plan accepts rollovers from all eligible retirement plans (as defined by the Code), including 401(a), 457, 401(k), 403(b) and rollover IRAs. The 457 Plan accepts transfers from other 457 plans only. The Roth 457 accepts transfers from other Roth 457 plans only and the Roth 401(k) only accepts rollovers from other Roth 401(k) plans. Participants in either the 457 Plan or 401(k) Plan are eligible, while in City service, to perform an in-plan transfer/rollover of assets from their pre-tax account to their Roth account, subject to applicable income taxes. The 401(a) Plan does not accept incoming rollovers or transfers. The Deferred Compensation Plan has also established the Special 401(k) Rollover Account exclusively for the acceptance of the federally tax-deferred portion of a participant's City pension and annuity funds.

#### In-Service Withdrawals

#### **Emergency Withdrawals**

A 457 Plan participant who experiences an unforeseeable emergency (as defined by the Code) may submit an application to be presented to the Board for a determination of whether the guidelines for an emergency withdrawal under §457 of the Code have been met. Any determination by the Board of what constitutes an unforeseeable emergency, or the amount needed to satisfy the emergency, is final. Upon Board approval, the Plan's recordkeeper will disburse the amount authorized by the Board to the participant. Distributions are subject to applicable taxes.

A 401(k) Plan participant who experiences an immediate and heavy financial need (as defined by the Code) may submit an application to be presented to the Board for a determination of whether the guidelines for a withdrawal under §401 of the Code have been met. Any determination by the Board of what constitutes an immediate and heavy financial need, or the amount needed to satisfy the need, is final. Upon Board approval, the Plan's recordkeeper will disburse the amount authorized by the Board to the participant. Distributions are subject to applicable taxes and may be subject to early withdrawal penalties.

#### Withdrawals from the 457 Plan

Pre-tax and Roth 457 Plan participants age 70½ and older are eligible to take distributions, without penalty, from their 457 account while still working for the City. Effective, January 1, 2020, Pre-tax and Roth 457 Plan participants age 59½ and older are eligible to take distributions, without penalty, from their 457 account while still working for the City. Eligible in-service distributions from Roth 457 Plan are income-tax free provided that it has been at least five taxable years since the initial contribution.

#### Withdrawals from the 401(k) Plan

Pre-tax 401(k) Plan participants age 59½ and older are eligible to take distributions, without penalty, from their 401(k) account while still working for the City. Roth 401(k) Plan participants age 59½ and older are eligible to take income-tax free distributions, without penalty, from their Roth 401(k) account while still working for the City if it has been at least five taxable years since the initial contribution.

#### Withdrawals after age 62 from the 401(a) Plan

401(a) Plan participants age 62 and older are eligible to take distributions, without penalty, from their 401(a) account while still working for the City. Effective January 1, 2020, 401(a) Plan participants age 59½ and older are eligible to take distributions, without penalty, from their 401(a) account while still working for the City

#### **In-Plan Rollovers**

Plan participants of both the 457 Plan and the 401(k) may choose to transfer money from their Pre-tax account to their Roth account, while still employed by the City.

457 Plan participants can transfer money from their Pre-tax 457 account to their Roth 457 account and 401(k) Plan participants can transfer money from their Pre-tax 401(k) account to their Roth 401(k) account. All transfers are subject to income taxes which will be reported on Form 1099-R in the year when transferred.

#### Direct Transfer for the Purpose of Purchasing Permissive Service Credit

Plan participants are eligible to use their pre-tax 457 account and pre-tax 401(k) account assets as sources of funding for the purchase of permissive service credits (as defined by the Code) in any defined benefit plan or pension system, via a direct transfer.

#### **457 Plan Small Account Withdrawals**

A participant may be entitled to a full withdrawal of his or her account prior to severance from service if the account balance does not exceed \$5,000, there have been no contributions or loans during the two-year period ending on the date of distribution, and there has been no prior small account withdrawal. Upon receipt of a small account withdrawal, the participant's account is closed. The Participant may rejoin the Plan at any time.

#### Loans

A participant in active payroll status is eligible to receive a loan from the pre-tax portion of the 457 Plan and the pre-tax portion of the 401(k) Plan. The minimum amount is \$2,500. The maximum amount of an approved loan shall not exceed the lesser of: (i) 50% of the participant's 457 or 401(k) Plan account balance; or (ii) \$50,000 less the combined highest balance of all outstanding loans a participant may have from a pension, a 403(b) and other Deferred Compensation Plans for the preceding 1-year period. Participants will be permitted to receive one loan in any 12-month period and may have no more than two loans outstanding at any time from each Plan. An origination fee in the amount of \$50.00 shall be deducted from the loan amount approved and a quarterly maintenance fee of \$8.75 shall be deducted from the participant's account for the term of each loan.

Loans are not permitted from the 401(a) Plan and the Roth portions of either the 457 Plan or the 401(k) Plan. Other than these allowable in-service withdrawals, participants may not withdraw from their accounts until they sever from New York City service.

#### **Distribution of Benefits**

Upon a participant's severance from New York City service, or if a 457 Plan participant is age 70½ or older (59½ as of January 1, 2020), or if a 401(k) Plan participant is age 59½ or older, or if a 401(a) Plan participant is age 62 or older (59½ as of January 1, 2020), the participant is entitled to receive an amount equal to the value of his or her account, to be paid, subject to applicable taxes, in accordance with one of the methods described below. If the distribution is from a Roth 457 or 401(k) account and made (1) after a period of five consecutive taxable years that begins with the first day in which the participant makes a Roth contribution and ends when five consecutive taxable years have been completed; and (2) on or after the date the participant attains age 59½, the Qualified Distribution will not be subject to federal, state or local income taxes upon distribution. Participants can choose to remain in the Plans and are not required to withdraw, roll over or transfer their account upon severance from New York City service.

#### **Commencement Date**

Subject to Required Minimum Distributions, a participant may elect any commencement date as long as such date is no earlier than the forty-fifth day after severance from New York City service. A participant has the option to cancel or change his or her distribution schedule at any time upon proper notice to the Plan Administrator. Upon reaching the later of the following: (1) April 1st of the calendar year following the calendar year he or she reaches age  $70\frac{1}{2}$ , or (2) the calendar year in which he or she severs from New York City service, 457 and 401(k) Plan participants (both pre-tax and Roth) are required to start receiving withdrawals from their account (Required Minimum Distributions). Effective January 1, 2020, the age for the beginning date for Required Minimum Distributions increased from  $70\frac{1}{2}$  to 72 with respect to individuals who attain age  $70\frac{1}{2}$  after such date.

#### **Method of Distribution for Direct Payment**

If a participant chooses to take direct payments, the following methods of distribution are available under the Plans: Full withdrawal; or

- 1. A specified Amount Certain of a participant's account (Minimum request of \$1,000); or
- 2. Substantially equivalent monthly, quarterly, semi-annual or annual payments; or
- 3. A specified Amount Certain of a participant's account, with the remaining balance paid in substantially equivalent monthly, quarterly, semi-annual or annual payments.

Participants may request up to five non-periodic Amount Certain withdrawals per calendar year. Additional requests may be subject to a nominal processing fee.

#### **Rollovers or Transfers Out of the Plans**

If a participant chooses to transfer or roll over his or her Deferred Compensation account, or a portion thereof, it must be to an eligible retirement plan, (457, 401(k), 403(b), 401(a), or rollover IRA). 457 Plan participants are permitted to roll over or transfer upon severance from City service or upon reaching age 70½ (59½ as of January 1, 2020). 401(k) Plan participants are eligible to roll over upon severance from City service or upon reaching age 59½. 401(a) Plan participants are eligible to roll over upon severance from City service or upon reaching age 62 (59½ as of January 1, 2020). Participants looking to consolidate assets are eligible to roll over their Deferred Compensation account to the New York City Employee IRA (NYCE IRA). The NYCE IRA is available as both a traditional IRA and a Roth IRA. A spousal NYCE IRA is also available (see Plan Summary Section for the NYCE IRA).

#### **Election of Length of Distribution**

If a participant elects installment payments, he or she may specify either: (1) the total number of payments, or (2) the dollar amount of each payment. In either case, distributions cannot be paid over a period of time which exceeds the life expectancy of the participant or, in certain circumstances, the joint life expectancy of the participant and a "designated beneficiary" (as defined by the Code). Payments will be recalculated annually and will be paid only until the account is exhausted.

#### **Distribution Elections by Beneficiaries**

Subject to Required Minimum Distributions, beneficiaries are eligible to select how to receive distributions from the decedent's account by the submission of a Beneficiary Distribution Form. Distributions to a "designated beneficiary" must be made over a period that does not exceed the life expectancy of the beneficiary, while all other beneficiaries must complete distribution by the fifth anniversary of the participant's death. Only spousal beneficiaries are eligible to roll over assets to their own eligible retirement plan or IRA. A non-spousal beneficiary is eligible to make a direct trustee-to-trustee transfer of an eligible rollover distribution from the Plan to an IRA established solely for the purpose of receiving the death benefit distribution. For a participant who has begun receiving distributions from his or her account, any amount not distributed to the participant during his or her life will be distributed after the death of the participant at least as rapidly as under the method of distribution being used by the participant.

If a participant died before his or her required beginning date, distribution to a spousal beneficiary must begin on or before December 31st of the year in which such participant would have attained age  $70\frac{1}{2}$  (72, as of January 1, 2020). All other beneficiaries must begin no later than December 31st of the calendar year following the calendar year in which the participant died. If a participant died after his or her required beginning date, distributions to all beneficiaries must begin no later than December 31st of the calendar year following the calendar year in which the participant died.

## Plan Summary Section for the NYCE IRA



The City of New York Deferred Compensation Board (the "Board") was established by Executive Order No. 81 dated April 16, 1985 and Executive Order No. 85, dated November 13, 1985 of the Office of the Mayor. Executive Orders Nos. 81 and 85 were replaced by Executive Order No. 158, dated October 19, 2011. The Board is comprised of the Mayor of The City of New York, the Comptroller of The City of New York, the Commissioner of the Office of Labor Relations, the Director of the Office of Management & Budget, the Commissioner of Finance, the Commissioner of Citywide Administrative Services, the Police Commissioner, the Fire Commissioner, and representatives from the Uniformed Firefighters Association and District Council 37, AFSCME, both designated by the Municipal Labor Committee. The Corporation Counsel is counsel to the Board and the Plan. In November 2006, the Board implemented a deemed IRA program, the New York City Employee Individual Retirement Account ("NYCE IRA") which is governed by §408 and §408(A) of the Internal Revenue Code of 1986, as amended (the "Code"). The provisions establishing the NYCE IRA are incorporated into the 401(k) Plan for Employees of The City of New York and Related Agencies and Instrumentalities (the "401(k) Plan") in accordance with §408(q) of the Code. The Mayor's Office of Labor Relations (the "NYCE IRA Administrator") administers the NYCE IRA. The NYCE IRA will, at all times, comply with the Code and corresponding federal and state regulations and all other applicable laws.

There are two forms of IRAs: a traditional IRA and a Roth IRA. The current and former employees of the following agencies and instrumentalities are eligible to establish a NYCE IRA: The City of New York, the Department of Education, NYC Health + Hospitals, the community colleges of the City University of New York, the New York City Housing Authority, the New York City School Construction Authority and the New York City Municipal Water Finance Authority.

#### Establishing a NYCE IRA

A current or former eligible employee establishes a NYCE IRA account after the date he or she acknowledges the NYCE IRA Disclosure Statement and Fee Schedule (the "Disclosure Statement"), via the NYCE IRA Web site or the NYCE IRA Application. Establishing a NYCE IRA also requires specifying the investment option(s) selected by the account owner, including the percentages to be allocated to the selected option(s), in increments of 1%. In addition, the new NYCE IRA account owner must designate at least one individual or entity as beneficiary of his or her NYCE IRA account. A spouse of an eligible current or former employee of The City of New York may establish a Spousal NYCE IRA account. A spouse can open a Spousal NYCE IRA by completing a New York City Employee IRA Application and submitting it to the NYCE IRA Administrative Office.

#### Funding a NYCE IRA

#### **Contributions**

The contribution limit to the NYCE IRA for 2019 is the lesser of \$6,000 (\$6,000 for 2020) or total annual taxable compensation. NYCE IRA account owners age 50 and over can contribute a maximum to the NYCE IRA of the lesser of \$7,000 or total taxable compensation for year 2019 (\$7,000 for 2020). The same contribution limits apply for the Spousal NYCE IRA. The maximum contribution limit applies to the total contributions made to all IRAs (traditional and Roth) for the year. Contributions to the NYCE IRA may be made anytime during the year or by the deadline for filing a federal income tax return, without including extensions. Contributions to the NYCE IRA must be received by the Plan's custodian prior to the tax-filing deadline. Contributions to a traditional IRA are generally deductible on a federal income tax return and can be made until the account owner is age 70½. Effective January 1, 2020, the maximum age to make a contribution to a traditional IRA is eliminated. Whether contributions into the NYCE IRA will be deductible or non-deductible depends on the account owner's (or, if married, the account owner's and the spouse's) Modified Adjusted Gross Income and whether or not the account owner or spouse is covered by another retirement plan at work. Unlike a traditional IRA, Roth IRA contributions are not deductible and can continue to be made after age 70½. Eligibility to make contributions to the Roth NYCE IRA depends on the account owner's (or, if married, account owner's and spouse's) Modified Adjusted Gross Income. Contributions can be made by personal check or money order.

#### **Rollovers**

A rollover is a tax-free distribution from a previous retirement plan or IRA that is transferred to another retirement plan or IRA. A rollover does not count toward the annual maximum IRA contribution limit and is not a tax deductible contribution.

The Traditional NYCE IRA will accept rollovers from a previous employer's retirement plan and the City's pre-tax 457 Plan or pre-tax 401(k) Plan and 403(b) after severance from City service or attainment of age 59½ (401(k) or 403(b)). The Roth NYCE IRA will accept rollovers from the City's Roth 457 Plan and Roth 401(k) Plan. The Roth NYCE IRA will accept after-tax rollovers from the City's pensions systems. Both the Traditional and Roth NYCE IRA accept IRA rollovers from other financial institutions.

The only distributions from a retirement plan or IRA that are not eligible for rollover to the NYCE IRA are the following: Periodic Payments from a pension, annuity or retirement plan (401(k), 457, 403(b) or IRA) that are made at least once a year and that will last for (a) your life expectancy, (b) your life expectancy and your beneficiary's life expectancy, or (c) a specified period of ten years or more, Required Minimum Distributions, and Hardship Withdrawals.

#### **Conversions**

A conversion is a rollover from a traditional IRA to a Roth IRA, where the amount rolled over is subject to applicable income taxes. A conversion does not count towards the annual maximum IRA contribution limit.

Assets in the City's Pre-tax 457 Plan and the Pre-tax 401(k) Plan can be directly rolled over to the Roth NYCE IRA upon the participant's eligibility for distribution. The amount rolled over is subject to applicable income taxes.

#### **Assets Held in the Custodial Account**

The following list consists of the various types of assets held in the custodial account for the exclusive benefit of NYCE IRA account owners and their beneficiaries: (1) all amounts contributed and rolled over into a NYCE IRA account, (2) all property and rights purchased with such amounts, and (3) all income attributable to such amounts, property or rights.

#### **Beneficiaries**

Each NYCE IRA account owner must file with the NYCE IRA Administrator, a beneficiary designation indicating one or more beneficiaries entitled to receive the amount, if any, payable under the NYCE IRA upon the account owner's death. A separate beneficiary designation must be made for Traditional and Roth NYCE IRA accounts. An account owner may revoke or change his or her beneficiary designation without the consent of any prior beneficiary by completing a personal information change request form with the NYCE IRA Administrator. The last such designation on file with the NYCE IRA Administrator will be controlling. No designation, change, or revocation of a beneficiary designation will be effective unless received by the NYCE IRA Administrator prior to the account owner's death, and in no event will it be effective as of a date prior to such filing. If no primary or contingent beneficiary survives the account owner, payment will be made to the account owner's surviving spouse or, if the account owner had no surviving spouse, to the account owner's estate.

#### Disclosure Statement

The Disclosure Statement is legally binding and irrevocable with respect to all amounts contributed or rolled over into a NYCE IRA account while it is in effect.

#### Maintenance of NYCE IRA Accounts

The recordkeeper establishes a NYCE IRA account for each account owner to which any amounts contributed, rolled over or distributed under the NYCE IRA are credited or charged, including any increase or decrease in the value of the investment options. A separate account is established for a Traditional NYCE IRA account and a Roth NYCE IRA account.

A NYCE IRA account owner may make certain changes to his or her account by using a personal identification number to access his or her account through the telephone voice response system or through the Plan's Website. A NYCE IRA account owner may, as often as he or she wishes, change the investment direction of future contributions and rollovers and initiate account transfers between investment options in multiples of 1%. The NYCE IRA Administrator maintains an Excessive Trading Policy for all of the program's investment options. The policy states that if monies are not held in any of the fund options for a period of thirty-two (32) calendar days, the account owner will be assessed a 2% redemption fee. The minimum fee that will be assessed will be \$20 based on a \$1,000 trade. A NYCE IRA owner participating in both a Traditional and Roth NYCE IRA who wishes to make any changes must do so independently for each account.

All investment options offered under the NYCE IRA are offered by persons, companies or entities authorized to do business in the State of New York and are duly licensed, if applicable, by the appropriate federal agencies regulating such investments. The Board and the NYCE IRA Administrator are not responsible for any decrease in the value of a NYCE IRA account resulting from capital or market changes or any other changes occurring in the investment options of the owner's NYCE IRA account. In accordance with the Disclosure Statement, an account owner or beneficiary is considered to have exercised independent control over the assets in his or her account and the consequences are within an account owner's or beneficiary's exercise of control.

#### **Crediting of Accounts**

Each NYCE IRA account is credited with amounts authorized for contributions or completed incoming rollovers within four business days of receipt in good order by the NYCE IRA's custodian. Funds are invested in accordance with the account owners' directions with one or more financial organizations appointed by the Board, to be held, managed, invested and reinvested in accordance with the applicable agreement entered into by the Plan with each financial organization.

#### NYCE IRA Account Reporting

A statement of the total amount invested in a NYCE IRA account is made available to each account owner not more than forty-five days after the end of each calendar quarter. If the NYCE IRA account owner has either or both a Traditional IRA account and Roth IRA account and/or participates in either or both the 457 Plan and 401(k) Plan, they will receive only one statement, but each program will be separately accounted. NYCE IRA account owners may also access their balance information through the telephone voice response system or Plan's Web site. All statements to a NYCE IRA account owner are based on the net fair market value or book value, as applicable, of the investment options as of the effective date of the statement, to the extent such values are available to the NYCE IRA Administrator.

#### Fees

All participants are assessed a single quarterly administrative fee of \$20.00 for participation in the 457 Plan, the 401(k) Plan, the 401(a) Plan and the NYCE IRA. The administrative fee covers the cost of administering the NYCE IRA, safe-guarding assets, and providing appropriate information and services including the supplying of quarterly statements. Furthermore, to offset NYCE IRA expenses, an amount is deducted from the net asset values of each of the investment options. Currently, the amount deducted from the net asset values of each of the investment options is .04%. In addition, each investment manager charges an investment management fee that is deducted directly from each investment option's daily value.

#### Withdrawal of NYCE IRA Assets

NYCE IRA account owners can withdraw assets from their account at any time. Subject to certain exceptions, the withdrawal of assets from an IRA prior to age 59½ is subject to a 10% early withdrawal penalty.

Assets in a Traditional NYCE IRA account are tax-deferred until the account owner takes a withdrawal. Upon withdrawal, the account owner is responsible for federal income tax and applicable state and local taxes on the taxable amount of the withdrawal. Distributions from a Traditional NYCE IRA may be fully or partially taxable, depending on whether the Traditional NYCE IRA account includes any non-deductible contributions.

