FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED
JUNE 30, 2022 AND 2021

SUPPLEMENTAL INFORMATION AND INDEPENDENT AUDITOR'S REPORT

Financial Statements and Supplemental Information As of and for the Years Ended June 30, 2022 and 2021

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INDEPENDENT AUDITOR'S REPORT

To the Retirement Plan Committee of the Retirement Plan for New Jersey Transit Bus Operations, Inc. Utility Workers Union of America Employees:

Opinion

We have audited the accompanying statements of fiduciary net position of the Retirement Plan for New Jersey Transit Bus Operations, Inc. Utility Workers Union of America Employees (the "Plan") as of June 30, 2022 and 2021, and the related statements of changes in fiduciary net position for the years then ended, and the related notes to the financial statements, which collectively comprise the Plan's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position as of June 30, 2022 and 2021, and the respective changes in fiduciary net position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management 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, and for 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.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Auditor's Responsibility for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud
 or error, and design and perform audit procedures responsive to those risks. Such procedures include
 examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit 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 Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that
 raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period
 of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

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Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis on pages 3 through 6; Schedule of Changes in the Net Pension Liability on page 22; Schedule of Contributions on page 23; and Schedule of Investment Returns on page 24 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.

June 30, 2023

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

The following overview of the financial activity of the Retirement Plan for New Jersey Transit Bus Operations, Inc. for Utility Workers Union of America Employees (the Plan) is intended to provide the reader with the analysis of the Plan's overall financial position for the fiscal years ended June 30, 2022 and 2021. This Management's Discussion and Analysis should be read in conjunction with the basic financial statements of the Plan, which follow.

Financial Highlights

2022-2021

- The fiduciary net position was \$6,493,965 as of June 30, 2022. This amount reflected a decrease of \$1,389,006 from the prior fiscal year.
- Additions for the year resulted to a negative \$665,000 and were comprised of net investment loss of \$1,017,766 and employer and employee contributions of \$352,766.
- Deductions for the year totaled \$724,006 and were comprised of benefit payments of \$697,434 and actuarial and professional fees of \$26,572.

2021-2020

- The fiduciary net position was \$7,882,971 as of June 30, 2021. This amount reflected an increase of \$1,490,581 from the prior fiscal year.
- Additions for the year totaled \$2,260,476 and were comprised of investment income of \$1,986,726 and employee and employer contributions of \$273,750.
- Deductions for the year totaled \$769,895 and were comprised of benefit payments of \$727,742 and actuarial and professional fees of \$42,153.

Overview of the Financial Statements

This annual report consists of two financial statements: *The Statements of Fiduciary Net Position* and *The Statements of Changes in Fiduciary Net Position*. The financial statements were prepared using the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized in the period they are earned, and expenses are recorded in the year they are incurred, regardless of when cash is received or paid.

The Statements of Fiduciary Net Position show the balances in all the assets and liabilities of the Plan at the end of the fiscal year. The difference between assets and liabilities represents the Plan's fiduciary net position available for benefits. Over time, increases or decreases in the Plan's fiduciary net position may serve as a useful indicator of the Plan's financial position.

The Statements of Changes in Fiduciary Net Position show the results of the financial operations for the year. The statements provide an explanation for the changes in the Plan's fiduciary net position since the prior year.

The Notes to the financial statements are an integral part of the financial statements and provide additional information that is essential to a full understanding of the data provided in the financial statements.

Required Supplementary Information, as required by the Governmental Accounting Standards Board (GASB), includes the Schedule of Changes in Net Pension Liability, Schedule of Contributions, and Schedule of Investment Returns for the last ten fiscal years.

Financial Analysis

2022-2021

Summary of Fiduciary Net Position

	2022	2021	\$ Increase/ (Decrease)	% Increase/ (Decrease)
Assets:				
Investments	\$6,555,485	\$7,958,622	(\$1,403,137)	(17.6)
Receivables	<u>18,412</u>	<u>17,128</u>	1,284	7.5
Total Assets	6,573,897	7,975,750	(1,401,853)	(17.6)
Liabilities:				
Payables	79,932	92,779	(12,847)	(13.8)
Total Liabilities	79,932	92,779	(12,847)	(13.8)
Fiduciary Net Position	<u>\$6,493,965</u>	<u>\$7,882,971</u>	<u>(\$1,389,006)</u>	(17.6)

Assets of the Plan consist primarily of investments and accrued interest and dividends. Total assets were \$6,573,897 as of June 30, 2022, a decrease of \$1,401,853, or 17.6 percent, from the prior fiscal year. This decrease was due to the decrease in investments of \$1,403,137, or 17.6 percent, and an increase in receivables of \$1,284 or 7.5 percent. Receivables increased due to the timing of payments received in the trust account.

Liabilities of the Plan are comprised of accrued professional fees and expenses and payables for investments purchased. Between fiscal years 2022 and 2021, total liabilities decreased by \$12,847, or 13.8 percent, due to the timing of securities purchased.

Fiduciary net position decreased by \$1,389,006 or 17.6 percent.

2021-2020

Summary of Fiduciary Net Position

	2021	2020	\$ Increase	% Increase
Assets:				
Investments	\$7,958,622	\$6,466,008	\$1,492,614	23.1
Receivables	<u>17,128</u>	14,369	2,759	19.2
Total Assets	7,975,750	6,480,377	1,495,373	23.1
Liabilities:				
Payables	92,779	87,987	4,792	5.4
Total Liabilities	92,779	87,987	4,792	5.4
Fiduciary Net Position	<u>\$7,882,971</u>	<u>\$6,392,390</u>	<u>\$1,490,581</u>	23.3

Assets of the Plan consist primarily of investments and accrued interest and dividends. Total assets were \$7,975,750 as of June 30, 2021, an increase of \$1,495,373, or 23.1 percent, from the prior fiscal year. This increase was due to an increase in fair value of investments of \$1,492,614, or 23.1 percent, and an increase in receivables of \$2,759 or 19.2 percent. Receivables increased as a result of the timing of the payments received in the trust account.

Liabilities of the Plan are comprised of accrued professional expenses and net payable for investments purchased. Between fiscal years 2021 and 2020, total liabilities increased by \$4,792, or 5.4 percent. This was primarily attributable to an increase in the net payable as a result of the timing of securities purchased.