A Qualified Distribution from the Roth NYCE IRA is income-tax free. A Qualified Distribution is any payment or distribution from a Roth NYCE IRA account that meets the following requirements:

It is made after the 5-year period beginning with the first taxable year for which an account was established, AND the payment or distribution is:

- 1. made on or after the date the account owner reaches age 59½, or
- 2. made because the account owner is disabled, or
- 3. made to a beneficiary or to the account owner's estate after his or her death.

If the Roth NYCE IRA account owner receives a distribution from his or her account that is not a Qualified Distribution, the earnings portion of it may be subject to applicable federal, state and local taxes along with an early withdrawal penalty. A Traditional NYCE IRA account owner must start receiving withdrawals from his or her account by April 1st of the year

following the year in which the account owner reaches age 70% (Required Minimum Distributions). Effective January 1, 2020, the age for the beginning date for Required Minimum Distributions increased from 70% to 72 with respect to individuals who attain age 70% after such date.

Roth NYCE IRA accounts are not subject to Required Minimum Distributions and account owners can leave amounts in their Roth NYCE IRA as long as they live. Upon the death of a NYCE IRA account owner, the assets in his or her Roth NYCE IRA will be paid to his or her designated beneficiaries.

#### **Method of Withdrawal for Direct Payment**

If a NYCE IRA account owner chooses to take direct payments, the following methods of distribution are available under the Plans:

Full withdrawal: or

- 1. A specified Amount Certain of a NYCE IRA account; or
- 2. Substantially equivalent monthly, quarterly, semi-annual or annual payments; or
- 3. A specified Amount Certain of a NYCE IRA account, with the remaining balance paid in substantially equivalent monthly, quarterly, semi-annual or annual payments.

#### **Rollovers Out of the NYCE IRA**

If a NYCE IRA account owner chooses to roll over his or her NYCE IRA account, or a portion thereof, it must be to an eligible retirement plan (457, 401(k), 403(b), 401(a), or rollover IRA).

#### **Election of Length of Withdrawal**

If a NYCE IRA owner elects payments, he or she may specify either: (1) the total number of payments, or (2) the dollar amount of each payment. In either case, distributions cannot be paid over a period of time which exceeds the life expectancy of the account owner or, in certain circumstances, the joint life expectancy of the account owner and a "designated beneficiary" (as defined by the Code). Payments will be recalculated annually and will be paid until the account is exhausted.

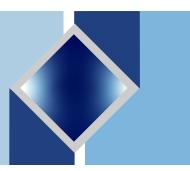
#### **Distribution Elections by Beneficiaries**

Beneficiaries of NYCE IRA accounts may select how to receive distributions from the decedent's account by the submission of a NYCE IRA Beneficiary Withdrawal Form.

Spousal beneficiaries have the option of establishing an inherited NYCE IRA beneficiary account from assets they inherit from their deceased spouses. With an inherited NYCE IRA account, the amount of the Required Minimum Distributions will be based on age and will be recalculated each year. Surviving spouses older than age 70½ must begin taking Required Minimum Distributions by December 31st of the year following the spouse's death. Spouses younger than age 70½, can delay Required Minimum Distributions until the deceased account owner would have turned age 70½. Effective January 1, 2020, the age for the beginning date for Required Minimum Distributions increased from 70½ to 72 with respect to individuals who attain age 70½ after such date. Surviving spouses also have the option to roll over their inherited NYCE IRA proceeds into their own new or existing IRA and treat the assets as if they were their own. Spouses can also consolidate their inherited NYCE IRA proceeds into their existing Spousal NYCE IRA account.

Non-spousal beneficiaries of a NYCE IRA account will control both how the inherited assets are invested and to whom they pass upon death. Required Minimum Distributions will also generally be based on their own life expectancy and distribution must begin by December 31st of the year following the deceased participant's death.

#### Introduction to the Financial Section

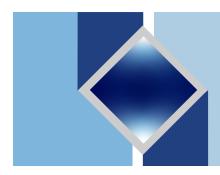


The management of The City of New York Deferred Compensation Plan is responsible for establishing and maintaining procedures to administer and oversee Plan operations. An internal control structure is designed to provide reasonable assurance that the assets of the system are safeguarded against loss, theft, or misuse, and that adequate accounting data are compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles.

Furthermore, the concept of reasonable assurance recognizes that:

- 1. the cost of a control should not exceed the benefits likely to be derived from it; and
- 2. the valuation of cost and benefits requires estimates and judgment by management.

To be in accordance with these principles, an audit should be viewed as independent and impartial, by knowledgeable third parties. An audit includes examining, on a test basis, evidence supporting transactions recorded in the accounting and operations records, including assessing the estimates, judgments and decisions made by management.



## Independent Auditors' Report



CliftonLarsonAllen LLP CLAconnect.com

Members of the Board and Participants of the Deferred Compensation Plan for Employees of the City of New York and Related Agencies and Instrumentalities New York City, New York

#### Report on the Financial Statements

We have audited the accompanying statements of fiduciary net position and statements of changes in fiduciary net position of the Deferred Compensation Plan for Employees of the City of New York and Related Agencies and Instrumentalities (the "457 Plan," the "401(k) Plan," the New York City Employee Individual Retirement Account "NYCE IRA," and the "401(a) Plan," or, collectively, the "Plans") as of and for the years ended December 31, 2019 and 2018, and the related notes to the financial statements, which collectively comprise the Plans' basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

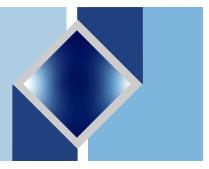
#### Auditors' Responsibility

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 and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.



## Independent Auditors' Report



We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Plans as of December 31, 2019 and 2018, and the respective changes in fiduciary net position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

#### **Other Matters**

#### **Required Supplementary Information**

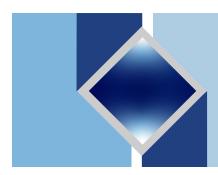
Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 25-29 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### **Other Information**

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Plans' basic financial statements. The introductory section, combining schedules of Plan net position as of December 31, 2019 and 2018, schedules of cash receipts and disbursements, administrative expenses and recordkeeping/loan fees, and investment management fees, investment options and statistical sections, and summary of administrative revenues and expenses as listed in the table of contents, are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The combining schedules of Plan net position as of December 31, 2019 and 2018, the schedules of cash receipts and disbursements, administrative expenses and recordkeeping/loan fees, and investment management fees are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory, investment options, and statistical sections, and the summary of administrative revenues and expenses have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.



# Independent Auditors' Report

#### Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated June 12, 2020, on our consideration of the Plans' internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Plans' internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering Plans' internal control over financial reporting and compliance.

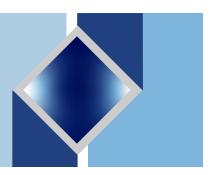
CliftonLarsonAllen LLP

Clifton Larson Allen LLP

Baltimore, Maryland June 12, 2020

# Management Discussion and Analysis

For Years Ended December 31, 2019 and 2018



#### **Using These Financial Statements**

This discussion and analysis of the Deferred Compensation Plan for Employees of The City of New York and Related Agencies and Instrumentalities (the 457, the 401(k), the 401(a) Plans, and the NYCE IRA employee benefit plans collectively, the "Plans") financial performance provides an overview of the Plans' financial activities as of and for the years ended December 31, 2019 and 2018. Please read it in conjunction with the Plans' financial statements beginning on page 30.

The financial statements consist of two basic financial statements and the notes to the financial statements. The statements of plan fiduciary net position and the statements of changes in plan fiduciary net position (pages 30 and 31) provide information about each of the Plans. These statements are prepared using the accrual basis of accounting. All of the current year's revenues and expenses are recorded when earned or incurred regardless of when cash is received or paid.

#### 457 Plan, 401(k) Plan, NYCE IRA and 401(a) Plan History

#### 457 Plan

The 457 Plan was established in 1986 to provide employees of the City of New York and Related Agencies and Instrumentalities the ability to defer a portion of current earnings on a pre-tax basis. In 2011, as a result of the passage of the Small Business Jobs and Credit Act of 2010, the 457 Plan began accepting Roth (after-tax) contributions. The 457 Plan had 150,675; 146,660; and 141,179 participants as of December 31, 2019, 2018 and 2017, respectively. This represents an increase of 9,496 participants since 2017.

#### 401(k) Plan

The 401(k) Plan was established in 2002 and, as a result, employees have another savings option for deferrals. The 401(k) Plan had 58,103; 54,288; and 50,080 participants as of December 31, 2019, 2018 and 2017, respectively. This represents an increase of 8,023 participants since 2017.

#### **NYCE IRA**

The New York City Employee Individual Retirement Account (NYCE IRA) was established in 2006 to offer City employees and their spouses, as well as City retirees and their spouses, an additional retirement savings vehicle which they can use to make contributions, consolidate their retirement assets through rollovers and deposit their income tax refunds. The NYCE IRA had 5,116; 4,883; and 4,558 account holders as of December 31, 2019, 2018 and 2017, respectively. This represents an increase of 558 account holders since 2017.

#### 401(a) Plan

The 401(a) Plan began accepting employer contributions in 2007 from The City of New York for eligible members of the Lieutenants Benevolent Association ("LBA"). In addition to the members of the LBA, in 2011, The City of New York employees who were members of the Captains Endowment Association ("CEA") had employer contributions made on their behalf to the 401(a) Plan. The 401(a) Plan had 3,011; 3,028; and 3,060 participants as of December 31, 2019, 2018 and 2017, respectively.

#### **Self-Directed Brokerage Account**

The Plans offer the option for 457 Plan and 401(k) Plan participants to invest in a Self-Directed Brokerage (SDB) account, opening up the opportunity for participants to invest in over 11,000 mutual funds outside of the Plans' core investment options, including a broad range of no transaction fee (NTF) funds. Starting in 2017, 457 Plan and 401(k) Plan participants were able to invest in exchange-traded funds (ETFs). The maximum percentage of an account balance that can be transferred within the 457 or 401(k) plans into the SDB option is 20% and participants are required to have a minimum of \$5,000 in either their 457 or 401(k) to be eligible to enroll in this option. As of December 31, 2019 and 2018, the SDB option had over \$41 and \$32 million in assets, respectively.



# Management Discussion and Analysis (MD&A) (cont'd)

For Years Ended December 31, 2019 and 2018

#### 457 Plan

Plan Assets, Deferrals, Additions and Deductions

The Plan Fiduciary Net Position exceeded \$19 billion as of December 31, 2019. The Plan had appreciation in fair value of \$3.3 billion in 2019. This compares to a loss of \$.6 billion in 2018. At December 31, 2019 the Plan had 150,675 participants. That's an additional 9,496 participants since December 31, 2017.

December 31 (in thousands) Statements of Plan Fiduciary Net Position	2019	2018	2017
Total assets	\$ 19,731,861	\$ 16,405,958	\$ 17,038,664
Total liabilities	\$ 6,445	\$ 4,614	\$ 6,217
Plan Fiduciary Net Position	\$ 19,725,416	\$ 16,401,344	\$ 17,032,447
Additions (Deductions)			
Employee contributions	\$ 737,934	\$ 710,703	\$ 697,028
Appreciation (Depreciation) in fair value	3,325,295	(672,441)	2,146,188
Investment management fees	(28,462)	(28,298)	(28,105)
Custodial fees	(1,174)	(1,129)	(1,187)
Total Plan additions, net of investment management and custodial fees	\$ 4,033,593	\$ 8,835	\$ 2,813,924
Deductions			
Distributions to participants	\$ 694,220	\$ 625,702	\$ 573,108
Recordkeeping/Loan fees	6,731	6,473	6,104
Administrative expenses	8,570	7,763	6,605
Total Plan deductions	\$ 709,521	\$ 639,938	\$ 585,817
Increase (Decrease) in Plan Fiduciary Net Position	\$ 3,324,072	\$ (631,103)	\$ 2,228,107
December 31 (in thousands) Statements of Plan Fiduciary Net Position	2019	2018	2017

#### 401(k) Plan

Plan Assets, Deferrals, Additions and Deductions

The Plan Fiduciary Net Position exceeded \$3 billion at December 31, 2019. Appreciation in fair value was \$556 million in 2019. This compares to depreciation in fair value of \$123 million in 2018. The number of participants increased from 50,080 participants at December 31, 2017 to 58,103 at December 31, 2019.

Position	\$ 3,324,072	\$	(631,103)	\$	2,228,107
December 31 (in thousands) Statements of Plan Fiduciary Net Position	2019		2018		2017
Total assets	\$ 3,756,539	\$	3,014,258	\$	2,944,286
Total liabilities	\$ -	\$	1,642	\$	-
Plan Fiduciary Net Position	\$ 3,756,539	\$	3,012,616	\$	2,944,286
Additions (Deductions)				_	
Employee contributions and rollovers	\$ 316,746	\$	302,721	\$	283,719
Appreciation(Depreciation) in fair value	556,673		(122,749)		334,792
Investment management fees	(5,503)		(5,203)		(4,983)
Custodial fees	(157)		(203)		(204)
Total Plan additions, net of investment management and custodial fees	\$ 867,759	\$	174,566	\$	613,324
Deductions					
Distributions to participants	\$ 121,529	\$	104,001	\$	89,181
Recordkeeping/Loan fees	810		849		752
Administrative expenses	1,497		1,386		1,021
Total Plan deductions	123,836	Ī	106,236	_	90,954
Increase in Plan Fiduciary Net Position	\$ 743,923	\$	68,330	\$	522,370

# Management Discussion and Analysis (MD&A) (cont'd)

For Years Ended December 31, 2019 and 2018



#### **NYCE IRA**

Plan Assets, Deferrals, Additions and Deductions

The Plan Fiduciary Net Position has increased from \$328 million at December 31, 2017 to \$403 million at December 31, 2019. The number of account holders in the NYCE IRA at December 31, 2019, 2018 and 2017 was 5,116, 4,883, and 4,558, respectively. Employee contributions and rollovers decreased from \$40 million in 2017 to \$37 million in 2019.

December 31 (in thousands) Statements of Plan Fiduciary Net Position	2019	2018	2017
Total assets	\$ 404,037	\$ 339,400	\$ 327,947
Total liabilities	\$ 527	\$ 354	\$ 274
Plan Fiduciary Net Position	\$ 403,510	\$ 339,046	\$ 327,673
Additions (Deductions)			
Employee contributions and rollovers	\$ 37,433	\$ 36,721	\$ 39,883
Appreciation (Depreciation) in fair value	51,147	(8,729)	30,619
Investment management fees	(652)	(646)	(620)
Custodial fees	(18)	(23)	(23)
Total Plan additions, net of investment management and custodial fees	\$ 87,910	\$ 27,323	\$ 69,859
Deductions			
Distributions to participants	\$ 23,232	\$ 15,741	\$ 16,483
Recordkeeping/Loan fees	54	61	53
Administrative expenses	160	148	110
Total Plan deductions	\$ 23,446	\$ 15,950	\$ 16,646
Increase in Plan Fiduciary Net Position	\$ 64,464	\$ 11,373	\$ 53,213

#### 401(a) Plan

Plan Assets, Deferrals, Additions and Deductions

The Plan Fiduciary Net Position has increased from \$24 million since the end of 2017 to \$27.8 million at December 31, 2019. The increase was due to appreciation of \$5.8 million in 2019. The number of participants in the 401(a) Plan remained steady at approximately 3,000 participants at the end of each of the last three years.

Total Plan deductions	\$ 23,446	\$ 15,950	\$ 16,646
Increase in Plan Fiduciary Net Position	\$ 64,464	\$ 11,373	\$ 53,213
December 31 (in thousands)			
Statements of Plan Fiduciary Net Position	2019	2018	2017
Total assets	\$ 27,789	\$ 22,618	\$ 24,216
Total liabilities	\$ 1	\$ 1	\$ -
Plan Fiduciary Net Position	\$ 27,788	\$ 22,617	\$ 24,216
Additions (Deductions)			
Contributions	\$ 23	\$ 23	\$ 23
Appreciation (Depreciation) in fair value	5,762	(1,283)	3,761
Investment management fees	(39)	(39)	(37)
Total Plan additions (deductions) , net of investment management fees	\$ 5,746	\$ (1,299)	\$ 3,747
Deductions			
Distributions to participants	\$ 568	\$ 296	\$ 331
Recordkeeping/Loan fees	7	4	 7
Total Plan deductions	\$ 575	\$ 300	\$ 338
Increase (Decrease) in Plan Fiduciary Net Position	\$ 5,171	\$ (1,599)	\$ 3,409
			·



# Management Discussion and Analysis (MD&A) (cont'd)

For Years Ended December 31, 2019 and 2018

#### Plans' Activities

The combined Plan Fiduciary Net Position at December 31, 2019, 2018 and 2017 exceeded \$23 billion, \$19 billion, and \$20 billion, respectively. The Plans had a combined net investment income of approximately \$4 billion in 2019. This compares to a net investment loss of \$.8 billion in 2018 and net investment income of \$2.4 billion in 2017. All of the Investment Options had positive returns for the year ending December 31, 2019 and most of the Investment Options exceeded their benchmarks. Total deferrals of compensation and participant rollovers exceeded \$1 billion each year for the last three consecutive years.

#### **Fund Performance**

Participants must choose to invest their payroll deductions into one or more of the following funds (except TIPS1):

	20	019	20	18	20	)17
Core Fund Name	Annual Return	Market Benchmark	Annual Return	Market Benchmark	Annual Return	Market Benchmark
Stable Income Fund²	2.4%	3.6%	2.1%	3.5%	1.9%	2.4%
Bond Index Fund	8.7%	8.7%	0.0%	0.0%	3.7%	3.5%
Equity Index Fund	31.7%	31.5%	(4.4)%	(4.4)%	21.8%	21.8%
Global Socially Responsible Index Fund	28.7%	29.2%	(6.7)%	(6.5)%	25.0%	25.4%
Mid-Cap Equity Index Fund	26.1%	26.2%	(11.1)%	(11.1)%	16.2%	16.2%
International Equity Fund	26.0%	21.5%	(15.5)%	(14.2)%	34.8%	27.8%
Small-Cap Equity Fund	29.8%	25.5%	(7.1)%	(11.0)%	18.0%	14.6%

	20	019	20	18	20	17
Pre-Arranged Portfolios	Annual Return	Market Benchmark	Annual Return	Market Benchmark	Annual Return	Market Benchmark
Static Allocation Fund	8.6%	9.4%	(0.4)%	0.4%	6.1%	6.1%
2005 Fund	9.0%	9.6%	(0.7)%	0.1%	7.3%	7.1%
2010 Fund	11.5%	11.9%	(1.8)%	(1.2)%	9.5%	8.9%
2015 Fund	14.0%	14.2%	(2.8)%	(2.3)%	11.9%	11.0%
2020 Fund	17.2%	16.9%	(4.2)%	(3.8)%	15.3%	13.8%
2025 Fund	21.2%	20.5%	(5.7)%	(5.4)%	18.3%	16.6%
2030 Fund	23.6%	22.9%	(6.6)%	(6.2)%	20.3%	18.5%
2035 Fund	25.2%	24.3%	(7.2)%	(6.8)%	21.8%	19.8%
2040 Fund	26.5%	25.6%	(7.7)%	(7.3)%	22.8%	20.7%
2045 Fund	27.0%	26.0%	(8.0)%	(7.5)%	23.6%	21.4%
2050 Fund	28.1%	26.9%	(8.7)%	(8.0)%	24.8%	22.4%
2055 Fund	29.1%	27.8%	(9.2)%	(8.4)%	25.2%	23.0%
TIPS <sup>1</sup>	9.0%	8.4%	(1.6)%	(1.3)%	3.2%	3.0%

<sup>&</sup>lt;sup>1</sup>TIPS are included in some of the Pre-Arranged Portfolios, but are not available as a core investment option.

<sup>&</sup>lt;sup>2</sup>The Stable Income Fund's 2019 performance lagged behind its benchmark by 1.2%, which sharply increased at the end of the year due to the Federal Reserve's interest rate cuts. The abrupt change in interest rates experienced at the end of 2019 stood in contrast to the crediting rate of the Stable Income Fund that gradually adjusts to the overall level of interest rates.

# Management Discussion and Analysis (MD&A) (cont'd)

For Years Ended December 31, 2019 and 2018



#### **Overall Fund Review**

Markets were broadly positive for the 2019 calendar year. Investors shook off concerns of trade-war rhetoric and policies against a backdrop of moderating global economic activity. The Federal Reserve's easing of monetary policy, through interest rate cuts, was also strongly supportive of equity investor sentiment and helped to diminish immediate worries of an impending recession. Domestic equities generated very strong results in the first quarter of the year, effectively recovering all of the losses that were incurred late in the fourth quarter of 2018. Throughout the remainder of the year, equity markets continued to produce positive returns. The strong 2019 US Equity return of 31.5%, as measured by the S&P 500 Index, was the highest annual return the market had generated in the past six years. Growth stocks led the market higher with the Information Technology sector strongly outperforming all other segments of the US economy. Outside of the US, developed and emerging market equity returns were also robust for 2019, but were unable to keep pace with the US market as lingering issues of slowing economic activity within Asia and Europe continued to be a concern. The broad fixed income market saw very strong returns in 2019 due in large part to a decline in interest rates. The 10-year Treasury yield began 2019 at 2.7% and ended the year at 1.9% after briefly touching a low of 1.5% in early September. Fixed income investors signaled concern with the overall strength of the US economy as the yield curve briefly inverted in the late summer of 2019.

All of the investment options for the City of New York Deferred Compensation Plans produced positive returns for the calendar year ending December 31, 2019. For the year, the Equity Index Fund returned 31.7%, the Mid Cap Index Fund returned 26.1%, and the Small Cap Fund returned 29.8%. Similarly, the International Equity Fund returned 26.0% for the year and the Global Socially Responsible Index Fund returned 28.7%. The Bond Index Fund was strongly positive for the year with a return of 8.7%, and the Plan's capital preservation strategy, the Stable Income Fund, returned 2.4% for the year. The Stable Income Fund's 2019 performance lagged behind its benchmark by 1.2%, which sharply increased at the end of the year due to the Federal Reserve's interest rate cuts. The abrupt change in interest rates experienced at the end of 2019 stood in contrast to the crediting rate of the Stable Income Fund that gradually adjusts to the overall level of interest rates.

### Statements of Plan Fiduciary Net Position December 31, 2019 and 2018 (in thousands)

		457	7 P	lan	401(k) I	Plan	NYO	CE IF	RA	401(	a) P	'lan
ASSETS		2019		2018	2019	2018	2019		2018	2019		2018
Investments: (Notes 1, 2 and 3)												
Stable Income Fund	\$	5,102,459	\$	4,863,238 \$	1,159,942 \$	1,032,085	\$ 183,864	\$	166,302	\$ 3,047	\$	2,929
Bond Index Fund		814,319		691,691	238,566	199,505	21,203		15,853	691		659
Equity Index Fund		6,946,246		5,365,076	1,054,007	778,111	100,506		77,241	12,470		9,624
Global Socially Responsible Index Fund		431,378		331,073	60,371	42,207	4,557		3,003	595		442
Mid-Cap Equity Index Fund		1,136,797		891,813	295,678	224,869	21,055		16,526	1,495		1,306
International Equity Fund		1,623,517		1,263,326	415,402	310,173	30,600		23,735	2,186		1,799
Small-Cap Equity Fund		3,075,040		2,442,513	393,221	301,375	31,900		27,694	6,965		5,533
Treasury Inflation Protected Securities (TIPS)		324,753		292,654	98,542	86,594	10,170		8,923	337		320
Self-Directed Brokerage Option		35,654		28,093	5,942	4,592	-		-	-		-
Total investments	\$	19,490,163	\$	16,169,477 \$	3,721,671 \$	2,979,511	\$ 403,855	\$	339,277	\$ 27,786	\$_	22,612
Participant loans receivable (Note 4)		220,719		218,126	32,450	30,949	-		-	-		-
Other assets		1,663		2,152	1,338	1,893	-		-	3		6
Cash and cash equivalents	_	19,316		16,203	1,080	1,905	182	_	123	-	_	
Total assets	_ \$	19,731,861	\$	16,405,958 \$	3,756,539 \$	3,014,258	\$ 404,037	\$_	339,400	\$ 27,789	\$_	22,618
Liabilities												
Accounts payable and accrued expenses		6,445		4,614	-	1,642	527		354	1		1
Total liabilities	\$	6,445	\$	4,614 \$	- \$	1,642	\$ 527	\$	354	\$ 1	\$	1
Plan Fiduciary Net Position Restricted for Plan Benefits	 \$ 	19,725,416	\$	16,401,344 \$	3,756,539 \$	3,012,616	\$ 403,510	\$	339,046	\$ 27,788	\$_	22,617

See Notes to Financial Statements.

### Statements of Changes in Plan Fiduciary Net Position Years Ended December 31, 2019 and 2018 (in thousands)

	457	PI	an	401(	k)	Plan	NY	CE I	IRA		401(	a) F	Plan
ADDITIONS TO FIDUCIARY NET POSITION:	2019		2018	2019		2018	2019		2018		2019		2018
Net investment income:													
Appreciation (Depreciation) in fair value	\$ 3,325,295	\$	(672,441) \$	556,673	\$	(122,749) \$	51,147	\$	(8,729)	\$	5,762	\$	(1,283)
Investment management fees	(28,462)		(28,298)	(5,503)		(5,203)	(652)		(646)		(39)		(39)
Custodial fees	(1,174)		(1,129)	(157)		(203)	(18)		(23)		-		-
Total net investment income (loss)	\$ 3,295,659	\$_	(701,868) \$	551,013	\$	(128,155) \$	50,477	\$	(9,398)	\$	5,723	\$_	(1,322)
Contributions:													
Deferrals of compensation	\$ 737,934	\$	710,703 \$	200,367	\$	186,082 \$	5,572	\$	4,452	\$	23	\$	23
Participant rollovers	-		-	116,379		116,639	31,861		32,269		-		-
	737,934	_	710,703	316,746		302,721	37,433		36,721		23		23
Total Additions	\$ 4,033,593	\$_	8,835 \$	867,759	\$	174,566 \$	87,910	\$_	27,323	\$	5,746	\$_	(1,299)
DEDUCTIONS FROM FIDUCIARY NET POSITION:													
Benefits paid to participants and beneficiaries	\$ 694,220	\$	625,702 \$	121,529	\$	104,001 \$	23,232	\$	15,741	\$	568	\$	296
Recordkeeping/Loan Fees	6,731		6,473	810		849	54		61		7		4
Administrative expenses	8,570		7,763	1,497		1,386	160		148		-		-
Total deductions	\$ 709,521	\$	639,938 \$	123,836	\$	106,236 \$	23,446	\$	15,950	\$	575	\$	300
Increase (Decrease) in fiduciary net position	3,324,072	_	(631,103)	743,923		68,330	64,464		11,373		5,171	_	(1,599)
Plan Fiduciary Net Position, Beginning of year	16,401,344	-	17,032,447	3,012,616		2,944,286	339,046	_	327,673	Ī	22,617		24,216
Plan Fiduciary Net Position, End of year	\$ 19,725,416	\$	16,401,344 \$	3,756,539	\$	3,012,616 \$	403,510	\$	339,046	\$	27,788	\$	22,617

See Notes to Financial Statements.



#### Note 1 - Description of Plans and Significant Accounting Policies

#### Plan Description

The following description of the Deferred Compensation Plan for Employees of The City of New York and Related Agencies and Instrumentalities (the "457 Plan," the "401(k) Plan," the New York City Employee Individual Retirement Account "NYCE IRA" and the "401(a) Plan" or collectively, the "Plans") provides only general information. Participants should refer to the respective Plan documents for a more complete description of the Plans' provisions.

#### General

The 457 and 401(k) Plans are defined contribution plans which permit employees of The City of New York (the "City") and Related Agencies and Instrumentalities to defer receipt of a portion of their current salary until future years. The 457 Plan is intended to satisfy the requirements for an "eligible deferred compensation plan" under Section 457 of the Internal Revenue Code of 1986, as amended (the "Code"), and is comprised of pre-tax and Roth (post-tax) components. The 401(k) Plan is a "qualified plan" under Section 401(k) of the Code and is comprised of the pre-tax and Roth components. The NYCE IRA is a deemed IRA under section 408(q) of the Code. The 401(a) Plan is a defined contribution plan that is qualified under Section 401(a) of the Code and is a governmental plan under Section 414(d) of the Code.

The NYCE IRA is comprised of a traditional IRA and a Roth IRA, both of which are available to current and former City employees (with a termination date of 1985 or after) and their spouses as an additional retirement savings vehicle. Employees and their spouses can use the NYCE IRA to make contributions and/or consolidate their retirement assets through rollovers.

Assets in the Plans are held in a custodial account for the exclusive benefit of the Plans' participants and their beneficiaries.

The Plans are reported as other employee benefit trust funds within The City of New York's Comprehensive Annual Financial Report.

#### **Employer Contributions**

In 2007, as a result of collective bargaining agreements, the 401(a) Plan was established to accept employer contributions made on behalf of The City of New York employees who are members of the Lieutenants Benevolent Association ("LBA") and the Captains Endowment Association ("CEA").

Employer contributions to the 401(a) Plan for LBA ceased as of February 1, 2015. Employer contributions to the 401(a) Plan for CEA members were \$23,310 in 2019 and \$22,730 in 2018. Employer contributions were based on the collectively bargained agreements.

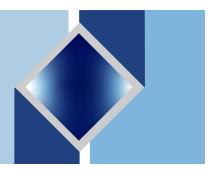
As of December 31, 2019 and 2018, all employer contributions have been received by the Plan. The 401(a) Plan had 3,011 participants as of December 31, 2019 and 3,028 participants as of December 31, 2018.

#### **Participant Contributions**

Participants in the 457 and 401(k) Plans could contribute up to \$19,000 in 2019 and \$18,500 in 2018 of "Includible Compensation" (as defined by the Code) to each plan. If an employee was age 50 or older, the employee was permitted to contribute up to \$25,000 in 2019 and \$24,500 in 2018 to each plan.

### Notes to Financial Statements

**December 2019 and 2018** 



#### Note 1 - Description of Plans and Significant Accounting Policies (continued)

Participants in the NYCE IRA may make traditional and Roth contributions annually subject to a contribution limit. The yearly combined contribution limit for the traditional and Roth NYCE IRA was \$6,000 for 2019 and \$5,500 for 2018, and if age 50 and older, \$7,000 for 2019 and \$6,500 for 2018 of taxable compensation.

#### Vesting

Participants are fully vested in their account balances at all times.

#### Participant Loans

Participants may borrow from their pre-tax 457 and/or pre-tax 401(k) accounts. Loans are not permitted from the NYCE IRA and 401(a) Plans. The minimum loan amount is \$2,500. The maximum amount of an approved loan shall not exceed the lesser of: (i) 50% of the participant's 457 or 401(k) Plan account balance; or (ii) \$50,000 less the combined balance of all outstanding loans a participant may have from pension loans, 403(b) and other Deferred Compensation Plan loans. The loans are secured by the balance in the participant's account and bear interest equal to one percentage point above the prime interest rate as published in The Wall Street Journal on the first business day of each month, or such other reasonable rate of interest as the Board shall determine. Principal and interest are paid through payroll deductions. All loans are to be repaid over a nonrenewable period not to exceed five years.

#### Participants' Accounts

Each participant's account is credited with the participant's contributions as remitted, with a daily allocation of earnings on the investment options in which the participant is invested. A participant's 401(a) account is credited with employer contributions only. The account is charged with a quarterly administrative expense fee and a daily reduction of the net asset value of an annualized four basis points, or 0.04%, for the years ended December 31, 2019 and 2018. Each participant's account balance is invested in accordance with the investment option(s) selected by the participant.

#### Payment of Benefits

#### 457 Plan

A participant's 457 deferred compensation account balance is available upon severance from City service, attainment of age 70½, death, or the occurrence of certain unforeseeable emergencies as set forth by the Code. A participant may elect to receive: 1) one lump sum amount equal to the value of the account, 2) a specified amount certain, 3) periodic payments paid in substantially equivalent installments monthly, quarterly, semi-annually or annually over a period not exceeding the life expectancy of the participant, or, in certain circumstances, the joint life expectancy of the participant and a "designated beneficiary" (as defined by the Code), or 4) an amount certain with the balance paid as periodic payments. Funds can also be rolled over into an Eligible Retirement Plan (as defined in the Code) or an Individual Retirement Account (IRA).

Certain eligible participants are entitled to a full distribution of their account prior to severance from service if the total account balance does not exceed \$5,000; there were no contributions or loans during the two-year period ending on the date of distribution; and there have been no prior distributions of this type.

457 Plan participants are eligible to use their pre-tax 457 assets as a source of funding for the purchase of permissive service credits (as defined in Section 415(n) (3) (A) of the Code) in an employee's pension system via a trustee-to-trustee tax-free transfers in accordance with procedures established by the Plan. Roth 457 assets are not eligible to be used for the purchase of permissive service credits.



#### Note 1 - Description of Plans and Significant Accounting Policies (continued)

#### 401(k) Plan

A participant's 401(k) deferred compensation account balance is available upon severance from City service, attainment of age 59½, death, or the occurrence of an immediate and heavy financial need as defined by the Code. 401(k) Plan participants age 59½ and older are eligible to take distributions, without penalty, from their 401(k) accounts while still in service. A participant may elect to receive: 1) one lump sum amount equal to the value of the account, 2) a specified amount certain, 3) periodic payments paid in substantially equivalent installments monthly, quarterly, semi-annually or annually over a period not exceeding the life expectancy of the participant, or, in certain circumstances, the joint life expectancy of the participant and a "designated beneficiary" (as defined by the Code), or 4) an amount certain with the balance paid as periodic payments. Upon severance from City service, or attainment of age 59½, funds may be rolled over into an Eligible Retirement Plan (as defined in the Code), or an IRA.

401(k) Plan participants are eligible to use their pre-tax Plan assets as a source of funding for the purchase of permissive service credits (as defined in Section 415(n)(3)(A) of the Code) in an employee's pension system via a trustee-to-trustee tax-free transfers in accordance with procedures established by the Plan via a direct transfer in accordance with procedures established by the 401(k) Plan. Roth 401(k) assets are not eligible to be used for the purchase of permissive service credits.

#### **NYCE IRA**

The owner may elect to receive: 1) one lump sum amount equal to the value of the account, 2) a specified amount certain, 3) periodic payments paid in substantially equivalent installments monthly, quarterly, semi-annually or annually over a period not exceeding the life expectancy of the participant, or, in certain circumstances, the joint life expectancy of the participant and a "designated beneficiary" (as defined by the Code), or 4) an amount certain with the balance paid as periodic payments. Funds withdrawn prior to age 59½ may be subject to a penalty. Funds may be transferred to another Eligible Retirement Plan (as defined in the Code) or an IRA at any time.

#### 401(a) Plan

A participant's 401(a) deferred compensation account balance is available upon severance from City service, attainment of age 62, or death. 401(a) Plan participants age 62 and older are eligible to take distributions, without penalty, from their 401(a) accounts while still in service. A participant may elect to receive: 1) one lump sum amount equal to the value of the account, 2) a specified amount certain, 3) periodic payments paid in substantially equivalent installments monthly, quarterly, semi-annually or annually over a period not exceeding the life expectancy of the participant, or, in certain circumstances, the joint life expectancy of the participant and a "designated beneficiary" (as defined by the Code), or 4) an amount certain with the balance paid as periodic payments. Upon severance from service, or attainment of age 62, funds may be rolled over into an Eligible Retirement Plan (as defined in the Code), or an IRA.

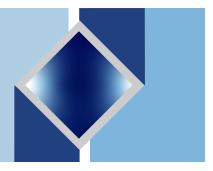
#### **Basis of Presentation**

The Plans present their financial statements on the accrual basis of accounting in accordance with generally accepted accounting principles as promulgated by the Governmental Accounting Standards Board.

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

### Notes to Financial Statements

December 2019 and 2018



#### Note 1 - Description of Plans and Significant Accounting Policies (continued)

#### **Plans' Termination**

The Plans' Board has the right under each of the Plans to amend, suspend or terminate the Plans, any deferrals thereunder, or add or eliminate any investment option, in whole or in part. Upon termination of the Plans all amounts deferred shall be payable to participants or their beneficiaries as provided in the Plans' controlling document.

#### **Income Tax Status**

The Plans are periodically reviewed and updated as required by federal law and, at the time of this publication, are in compliance with the applicable requirements of the Code and, therefore, qualify as tax-favored plans.

#### **Cash and Cash Equivalents**

Cash includes cash on hand and demand deposits with financial institutions. All highly liquid investments with a maturity of 90 days or less when purchased are considered to be cash equivalents. Cash equivalents are stated at cost, which approximates fair value.

#### **Investment Policy**

The Plans' investment policy was developed by the Board. The Plans' objective in providing multiple investment fund options is to provide participants with investment fund options that are diversified across a range of risk levels, asset classes and investment strategies in the aggregate in order to accommodate the varying levels of risk tolerance of the participants and to allow participants to construct portfolios tailored to meet their particular financial goals.

The Board has overall responsibility for establishing and maintaining this investment policy, selecting the investment options available under the Plans, regularly evaluating the Plans' investment performance, providing participants with investment education and communications regarding the Plans and their investments, and ensuring that the assets of the Plans are in compliance with all applicable laws governing the operations of the Plans.

The Board has authorized the Plans to invest in the following investments:

- Stable Income Fund holds guaranteed investment contracts, separate accounts with insurance companies and wrapped managed fixed-income portfolios with the objective to invest in high quality fixed income securities with an emphasis on safety of principal and consistency of returns.
- Bond Index Fund is a passively managed fund and seeks to replicate the investment results, before fees and expenses, of the Bloomberg Barclays U.S. Aggregate Bond Index. The Fund is invested and reinvested primarily in a portfolio of debt securities with the objective of approximating as closely as practicable the total rate of return of the market for debt securities as defined by the Bloomberg Barclays U.S. Aggregate Bond Index.
- Equity Index Fund passively invests in a portfolio of equity securities of companies listed on the U.S. securities
   exchanges or traded on the NASDAQ or over the counter with the objective of replicating the return of the S&P 500
   Index.
- Global Socially Responsible Index Fund passively invests in equity securities of companies worldwide that meet specific financial, social and environmental requirements with the aim to approximate as closely as practicable the total rate of return of the MSCI ACWI SRI index.
- Mid-Cap Equity Index Fund passively invests in a portfolio of equity securities of mid-sized companies with the objective of replicating the composition and characteristics of the Standard and Poor's Mid-Cap 400 Index.



#### Note 1 - Description of Plans and Significant Accounting Policies (continued)

- International Equity Fund, using active and passive managers, invests in companies located outside the U.S. The
  primary emphasis of the portfolio is on relatively large to mid-capitalization stocks in developed and emerging market
  countries (countries included in the MSCI ACWI ex-US IMI Index). In addition, a portion of the portfolio's assets is
  invested in international small capitalization stocks.
- Small-Cap Equity Fund, using active and passive managers, invests primarily in small to medium capitalization domestic companies listed on the U.S. exchanges or traded on the NASDAQ or over the counter with the objective to provide long-term growth of capital. In the short-term these stocks may display substantial volatility.
- Treasury Inflation Protected Securities ("TIPS") invests primarily in inflation indexed bonds. TIPS are included in some of the pre-arranged portfolios, but are not available as a core investment option. The TIPS allocation helps protect against inflation and seeks to increases the risk-adjusted returns of the pre-arranged portfolios.
- Self-Directed Brokerage Option allows participants to invest a portion of their assets in mutual funds and ETFs offered outside of the Plans (not available in the NYCE IRA and 401(a)).