Fiduciary net position increased by \$1,490,581, or 23.3 percent.

Summary of Changes in Fiduciary Net Position

	2022	2021	\$ Increase/ (Decrease)	% Increase/ (Decrease)
Additions:				
Investment (loss)/income	(\$1,017,766)	\$1,986,726	(\$3,004,492)	(151.2)
Contributions	<u>352,766</u>	273,750	79,016	28.9
Total Additions	(665,000)	2,260,476	(2,925,476)	(129.4)
Deductions:				
Benefits	697,434	727,742	(30,308)	(4.2)
Actuarial and professional fees	26,572	42,153	(15,581)	(37.0)
Total Deductions	724,006	<u>769,895</u>	(45,889)	(6.0)
Net (Decrease)/Increase	<u>(\$1,389,006)</u>	<u>\$1,490,581</u>	<u>(\$2,879,587)</u>	(193.2)

Additions consist of investment income and losses from investment activities, and employer and employee contributions. Investment income decreased by \$3,004,492, or 151.2 percent, due to the depreciation in value of the Plan's investments compared to fiscal year 2021. Total contributions increased by \$79,016, or 28.9 percent, due to changes in the Plan's actuarial assumptions.

Deductions include benefit payments and actuarial and professional fees. Total benefit payments to retirees and beneficiaries decreased by \$30,308, or 4.2 percent, due to a decrease in the number of retirees receiving retirement benefits. Actuarial and professional fees decreased by \$15,581 or 37.0 percent. During fiscal year 2022, investment income (loss) was presented net of investment fees of \$15,044, while investment fees of \$15,603 in fiscal year 2021 was included in actuarial and professional fees.

2021-2020 Summary of Changes in Fiduciary Net Position

	2021	2020	\$ Increase/ (Decrease)	% Increase/ (Decrease)
Additions:				
Investment income	\$1,986,726	\$312,992	\$1,673,734	534.8
Contributions	273,750	<u>245,035</u>	28,715	11.7
Total Additions	2,260,476	558,027	1,702,449	305.1
Deductions:				
Benefits	727,742	729,903	(2,161)	(0.3)
Actuarial and professional fees	42,153	38,704	3,449	8.9
Total Deductions	769,895	768,607	1,288	0.2
Net Increase/(Decrease)	<u>\$1,490,581</u>	<u>(\$210,580)</u>	<u>\$1,701,161</u>	807.8

Additions consist of investment earnings from investment activities and participants and employer's contributions. Investment income increased by \$1,673,734, or 534.8 percent, as a result of an increase in investment income from 2020 to 2021. Total contributions increased by \$28,715, or 11.7 percent, caused by the change in the Plan's actuarial assumptions.

Deductions include benefit payments and actuarial and professional fees. Total benefit payments to retirees and beneficiaries decreased by \$2,161, or 0.3 percent, due to a decrease in the number of retirees receiving retirement benefits. Actuarial and administrative expenses increased by \$3,449 or 8.9 percent primarily due to increase in contracted trustee fees.

Overall Financial Condition of the Plan

The Plan follows GASB Statement No. 67, *Financial Reporting for Pension Plans*, an amendment of GASB Statement No. 25 (GASB No. 67). Based on the actuarial valuation dated July 1, 2022, the ratio of the Plan's fiduciary net position as a percentage of the total pension liability was 76.82%, and the net pension liability as a percentage of covered payroll was 473.33%.

Economic Factor - Market Overview

In fiscal year 2022, New Jersey Transit Corporation (NJ TRANSIT) continued to navigate a road to recovery from the adverse effects of the COVID-19 pandemic on ridership and farebox revenue. There were marked improvements to farebox revenue totaling 54% of pre-pandemic levels compared to 30% in fiscal year 2021. NJ TRANSIT expects farebox revenue to continue to recover over the coming years.

To help offset operating expenses and increasing costs, NJ TRANSIT management petitioned New Jersey's Congressional Delegation for Federal assistance on March 19, 2020. During fiscal year 2022, NJ TRANSIT was awarded \$1.1 billion funding from Coronavirus Response and Relief Supplemental Appropriations Act of 2021 (CRRSAA) and \$1.6 billion from American Rescue Plan Act (ARPA), in addition to the Coronavirus Aid, Relief and Economic Security (CARES) Act and CRRSAA grants from 2020 and 2021. As of June 30, 2022, NJ TRANSIT had the remaining balance of \$2.0 billion from CRRSAA and ARPA grants, which will fund future operating losses.

Management has determined future liquidity projections are sufficient to meet operating, capital, and debt service requirements for at least a period of twelve (12) months for June 30, 2022.

Contacting the Plan's Financial Management

The financial report is designed to provide our members, beneficiaries, and other interested parties with a general overview of the Plan's finances and to show the Plan's accountability for the money it receives. If you have any questions about this report or need additional financial information, contact New Jersey Transit Corporation, SVP, Chief Financial Officer and Treasurer, One Penn Plaza East, Newark, New Jersey 07105-2246.

STATEMENTS OF FIDUCIARY NET POSITION

	As of June 30,	
	2022	<u>2021</u>
Assets: Beneficial Interest in NJ TRANSIT's Master Trust at Fair Value or NAV	\$6,555,485	\$7,958,622
Receivables: Dividend and Interest Income Employee Contributions Due from Other Plan Other	15,945 892 800 <u>775</u> 18,412	15,528 800 <u>800</u> 17,128
Total Assets	6,573,897	7,975,750
Liabilities:		
Accounts Payable and Accrued Expenses	79,932	92,779
Total Liabilities	79,932	92,779
Fiduciary Net Position: Net Position Restricted for Pensions	<u>\$6,493,965</u>	<u>\$7,882,971</u>

See notes to financial statements.

STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION

Years Ended June 30,

	<u>2022</u>	<u>2021</u>
Additions:		
Investment (Loss)/Income		
Net (Depreciation)/Appreciation in		
Fair Value of Investments	(\$1,149,882)	\$1,853,619
Interest and Dividend Income	147,160	133,107
Investment Fees	(15,044)	
	(1,017,766)	1,986,726
Contributions:		
Employer (Note 1-b)	340,995	261,758
Employees (Note 1-b)	<u>11,771</u>	11,992
	<u>352,766</u>	273,750
Total Additions	<u>(665,000)</u>	2,260,476
Deductions:		
Benefits Paid to Participants	697,434	727,742
Actuarial and Professional Fees	<u>26,572</u>	42,153
Total Deductions	<u>724,006</u>	<u>769,895</u>
Net (Decrease)/Increase	(1,389,006)	1,490,581
Fiduciary Net Position:		
Beginning of Year	<u>7,882,971</u>	6,392,390
End of Year	<u>\$6,493,965</u>	<u>\$7,882,971</u>

See notes to financial statements.

NOTES TO FINANCIAL STATEMENTS

1. DESCRIPTION OF PLAN

The following brief description of the Retirement Plan for New Jersey Transit Bus Operations, Inc. Utility Workers Union of America Employees (the Plan) is provided for general information purposes only. More complete information concerning the Plan and its provisions is provided in the Plan document.

- a) General The Plan, established on May 8, 1972, is a defined benefit retirement plan. Because New Jersey Transit Bus Operations, Inc. (the Company or New Jersey Transit) is an instrumentality of the State of New Jersey, the Plan is exempt from many requirements of the Internal Revenue Code and the Employee Retirement Income Security Act of 1974 (ERISA). Generally, all permanent employees who are covered under collective bargaining agreements between New Jersey Transit and the Utility Workers' Union of America Employees, become participants of the Plan when they are first employed or re-employed after a break in service. Effective July 28, 2007, the Plan was closed to all new employees hired on or after that date. New Jersey Transit offered a new 401(a) contribution plan, which provides participating employees with a 6% employer contribution on employee's gross salary. The Plan is maintained only for those employees who were members of this Plan prior to July 28, 2007. The Plan is administered by a Retirement Plan Committee, which consists of six persons, three appointed by New Jersey Transit, and three appointed by the Utility Workers' Union of America.
- b) <u>Contributions</u> The Company establishes contributions based on an actuarially determined rate recommended by an independent actuary. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by Plan participants during the year, with an additional amount to finance any unfunded accrued liability. The Company is required to contribute the difference between the actuarially determined rate and the contribution rate of Plan participants. The Company contributes monthly, one twelfth (1/12) of the annual amount determined by an actuarial valuation as necessary to maintain the Plan on a sound actuarial basis and to meet the minimum funding standards set forth in the ERISA. Effective June 16, 2007, the Plan became a contributory benefit plan. For each of the years ended June 30, 2022 and 2021, the average active member contribution rate was three percent (3%) of annual pay, and the Company's average contribution rate was 82.38 percent and 65.64 percent, respectively, of annual payroll.
- c) Pension Benefits The Plan provides retirement, death and disability benefits, with full vesting of the accrued benefits to a participant who terminates employment with ten (10) or more years of vesting service. A participant is credited with one year of vesting service for each calendar year in which he or she completes one thousand (1,000) hours of service or more. The standard form of pension payment to a retiring participant is a fifty percent (50%) actuarially equivalent reduced surviving spouse annuity unless the participant elects to have the benefits paid in some other form. For employees retiring on November 01, 2007 and thereafter, the retirement benefit rate increased from the previous 2.0% to 2.125% for each year of service multiplied by the average of the highest three years earnings in the last ten years of service. Participants are always fully vested for their own contributions.
- d) Plan Participants As of July 1, 2022 and 2021, the participants of the Plan consisted of the following:

	2022	2021
Active participants	6	6
Inactive Plan participants or beneficiaries currently receiving benefits	25	27
Inactive Plan participants entitled to but not yet receiving benefits	_2	_2
Total	33	35

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

- a) <u>Basis of Accounting</u> The accompanying financial statements of the Plan have been prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP) and adhere to the reporting requirements established by the Governmental Accounting Standards Board (GASB). The accrual basis of accounting is used for measuring financial position and changes in fiduciary net position of the Plan. Under this method, contributions are recorded in the accounting period in which they are legally due from the employer or Plan member, and deductions are recorded at the time the liabilities are due and payable in accordance with the terms of the Plan document.
- b) <u>Receivables</u> Receivables consist primarily of employer and employee contributions and other amounts that are legally required to be due to the Plan.
- c) <u>Valuation of Investments</u> The investments of the Plan, together with the investments of other plans of New Jersey Transit, are pooled for investment purposes in a Master Trust under an agreement dated May 1, 1998, between The Bank of New York, Trustee, and New Jersey Transit, the Plan Sponsor. Each participating plan shares in the income and changes in value (based on their respective asset value) and holds an undivided interest in master trust investment fund. The fair value of Master Trust investments is based on published market prices and quotations from major investment brokers at current exchange rates, as available, or net asset value (NAV), which is determined to be a practical expedient for measuring fair value. Many factors are considered in arriving at that value. Corporate debt securities are valued based on yields currently available on comparable securities of issuers with similar credit ratings.
- d) Transfers Between Plans New Jersey Transit Bus Operations, Inc. maintains more than one funded pension plan for its employees. When employees are transferred from a position in a group covered by one Plan to a position in a group covered by another Plan, all contributions paid by the Company on behalf of the employees and related accumulated benefits are transferred to the other Plan.
- e) <u>Income Taxes</u> The Plan is exempt from federal income taxes under the Internal Revenue Code, Section 115 and, accordingly, no provision is made for state and federal income taxes.
- f) <u>Administrative Expenses</u> Substantially all administrative expenses related to the Plan are paid by New Jersey Transit, exclusive of actuarial, trustee and investment manager's fees, which are paid by the Plan.
- g) <u>Estimates</u> The preparation of the Plan's financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Estimates include fair market value of investments, the actuarially determined contribution, total pension liability, and net pension liability.