The Plans also provide options called pre-arranged portfolios to provide diversified investment options for participants with different time horizons for expected withdrawals. Each portfolio consists of varying percentages of the existing investment options described above with the exception of the Global Socially Responsible Index Fund.

Contributions are allocated among investment options based on participant designations through the Plans' recordkeeper.

#### **Risks and Uncertainties**

The Plans provide for participant directed investments including a stable income fund which is composed of guaranteed investment contracts, separate accounts with insurance companies and wrapped managed fixed-income portfolios. The Plans' investments are exposed to various risks that are discussed in Note 2. Other risks may include sector and derivative risk. Due to the level of risk associated with certain investments and the level of uncertainty related to changes in the value of investments, it is at least reasonably possible that changes in risks in the near term could materially affect participants' account balances and the amounts reported in the Statements of Plan Fiduciary Net Position and the Statements of Changes in Plan Fiduciary Net Position.

# Notes to Financial Statements

December 2019 and 2018



# Note 2 - Investments (in thousands)

The fair value of the Plans' investments at December 31, 2019 and 2018, segregated by funds, are as follows (in thousands):

	457	Pla	n	401	k) P	lan		NYO	EIF	RA		401(	a) Pla	ın
	2019		2018	2019		2018		2019		2018		2019		2018
Stable Income Fund:														
American General Life	\$ 513,443	\$	508,523	\$ 116,786	\$	107,920	\$	18,513*	\$	17,389*	\$	306	\$	306
Bank of New York Mellon			18,078			3,837				618		-		11
ICMA - RC	517,136		477,815	117,007		101,403		18,539		16,339		310		288
Jackson National Life Insurance Company	136,075		158,432	30,950		33,623		4,906		5,418		81		95
Massachusetts Mutual	85,177		86,399	19,374		18,336		3,071		2,954		51		52
Metropolitan Life Insurance Company	1,030,144*		1,008,461*	234,306*		214,017*		37,142*		34,485*		615		607
Nationwide Life	474,786		468,666	107,990		99,461		17,119		16,026*		283		282
New York Life Insurance Company	128,156		129,244	29,149		27,428		4,621		4,420		77		78
Ohio National	95,641		111,216	21,754		23,602		3,448		3,803		57		67
Principal Life Insurance Company	110,250		104,813	25,076		22,244		3,975		3,584		66		63
Protective Life	9,049		16,520	2,058		3,506		326		565		5		10
Prudential Life Insurance Company	645,255		628,550	146,763		133,392		23,265*		21,494*		385		379
Transamerica Life	331,528		326,572	75,406		69,306		11,953		11,167		198		197
United of Omaha	103,653		112,422	23,576		23,858		3,737		3,844		62		68
Minnesota Life	103,608		37,167	23,566		7,888		3,736		1,271		62		22
Voya Retirement Insurance & Annuity	818,558		670,360	186,181*		142,264		29,513*		22,925*		489		404
	\$ 5,102,459	\$	4,863,238	\$ 1,159,942	\$	1,032,085	\$	183,864	\$	166,302	\$	3,047	\$	2,929
Bond Index Fund:		_					_		_		_		_	
Bank of New York Mellon	\$ 221	\$	504	\$ 65	\$	145	\$		\$	12	\$		\$	
BlackRock			3	-		1				-				
BlackRock Passive	814,098		691,184	238,501 *		199,359*		21,203		15,841		691		659
	\$ 814,319	\$	691,691	\$ 238,566	\$	199,505	\$	21,203	\$	15,853	\$	691	\$	659
Equity Index Fund:														
Bank of New York Mellon	\$ 6,946,246*	\$	5,365,076*	\$ 1,054,007*	\$_	778,111*	\$	100,506*	\$	77,241*	\$	12,470 *	\$	9,624
Global Socially Responsible Index Fund:														
Aberdeen Asset Management, Inc.	\$	\$	79	\$ 11	\$	10	\$		\$	1	\$		\$	
BlackRock Active	431,378		330,994	60,360		42,197*		4,557		3,002		595		442
	431,378	Γ	331,073	60,371	_	42,207		4,557	_	3,003		595		442
Mid-Cap Equity Index Fund:		_			_		-		_					
Bank of New York Mellon	\$	\$	95	\$ -	\$	24	\$		\$	2	\$	-	\$	
Rhumbline	\$ 1,136,797*	\$	891,718*	\$ 295,678*	\$	224,845*	\$	21,055	\$	16,524	\$	1,495*	\$	1,306
	1,136,797	_	891,813	295,678	_	224,869		21,055		16,526		1,495		1,306

<sup>\*</sup> Represents 5% or more of net position of the respective Plans.

		457	' Pla	n		401	(k) P	lan		NY	CE IR	RA		401(	a) Pla	an
		2019		2018		2019		2018		2019		2018		2019		2018
International Equity Fund:																
Bank of New York Mellon	\$		\$	143,495	\$		\$	35,231	\$		\$	2,697	\$		\$	204
Alliance Capital Management L.P.		285		285		73		70				5				-
Baillie Gifford Overseas Ltd.		654,468		486,949		167,456		119,556		12,335		9,148		881		693
Copper Rock		158,377		130,229		40,523		31,974		2,985		2,447		213		185
Mondrian Investment Partners, Ltd.		593,771		502,336		151,925		123,334		11,197		9,438		800		717
New Star Institutional Managers, Ltd.				25				6				-				-
Northern Trust Investments N.A.				7				2				-				-
MCM ACWI Ex US		216,616		-		55,425		-		4,083		-		292		-
	\$	1,623,517	\$	1,263,326	\$	415,402	\$	310,173	\$	30,600	\$	23,735	\$	2,186	\$	1,799
Small-Cap Equity Fund:	_				_						_		_			
Bank of New York Mellon	\$		\$	777	\$		\$	96	\$		\$	9	\$		\$	2
Dimensional Fund Advisors, LP		706,271		480,097		90,314		59,238		7,327		5,443		1,601 *		1,088
T. Rowe Price Associates, Inc.		714,559		598,227		91,374		73,813		7,413		6,783		1,618*		1,355*
Rhumline		929,558		764,776		118,867		94,363		9,643		8,671		2,105*		1,732*
Wellington Management Company, LLP		724,652		598,636		92,666		73,865		7,517		6,788		1,641 *		1,356*
	\$	3,075,040	\$	2,442,513	\$	393,221	\$	301,375	\$	31,900	\$	27,694	\$	6,965	\$	5,533
Treasury Inflation Protected Securities:	_		_										_		_	
BNP Paribas	\$	324,753	\$	292,654	\$	98,542	\$	86,594	\$	10,170	\$	8,923	\$	337	\$	320
	\$	19,454,509	\$	16,141,384	\$	3,715,729	\$	2,974,919	\$	403,855	\$	339,277	\$	27,786	\$	22,612
Self-Directed Brokerage Option:**	-		_						-				_			
TD Ameritrade		35,654		28,093		5,942		4,592		N/A		N/A		N/A		N/A
Total	\$	19,490,163	\$	16,169,477	\$	3,721,671	\$	2,979,511	\$	403,855	\$	339,277	\$	27,786	\$	22,612
	_												_			

<sup>\*</sup> Represents 5% or more of net position of the respective Plans.

Transfers out of the Plans' core investment options were assessed a 2% redemption fee on the amounts transferred into another fund within the previous 32 consecutive calendar days. Any amounts held longer than 32 consecutive calendar days were not assessed the redemption fee. The fees collected are reinvested back into the applicable fund for the benefit of participants in those funds. Lump sum withdrawals and periodic distributions do not incur the redemption fee, and payroll contributions held less than 32 days are not included in the calculation of the redemption fee if they are transferred out of a fund.

<sup>\*\*</sup> Participants manage their own accounts in the Self-Directed Brokerage Option.

Net investment income, exclusive of custodial fees for the years ended December 31, 2019 and 2018, segregated by investment fund, was as follows:

u	2019	A	Appreciation (Depreciation) in Fair Value	Investment Management Fees	Total
457 Plan	Stable Income Fund	\$	134,547	\$ (12,011)	\$ 122,536
7	Bond Index Fund		67,146	(261)	66,885
45	Equity Index Fund		1,659,975	(264)	1,659,711
4.	Global Socially Responsible Index Fund		94,822	(305)	94,517
	Mid-Cap Equity Index Fund		252,891	(98)	252,793
	International Equity Fund		360,566	(4,395)	356,171
	Small-Cap Equity Fund		706,925	(10,905)	696,020
	TIPS		29,852	(223)	29,629
	Self-Directed Brokerage Option		6,358	-	6,358
	Interest on Participant Loans		11,441	_	11,441
	Other		772	_	772
	Totals	\$	3,325,295	(28,462)	3,296,833
24		,	-,,	(==, :==)	-,,
457 Plan	2018				
P	Stable Income Fund	\$	115,470	\$ (12,574)	\$ 102,896
7	Bond Index Fund		1,411	(235)	1,176
4	Equity Index Fund		(236,892)	(265)	(237,157)
	Global Socially Responsible Index Fund		(23,922)	(292)	(24,214)
	Mid-Cap Equity Index Fund		(118,051)	(191)	(118,242)
	International Equity Fund		(241,906)	(4,002)	(245,908)
	Small-Cap Equity Fund		(172,454)	(10,532)	(182,986)
	TIPS		(4,498)	(207)	(4,705)
	Self-Directed Brokerage Option		(2,207)	-	(2,207)
	Interest on Participant Loans		9,979	-	9,979
	Other		629	-	629
	Totals	\$	(672,441)	\$ (28,298)	\$ (700,739)
2	2019		Appreciation (Depreciation) in Fair Value	Investment Management Fees	Total
1(k)	2019 Stable Income Fund	\$	28,445	\$ (2,731)	\$ 25,714
401(k)				\$	\$
401(k)	Stable Income Fund		28,445	\$ (2,731)	\$ 25,714
401(k)	Stable Income Fund Bond Index Fund		28,445 11,214	\$ (2,731) (76)	\$ 25,714 11,138
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund		28,445 11,214 276,632	\$ (2,731) (76) (40)	\$ 25,714 11,138 276,592
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund		28,445 11,214 276,632 12,595	\$ (2,731) (76) (40) (43)	\$ 25,714 11,138 276,592 12,552
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund		28,445 11,214 276,632 12,595 42,142	\$ (2,731) (76) (40) (43) (26)	\$ 25,714 11,138 276,592 12,552 42,116
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund		28,445 11,214 276,632 12,595 42,142 60,480	\$ (2,731) (76) (40) (43) (26) (1,124)	\$ 25,714 11,138 276,592 12,552 42,116 59,356
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund		28,445 11,214 276,632 12,595 42,142 60,480 117,395	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS		28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option		28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans		28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680	(2,731) (76) (40) (43) (26) (1,124) (1,395) (68)	25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673	(2,731) (76) (40) (43) (26) (1,124) (1,395) (68)	25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170
401(k)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  Stable Income Fund Bond Index Fund	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) - (5,503)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  Stable Income Fund Bond Index Fund Equity Index Fund	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) - - (5,503) (2,669) (68) (38)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) - - (5,503) (2,669) (68) (38) (37)	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170 20,086 213 (43,971) (3,145)
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108) (21,873)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) 	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170 20,086 213 (43,971) (3,145) (21,921)
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108) (21,873) (44,607)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) 	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170 20,086 213 (43,971) (3,145) (21,921) (45,589)
	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund International Equity Fund Small-Cap Equity Fund	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108) (21,873) (44,607) (32,621)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) 	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170 20,086 213 (43,971) (3,145) (21,921) (45,589) (33,921)
	Stable Income Fund Bond Index Fund Equity Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund International Equity Fund Small-Cap Equity Fund Small-Cap Equity Fund TIPS	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108) (21,873) (44,607) (32,621) (812)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) 	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170  20,086 213 (43,971) (3,145) (21,921) (45,589) (33,921) (873)
	Stable Income Fund Bond Index Fund Equity Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund International Equity Fund Small-Cap Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108) (21,873) (44,607) (32,621) (812) (353)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) 	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170  20,086 213 (43,971) (3,145) (21,921) (45,589) (33,921) (873) (353)
	Stable Income Fund Bond Index Fund Equity Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  Stable Income Fund Bond Index Fund Equity Index Fund Equity Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108) (21,873) (44,607) (32,621) (812) (353) 1,381	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) 	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170  20,086 213 (43,971) (3,145) (21,921) (45,589) (33,921) (873) (353) 1,381
	Stable Income Fund Bond Index Fund Equity Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option Interest on Participant Loans Other Totals  2018 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund International Equity Fund Small-Cap Equity Fund Small-Cap Equity Fund TIPS Self-Directed Brokerage Option	\$	28,445 11,214 276,632 12,595 42,142 60,480 117,395 5,010 939 1,680 141 556,673 22,755 281 (43,933) (3,108) (21,873) (44,607) (32,621) (812) (353)	\$ (2,731) (76) (40) (43) (26) (1,124) (1,395) (68) 	\$ 25,714 11,138 276,592 12,552 42,116 59,356 116,000 4,942 939 1,680 141 551,170  20,086 213 (43,971) (3,145) (21,921) (45,589) (33,921) (873) (353)

Net investment income, exclusive of custodial fees for the years ended December 31, 2019 and 2018, segregated by investment fund, was as follows:

NYCEIRA	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund TIPS Other	\$ **	opreciation (Depreciation) in Fair Value 4,662 995 24,580 924 3,744 5,357 10,420 447	\$	Investment Management Fees (433) (7) (4) (3) (2) (83) (113) (7)	\$	Total 4,229 988 24,576 921 3,742 5,274 10,307 440 18
	Totals	\$	51,147	\$	(652)	\$	50,495
NYCEIRA	2018 Stable Income Fund	\$	3,818	\$	(430)	\$	3,388
CE	Bond Index Fund	Ψ	25	Ψ	(5)	Ψ	20
X	Equity Index Fund		(3,768)		(4)		(3,772)
	Global Socially Responsible Index Fund		(227)		(3)		(230)
	Mid-Cap Equity Index Fund		(1,881)		(4)		(1,885)
	International Equity Fund		(3,846)		(75)		(3,921)
	Small-Cap Equity Fund TIPS		(2,796) (68)		(119)		(2,915)
	Other		14		(6)		(74) 14
	Totals	\$	(8,729)	\$	(646)	\$	(9,375)
401(a)	2019 Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund Small-Cap Equity Fund	<b>A</b> ,	opreciation (Depreciation) in Fair Value 74 121 2,998 128 456 649 1 282	\$	Investment Management Fees (8) (6) (25)	\$	Total 66 121 2,998 128 456 643 1,257
	Small-Cap Equity Fund TIPS		1,282 54		(25)		1,25 <i>7</i> 54
	Totals		5,762		(39)		5,723
a)	2018						
401(a)	Stable Income Fund Bond Index Fund Equity Index Fund Global Socially Responsible Index Fund Mid-Cap Equity Index Fund International Equity Fund	\$	64 2 (406) (32) (201) (413)	\$	(8) - - - - (6)	\$	56 2 (406) (32) (201) (419)
	Small-Cap Equity Fund		(289)		(25)		(314)
	TIPS	\$	(8) (1,283)	\$	(39)	¢	(8) (1,322)
	Totals						

# As of December 31, 2019, the Plans had the following investments in fixed income investments:

Fixed Income Investments	457 Plan Fair Value (In thousands)	401(k) Plan Fair Value (In thousands)	١	NYCE IRA Fair Value (In thousands)	4	401(a) Plan Fair Value (In thousands)	Weighted Average Maturity (In years)
Stable Income Fund	\$ 5,102,459	\$ 1,159,942	\$	183,864	\$	3,047	3.60
Bond Index Fund	\$ 814,319	\$ 238,566	\$	21,203	\$	691	5.69
TIPS	\$ 324,753	\$ 98,542	\$	10,170	\$	337	8.92
	\$ 6,241,531	\$ 1,497,050	\$	215,237	\$	4,075	

# As of December 31, 2018, the Plans had the following investments in fixed income investments:

Fixed Income Investments	45	7 Plan Fair Value (In thousands)	4	101(k) Plan Fair Value (In thousands)	١	NYCE IRA Fair Value (In thousands)	4	401(a) Plan Fair Value (In thousands)	Weighted Average Maturity (In years)
Stable Income Fund	\$	4,863,238	\$	1,032,085	\$	166,302	\$	2,929	3.67
Bond Index Fund	\$	691,691	\$	199,505	\$	15,853	\$	659	4.78
TIPS	\$	292,654	\$	86,594	\$	8,923	\$	320	8.81
	\$	5,847,583	\$	1,318,184	\$	191,078	\$	3,908	

#### **Interest Rate Risk**

Interest rate risk is the risk that fixed income securities will decline in value because of an increase in interest rates; a fund with a longer average portfolio duration will be more sensitive to changes in interest rates than a fund with a shorter average portfolio duration. Investments held in the portfolio are limited to those issuers which meet stringent criteria with respect to diversification and credit quality. Duration limits are used to control the portfolio's exposure to interest rate changes. In accordance with the Plans' investment guidelines, the duration policy with regard to the Stable Income Fund is for a weighted average not to exceed four years. The weighted average duration for the year ended December 31, 2019 was 2.91 years and 2.95 years for the year ended December 31, 2018. For the Bond Index Fund, the duration policy is the weighted average of the portfolio between 75% to 125% in relation to the Barclays Aggregate Index benchmark. For the TIPS, the duration policy is within 75% to 125% in relation to the Barclays U.S. TIPS Index benchmark. Duration is a measure of the weighted average maturity of the 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:

Years to Maturity	Inve	estment Matur	ities
Investment Type December 31, 2019	Zero to One Year	One to Five Years	More than Five Years
Stable Income fund	11%	67%	22%
Bond Index Fund	3%	46%	51%
TIPS	1%	29%	70%

Years to Maturity	Inve	stment Matur	ities
Investment Type December 31, 2018	Zero to One Year	One to Five Years	More than Five Years
Stable Income fund	13%	62%	25%
Bond Fund	7%	64%	29%
TIPS	2%	27%	71%

#### **Credit Risk**

Credit risk is the risk that the fund could lose money if the issuer or guarantor of a fixed income security, or the counterparty to a derivative contract, is unable or unwilling to meet its financial obligations. The Plans' credit risks are limited to the Stable Income Fund, the Bond Index Fund, and TIPS. Overall, credit ratings for external investment funds that are comprised of the Stable Income Fund, the Bond Index Fund, and TIPS are not separately identified, although a summary of the ratings of the individual investments is provided below. In accordance with the Plans' investment policy, the Stable Income Fund investment option maintained a minimum weighted average quality of Aa2/AA by the median rating of the three major rating agencies (Moody's, Standard & Poor's and Fitch Investors Service). The Bond Index Fund investment option maintained a minimum average quality rating of A- by any one of the three major rating agencies. The TIPS (which may invest in securities other than U.S. Treasury securities) maintained a minimum average portfolio quality of AA+ using the middle rating of Moody's, Standard & Poor's and Fitch Investors Service. As of December 31, 2019 and 2018, the TIPS portfolio has maintained the minimum investment in inflation indexed bonds of 80% of net assets as required by the TIPS guidelines.