3. INVESTMENTS

A summary statements of changes in fiduciary net position of the MTA at June 30, 2022 and 2021 are as follows:

	<u>2022</u>	<u>2021</u>
Additions:		
Investment Income		
Net (Depreciation)/Appreciation in		
Fair Value of Investments	(\$110,811,886)	\$165,235,687
Interest and Dividend Income	14,057,682	12,255,251
Investment Fees	(1,354,143)	
	(98,108,347)	177,490,938
Contributions:		
Employer (Note 1-b)	45,210,047	45,130,810
Employees (Note 1-b)	1,369,537	<u>1,347,616</u>
	46,579,584	46,478,426
Other Receipts	130,043	
Total Additions	_(51,398,720)	223,969,364
Deductions:		
Benefits Paid to Participants	60,474,174	58,132,697
Actuarial and Professional Fees	227,541	1,600,880
Total Deductions	60,701,715	59,733,577
Net (Decrease)/Increase	(112,100,435)	164,235,787
Fiduciary Net Position		
Beginning of Year	744,132,362	579,896,575
End of Year	\$632,031,927	\$744,132,362

A summary of investments at fair value held by the MTA at June 30, 2022 and 2021 are as follows:

	<u>2022</u>	<u>2021</u>
MTA Cash Account	\$12,498,516	\$23,195,600
Western Asset Management	153,816,448	165,087,709
Vanguard Int Gr	45,223,245	70,862,070
Vanguard Russell	136,145,146	171,122,974
LSV Asset Management	154,924,174	170,472,415
Credit Suisse	29,417,483	30,446,890
Dfa Itl Core Equity	20,883,169	25,291,248
Wellington Management Company	44,966,286	48,819,858
Rogge Global Partners	39,472,151	45,241,093
Total	<u>\$637,346,618</u>	\$750,539,857

<u>Deposit and Investment Risk Disclosures</u> - The MTA invests in various equity and fixed income securities.

Investments held by the MTA as of June 30, 2022 and 2021 are as follows:

	<u>2022</u>	<u>2021</u>
Short-term Investments*	\$23,528,972	\$48,314,255
Domestic Equities	356,744,597	436,961,856
Corporate Obligations	64,769,378	73,948,856
United States Treasury Notes	37,303,248	26,058,386
United States Treasury Bonds	6,617,933	7,278,494
Assets and Mortgage Backed Securities	55,872,299	53,309,022
Foreign Government Obligations	17,489,383	25,027,957
Mutual Funds and Other*	75,020,808	79,641,031
Total	<u>\$637,346,618</u>	<u>\$750,539,857</u>

^{*}Includes investments and commingled funds measured at NAV.

Custodial Credit Risk

For an investment, 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 an outside party. As of June 30, 2022 and 2021, the investment securities are not exposed to custodial credit risk as they are held in segregated trust accounts in the names of the plans with the custodians.

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of the Master Trust's fixed income securities. Generally, the value of the debt securities increases if interest rates fall and decreases if interest rates rise. The fixed income securities are limited to a term of 30 years, while the total portfolio's weighted average duration can generally not exceed 125% of the Barclays U.S. Aggregate Bond Index (formerly the Lehman Aggregate Corp. Bond Index).

The table below summarizes the MTA's exposure to interest rate risk by remaining term to maturity at June 30, 2022 and 2021:

June 30, 2022

	_		Maturity ir	Years	
Fixed Income Investment Type (In thousands)	<u>Fair Value</u>	Less Than 1	<u>1-5</u>	<u>6-10</u>	More Than 10
Short-term Investments	\$23,529	\$3,031	\$	\$	\$20,498
Corporate Obligations	64,770	4,092	28,857	23,773	8,048
United States Treasury Notes	37,303	3,262	26,355	7,686	
United States Treasury Bonds	6,618				6,618
Assets and Mortgage Backed					
Securities	55,872		286	2,757	52,829
Foreign Government Obligations	<u>17,489</u>	<u>821</u>	6,187	6,729	<u>3,752</u>
Total	<u>\$205,581</u>	<u>\$11,206</u>	<u>\$61,685</u>	<u>\$40,945</u>	<u>\$91,745</u>
June 30, 2021			Maturity i	n Years	
Fixed Income Investment Type (In thousands)	<u>Fair Value</u>	Less Than 1	<u>1-5</u>	<u>6-10</u>	More Than 10
Short-term Investments	\$48,314	\$48,314	\$	\$	\$
Corporate Obligations	73,949	3,663	35,156	26,306	8,824
United States Treasury Notes	26,058		16,753	9,305	
United States Treasury Bonds	7,279				7,279
Assets and Mortgage Backed					
Securities	53,309		163	5,108	48,038
Securities Foreign Government Obligations	53,309 25,028		163 <u>5,328</u> \$57,400	5,108 <u>13,572</u>	48,038 <u>6,128</u>

Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The credit risk of debt instruments is evaluated by nationally recognized rating agencies such as Moody's, Standard & Poor's, and Fitch. There are no restrictions in the amount that can be invested in United States treasury securities. The Plan's regulations require that the total amount of fixed income obligations that can be invested in bonds rated below BBB cannot exceed 25% of the total value of bonds and 5% of the total value of plan assets. In addition, the portfolio's weighted average credit quality should equal or exceed "A". As of June 30, 2022 and 2021, the Plan was in compliance with credit risk policy.

For securities exposed to credit risk in the fixed income portfolio, the following table discloses the aggregate fair value, by credit rating category at June 30, 2022 and 2021:

June 30, 2022

Fixed Income Investment Type	Fair <u>Value</u>	<u>AAA</u>	<u>AA</u>	<u>A</u>	BBB	<u>BB</u>	<u>B</u>	ccc	Not <u>Rated</u>
(In thousands)									
Short-term Investments	\$23,529	\$	\$	\$	\$	\$	\$	\$	\$23,529
Corporate Obligations	64,770	2,621	4,175	19,902	29,358	5,798	575		2,341
US Treasury Notes	37,303	31,797			11		1,112		4,383
US Treasury Bonds	6,618	4,805							1,813
Assets and Mortgage Backed Securities	55,872	2,899	955	1,542	2,814	993	577	607	45,485
Foreign Government Obligations Total	<u>17,489</u> <u>\$205,581</u>	4,823 \$46,945	<u>1,138</u> <u>\$6,268</u>	<u>538</u> <u>\$21,982</u>	2,778 \$34,961	1,517 \$8,308	<u></u> \$2,264	<u></u> <u>\$607</u>	6,695 \$84,246
June 30, 2021									
June 30, 2021 Fixed Income Investment Type	Fair <u>Value</u>	<u> AAA</u>	<u>AA</u>	<u>A</u>	<u>BBB</u>	<u>BB</u>	<u>B</u>	ccc	Not <u>Rated</u>
Fixed Income		<u> AAA</u>	<u>AA</u>	A	<u>BBB</u>	<u>BB</u>	<u>B</u>	ccc	
Fixed Income Investment Type		AAA \$	AA \$	A \$	<u>BBB</u> \$	<u>BB</u> \$	<u>B</u> \$	<u>ccc</u> \$	
Fixed Income Investment Type (In thousands) Short-term	<u>Value</u>		_		<u>—</u>	_			<u>Rated</u>
Fixed Income Investment Type (In thousands) Short-term Investments	Value \$48,314	\$	\$	\$	\$	\$	\$	\$	Rated \$48,314
Fixed Income Investment Type (In thousands) Short-term Investments Corporate Obligations	Value \$48,314 73,949	\$ 2,691	\$ 4,631	\$ 23,227	\$ 34,107	\$ 7,677	\$ 510	\$ 	Rated \$48,314 1,106
Fixed Income Investment Type (In thousands) Short-term Investments Corporate Obligations US Treasury Notes	Value \$48,314 73,949 26,058	\$ 2,691 13,838	\$ 4,631 	\$ 23,227	\$ 34,107	\$ 7,677 	\$ 510 968	\$ 	\$48,314 1,106 7,210