The quality ratings of investments, as described by nationally recognized statistical rating organizations, are as follows:

las contact and Toma				Rat	tings			
Investment Type	AAA	AA	А	BBB	Below BBB	Agency	US Treasury	Non Rated
December 31, 2019								
Stable Income Fund	21%	17%	16%	10%	0%	9%	27%	0%
Bond Index Fund	73%	3%	11%	13%	0%	0%	0%	0%
TIPS	1%	0%	0%	0%	0%	0%	99%	0%

Investment Type				Rat	ings			
Investment Type	AAA	AA	А	BBB	Below BBB	Agency	US Treasury	Non Rated
December 31, 2018								
Stable Income Fund	21%	16%	17%	12%	0%	8%	26%	0%
Bond Fund	12%	6%	17%	14%	0%	1%	50%	0%
TIPS	2%	0%	0%	0%	0%	0%	98%	0%

#### **Custodial Credit Risk**

For investments, custodial credit risk is the risk that in the event of the failure of the counterparty, the Plans will not be able to recover the value of their investments or collateral securities that are in the possession of the outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the Plans, and are held by either the counterparty or the counterparty trust department. All of the Plans' investments are held by the trustee in the Plans' names and, therefore, are not exposed to custodial credit risk. At December 31, 2019 and 2018, operating cash of approximately \$19 million and \$18 million, respectively was held in short-term investment accounts by the trustee in the Plans' names, and, therefore, were not exposed to custodial credit risk. Additionally, the Plans' had deposits at financial institutions of \$1,095,765 and \$493,349 at December 31, 2019 and 2018, respectively, of which \$845,765 and \$243,349 exceeded the Federal Deposit Insurance Corporation(FDIC) insured limit of \$250,000.

# **Foreign Currency Risk**

Foreign currency risk is the risk that foreign currencies will decline in value relative to the U.S. dollar and affect the Fund's investments denominated in foreign (non-U.S.) currencies or in securities that trade in, and receive revenues in, or in derivatives that provide exposure to, foreign (non-U.S.) currencies. Currency risk is present in underlying portfolios that invest in foreign stocks and/or bonds. The currency markets have historically been good diversifiers in a total portfolio context; therefore, the Plan has numerous managers that invest globally. In general, currency exposure is viewed as a benefit for its diversification reasons and not as an inherent risk within the portfolio. The Plans' policy is to use forward contracts which may be utilized by investment managers in order to hedge currency exposures.

Foreign Currency Hold (amounts i	_	as of Decemb Dollars, in the	
Trade Currency		2019	2018
Euro	\$	533,007	\$ 393,710
British Pound		202,452	164,836
Japanese Yen		303,764	217,728
Swiss Franc		49,380	38,483
Chinese Yuan		8,043	5,837
Singapore Dollar		30,667	28,615
Canadian Dollar		13,849	17,159
Brazilian Real		10,554	14,373
South Korean Won		31,396	35,089
Danish Krone		49,629	46,525
Australian Dollar		22,796	18,955
Mexican Peso		6,958	4,916
Indonesian Rupiah		2,937	2,700
New Taiwan Dollar		23,554	15,072
Turkish Lira		-	2,420
Hong Kong Dollar		206,211	155,457
South African Rand		2,926	2,367
Swedish Krona		61,002	59,690
Thai Baht		1,932	3,130
Malaysian Ringgit		5,224	5,497
Philippine Peso		4	1,343
Norwegian Krone		6,021	10,049
TOTAL	\$	1,572,306	\$ 1,243,951

#### Note 3 - Fair Value Measurements (in thousands)

Certain investments are reported at fair value by the custodian daily, with the exception of the Stable Income Fund, which is valued monthly. Fair value is computed by the Plans' custodian based on quoted market price and information provided by various investment managers. The Stable Income Fund is valued at contract value based upon information provided by the respective insurance companies and investment managers. Contract value represents contributions made to the fund, plus earnings, less participant withdrawals and administrative expenses.

The Plan implemented GASB Statement No. 72 "Fair Value Measurement and Application" ("GASB 72") during 2014. GASB 72 defined fair value hierarchy consisting of three levels as follows:

- Level 1: Valuations based on quoted prices (unadjusted) in an active market that is accessible at the measurement date for identical assets or liabilities. The fair value hierarchy gives the highest priority to Level 1 inputs.
- Level 2: Valuations based on observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in inactive markets; or model-derived valuations in which all significant inputs are observable or can be derived principally from or corroborated with observable market data.
- Level 3: Valuations based on unobservable inputs used when little or no market data is available. The fair value hierarchy gives lowest priority to Level 3 inputs.

In determining fair value, the Plan utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible in its assessment of fair value.

Following is a description of the valuation methodologies used for assets measured at fair value.

#### **Mutual Funds**

Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan, in the self-directed brokerage, are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily Net Asset Value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded and are included in Level 1 of the fair value hierarchy.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The Plans' investments in the self-directed brokerage options are all Level 1 investments. The Plans' investments measured at net asset value can be redeemed daily. Additionally, there were no unfunded commitments and redemption notice period for investments measured at net asset value.

# **Note 3 - Fair Value Measurements (in thousands)**

The following table sets forth by level, within the fair value hierarchy, the Plans' assets at fair value and valuation method measure at Net Asset Value (NAV) per share as of December 31, 2019 and 2018:

457 Plan		2019	2018
Investments by fair value level :			
Self-directed brokerage option:			
Mutual funds/ETFs	\$	35,654	\$ 28,093
Total mutual funds/ETFs	_	35,654	28,093
Investments measured at the net asset value	_		
Core funds:			
Stable Income Fund (1)		5,102,459	4,863,238
Bond Index Fund (2)		814,319	691,691
Equity Index Fund (3)		6,946,246	5,365,076
Globally Socially Responsible Index Fund (4)		431,378	331,073
Mid-Cap Equity Index Fund (5)		1,136,797	891,813
International Equity Fund (6)		1,623,517	1,263,326
Small-Cap Equity Fund (7)		3,075,040	2,442,513
Treasury Inflation Protected Securities (8)		324,753	292,654
Total Investments measured at the NAV		19,454,509	16,141,384
Total Investments measured at the fair value	\$	19,490,163	\$ 16,169,477
401/k\ Plan		2019	2018
401(k) Plan		2019	2018
Investments by fair value level :	ı	2019	2018
Investments by fair value level : Self-directed brokerage option:	- \$		\$
Investments by fair value level :	- \$	5,942	\$ 4,592
Investments by fair value level : Self-directed brokerage option: Mutual funds/ETFs	- - -		\$
Investments by fair value level : Self-directed brokerage option: Mutual funds/ETFs Total mutual funds/ETFs	- - - -	5,942	\$ 4,592
Investments by fair value level : Self-directed brokerage option: Mutual funds/ETFs Total mutual funds/ETFs Investments measured at the net asset value	- \$ -	5,942	\$ 4,592
Investments by fair value level : Self-directed brokerage option: Mutual funds/ETFs Total mutual funds/ETFs Investments measured at the net asset value Core funds:	\$	5,942 5,942	\$ 4,592 4,592
Investments by fair value level :  Self-directed brokerage option:  Mutual funds/ETFs  Total mutual funds/ETFs  Investments measured at the net asset value  Core funds:  Stable Income Fund (1)	- - -	5,942 5,942 1,159,942	\$ 4,592 4,592 1,032,085
Investments by fair value level :  Self-directed brokerage option:  Mutual funds/ETFs  Total mutual funds/ETFs  Investments measured at the net asset value  Core funds:  Stable Income Fund (1)  Bond Index Fund (2)	- - -	5,942 5,942 1,159,942 238,566	\$ 4,592 4,592 1,032,085 199,505
Investments by fair value level : Self-directed brokerage option: Mutual funds/ETFs Total mutual funds/ETFs Investments measured at the net asset value Core funds: Stable Income Fund (1) Bond Index Fund (2) Equity Index Fund (3)	\$	5,942 5,942 1,159,942 238,566 1,054,007	\$ 4,592 4,592 1,032,085 199,505 778,111
Investments by fair value level:  Self-directed brokerage option:  Mutual funds/ETFs  Total mutual funds/ETFs  Investments measured at the net asset value  Core funds:  Stable Income Fund (1)  Bond Index Fund (2)  Equity Index Fund (3)  Globally Socially Responsible Index Fund (4)	- - -	5,942 5,942 1,159,942 238,566 1,054,007 60,371	\$ 4,592 4,592 1,032,085 199,505 778,111 42,207
Investments by fair value level:  Self-directed brokerage option:  Mutual funds/ETFs  Total mutual funds/ETFs  Investments measured at the net asset value  Core funds:  Stable Income Fund (1)  Bond Index Fund (2)  Equity Index Fund (3)  Globally Socially Responsible Index Fund (4)  Mid-Cap Equity Index Fund (5)	- \$	5,942 5,942 1,159,942 238,566 1,054,007 60,371 295,678	\$ 4,592 4,592 1,032,085 199,505 778,111 42,207 224,869
Investments by fair value level:  Self-directed brokerage option:  Mutual funds/ETFs  Total mutual funds/ETFs  Investments measured at the net asset value  Core funds:  Stable Income Fund (1)  Bond Index Fund (2)  Equity Index Fund (3)  Globally Socially Responsible Index Fund (4)  Mid-Cap Equity Index Fund (5)  International Equity Fund (6)	\$	5,942 5,942 1,159,942 238,566 1,054,007 60,371 295,678 415,402	\$ 4,592 4,592 1,032,085 199,505 778,111 42,207 224,869 310,173
Investments by fair value level:  Self-directed brokerage option:  Mutual funds/ETFs  Total mutual funds/ETFs  Investments measured at the net asset value  Core funds:  Stable Income Fund (1)  Bond Index Fund (2)  Equity Index Fund (3)  Globally Socially Responsible Index Fund (4)  Mid-Cap Equity Index Fund (5)  International Equity Fund (6)  Small-Cap Equity Fund (7)	- \$	5,942 5,942 1,159,942 238,566 1,054,007 60,371 295,678 415,402 393,221	\$ 4,592 4,592 1,032,085 199,505 778,111 42,207 224,869 310,173 301,375

# **Note 3 - Fair Value Measurements (in thousands)**

NYCE IRA	2019	2018
Investments measured at the net asset value		
Stable Income Fund (1)	\$ 183,864	\$ 166,302
Bond Index Fund (2)	21,203	15,853
Equity Index Fund (3)	100,506	77,241
Globally Socially Responsible Index Fund (4)	4,557	3,003
Mid-Cap Equity Index Fund (5)	21,055	16,526
International Equity Fund (6)	30,600	23,735
Small-Cap Equity Fund (7)	31,900	27,694
Treasury Inflation Protected Securities (8)	10,170	8,923
Total Investments measured at the NAV	\$ 403,855	\$ 339,277

401(a) Plan	2019	2018
Investments measured at the net asset value		
Stable Income Fund (1)	\$ 3,047	\$ 2,929
Bond Index Fund (2)	691	659
Equity Index Fund (3)	12,470	9,624
Globally Socially Responsible Index Fund (4)	595	442
Mid-Cap Equity Index Fund (5)	1,495	1,306
International Equity Fund (6)	2,186	1,799
Small-Cap Equity Fund (7)	6,965	5,533
Treasury Inflation Protected Securities (8)	 337	320
Total Investments measured at the NAV	\$ 27,786	\$ 22,612

#### Note 3 - Fair Value Measurements (continued)

- 1. The Stable Income Fund maintains an allocation to liquid bond investments, guaranteed investment contracts, other investment grade fixed income portfolios and wrap contracts issued by banks and insurance companies. Guaranteed investment contracts held within the fund are measured at their contract value. The fund is calculated at Net Asset Value (NAV). The NAV accrues interest based on the Stable Income Fund crediting rate. The Plans' wrap administrator, NISA Investment Advisors, calculates the crediting rate based on the component investments of the Stable Income Fund.
- 2. The Bond Index Fund portfolio is designed to be a well-diversified portfolio of government, agency, corporate, and mortgage backed securities that replicates the composition and characteristics of the Bloomberg Barclays U.S. Aggregate Index. The fair value of the Bond Index Fund is calculated at Net Asset Value (NAV). The Plans' Custodian, Bank of New York Mellon, calculates the NAV based on the market value of the underlying securities of the Bond Index Fund.
- 3. The Equity Index Fund invests in a portfolio of equity securities of companies listed on U. S. securities exchanges that replicates the composition and characteristics of the S&P 500 Index. The fair value of the Equity Index Fund is calculated at Net Asset Value (NAV). The Plans' Custodian, Bank of New York Mellon, calculates the NAV based on the market value of the underlying securities of the Equity Index Fund.
- 4. The Global Socially Responsible Index Fund invests in companies worldwide that meet specific financial, social and environmental requirements. The fair value of the Global Socially Responsible Index Fund is calculated at Net Asset Value (NAV). The Plans' Custodian, Bank of New York Mellon, calculates the NAV based on the market value of the underlying securities of the Global Socially Responsible Index Fund.
- 5. The Mid-Cap Equity Index Fund invests primarily in medium-sized domestic companies listed on U.S. stock exchanges that replicates the composition and characteristics of the S&P 400 Index. The fair value of the Mid-Cap Equity Index Fund is calculated at Net Asset Value (NAV). The Plans' Custodian, Bank of New York Mellon, calculates the NAV based on the market value of the underlying securities of the Mid-Cap Equity Index Fund.
- 6. The International Equity Fund invests in companies located outside the U.S. The primary emphasis of the portfolio will be on relatively large to mid-capitalization stocks in developed countries (countries included in the MSCI All Country World ex-US Index) and investment of a moderate portion of the portfolio's assets will be in international small capitalization stocks. The fair value of the International Equity Fund is calculated at Net Asset Value (NAV). The Plans' Custodian, Bank of New York Mellon, calculates the NAV based on the market value of the underlying securities of the International Equity Fund.
- 7. The Small-Cap Equity Fund invests primarily in small and medium capitalization domestic companies listed on the U.S. exchanges or traded on the NASDAQ or over the counter. The fair value of the Small-Cap Equity Fund is calculated at Net Asset Value (NAV). The Plans' Custodian, Bank of New York Mellon, calculates the NAV based on the market value of the underlying securities of the Small-Cap Equity Index Fund.
- 8. The Treasury Inflation Protected Securities ("TIPS") portfolio is designed to be a real return portfolio of inflation-linked bonds, with additional exposure to a broad array of public and private asset classes, including but not limited to money market instruments, corporate securities, mortgage backed securities, private placements, etc. The managers are required to maintain a minimum investment in inflation indexed bonds of 80% net assets. The TIPS portfolio invests in individual debt securities that have a quality rating, at minimum, (as designated by a recognized rating service) of "B/B2" or higher. The average quality rating of the portfolio should be, at minimum, "A/A2." Regarding concentration limits, the portfolio may hold up to 20% of its combined assets in foreign issued bonds, 5% in any issue/issuer, 5% below BBB, 10% private placements, and 5% foreign currency exposure. TIPS are included in some of the pre-arranged portfolios, but are not available as a core investment option.

For each of the above mentioned funds, there were no unfunded commitments as of December 31, 2019 and 2018.

#### Note 4 - Participant Loans Receivable

Participants in active payroll status are eligible to apply for a loan from the pre-tax portion of the 457 and 401(k) Plans. The minimum loan amount is \$2,500. The maximum amount of an approved loan shall not exceed the lesser of: (i) 50% of the participant's 457 or 401(k) Plan account balance; or (ii) \$50,000 less the combined balance of all outstanding loans a participant may have from pension loans, 403(b) and other Deferred Compensation Plan loans. Loans are not permitted from the NYCE IRA and 401(a) Plans. Participant loans receivable, inclusive of interest receivable, at December 31, 2019 and 2018 were \$253,169,000 and \$249,075,000, respectively.

#### Note 5 - Related Parties (in thousands)

The costs of administering the Plans are paid with the quarterly administrative fee charged to participant accounts, an annualized asset-based fee assessed to the Plans' investment funds, and interest earned on assets held in the Plans' custodial account (which are administered by the Plans' custodian and consists of cash and other rights and properties arising from amounts deferred).

The Office of Labor Relations of The City of New York provides cash receipt and cash disbursement services to the Plans. The Office of Labor Relations also pays costs of certain administrative services including salaries, and overhead expenses. These expenses are reimbursed to the Office of Labor Relations by the Plans. Total amount reimbursed by the Plans to the Office of Labor Relations amounted to \$1,654 and \$1,614 as of December 31, 2019 and 2018, respectively.

The Office of Labor Relations is also responsible for a portion of the expenses for office space leased by FASCore, LLC which is utilized by the Plan to provide administrative services. Such expense totaled \$235 and \$279 in 2019 and 2018, respectively.

The Plans also reimbursed FASCore, LLC, the third party administrator for recordkeeping services and for the office space leased in New York City on a monthly basis. Such expense totaled \$749 and \$794 annually for 2019 and 2018, respectively.

Pursuant to the New York City Deferred Compensation Board Resolution, dated March 7, 2012, the Board approved the use of a consultant-driven search process for the selection of investment managers. The consultant-driven search process is conducted in accordance with the New York State Regulations. The investment management fees were \$34,657 and \$34,186 as of December 31, 2019 and 2018, respectively.

# Combining Schedules of Plan Fiduciary Net Position December 2019 (with computed totals for December 31, 2018) (in thousands)

Program Fund <sup>1</sup>		Administrative Fund <sup>2</sup>		Total 2019		Total 2018
\$ 19,490,163	\$	-	\$	19,490,163	\$	16,169,477
220,719		-		220,719		218,126
-		1,663		1,663		2,152
-		19,316		19,316		16,203
\$ 19,710,882	\$	20,979	\$	19,731,861	\$	16,405,958
-		6,445		6,445		4,614
\$ -	\$	6,445	\$	6,445	\$	4,614
					_	
\$ 19,710,882	\$	-	\$	19,710,882	\$	16,387,603
-		14,534		14,534		13,741
\$ 19,710,882	\$	14,534	\$	19,725,416	\$	16,401,344
- \$ _ - \$ _ - \$ _	\$ 19,490,163 220,719 - - \$ 19,710,882 - \$ 19,710,882 -	\$ 19,490,163 \$ 220,719	\$ 19,490,163 \$ - 220,719	\$ 19,490,163 \$ - \$ 220,719 - 1,663 - 19,316 - 19,316 - 20,979 \$  - 6,445 - \$ 6,445 - \$ 6,445 - \$ 19,710,882 \$ - \$  14,534	\$ 19,490,163 \$ - \$ 19,490,163 220,719 - 220,719 - 1,663 1,663 - 19,316 19,316 \$ 19,710,882 \$ 20,979 \$ 19,731,861 \$ - \$ 6,445 \$ 6,445 \$ 6,445 \$ 19,710,882 \$ - \$ 19,710,882 - 14,534 14,534	\$ 19,490,163 \$ - \$ 19,490,163 \$ 220,719

401 (k)	Program Fund <sup>1</sup>		Administrative Fund <sup>2</sup>		Total 2019		Total 2018
Assets:							
Investments	\$ 3,721,671	\$	-	\$	3,721,671	\$	2,979,511
Participant loans receivable	32,450		-		32,450		30,949
Other assets	-		1,338		1,338		1,893
Cash and cash equivalents	-		1,080		1,080		1,905
Total Assets	\$ 3,754,121		2,418	\$	3,756,539	\$	3,014,258
Liabilities:		_		-			
Accounts payable and accrued expenses	-		-				1,642
Total Liabilities	\$ -	\$	-	\$	-	\$	1,642
Plan Fiduciary Net Position Restricted for Plan Benefits:				-			
Plan Net Position for program benefits	\$ 3,754,121	\$	-	\$	3,754,121	\$	3,010,460
Designated for administration	-		2,418		2,418		2,156
Total Plan Fiduciary Net Position	\$ 3,754,121	\$	2,418	\$	3,756,539	\$	3,012,616
	 	-		-		-	

<sup>&</sup>lt;sup>1</sup> Program Fund represents all participant assets currently invested in the Plan, as well as any outstanding loan balances.

<sup>&</sup>lt;sup>2</sup> Administrative Fund is the amount available for recordkeeping, communications and administrative expenses.