Concentration of Credit Risk

\$233,937

\$28,792

Total

Concentration of credit risk is the risk of loss attributed to the magnitude of the MTA's investment in a single issuer. As of June 30, 2022, and 2021, the Plan did not hold any investments in any one issuer that would represent five percent (5%) or more of total investments. Investments issued or explicitly guaranteed by the U.S. government and pooled investments are excluded from this regulation.

\$25,586

\$44,480

\$10,177

\$7,594

\$5,629

\$829

\$110,850

Fair Value Measurements

The MTA categorizes its fair value measurement within the fair value hierarchy established by generally accepted governmental standards. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

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

Common Stocks and Fixed Income Securities - Valued at the closing price reported on the active market on which the individual securities are traded.

Mutual Funds - Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-ended 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.

The MTA has the following recurring fair value measurements as of June 30, 2022 and 2021 (in thousands):

June 30, 2022

Investments at Fair Value	Total	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Short-term Investments	\$3,031	\$2,458	\$573	\$
Domestic Equities	356,745	356,745		
Corporate Obligations	64,770		64,770	
United States Treasury Notes	37,303	37,303		
United States Treasury Bonds	6,618	6,618		
Assets and Mortgage Backed Securities	55,872		55,872	
Foreign Government Obligations	17,489		17,489	
Mutual Funds and Other	30,070	30,070		
Total Investments at Fair Value	<u>\$571,898</u>	<u>\$433,194</u>	<u>\$138,704</u>	<u>\$</u>

Investments measured at NAV	<u>Fair</u>	Fair Value Estimated Using NAV per Share			
Commingled Small Cap Value Equity Fund (a) Short-term Investments measured at NAV	Fair Value 44,951 20,498	Unfunded Commitment \$ N/A	Observable Redemption <u>Frequency</u> Daily N/A	Redemption Notice <u>Period</u> None N/A	
Total Investments measured at NAV	65,449				
Total Investments	<u>\$637,347</u>				

June 30, 2021

Investments at Fair Value	Total	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
				
Short-term Investments	\$2,209	\$1,940	\$269	\$
Domestic Equities	436,962	436,962		
Corporate Obligations	73,949		73,949	
United States Treasury Notes	26,058	26,058		
United States Treasury Bonds	7,279	7,279		
Assets and Mortgage Backed Securities	53,309	1,693	51,616	
Foreign Government Obligations	25,028		25,028	
Mutual Funds and Other	30,828	30,828		
Total Investments at Fair Value	<u>\$655,622</u>	<u>\$504,760</u>	<u>\$150,862</u>	<u>\$</u>

Investments measured at NAV	<u>Fair</u>	r Value Estimated	d Using NAV per Share			
Commingled Small Cap Value Equity Fund (a) Short-term Investments measured at NAV	Fair <u>Value</u> 48,813 46,105	Unfunded Commitment \$ N/A	Observable Redemption <u>Frequency</u> Daily N/A	Redemption Notice <u>Period</u> None N/A		
Total Investments measured at NAV	94,918					
Total Investments	<u>\$750,540</u>					

(a) Commingled Small Cap Value Equity fund - Wellington Commingled CIF II Small Cap Value Equity fund seeks to provide long-term total return in excess of the Russell 2000 Value Index.

Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. The Master Trust fund invests in global markets. The market value of international equity invested in any one sector cannot exceed 30% and no more than 5% of the equity securities can be invested in the emerging market countries. In addition, the total amount of foreign-issued bonds cannot exceed 45% of total value of bonds. There are no restrictions to limit the investment in foreign exchange contracts for the purpose of hedging the international portfolio. The Master Trust held forward contract receivables totaling \$13,042,761 and \$24,384,973 and payables totaling \$12,939,833 and \$24,250,429 as of June 30, 2022 and 2021, respectively.

The Master Trust investments had the following currency exposure as of June 30, 2022 and 2021 (expressed in U.S. dollars):

Currency	<u>2022</u>	2021
(In thousands)		
Australian Dollar	\$610	\$746
British Pound Sterling	407	1,035
Canadian Dollar	433	624
Chinese R Yuan HK	(1,405)	(3,144)
Chinese Yuan Renminbi	2,979	4,545
Czech Koruna	(13)	
Danish Krone	52	59
Euro	3,791	4,842
Indonesian Rupiah	81	93
Israeli Shekel	27	29
Japanese Yen	2,286	2,718
Mexican Peso	49	41
New Zealand Dollar	29	32
Norwegian Krone	4	27
Polish Zloty	29	35
Russian Ruble	100	489
South Korean Won	232	237
Swedish Krona	75	118
Swiss Franc	103	107
Thailand Baht		88
Total	<u>\$9,869</u>	<u>\$12,721</u>

4. THE PLAN'S INTEREST IN THE MASTER TRUST ACCOUNT

At June 30, 2022 and 2021, the Plan's beneficial interest in the MTA was 1.0% of the total fair value of the MTA. For the years ended June 30, 2022 and 2021, the Plan's investments (including investments bought, sold, as well as held during the year) (depreciated)/appreciated in fair value by (\$1,149,882) and \$1,853,619, respectively, and are summarized as follows:

Year Ended June 30, 2022

	Net Appreciation/ (Depreciation) in <u>Fair Value</u>	Fair Value or NAV
UWUA Cash Account	\$	\$42,775
Western Asset Management	(196,398)	1,818,361
LSV Asset Management	(171,216)	1,594,181
Rogge Global Partners	(91,993)	516,709
Vanguard Russell	(314,274)	1,332,991
Vanguard	(261,244)	449,845
DFA Core Equity	(61,237)	260,573
Wellington Management Company	(53,520)	<u>540,050</u>
Total	<u>(\$1,149,882)</u>	<u>\$6,555,485</u>

Year Ended June 30, 2021

	Net Appreciation/ (Depreciation) in Fair Value	Fair Value or NAV
UWUA Cash Account	\$	\$34,161
Western Asset Management	(18,317)	2,013,952
LSV Asset Management	654,549	1,884,020
Rogge Global Partners	2,227	592,227
Vanguard Russell	638,388	1,827,474
Vanguard	275,042	704,880
DFA Core Equity	84,118	315,576
Wellington Management Company	<u>217,582</u>	586,332
Total	<u>\$1,853,619</u>	\$7,958,622

<u>Investment Policy</u>: The Plan's policy in regard to the allocation of invested assets is established and may be amended to pursue an investment strategy that reduces risk through the diversification of the portfolio across a broad selection of asset classes. The following was the Plan's adopted asset allocation policy as of June 30, 2022 and 2021:

	<u>Target Allocation</u>		
Asset Class	<u>2022</u>	<u>2021</u>	
Domestic large cap equity	44.0%	44.0%	
Domestic small cap equity	7.0%	7.0%	
Foreign equity	12.0%	12.0%	
Fixed income	35.0%	35.0%	
Cash	2.0%	2.0%	
Total	<u>100.0%</u>	<u>100.0%</u>	

Rate of return: For the years ended June 30, 2022 and 2021, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 7.47 percent and 11.61 percent, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

5. NET PENSION LIABILITY

The components of the net pension liability at June 30, 2022 and 2021 were as follows (in thousands):

	<u>2022</u>	<u>2021</u>
Total pension liability	\$8,453,164	\$8,650,121
Plan fiduciary net position	6,493,965	7,882,971
Net pension liability	<u>\$1,959,199</u>	<u>\$767,150</u>
Plan fiduciary net position as a percentage		
of the total pension liability	76.82%	91.13%

Actuarial assumptions: The total pension liability was determined by an actuarial valuation as of July 1, 2022 and July 1, 2021, using the following actuarial assumptions, applied to all periods included in the measurement:

	June 30, 2022	June 30, 2021
Inflation	3.00%	3.00%
Salary increases	3.00% plus age and service-based merit increases	3.00% plus age and service-based merit increases
Investment rate of return	6.75%, Net of pension plan investment expense, including inflation	7.00%, Net of pension plan investment expense, including inflation

The mortality tables projected to July 1, 2022 and 2021 under Scale MP-2021 reasonably reflect the projected mortality experience of the Plan as of the measurement date. The mortality tables were further adjusted to future years using generational projection under Scale MP-2021 to reflect future mortality improvement.

The total pension liability was determined using the level percent of salary Entry Age Normal Cost funding method.

The actuarial assumptions are the same as the assumptions used in the July 1, 2022 and 2021 funding actuarial valuation.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of June 30, 2022 and 2021 are summarized in the following table:

	Long-Term Expected Real Rate of Return¹		
Asset Class	2022	<u>2021</u>	
Domestic large cap equity	6.70%	6.65%	
Domestic small cap equity	6.70%	6.65%	
Foreign equity	7.10%	7.40%	
Fixed income	0.70%	0.50%	
Cash	0.20%	0.00%	

¹Real rates of return are net of inflation.

<u>Discount rate</u>: The discount rates used to measure the total pension liability as of June 30, 2022 and 2021 were 6.75% and 7.00%, respectively. The projection of cash flows used to determine the discount rate assumed plan member contributions will be made at the current contribution rate and that contributions will be made at the scheduled employer contribution amount. Based on those assumptions, the pension Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

<u>Sensitivity of the net pension liability to changes in the discount rate</u>: The following presents the net pension liability, calculated using the discount rates of 6.75% and 7.00% as of June 30, 2022 and 2021, respectively, as well as what the net pension liability would be if it were calculated using a discount rate that is one-percentage-point lower or one-percentage-point higher than the current rate:

		2022	
	1% Decrease (5.75%)	Current Discount (6.75%)	1% Increase (7.75%)
Net Pension Liability	\$2,752,073	\$1,959,199	\$1,276,841
		2021	
	1% Decrease (6.00%)	Current Discount (7.00%)	1% Increase (8.00%)
Net Pension Liability	\$1,562,835	\$767,150	\$82,150

6. CONTRACT WITH AETNA LIFE INSURANCE COMPANY

In 1981, NJ TRANSIT entered into a contract with Aetna Life Insurance Company (Aetna) to fund the entire past service cost of the New Jersey Transit Bus Operations, Inc. Utility Workers Union of America Employees accrued prior to June 30, 1980. Through this contract, Aetna is obligated to pay the related pension benefits. Both the pension benefits and the valuation of this contract have been excluded from the financial statements. For the years ended June 30, 2022 and 2021, Aetna paid pension benefits in the amount of \$20,510 and \$22,356, respectively.

7. PLAN TERMINATION

In the event the Plan terminates, the fiduciary net position of the Plan are to be allocated to (a) all participants currently or formerly employed by the Company or on pension as of the date of termination to the extent of contributions, less any payments made to them, (b) all participants who, prior to the three-year period ending on the date of termination, were receiving a pension or who would have been entitled to immediate pensions had their employment terminated prior to the beginning of this three-year period, (c) all participants who have met the Plan's requirements for retirement or vested pension as of the date of termination, and (d) all participants who were not receiving a pension and were not eligible under the Plan's requirements for retirement as of the date of termination and were still employed by the Company.

Funds shall be allocated toward a category only if there are assets in the Plan in excess of the total required to meet the obligations to each of the preceding categories. If there are assets allocated toward a category that are insufficient to fulfill the entire obligation of that category, each individual within the category shall be allocated assets in the same proportion that his or her obligation within the category bears to the total obligation for the category. The assets, if any, remaining after provision for all liabilities hereunder, shall be returned to the Company.