# Combining Schedules of Plan Fiduciary Net Position December 2019 (with computed totals for December 31, 2018) (in thousands)

NYCE IRA	Program Fund <sup>1</sup>	Administrative Fund <sup>2</sup>	Total 2019	Total 2018
Assets:				
Investments	\$ 403,855	\$ -	\$ 403,855	\$ 339,277
Other assets	-	-		
Cash and cash equivalents		182	182	123
Total Assets	\$ 403,855	\$ 182	\$ 404,037	\$ 339,400
Liabilities:				
Accounts payable and accrued expenses	-	527	527	354
Total Liabilities	\$ -	\$ 527	\$ 527	\$ 354
Plan Fiduciary Net Position Restricted for Plan Benefits:				
Plan Net Position for program benefits	\$ 403,855	\$ -	\$ 403,855	\$ 339,277
Designated for administration	-	(345)	(345)	(231)
Total Plan Fiduciary Net Position	\$ 403,855	\$ (345)	\$ 403,510	\$ 339,046

401(a) Plan		Program Fund <sup>1</sup>	Administrative Fund <sup>2</sup>	Total 2019	Total 2018
Assets:					
Investments	\$	27,786	\$ -	\$ 27,786	\$ 22,612
Other assets		-	3	3	6
Total Assets	\$_	27,786	\$ 3	\$ 27,789	\$ 22,618
Liabilities:					
Accounts payable and accrued expenses		-	1	1	1
Total Liabilities	\$_	-	\$ 1	\$ 1	\$ 1
Plan Fiduciary Net Position Restricted for Plan Benefits:					
Plan Net Position for program benefits	\$	27,786	\$ -	\$ 27,786	\$ 22,612
Designated for administration		-	2	2	5
Total Plan Fiduciary Net Position	_ \$ _	27,786	\$ 2	\$ 27,788	\$ 22,617

<sup>&</sup>lt;sup>1</sup> Program Fund represents all participant assets currently invested in the Plan, as well as any outstanding loan balances.

<sup>&</sup>lt;sup>2</sup> Administrative Fund is the amount available for recordkeeping, communications and administrative expenses.

# Schedules of Cash Receipts and Disbursements for the Years Ended December 2019 and 2018 (in thousands)

	457	' PI	an		l01(l	k) P	lan		NYCE IRA		401(	a) F	Plan		
	2019		2018	2019	)		2018	2	019		2018		2019		2018
Cash and cash equivalents - beginning	\$ 16,203	\$	16,796 \$	1,	905	\$	884 \$	5	123	\$	65	\$		\$	-
Receipts:															
Employee contributions	737,934		710,703	316	746		302,721		37,433		36,721		23		23
Investment withdrawals for distribution	694,220		625,702	121	529		104,001		23,232		15,741		568		296
Miscellaneous income	9,963		9,434		102		128		3		2				-
Total receipts	\$ 1,442,117	\$	1,345,839 \$	438	377	\$	406,850 \$	5	60,668	\$	52,464	\$	591	\$	319
Disbursements:															
Distributions to participants	694,220		625,702	121	529		104,001		23,232		15,741		568		296
Investment purchases	729,656		702,787	315	794		301,825		37,377		36,665		23		23
Administrative expenditures	15,128		17,943	1,	879		3		-		-				-
Total disbursements	1,439,004		1,346,432	439	202		405,829		60,609		52,406		591		319
Cash and cash equivalents - ending	\$ 19,316	\$	16,203 \$	1,	080	\$	1,905 \$	5	182	\$	123	\$		\$	

# Schedules of Administrative Expenses and Recordkeeping/Loan Fees for the Years Ended December 2019 and 2018 (in thousands)

	457 Plan			401	(k)	Plan	NYO	CE IRA	401(a) Plan			
	2019		2018	2019		2018	2019	2018	2019		2018	
Salaries	\$ 1,031	\$	990 3	192	\$	178 \$	21	\$ 20 \$		\$	-	
Communications expenses	2,221		2,263	413	3	428	47	48			-	
Advisory and Auditing Fees	599		675	87	7	119	9	13			-	
Rent & Reimbursement to The City	537		595	96	6	99	12	12			-	
Administrative support	4,182		3,240	709	)	562	71	55			-	
Recordkeeping/Loan fees	6,731		6,473	810	)	849	54	61	7		4	
Total	\$ 15,301	\$	14,236	2,307	\$	2,235 \$	214	\$ 209 \$	7	\$	4	

# Schedules of Investment Management Fees for the Years Ended December 2019 and 2018 (in thousands)

	457	' Plar	n	401(	k) F	Plan	NY	NYCE IRA		401(	a) l	Plan
	2019		2018	2019		2018	2019		2018	2019		2018
Stable Income Fund	\$ 12,011	\$	12,574	\$ 2,731	\$	2,669 \$	433	3	\$ 430 \$	8	\$	8
Bond Index Fund	261		235	76		68	7	7	5			-
Equity Index Fund	264		265	40		38	4	1	4			-
Global Socially Responsible Index Fund	305		292	43		37	3	3	3			-
Mid-Cap Equity Index Fund	98		191	26		48	2	2	4			-
International Equity Fund	4,395		4,002	1,124		982	83	3	75	6		6
Small-Cap Equity Fund	10,905		10,532	1,395		1,300	113	3	119	25		25
TIPS	223		207	68		61	7	7	6			-
Total	\$ 28,462	\$	28,298	\$ 5,503	\$	5,203 \$	652	2 3	\$ 646	39	\$	39



# **Investment Options Section**

The Deferred Compensation Plan experienced positive returns for the calendar year ending December 31, 2019. The domestic equity options generated strong positive returns over the year that were in-line with expectations or outperformed their respective benchmarks. The International Equity fund also generated strong positive returns and outperformed its benchmark for the year. The Global Socially Responsible Index Fund was positive for the year and ranked well versus global equity managers. The Core Bond Index Fund was up strongly for the year although it ranked below the median core fixed income manager. The Stable Income Fund generated positive results for the year, although the Stable Income Fund results modestly trailed each of its three benchmarks.

# **Equity Index Fund Performance**

The Equity Index Fund returned 31.7% in 2019, slightly higher than the return of the S&P 500 Index (31.5%). This performance ranked in the 33rd percentile in the universe of large cap domestic equity managers. Results for the trailing three through ten-year time periods have been exceptionally strong and closely mirror the returns of the S&P 500 Index over all time periods after fees. The Fund option has consistently ranked near the top quartile against large cap equity peers.

# Mid-Cap Equity Index Fund Performance

The Mid-Cap Equity Index Fund returned 26.1% in 2019, in-line with the return of the S&P400 Mid Cap Index. This passive performance result ranked in the 77th percentile in the universe of mid cap domestic equity managers. The passive Fund option is in-line with the return of the benchmark through the trailing seven-year period.

# Small-Cap Equity Fund Performance

The Small Cap Equity Fund returned 29.8% in 2019, which outperformed the 25.5% return of the small cap Russell 2000 Index. This performance ranked in the 21st percentile in the universe of small cap domestic equity managers. The Small-Cap Fund has outperformed the benchmark over every time period, extending out to the past ten years and consistently ranks in or near the top quartile of small cap funds.

# International Equity Fund Performance

For the calendar year, the International Equity Fund returned 26.0%, which outperformed the 21.5% return for the MSCI ACWI ex-USA Index. The International Equity Fund ranked in the 44th percentile of the universe of international equity portfolios. The International Equity Fund has exceeded the benchmark over the trailing three though ten-year time periods.

# Global Socially Responsible Index Fund Performance

For the calendar year, the Global Socially Responsible Index Fund returned 28.7%. This performance modestly trailed the return of 29.2% for the MSCI ACWI SRI Index. The Global Socially Responsible Index Fund ranked in the 32nd percentile of the universe of global equity portfolios.

## **Bond Index Fund Performance**

The Bond Index Fund returned 8.7% for the one-year period ending December 31, 2019, matching the return of the Bloomberg Barclays US Aggregate Index. For 2019, the Bond Index Fund's performance ranked in the 70th percentile in the universe of core fixed income managers. The fund completed its transition to a passively managed Bond Index Fund option in January of 2018.

# Stable Income Fund Performance

For the calendar year, the Stable Income Fund returned 2.4%, which lagged the Bloomberg Barclays 1-3 Year Government benchmark return of 3.6%. The Stable Income Fund performance also lagged the 3.6% return of the T-Bills+1.5% benchmark and the 3.3% return of the Lipper Institutional Money Market Fund +1.5% benchmark. The Stable Income Fund has generated competitive returns versus money-market alternatives over all trailing time periods. Over the past ten-year period the Stable Income Fund returned 2.5% and exceeds all three benchmarks.

All return figures mentioned in this review are presented net of fees, are time-weighted, and are calculated by Milliman.

#### Asset Allocation

As of December 31, 2019, Plan investments were \$23.6 billion, which represents an increase of \$4.1 billion from the December 31, 2018 market value of \$19.5 billion. Plan investments, as of December 31, 2019, were allocated as following: 26.8% in the Equity Index Fund, 2.1% in the Global Socially Responsible Index Fund, 4.9% in the Mid-Cap Equity Index Fund, 13.5% in the Small-Cap Equity Fund, 3.8% in the International Equity Fund, 2.2% in the Bond Index Fund, 24.0% in the Stable Income Fund, and 22.5% in target date funds (the largest target date funds were the 2025 Fund with 4.7% of Plan investments, and the 2015 Fund, with 3.2% of Plan investments). Additionally, there were 0.2% of Plan investments in the brokerage window.

Develope of Fair Value	457 Dlan	404(I-) Diam	NIVOE IDA	404(a) Plan
Percent of Fair Value	457 Plan	401(k) Plan	NYCE IRA	401(a) Plan
Pre-Arranged Portfolios				
Static Allocation Fund	1.1%	1.9%	4.3%	0.5%
2005 Fund <sup>1</sup>	0.0%	0.0%	0.0%	0.0%
2010 Fund	0.8%	1.6%	1.3%	0.4%
<b>2015 Fund</b>	3.0%	3.8%	2.6%	2.5%
2020 Fund	1.9%	3.4%	4.4%	1.5%
2025 Fund	4.4%	6.5%	3.8%	3.4%
2030 Fund	2.2%	4.2%	3.3%	1.3%
2035 Fund	1.8%	3.5%	2.1%	1.4%
2040 Fund	1.3%	2.6%	1.4%	0.7%
2045 Fund	1.7%	3.1%	1.6%	1.3%
2050 Fund	1.2%	1.9%	0.9%	0.7%
2055 Fund	0.9%	1.4%	0.8%	0.1%
Core Options				
Stable Income Fund	23.2%	26.4%	40.1%	8.9%
Bond Index Fund	2.1%	2.9%	2.6%	1.0%
Equity Index Fund	28.9%	16.9%	17.0%	40.4%
Global Socially Responsible Index Fund	2.2%	1.6%	1.1%	2.1%
Mid-Cap Equity Index Fund	4.7%	6.0%	3.8%	4.6%
International Equity Fund	3.8%	3.5%	2.4%	4.9%
Small-Cap Equity Fund	14.6%	8.6%	6.5%	24.3%
Self-Directed Brokerage Option	0.2%	0.2%	_	-

<sup>&</sup>lt;sup>1</sup>At close of the stock market on December 31, 2019, the 2005 Fund was valued and rolled into the Static Allocation Fund effective the next business day, January 2, 2020.

# **Pre-Arranged Portfolios**

The Pre-Arranged Portfolios are made up of varying percentages of the following core investment options: Stable Income Fund, Bond Fund, Equity Index Fund, Mid-Cap Equity Index Fund, International Equity Fund, and Small-Cap Equity Fund. They are designated by payout years. The portfolios are designed to meet certain expected rate of return requirements over time horizons, and balance the rate of return needs with the appropriate amount of risk. Each portfolio is rebalanced periodically to lower its equity exposure over time.

U.S. Treasury Inflation Protected Securities ("TIPS") are a component of some of the portfolios as noted below. The goal of TIPS is to preserve and enhance purchasing power for individuals planning for retirement. TIPS represent a distinct asset class in which both principal and interest payments adjust to track changes in the Consumer Price Index or "CPI". A fixed rate of interest is then paid on this increasing principal amount. The principal grows with inflation and the cash coupon also increases with inflation. In a diversified portfolio, an allocation to TIPS can help protect against inflation and increase the risk-adjusted returns of the portfolio.

To pick a portfolio, participants need to use their current age or the number of years until they expect to begin distribution payments as a guide, whichever better suits their personal circumstances.

Fund Name	Composition At December 31, 2019	Annual Return	Custom Benchmark	Portfolio Expense Ratio
Static Allocation Fund	60.0% Stable Income; 15.0% TIPS; 5.0% Bond; 10.0% Equity Index; 3.0% Mid-Cap; 4.0% International; and 3.0% Small-Cap	8.6%	9.4%	0.25%
2005 Fund	59.3% Stable Income; 15.0% TIPS; 5.1% Bond; 10.2% Equity Index; 3.1% Mid-Cap; 4.2% International and 3.1% Small-Cap	9.0%	9.6%	0.25%
2010 Fund	44.5% Stable Income; 15.0% TIPS; 10.0% Bond; 13.3% Equity Index; 4.0% Mid-Cap; 8.2% International; and 4.0% Small-Cap	11.5%	11.9%	0.23%
2015 Fund	35.4% Stable Income; 15.0% TIPS; 11.0% Bond; 18.3% Equity Index; 4.5% Mid-Cap; 11.3% International; and 4.5% Small-Cap	14.0%	14.2%	0.22%
2020 Fund	23.3% Stable Income; 14.9% TIPS; 12.0% Bond; 23.5% Equity Index; 5.0% Mid-Cap; 16.3% International; and 5.0% Small-Cap	17.2%	16.9%	0.20%
2025 Fund	9.7% Stable Income; 11.8% TIPS; 13.0% Bond; 32.3% Equity Index; 5.5% Mid-Cap; 22.2% International; and 5.5% Small-Cap	21.2%	20.5%	0.19%
2030 Fund	3.9% Stable Income; 6.8% TIPS; 14.0% Bond; 38.2% Equity Index; 6.0% Mid-Cap; 25.1% International; and 6.0% Small-Cap	23.6%	22.9%	0.18%
2035 Fund	1.9% Stable Income; 1.9% TIPS; 13.9% Bond; 41.7% Equity Index; 6.5% Mid-Cap; 27.6% International; and 6.5% Small-Cap	25.2%	24.3%	0.18%
2040 Fund	11.8% Bond; 45.1% Equity Index; 7.0% Mid-Cap; 29.1%; International; and 7.0% Small-Cap	26.5%	25.6%	0.18%
2045 Fund	9.8% Bond; 46.1% Equity Index; 7.0% Mid-Cap; 30.1% International; and 7.0% Small-Cap	27.0%	26.0%	0.18%
2050 Fund	4.8% Bond; 48.1% Equity Index; 7.5% Mid-Cap; 32.1% International; 7.5% Small-Cap	28.1%	26.9%	0.19%
2055 Fund	50.5% Equity Index; 8.0% Mid-Cap; 33.5% International; 8.0% Small-Cap	29.1%	27.8%	0.20%

# **Core Investment Options**

## **Stable Income Fund**

The investment objective of the Stable Income Fund is to conserve principal and to provide a steady rate of return. The Fund invests in a combination of insurance company general account investment contracts, a "wrapped" portfolio of high quality bonds, and other fixed income investments as well as cash equivalents. A portfolio is "wrapped" when an insurance company or bank issues a form of investment contract (or wrap agreement) providing a guarantee that member withdrawals from the portfolio will not be adjusted for changes in market conditions. A wrap agreement provides price stability by helping to protect the Fund from severe changes in market value and, subject to certain conditions, provides repayment of principal and interest to Plan participants. Fiduciary Capital Management is the manager for the Traditional Guaranteed Investment Contract ("GIC") portfolio. ICMA-RC manages the liquidity buffer that handles cash flow activity. The actively managed synthetic GIC portfolios and the insurance company separate accounts within the Stable Income Fund are managed by NISA Investment Advisors, Dodge & Cox, BlackRock Financial Management, Prudential, Goldman Sachs Asset Management, Barings, LLC, Longfellow Investment Management, Earnest Partners, LLC, and Pyramis Global Advisors. The actively managed synthetic GIC portfolios and the insurance company separate accounts are wrapped with a book value guarantee provided by Transamerica Premier Life Insurance Company, Metropolitan Life Insurance Company, American General Life, Voya Retirement, Prudential Insurance Company of America and Nationwide Life Insurance Company.

The top ten holdings of the Stable Income Fund are as follows:

#	Asset Long Description	WEIGHT %
1	UNITED STATES TREASURY 08/31/23	1.61%
2	UNITED STATES TREASURY 11/15/21	1.47%
3	UNITED STATES TREASURY 12/31/20	1.47%
4	UNITED STATES TREASURY 07/31/22	1.07%
5	UNITED STATES TREASURY 07/31/21	0.90%
6	UNITED STATES TREASURY 04/30/22	0.86%
7	UNITED STATES TREASURY 06/15/21	0.80%
8	UNITED STATES TREASURY 02/15/22	0.78%
9	UNITED STATES TREASURY 08/15/22	0.73%
10	UNITED STATES TREASURY 09/30/21	0.60%
	Total For Top Holdings	10.29%

#### **Stable Income Fund Portfolios**

Security Des	cription	Maturity	Crediting	Total Assets (in thousands)			
	Stable Va	lue Fund		(III thousands)			
ICMA-F		N/A	2.73%	\$652,992			
Total Stable Va		19/73	2.7070	\$652,992			
Security Description	Credit Rating Moody's/S&P/ Fitch	Maturity	Crediting	Total Assets (in thousands)			
		Cs					
Jackson National	A1/AA/AA	03/31/2020	2.33%	5,281			
Jackson National	A1/AA/AA	05/29/2020	2.35%	10,779			
Jackson National	A1/AA/AA	09/30/2021	2.80%	27,440			
Jackson National	A1/AA/AA	11/30/2021	2.56%	4,060			
Jackson National	A1/AA/AA	06/30/2021	2.43%	14,244			
Jackson National	A1/AA/AA	12/31/2021	2.42%	8,744			
Jackson National	A1/AA/AA	04/29/2022	2.20%	7,137			
Jackson National	A1/AA/AA	05/31/2022	2.71%	14,734			
Jackson National	A1/AA/AA	08/31/2022	2.88%	15,196			
Jackson National	A1/AA/AA	12/30/2022	2.82%	7,658			
Jackson National	A1/AA/AA	04/28/2023	2.68%	20,588			
Jackson National	A1/AA/AA	06/30/2023	2.67%	9,948			
Jackson National	A1/AA/AA	02/28/2023	2.43%	6,552			
Jackson National	A1/AA/AA	11/30/2023	3.25%	19,652			
Massachusetts Mutual	Aa2/AA+/AA+	07/31/2023	2.46%	14,691			
Massachusetts Mutual	Aa2/AA+/AA+	12/29/2023	3.24%	10,616			
Massachusetts Mutual	Aa2/AA+/AA+	12/29/2023	3.35%	23,099			
Massachusetts Mutual	Aa2/AA+/AA+	03/28/2024	3.44%	19,706			
Massachusetts Mutual Massachusetts Mutual	Aa2/AA+/AA+ Aa2/AA+/AA+	05/31/2024 07/31/2024	3.37% 3.51%	23,911 15,649			
Metropolitan Life	Aa3/AA-/AA-	03/31/2024	2.22%	7,209			
Metropolitan Life	Aa3/AA-/AA-	06/02/2020	2.37%	9,456			
Metropolitan Life	Aa3/AA-/AA-	06/30/2020	2.34%	3,319			
Metropolitan Life	Aa3/AA-/AA-	01/29/2021	2.43%	4,830			
Metropolitan Life	Aa3/AA-/AA-	05/03/2021	2.38%	7,952			
Metropolitan Life	Aa3/AA-/AA-	06/01/2021	2.45%	12,316			
Metropolitan Life	Aa3/AA-/AA-	05/28/2021	2.05%	3,219			
Metropolitan Life	Aa3/AA-/AA-	06/30/2021	2.13%	7,531			
Metropolitan Life	Aa3/AA-/AA-	07/30/2021	2.19%	4,520			
Metropolitan Life	Aa3/AA-/AA-	08/31/2021	2.16%	11,803			
Metropolitan Life	Aa3/AA-/AA-	10/29/2021	2.25%	7,506			
Metropolitan Life	Aa3/AA-/AA-	11/30/2022	2.81%	21,386			
Metropolitan Life	Aa3/AA-/AA-	04/28/2023	3.59%	10,175			
Metropolitan Life	Aa3/AA-/AA-	04/28/2023	3.51%	10,577			
Metropolitan Life	Aa3/AA-/AA-	01/31/2024	3.30%	10,294			
Metropolitan Life	Aa3/AA-/AA-	03/29/2024	3.04%	9,508			
Metropolitan Life	Aa3/AA-/AA-	11/30/2023	3.12%	14,588			
Metropolitan Life	Aa3/AA-/AA-	04/30/2024	3.16%	5,102			
Metropolitan Life Metropolitan Life	Aa3/AA-/AA-	02/28/2024	2.59% 2.44%	15,143			
Metropolitan Life	Aa3/AA-/AA- Aa3/AA-/AA-	09/80/2024 10/31/2024	2.52%	8,747 15,354			
Metropolitan Life	Aa3/AA-/AA-	11/29/2024	2.46%	13,715			
Metropolitan Life	Aa3/AA-/AA-	12/31/2024	2.52%	9,993			
Minnesota Life	AA/AA-/Aa3	08/30/2024	3.74%	32,956			
Minnesota Life	AA/AA-/Aa3	09/30/2024	3.71%	15,173			
Minnesota Life	AA/AA-/Aa3	02/28/2024	3.50%	23,266			
Minnesota Life	AA/AA-/Aa3	09/30/2024	3.40%	21,273			
Minnesota Life	AA/AA-/Aa3	01/31/2025	3.07%	24,513			
Minnesota Life	AA/AA-/Aa3	12/31/2024	2.56%	13,790			
New York Life	Aaa/AA+/AAA	01/31/2020	1.70%	11,940			
New York Life	Aaa/AA+/AAA	04/30/2020	1.91%	19,648			