8. RETIREMENT PLAN COMMITTEE AND TRUSTEE

In accordance with the provisions of the Plan, the Plan is administered by the Retirement Plan Committee of the Company.

New Jersey Transit has entered into a Trust agreement with The Bank of New York (Trustee) that provides for the Trustee to invest and reinvest contributions received and to make payments and distributions to participating members and their beneficiaries based upon notification from the Retirement Plan Committee. In addition, the Trustee maintains custody of all Plan assets.

9. SUBSEQUENT EVENTS

Management has evaluated subsequent events for the Plan through June 30, 2023, the date the financial statements were available to be issued and has concluded that there are no recognized or non-recognized subsequent events for financial statements adjustment or disclosure.

Required Supplementary Information

Retirement Plan for New Jersey Transit Corporation Utility Workers Union of America Employees Required Supplementary Information Schedule of Changes in Net Pension Liability - Last Ten Fiscal Years

Service cost \$43,354 \$41,920 \$38,569 \$42,558 \$45,623 \$49,602 \$62,212	2015	2016	2017	2018	2019	2020	2021	2022	
Service cost									Total pension liability
Change of benefit terms Differences between expected and actual Experience (250.017) 5.574 104.138 152.488 137,148 (21,651) (33,988) Changes of assumptions 125,041 (61,860) 360,861 (43,234) — (42,511) 354,763 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Net change in total pension liability (196,957) (150,709) 536,417 73,869 98,501 (59,864) 388,976 Total pension liability – beginning 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 Plan fiduciary net position Contributions – employer 340,995 261,758 233,251 208,544 213,976 187,484 210,795 Contributions – employee 11,771 11,992 11,784 13,836 18,397 9,706 10,518 Net investment income (1,017,766) 1,971,123 299,850 528,520 360,322 629,569 84,492 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Other — 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	\$101,229	\$62,212	\$49,602	\$45,623	\$42,558	\$38,569	\$41,920	\$43,354	Service cost
Differences between expected and actual Experience (250,017) 5,574 104,138 152,488 137,148 (21,651) (33,988) Changes of assumptions 125,041 (61,860) 360,861 (43,234) — (42,511) 354,763 (24,511)	580,664	595,489	585,756	583,209	590,334	593,071	591,399	582,099	Interest
Experience (250,017) 5,574 104,138 152,488 137,148 (21,651) (33,988) Changes of assumptions 125,041 (61,860) 360,861 (43,234) (42,511) 354,763 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Net change in total pension liability (196,957) (150,709) 536,417 73,869 98,501 (59,864) 388,976 Total pension liability - beginning 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability - ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 8,164,907 8,100 8,1		·				169,681			Change of benefit terms
Experience (250,017) 5,574 104,138 152,488 137,148 (21,651) (33,988) Changes of assumptions 125,041 (61,860) 360,861 (43,234) — (42,511) 354,763 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Net change in total pension liability beginning 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 8,200,144 8,092,043 8,151,907 7,762,931 8,200,144 8,092,043 8,151,907 7,762,931 8,200,144 8,092,043 8,151,907 7,762,931 8,200,144 8,092,043 8,200,144 8,092,043 8,200,144 8,092,043 8,200,144 8,092,043 8,200,144 8,092,043 8,200,144 8,092,043 8,200,1									Differences between expected and actual
Benefit payments, including refunds of employee contributions	78,799	(33,988)	(21,651)	137,148	152,488	104,138	5,574	(250,017)	•
Benefit payments, including refunds of employee contributions		354,763	(42,511)		(43,234)	360,861	(61,860)	125,041	Changes of assumptions
employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) (196,957) (150,709) 536,417 73,869 98,501 (59,864) 388,976 (5121 pension liability – beginning 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 (729,903) (868,271) (892,043) 8,151,907 (727,62,931) (729,903) (868,271) (892,043) 8,151,907 (729,903) (892,043) 8,151,907 (729,903) (892,043) 8,151,907 (729,903) (892,043) 8,151,907 (729,903) (892,043) 8,151,907 (892,043) 8,151			, , ,		, ,		, ,		Benefit payments, including refunds of
Total pension liability – beginning 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 7,762,931 Total pension liability – ending (a) 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 Plan fiduciary net position Contributions – employer 340,995 261,758 233,251 208,544 213,976 187,484 210,795 Contributions – employee 111,771 11,992 11,784 13,836 18,397 9,706 10,518 Net investment income (1,017,766) 1,971,123 299,850 528,520 360,322 629,569 84,492 Plan fit pension liability – ending (a) (667,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Other ————————————————————————————————————	(558,682)	(589,500)	(631,060)	(667,479)	(668,277)	(729,903)	(727,742)	(697,434)	1 7 7
Plan fiduciary net position 8,453,164 8,650,121 8,800,830 8,264,413 8,190,544 8,092,043 8,151,907 Plan fiduciary net position Contributions – employer 340,995 261,758 233,251 208,544 213,976 187,484 210,795 Contributions – employee 11,771 11,992 11,784 13,836 18,397 9,706 10,518 Net investment income (1,017,766) 1,971,123 299,850 528,520 360,322 629,569 84,492 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Other — — — 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Pl	202,010	388,976	(59,864)	98,501	73,869	536,417	(150,709)	(196,957)	Net change in total pension liability
Plan fiduciary net position Contributions – employer 340,995 261,758 233,251 208,544 213,976 187,484 210,795 Contributions – employee 11,771 11,992 11,784 13,836 18,397 9,706 10,518 Net investment income (1,017,766) 1,971,123 299,850 528,520 360,322 629,569 84,492 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Other — — — 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Pl	7,560,921	<u>7,762,931</u>	8,151,907	8,092,043	8,190,544	8,264,413	<u>8,800,830</u>	<u>8,650,121</u>	Total pension liability - beginning
Contributions – employer 340,995 261,758 233,251 208,544 213,976 187,484 210,795 Contributions – employee 11,771 11,992 11,784 13,836 18,397 9,706 10,518 Net investment income (1,017,766) 1,971,123 299,850 528,520 360,322 629,569 84,492 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Cother 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	7,762,931	8,151,907	8,092,043	8,190,544	8,264,413	8,800,830	8,650,121	8,453,164	Total pension liability – ending (a)
Contributions – employer 340,995 261,758 233,251 208,544 213,976 187,484 210,795 Contributions – employee 11,771 11,992 11,784 13,836 18,397 9,706 10,518 Net investment income (1,017,766) 1,971,123 299,850 528,520 360,322 629,569 84,492 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Other 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087									Plan fiduciary net position
Contributions – employee 11,771 11,992 11,784 13,836 18,397 9,706 10,518 Net investment income (1,017,766) 1,971,123 299,850 528,520 360,322 629,569 84,492 Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Other 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	165,044	210.795	187.484	213.976	208.544	233.251	261.758	340.995	•
Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) (729,903) (668,277) (667,479) (631,060) (589,500) (729,903) (729	11,134		9,706	18,397				11,771	, ,
Benefit payments, including refunds of employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) (729,903) (668,277) (667,479) (631,060) (589,500) (729,903) (729	129,292	84,492	629,569	360,322	528,520	299,850	1,971,123	(1,017,766)	Net investment income
employee contributions (697,434) (727,742) (729,903) (668,277) (667,479) (631,060) (589,500) Administrative expense (26,572) (26,550) (25,562) (25,259) (23,827) (25,611) (22,349) Other — — — 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	•	,	,	,	,	,		(, , , ,	Benefit payments, including refunds of
Other — — — — 9,863 110 2,069 518 Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	(558,682)	(589,500)	(631,060)	(667,479)	(668,277)	(729,903)	(727,742)	(697,434)	
Net change in plan fiduciary net position (1,389,006) 1,490,581 (210,580) 67,227 (98,501) 172,157 (305,526) Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	(43,752)	(22,349)	(25,611)	(23,827)	(25,259)	(25,562)	(26,550)	(26,572)	Administrative expense
Plan fiduciary net position – beginning 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087 6,767,613 Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	1,452	` 518	2,069	` 11Ó	9,863				Other
Plan fiduciary net position – ending (b) 6,493,965 7,882,971 6,392,390 6,602,970 6,535,743 6,634,244 6,462,087	(295,512)	(305,526)	172,157	(98,501)	67,227	(210,580)	1,490,581	(1,389,006)	Net change in plan fiduciary net position
· · · · · · · · · · · · · · · · · · ·	7,063,125	<u>6,767,613</u>	6,462,087	6,634,24 <u>4</u>	6,535,743	6,602,970	6,392,390	7,882,971	Plan fiduciary net position – beginning
Net pension liability – ending (a) – (b) \$1,959,199 \$767,150 \$2,408,440 \$1,661,443 \$1,654,801 \$1,457,799 \$1,689,820	6,767,613	6,462,087	6,634,244	6,535,743	6,602,970	6,392,390	7,882,971	6,493,965	Plan fiduciary net position – ending (b)
	<u>\$995,318</u>	<u>\$1,689,820</u>	<u>\$1,457,799</u>	<u>\$1,654,801</u>	<u>\$1,661,443</u>	<u>\$2,408,440</u>	<u>\$767,150</u>	<u>\$1,959,199</u>	Net pension liability – ending (a) – (b)
Plan fiduciary net position as a percentage									Plan fiduciary net position as a percentage
of the total pension liability 76.82% 91.13% 72.63% 79.90% 79.80% 81.98% 79.27%	87.18%	79.27%	81.98%	79.80%	79.90%	72.63%	91.13%	76.82%	
Covered payroll \$413,919 \$398,769 \$430,112 \$458,667 \$474,507 \$485,144 \$680,840	\$1,044,408								
Net pension liability as percentage of	, , , , , , , , , , , , , , , , , , , ,	* , -	,,	, ,	,	*,	· ,	,-	
covered payroll 473.33% 192.38% 559.96% 362.23% 348.74% 300.49% 248.20%	95.30%	248.20%	300.49%	348.74%	362.23%	559.96%	192.38%	473.33%	