Security Description	Credit Rating Moody's/S&P/ Fitch	Maturity	Crediting	Total Assets (in thousands)
	GI	Cs		
New York Life	Aaa/AA+/AAA	05/29/2020	2.05%	3,948
New York Life	Aaa/AA+/AAA	10/30/2020	2.20%	5,798
New York Life	Aaa/AA+/AAA	09/30/2020	2.23%	10,933
New York Life	Aaa/AA+/AAA	11/30/2020	2.26%	6,567
New York Life	Aaa/AA+/AAA	01/29/2021	2.17%	8,695
New York Life	Aaa/AA+/AAA	09/30/2021	1.90%	7,436
New York Life	Aaa/AA+/AAA	02/28/2022	2.48%	9,426
New York Life	Aaa/AA+/AAA	02/28/2023	3.09%	10,567
New York Life	Aaa/AA+/AAA	03/31/2023	3.22%	6,738
New York Life	Aaa/AA+/AAA	11/30/2023	3.38%	14,501
New York Life	Aaa/AA+/AAA	1/31/2024	3.08%	11,301
New York Life	Aaa/AA+/AAA	06/27/2024	2.37%	12,136
New York Life	Aaa/AA+/AAA	07/31/2024	2.42%	11,507
New York Life	Aaa/AA+/AAA	08/30/2024	2.00%	10,862
Ohio National	A2/AA-/NR	03/31/2021	2.06%	14,847
Ohio National	A2/AA-/NR	11/30/2021	2.48%	2,727
Ohio National	A2/AA-/NR	06/30/2021	2.39%	9,802
Ohio National	A2/AA-/NR	02/26/2021	2.37%	8,674
Ohio National	A2/AA-/NR	04/30/2021	2.42%	8,744
Ohio National	A2/AA-/NR	10/29/2021	2.54%	13,145
Ohio National	A2/AA-/NR	02/28/2022	1.95%	2,887
Ohio National	A2/AA-/NR	02/28/2022	2.09%	12,387
Ohio National	A2/AA-/NR	02/28/2022	2.07%	5,295
Ohio National	A2/AA-/NR	06/30/2023	2.87%	17,635
Ohio National	A2/AA-/NR	05/31/2023	2.91%	24,756
Principal Life	A1/A+/AA-	04/28/2020	2.13%	4,676
Principal Life	A1/A+/AA-	08/30/2020	2.04%	3,310
Principal Life	A1/A+/AA-	10/30/2020	2.20%	5,762
Principal Life	A1/A+/AA-	04/30/2020	2.25%	6,652
Principal Life	A1/A+/AA- A1/A+/AA-	03/31/2021	2.47%	13,765
Principal Life Principal Life	A1/A+/AA- A1/A+/AA-	04/30/2021 08/31/2020	2.60% 2.58%	8,372
Principal Life	A1/A+/AA-	12/31/2020	2.51%	5,577 22,649
Principal Life	A1/A+/AA-	07/30/2021	2.56%	10,335
Principal Life	A1/A+/AA-	08/31/2021	2.67%	8,011
Principal Life	A1/A+/AA-	12/31/2021	2.49%	6,572
Principal Life	A1/A+/AA-	09/29/2023	3.34%	9,234
Principal Life	A1/A+/AA-	02/28/2024	3.65%	15,675
Principal Life	A1/A+/AA-	5/31/2024	2.62%	13,771
Principal Life	A1/A+/AA-	4/30/2025	2.37%	5,005
Protective Life	A2/AA-/A	03/31/2022	2.10%	11,438
Prudential	A1/AA-/A+	03/31/2020	2.28%	1,127
Prudential	A1/AA-/A+	06/30/2020	2.16%	12,003
Prudential	A1/AA-/A+	09/30/2020	2.24%	15,013
Prudential	A1/AA-/A+	10/30/2020	2.18%	8,857
Prudential	A1/AA-/A+	11/30/2020	2.13%	12,488
Prudential	A1/AA-/A+	06/30/2021	2.43%	3,887
Prudential	A1/AA-/A+	08/31/2021	2.57%	18,616
Prudential	A1/AA-/A+	12/30/2022	2.70%	10,752
Prudential	A1/AA-/A+	03/31/2023	2.62%	16,307
Prudential	A1/AA-/A+	01/31/2023	2.40%	3,961
Prudential	A1/AA-/A+	01/31/2023	2.51%	10,588
Prudential	A1/AA-/A+	4/30/2024	2.86%	11,526
Prudential	A1/AA-/A+	2/28/2025	2.31%	8,041
Prudential	A1/AA-/A+	12/31/2023	2.27%	7,022
Prudential	A1/AA-/A+	04/30/2025	2.46%	5,005
United of Omaha	A1/AA-/NR	02/28/2021	2.54%	16,527
United of Omaha	A1/AA-/NR	07/31/2020	2.42%	11,101

Security Description	Credit Rating Moody's/S&P/ Fitch	Maturity	Crediting	Total Assets (in thousands)			
United of Omaha	A1/AA-/NR	01/31/2022	14,159				
United of Omaha	A1/AA-/NR	03/30/2020	2.00%	4,263			
United of Omaha	A1/AA-/NR	07/29/2022	3.00%	13,249			
United of Omaha	A1/AA-/NR	06/30/2022	2.70%	5,389			
	GI	Cs					
United of Omaha	A1/AA-/NR	02/28/2023	2.57%	14,086			
United of Omaha	A1/AA-/NR	02/28/2023	2.72%	12,157			
United of Omaha	A1/AA-/NR	01/31/2024	3.40%	19,495			
United of Omaha	A1/AA-/NR	03/31/2023	3.41%	10,540			
United of Omaha	A1/AA-/NR	01/31/2023	2.13%	10,063			
Total GICs				\$1,344,826			
Book Value Wrap Provid	lers for Actively Mar	naged and Buy	& Hold Po	rtfolios			
Transamerica Life	A1/AA-/AA	N/A	2.75%	419,085			
Metropolitan Life	Aa3/AA-/AA-	N/A	3.39%	621,407			
Metropolitan Life	Aa3/AA-/AA-	N/A	3.07%	456,559			
American General Life	A2/A+/A+	N/A	2.26%	649,048			
Voya Retirement	A2/A/A	N/A	2.38%	1,034,741			
Prudential	A2/AA-/A+	N/A	2.67%	670,476			
Nationwide Life	A1/A+/NR	N/A	2.63%	600,178			
Sub-Total				\$4,451,494			
Total 457, 401(k), NYCE	IRA, and 401(a) B	alance		\$6,449,312			

#### **Bond Index Fund**

The investment objective of the Bond Index Fund is to replicate the total return of the broad fixed income market while providing capital preservation and income. An allocation to this passively managed fund may be beneficial as a part of a balanced portfolio to hedge against the significantly higher risk (as measured by standard deviation) of equities. The fund seeks to replicate the performance of the Bloomberg Barclays US Aggregate Index. The Bond Fund provides a diversified portfolio of bonds from the government, government agency, corporate, and mortgage related sectors. While the Fund seeks to provide capital preservation and income, there may be periods of time when the return on the Bond Fund is negative. The Bond Index Fund is managed by BlackRock.

The top ten holdings of the Bond Index Fund are as follows:

#	Asset Long Description	Weight %
1	UNITED STATES TREASURY	40.2%
2	FEDERAL NATIONAL MORTGAGE ASSOCIATION	11.1%
3	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION II	7.5%
4	UNIFORM MBS	3.7%
5	FEDERAL HOME LOAN MORTGAGE CORP.	3.0%
6	FEDERAL HOME LOAN MORTGAGE CORP GOLD	2.1%
7	BANK OF AMERICA CORP.	0.5%
8	JPMORGAN CHASE & CO.	0.5%
9	AT&T	0.4%
10	WELLS FARGO & CO.	0.4%
	Total For Top Holdings	69.4%

#### **Equity Index Fund**

The Equity Index Fund is managed by BNY Mellon. It seeks to replicate the performance of the Standard & Poor's 500 Composite Stock Index ("S&P 500 Index") by investing in all 500 stocks listed in the S&P 500 Index in approximately the same proportions as they are represented in the S&P 500 Index. The Equity Index Fund offers participants exposure to the stocks of large- and midsized corporations through a passive investment vehicle. Over time, the S&P 500 Index is expected to provide total returns in excess of both inflation and fixed income funds. As with any investment in equities, substantial volatility (risk as measured by standard deviation) is expected.

The top ten holdings of the Equity Index Fund are as follows:

#	Asset Long Description	Weight %
1	APPLE	4.53%
2	MICROSOFT	4.44%
3	AMAZON.COM	2.84%
4	FACEBOOK CLASS A	1.82%
5	BERKSHIRE HATHAWAY 'B'	1.64%
6	JP MORGAN CHASE & CO.	1.62%
7	ALPHABETA	1.48%
8	ALPHABET 'C'	1.48%
9	JOHNSON & JOHNSON	1.42%
10	VISA 'A'	1.19%
	Total For Top Holdings	22.46%

## **Global Socially Responsible Index Fund**

The Global Socially Responsible Index Fund invests 100% of assets in the stocks of companies which display good corporate citizenship, while excluding companies that do not pass social and environmental screens. As with any investment in global stock markets, substantial volatility (risk as measured by standard deviation) in the unit value of this option will occur. The Global Socially Responsible Index Fund option is expected to generate total returns at a rate in excess of inflation over the long term. The Global Socially Responsible is managed by BlackRock.

The top ten holdings of the Global Socially Responsible Index Fund are as follows:

#	Asset Long Description	Weight %
1	MICROSOFT	8.74%
2	PROCTOR &GAMBLE	2.39%
3	TAIWAN SEMICON.MNFG.	2.08%
4	WALT DISNEY	2.00%
5	HOME DEPOT	1.83%
6	ROCHE HOLDING	1.74%
7	PEPSICO	1.47%
8	ADOBE (NAS)	1.22%
9	MCDONALDS	1.15%
10	AMGEN	1.11%
	Total For Top Holdings	23.73%

#### **Mid-Cap Equity Index Fund**

The Mid-Cap Equity Index Fund, managed by Rhumbline, invests in the stock of medium-sized companies. It seeks to replicate the performance of the Standard & Poor's 400. Over longer time periods, mid-cap equity funds are expected to provide substantial total returns above inflation, with substantial volatility (risk as measured by standard deviation).

The top ten holdings of the Mid-Cap Equity Index Fund are as follows:

#	Asset Long Description	Weight %
1	TELEDYNE TECHS.	0.69%
2	DOMINO'S PIZZA	0.65%
3	TYLER TECHNOLOGIES	0.64%
4	ALLEGHANY	0.63%
5	TERADYNE (XSC)	0.62%
6	WEST PHARM.SVS.	0.60%
7	MEDICAL PROPS.TRUST	0.60%
8	FAIR ISAAC	0.59%
9	TRIMBLE	0.56%
10	CAMDEN PROPERTY TST.	0.56%
	Total For Top Holdings	6.14%

#### **International Equity Fund**

The International Equity Fund invests in companies that are not domiciled in the United States. The Fund seeks to provide long-term growth of capital, with investments primarily made in middle- to large-capitalization stocks in developed and emerging countries. Due to a relatively low correlation between the foreign and domestic equity markets, the International Equity Fund can provide good diversification when combined with US equity funds. However, the Fund is subject to major volatility or risk (higher standard deviation) as this fund is invested across the developed and emerging world and each market has its own currency changes and stock market movements. The Fund managers include: Mondrian Investment Partners (Value), Baillie Gifford (Growth), CopperRock (Small Cap), and BNY Mellon (Index).

The top ten holdings of the International Equity Fund are as follows:

#	Asset Long Description	Weight %
1	ASML HOLDING	3.09%
2	ALIBABA GROUP HLDG.SPN.ADR 1:8	3.02%
3	TENCENT HOLDINGS ORD SHS	2.71%
4	FERRARI (MIL)	2.30%
5	AIA GROUP	1.86%
6	PING AN INSURANCE (GROUP) OF CHINA 'H'	1.85%
7	KERING	1.67%
8	M3	1.54%
9	MERCADOLIBRE	1.50%
10	INDITEX	1.49%
	Total For Top Holdings	21.04%

#### **Small-Cap Equity Fund**

The Small-Cap Equity Fund seeks long-term growth of capital by investing primarily in the common stocks of small companies which are believed to have good prospects for capital appreciation. The fund's management concentrates on companies that may offer accelerated earnings growth because of new management, new products, or structural changes in the economy. Small-cap stocks offer the opportunity for greater long-term capital appreciation. In the short-term, however, these stocks may display substantial volatility (risk as measured by standard deviation). The Small-Cap Equity Fund is comprised of the following managers: Dimensional Fund Advisors (Value), T. Rowe Price Associates, Inc. (Growth), Wellington Management Company, LLP (Core), and Rhumbline (Index).

The top ten holdings of the Small-Cap Equity Fund are as follows:

#	Asset Long Description	Weight %
I	ISHARES RUSSELL 2000 ETF	0.97%
2	BOOZ ALLEN HAMILTN.HLDG	0.61%
3	COSTAR	0.60%
4	BRIGHT HORIZONS FAMILY SOLUTIONS	0.57%
5	DEXCOM	0.56%
6	TWILIO "A"	0.55%
7	MSCI	0.55%
8	EXACT SCIS.	0.55%
9	TRANSUNION	0.5%
10	DOCUSIGN	0.50%
	Total For Top Holdings	5.97%

Complete holdings information for each fund manager is available to participants upon request.

#### **Self-Directed Brokerage Option**

The Self-Directed Brokerage (SDB) option allows participants with account balances of at least \$5,000 to invest in mutual funds, including no-load/no-transaction fee funds, which are outside of the Deferred Compensation Plan's investment fund line-up. 457 Plan and 401(k) participants can also invest in Exchange Traded Funds (EFTs) The SDB is for knowledgeable investors who acknowledge and understand the risks associated with many of the investments contained in the SDB option. The SDB is available through TD Ameritrade.

# Investment Summary Fair Value (in thousands)

Type of Investment		457 Plan	401(k) Plan	NYCE IRA	401(a) Plan
Stable Income Fund	12/31/19	\$ 4,517,135	\$ 982,855	\$ 161,701	\$ 2,473
Bond Index Fund	12/31/19	405,130	107,429	10,505	270
Equity Index Fund	12/31/19	5,635,446	629,735	68,901	11,227
Global Socially Responsible Index Fund	12/31/19	431,378	60,371	4,557	595
Mid-Cap Equity Index Fund	12/31/19	910,822	223,217	15,365	1,278
International Equity Fund	12/31/19	747,172	131,762	9,755	1,352
Small-Cap Equity Fund	12/31/19	2,847,900	320,386	26,181	6,748
Static Allocation Fund	12/31/19	219,030	72,418	17,247	140
2005 Fund <sup>1</sup>	12/31/19	-	-	-	-
2010 Fund	12/31/19	155,266	57,710	5,218	112
2015 Fund	12/31/19	593,258	142,934	10,379	689
2020 Fund	12/31/19	364,049	128,214	17,698	420
2025 Fund	12/31/19	851,337	243,175	15,502	962
2030 Fund	12/31/19	428,102	156,171	13,259	358
2035 Fund	12/31/19	351,472	130,440	8,334	397
2040 Fund	12/31/19	263,866	94,902	5,878	190
2045 Fund	12/31/19	332,815	113,747	6,657	365
2050 Fund	12/31/19	225,418	69,085	3,438	193
2055 Fund	12/31/19	174,913	51,178	3,280	17
Self-Directed Brokerage Option	12/31/19	35,654	5,942	-	-
		19,490,163	3,721,671	403,855	27,786

<sup>&</sup>lt;sup>1</sup>At close of the stock market on December 31, 2019, the 2005 Fund was valued and rolled into the Static Allocation Fund effective the next business day, January 2, 2020.

# Investment Management Fees and Administrative Fees (0.04%) for the 457, 401(k), 401(a) Plans, and NYCE IRA for 2019 (in thousands)

	Total Assets	Investment Management Fees	Administrative Fees (0.04%)	2019 Expense Ratio*	Total Investment Management and Administrative Fees
Stable Income Fund	\$ 6,449,312	\$ 15,183	\$ 2,509	0.28%	\$ 17,692
Bond Index Fund	1,074,779	344	393	0.07%	737
Equity Index Fund	8,113,229	308	2,910	0.04%	3,218
Global Socially Responsible Index Fund	496,901	351	174	0.12%	525
Mid-Cap Equity Index Fund	1,455,025	126	491	0.06%	617
International Equity Fund	2,071,705	5,608	737	0.34%	6,345
Small-Cap Equity Fund	3,507,126	12,438	1,354	0.43%	13,792
TIPS	433,802	298	163	0.11%	461
Total	23,601,879	34,656	8,731		43,387

<sup>\*</sup>The expense ratios are calculated by the Plan's investment consultant, Milliman.

# Performance Summary for One-, Three-, and Five- Year Periods Ended December 31, 2019

Core Fund Name Market Benchmark		Annualized Returns (Net of Fees)			
	1 YR	3 YR	5 YR		
Stable Income Fund* T-Bills Plus 1.5% Barclays 1-3 Year Govt. Lipper Inst. MM+1.5%	2.4%	2.1%	2.0%		
	3.6%	3.2%	2.6%		
	3.6%	1.9%	1.4%		
	3.3%	2.7%	2.3%		
Bond Index Fund BBGBARC US AGGREGATE TR CORRECT TO REFLECT PROPER UPPER AND LOWER CASE	8.7%	4.1%	3.0%		
	8.7%	4.0%	3.0%		
Equity Index Fund	31.7%	15.3%	11.7%		
S&P 500 Index	31.5%	15.3%	11.7%		
Global Socially Responsible Index Fund MSCI ACWI SRI (The Global Socially Responsible Index Fund benchmark from 4/2007 to 1/2016 was the MSCI World.)	28.7%	14.5%	7.0%		
	29.2%	14.8%	10.0%		
Mid-Cap Equity Index Fund	26.1%	9.2%	9.0%		
S&P 400 MidCap	26.2%	9.3%	9.0%		
International Equity Fund MSCI ACWI ex-US	26.0%	12.8%	7.3%		
	21.5%	9.9%	5.5%		
Small-Cap Equity Fund Russell 2000	29.8%	12.5%	10.5%		
	25.5%	8.6%	8.2%		

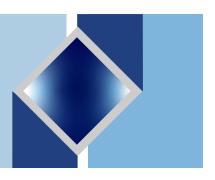
\*The Stable Income Fund's 2019 performance lagged behind its benchmark by 1.2%, which sharply increased at the end of the year due to the Federal Reserve's interest rate cuts. The abrupt change in interest rates experienced at the end of 2019 stood in contrast to the crediting rate of the Stable Income Fund that gradually adjusts to the overall level of interest rates.

Returns are presented net of fees and time-weighted and are calculated by the Plan's investment consultant, Milliman.

Note:

Past investment returns are no guarantee of future returns and should not be relied upon as a sole source for investment decision-making.

# Statistical Section



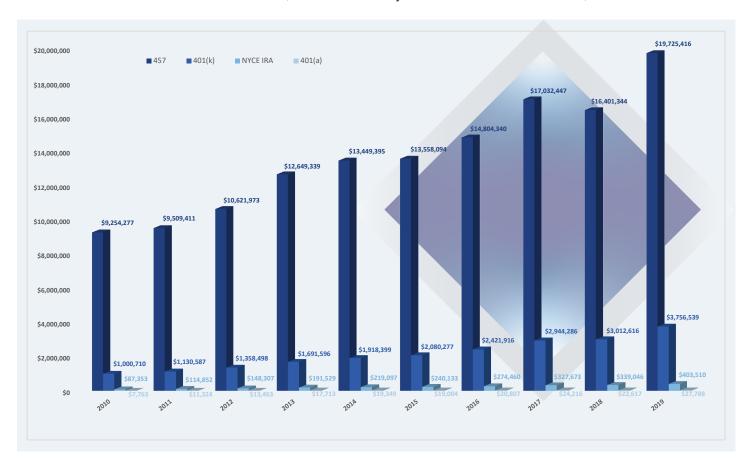
#### **Financial Trend Information**

The 457 and 401(k) Plans are defined contribution plans of The City of New York (the "City") and Related Agencies and Instrumentalities. The NYCE IRA is a deemed IRA under section 408(q) of the Code. The 401(a) Plan is a defined contribution plan that is qualified under section 401(a) of the Code and is a governmental plan under section 414(d) of the Code.

The financial trend information below illustrates how the Plan's financial position has changed over the past ten years.

## Plan Net Position 2010 to 2019 (in thousands)

In 2019, the thirty-third year of the 457, the eighteenth year of the 401(k), the fourteenth year of the NYCE IRA, and the thirteenth year of the 401(a), the Deferred Compensation Plan's combined Plan Net Position exceeded \$23.9 billion. The combined Plans Net Position at December 31, 2019 increased by \$4.2 billion from December 31, 2018.



# **Financial Trend Information (continued)**

Additions to (Deductions from) Assets by type (in thousands) from 2010 to 2019										
Year Ended				Stable Value Income	Net Gains (losses) on Variable Investments			Total		
				457 P	lan					
2010	\$	565,659	\$	146,009	\$	781,217	\$	1,492,885		
2011	\$	547,752	\$	135,168	\$	(44,608)	\$	638,312		
2012	\$	539,583	\$	127,621	\$	831,523	\$	1,498,727		
2013	\$	532,228	\$	110,728	\$	1,842,660	\$	2,485,616		
2014	\$	544,344	\$	95,492	\$	680,362	\$	1,320,198		
2015	\$	621,074	\$	91,950	\$	(79,627)	\$	633,397		
2016	\$	629,214	\$	97,074	\$	1,053,710	\$	1,779,998		
2017	\$	695,841	\$	100,145	\$	2,017,938	\$	2,813,924		
2018	\$	709,574	\$	113,504	\$	(814,243)	\$	8,835		
2019	\$	736,760	\$	134,749	\$	3,162,084		4,033,593		
	Ė		Ė	401(k)	_		Ė			
2010	\$	150,899	\$	15,139	\$	73,617	\$	239,655		
2011	\$	151,910	\$	15,728	\$	(7,321)	\$	160,317		
2012	\$	156,467	\$	16,198	\$	91,612	\$	264,277		
2013	\$	166,225	\$	14,761	\$	202,393	\$	383,379		
2014	\$	196,968	\$	13,526	\$	79,992	\$	290,486		
2015	\$	226,691	\$	13,888	\$	(13,133)	\$	227,446		
2016	\$	255,744	\$	16,056	\$	146,785	\$	418,585		
2017	\$	283,515	\$	17,837	\$	311,972	\$	613,324		
2018	\$	302,518	\$	21,608	\$	(149,560)	\$	174,566		
2019	Ė	316,589	\$	27,535	_	523,635		867,759		
				NYCE						
2010	\$	36,268	\$	1,794	\$	3,656	\$	41,718		
2011	\$	30,814	\$	2,298	\$	(484)	\$	32,628		
2012	\$	31,212	\$	2,612	\$	5,905	\$	39,729		
2013	\$	35,278	\$	2,570	\$	13,663	\$	51,511		
2014	\$	30,219	\$	2,345	\$	6,402	\$	38,966		
2015	\$	31,005	\$	2,361	\$	(1,113)	\$	32,253		
2016	\$	33,984	\$	2,617		12,350	\$	48,951		
2017	\$	39,860	\$	2,858	\$	27,141	\$	69,859		
2018	\$	36,698	\$	3,402	\$	(12,777)	\$	27,323		
2019	\$	37,415	\$	4,247	\$	46,248	\$	87,910		
				401(a)	Pla	n				
2010	\$	537	\$	39	\$	982	\$	1,558		
2011	\$	3,619	\$	40	\$	(39)	\$	3,620		
2012	\$	762	\$	54	\$	1,502	\$	2,318		
2013	\$	745	\$	51	\$	3,655	\$	4,451		
2014	\$	715	\$	44	\$	1,294	\$	2,053		
2015	\$	24	\$	45	\$	(138)	\$	(69)		
2016	\$	23	\$	47	\$	2,040	\$	2,110		
2017	\$	23	\$	48	\$	3,676	\$	3,747		
2018	\$	23	\$	56	\$	(1,378)	\$	(1,299)		
2019	\$	23	\$	66	\$	5,657		5,746		
(A) Contributions include contribution from participants, rollovers, less										

custodial fees.

Deductions from Assets by Type (in thousands) from 2010 to 2019											
Year Ended		Distributions		Total							
457 Plan											
2010	\$	308,620	\$	11,730	\$	320,350					
2011	\$	371,806	\$	11,372	\$	383,178					
2012	\$	374,310	\$	11,855	\$	386,165					
2013	\$	446,213	\$	12,037	\$	458,250					
2014	\$	508,158	\$	11,984	\$	520,142					
2015	\$	512,324	\$	12,374	\$	524,698					
2016	\$	521,331	\$	12,421	\$	533,752					
2017	\$	573,108	\$	12,709	\$	585,817					
2018	\$	625,702	\$	14,236	\$	639,938					
2019	\$	694,220	\$	15,301	\$	709,521					
			4(	01(k) Plan							
2010	\$	22,265	\$	917	\$	23,182					
2011	\$	29,255	\$	1,185	\$	30,440					
2012	\$	35,047	\$	1,319	\$	36,366					
2013	\$	48,860	\$	1,421	\$	50,281					
2014	\$	62,163	\$	1,520	\$	63,683					
2015	\$	63,961	\$	1,607	\$	65,568					
2016	\$	74,958	\$	1,988	\$	76,946					
2017	\$	89,181	\$	1,773	\$	90,954					
2018	\$	104,001	\$	2,235	\$	106,236					
2019	\$	121,529	\$	2,307	\$	123,836					
NYCE IRA											
2010	\$	5,699	\$	50	\$	5,749					
2011	\$	5,041	\$	88	\$	5,129					
2012	\$	6,166	\$	108	\$	6,274					
2013	\$	8,168	\$	121	\$	8,289					
2014	\$	11,268	\$	130	\$	11,398					
2015	\$	11,068	\$	149	\$	11,217					
2016	\$	14,439	\$	185	\$	14,624					
2017	\$	16,483	\$	163	\$	16,646					
2018	\$	15,741	\$	209	\$	15,950					
2019	\$	23,232	\$	214	\$	23,446					
			40	01(a) Plan							
2010	\$	14	\$	2	\$	16					
2011	\$	58	\$	1	\$	59					
2012	\$	178	\$	1	\$	179					
2013	\$	200	\$	1	\$	201					
2014	\$	417	\$	3	\$	420					
2015	\$	271	\$	2	\$	273					
2016	\$	304	\$	3	\$	307					
2017	\$	331	\$	7	\$	338					
2018	\$	296	\$	4	\$	300					
2019	\$	568	\$	7	\$	575					

Changes in Plan Net Position (in thousands) from 2010 to 2019												
Year Ended		457 Plan Totals		401(k) Plan Totals		NYCE IRA Totals		401(a) Plan Totals				
2010	\$	1,172,535	\$	216,473	\$	35,969	\$	1,542				
2011	\$	255,134	\$	129,877	\$	27,499	\$	3,561				
2012	\$	1,112,562	\$	227,911	\$	33,455	\$	2,139				
2013	\$	2,027,366	\$	333,098	\$	43,222	\$	4,250				
2014	\$	800,056	\$	226,803	\$	27,568	\$	1,633				
2015	\$	108,699	\$	161,878	\$	21,036	\$	(342)				
2016	\$	1,246,246	\$	341,639	\$	34,327	\$	1,803				

522,370 \$

68,330 \$

743,923

53,213 \$

11,373 \$

64,464

3,409

5,171

(1,599)

# **Demographic Information**

2,228,107 \$

(631,103) \$

3,324,072

2017

2018

2019

\$

\$

The employers participating in the Plans include The City of New York, the Department of Education, NYC Health + Hospitals, the community colleges of the City University of New York (the 401(k) Plan only), the New York City Housing Authority, the New York City School Construction Authority and the New York City Municipal Water Finance Authority.

The participant information below includes active employees and employees who have severed employment with the City.

# **Employee Participation and Deferral Trends**

Year Ended	Number of Partici- pants(A)	Average Annual Deferral Per Participant (in thousands) (A)			otal Annual Deferrals thousands)	Plan Net Position (in thousands)		
			457 F	Plan				
2010	117,785	\$	5	\$	564,744	\$	9,254,277	
2011	117,682	\$	5	\$	548,341	\$	9,509,411	
2012	118,870	\$	5	\$	540,289	\$	10,621,973	
2013	120,770	\$	4	\$	533,030	\$	12,649,339	
2014	123,807	\$	7	\$	545,251	\$	13,449,395	
2015	129,349	\$	9	\$	622,019	\$	13,558,094	
2016	134,877	\$	9	\$	630,183	\$	14,804,340	
2017	141,179	\$	7	\$	697,028	\$	17,032,447	
2018	146,660	\$	7	\$	710,703	\$	16,401,344	
2019	150,675	\$	7	\$	737,934	\$	19,725,416	
			401(k)					
2010	29,861	\$	5	\$	149,558	\$	1,000,710	
2011	31,519	\$	5	\$	151,979	\$	1,130,587	
2012	33,158	\$	5	\$	156,556	\$	1,358,498	
2013	35,216	\$	5	\$	166,331	\$	1,691,596	
2014	38,086	\$	9	\$	197,072	\$	1,918,399	
2015	41,786	\$	9	\$	226,803	\$	2,080,277	
2016	45,749	\$	9	\$	255,873	\$	2,421,916	
2017	50,080	\$	6	\$	283,719	\$	2,944,286	
2018	54,288	\$	6	\$	302,721	\$	3,012,616	
2019	58,103	\$	6		316,746	\$	3,756,539	
			NYCE	_				
2010	2,121	\$	N/A	\$	36,162	\$	87,353	
2011	2,537	\$	N/A	\$	30,820	\$	114,852	
2012	2,951	\$ N/A		\$	31,222	\$	148,307	
2013	3,302	\$ N/A		\$	35,290	\$	191,529	
2014	3,676	\$	N/A	\$	30,231	\$	219,097	
2015	4,009	\$	N/A	\$	31,018	\$	240,133	
2016	4,291	\$	N/A	\$	33,999	\$	274,460	
2017	4,558	\$	N/A	\$	39,883	\$	327,673	
2018	4,883	\$	N/A	\$	36,721	\$	339,046	
2019	5,116	\$	N/A	L	37,433	\$	403,510	
			401(a)					
2010	2,026	\$	N/A	\$	525	\$	7,763	
2011	2,780	\$	N/A	\$	3,619	\$	11,324	
2012	2,871	\$	N/A	\$	762	\$	13,463	
2013	3,022	\$	N/A	\$	745	\$	17,713	
2014	3,162	\$	N/A	\$	715	\$	19,346	
2015	3,134	\$	N/A	\$	24	\$	19,004	
2016	3,097	\$	N/A	\$	23	\$	20,807	
2017	3,060	\$	N/A	\$	23	\$	24,216	
2018	3,028	\$	N/A	\$	23	\$	22,617	
2019	3,011	\$	N/A	\$	23	\$	27,788	
(A)	Information	prov	ded by the Pla	ans' r	ecordkeeper, F	AS	Core, LLC	



# Summary of Administrative Revenues and Expenses from 2010 to 2019

Year	Plan	Revenues (1)		Salaries	Communication Expenses	Advisory and Auditing Fees	Rent & Reimbursement to the City for Overhead	Administrative Support	Recordkeeping/ Loan Fees (2)	Custodian Fees	Total Expenses
	457	\$16,473		\$988	1,832	552	515	2,193	5,650	581	\$12,311
2010	401(k)	\$1,630		\$102	74	56	55	125	505	62	\$979
20	NYCE IRA	\$85		\$8	6	2	4	6	24	5	\$55
	401(a)	\$2		-	-	-	-	-	2	-	\$2
	457	\$12,829		\$978	1,906	459	529	1,863	5,637	635	\$12,007
2011	401(k)	\$1,395		\$111	223	53	61	193	544	74	\$1,259
20	NYCE IRA	\$78		\$11	23	3	6	13	32	7	\$95
	401(a)	\$1		-	-	-	-	-	1	-	\$1
	457	\$11,939		\$1,007	1,664	515	503	2,414	5,752	706	\$12,561
2	401(k)	\$1,363		\$125	211	65	63	288	567	89	\$1,408
2012	NYCE IRA	\$77		\$14	23	7	7	19	38	10	\$118
	401(a)	\$2		-	-	-	-	-	1	-	\$1
	457	\$12,729		\$1,014	1,629	673	513	2,433	5,775	802	\$12,839
က	401(k)	\$1,473	တ	\$133	217	89	68	305	609	106	\$1,527
2013	NYCE IRA	\$103	ш	\$15	23	10	6	24	43	12	\$133
	401(a)	\$2	ဟ	-	-	-	-	-	1	-	\$1
	457	\$13,306	z	\$873	1675	513	540	2,556	5,827	907	\$12,891
4	401(k)	\$1,613	ш	\$125	238	76	77	345	659	104	\$1,624
2014	NYCE IRA	\$123	_	\$14	27	9	9	23	48	12	\$142
	401(a)	\$3	×	-	-	-	-	-	3	-	\$3
	457	\$13,713	ш	\$1,029	1,636	695	599	2,666	5,749	945	\$13,319
22	401(k)	\$13,713		\$1,029	248	104	76	332	691	112	\$1,719
2015	NYCE IRA	\$1,720		\$18	28	12	10	31	50	13	\$162
	401(a)	\$4		-	-	-	-	-	2	-	\$2
	457	¢44.074		<b>COO</b> 4	4 000	004	500	0.777	E 004	000	£40.000
(0	457 401(k)	\$14,071 \$1,893		\$924 \$150	1,902 264	631 88	586 85	2,777 393	5,601 1,008	969 129	\$13,390 \$2,117
2016	NYCE IRA	\$1,093		\$130	30	10	10	34	84	15	\$200
	401(a)	\$4		Ψ17 -	-	-	-	-	3	-	\$3
	457	\$15,364		\$970	1,874	406	586	2,769	6,104	1,187	\$13,896
2017	401(k)	\$2,184		\$156	319	64	87	395	752	204	\$1,977
7	NYCE IRA	\$175		\$18	36	6	12	38	53	23	\$186
	401(a)	\$4		-	-	-	-	-	7	-	\$7
	457	\$16,778		\$990	2,263	675	595	3,240	6,473	1,129	\$15,365
2018	401(k)	\$2,544		\$178	428	119	99	562	849	203	\$2,438
20	NYCE IRA	\$210		\$20	48	13	12	55	61	23	\$232
	401(a)	\$5		-	-	-	-	-	4	-	\$4
	457	\$17,300		\$1,031	2,221	599	537	4,182	6,731	1,174	16,475
6	401(k)	\$2,688		\$192	413	87	96	709	810	157	2,464
2019	NYCE IRA	\$190		\$21	47	9	12	71	54	18	232
	401(a)	\$5		-	-	-	-	-	7	-	7
		+ 5									

# . Revenues include:

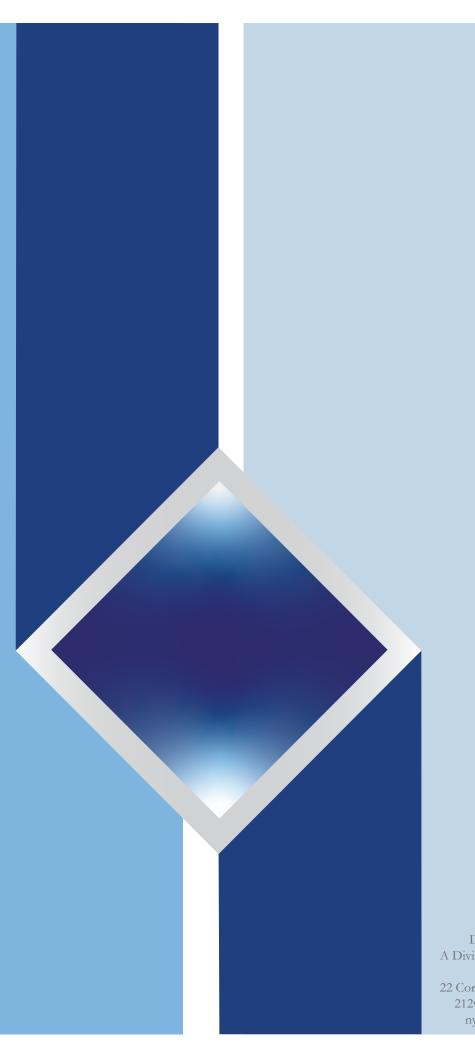
- (a) the annual administrative fees collected from participants;
- (b) interest earned on assets held in the Plans' custodial account;
- (c) amounts deducted from the net asset values;
- (d) securities lending (2009 through 2010) and commission recapture (2009 through 2011); and
- (e) loan origination and maintenance fees charged to participants who requested a loan during the year and have an outstanding balance.

# 2. Administrative fees:

\$50.00 from 1/1/08-12/31/08; \$57.50 from 1/1/09-12/31/09; \$80.00 from 1/1/10-12/31/10 and \$60.00 from 1/1/11-12/31/19.

The Summary of Administrative Revenues and Expenses is presented on the accrual basis of accounting. This page intentionally left blank.

CAFR Layout and Design - Xiomara Atkinson



Bill de Blasio, Mayor The City of New York

Renee Campion, Commissioner Office of Labor Relations



The City of New York
Deferred Compensation Plan/NYCE IRA
A Division of the Mayor's Office of Labor Relations'
Employee Benefits Program
22 Cortlandt Street, 28th Floor, New York, NY 10007
212•306•7760, 888•DCP•3113, 888•IRA•NYCE
nyc.gov/deferredcomp nyc.gov/nyceira