NOTE: Historical information prior to implementation of GASB 67/68 is not required. Such information was not readily available for periods prior to fiscal year 2014.

This schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

Retirement Plan of New Jersey Transit Corporation Utility Workers Union of America Employees Required Supplementary Information Schedule of Contributions - Last Ten Fiscal Years

Year Ended June 30,	Actuarially Determined Contributions	Contributions in Relation to the Actuarially Determined Contributions	Contribution Deficiency (Excess)	Covered <u>Payroll</u>	Contribution as a Percentage of Covered <u>Payroll</u>
2022	\$336,847	\$340,995	(\$4,148)	\$413,919	82.38%
2021	340,995	261,758	79,237	398,769	65.64%
2020	261,758	233,251	28,507	430,112	54.23%
2019	233,251	208,544	24,707	458,667	45.47%
2018	208,544	213,976	(5,432)	474,507	45.09%
2017	213,976	187,484	26,492	485,144	38.65%
2016	187,484	210,795	(23,311)	680,840	30.96%
2015	210,795	165,044	45,751	1,044,408	15.80%
2014	165,044	219,447	(54,403)	1,054,065	20.82%
2013	219,447	219,447		1,038,265	21.14%

Notes to Schedule

Methods and assumptions used to determine the actuarially determined employer contributions are as follows:

Valuation Date	July 1, 2022
Actuarial Cost Method	Projected Unit Credit Cost Method
Amortization Method	Amortize the annual change in unfunded liabilities established after July 1, 2014 each over a 15-year period from date of origination.
Remaining Amortization Period	7 years remaining as of July 1, 2022 of the initial unfunded liabilities as of July 1, 2014. Each subsequent change in unfunded liability has one more year remaining.
Asset Valuation Method	Market value of assets less unrecognized returns in each of the last five years. Unrecognized return is equal to the difference between the actual market return and the projected market return, and is recognized over a five-year period, further adjusted, if necessary, to be within 20% of the market value.
Inflation	3.00%
Salary Increases	3.00% plus age and service based merit increases
Investment Rate of Return	6.75%, Net of pension plan investment expense, including inflation
Mortality	The mortality tables were projected to July 1, 2022 under Scale MP-

mortality improvement.

2021. The mortality tables were further adjusted to future years using generational projection under Scale MP-2021 to reflect future

Retirement Plan of New Jersey Transit Corporation Utility Workers Union of America Employees Required Supplementary Information Schedule of Investment Returns - Last Ten Fiscal Years

Year Ended June 30, 2022	Annual Money-Weighted Rate of Return <u>Net of Investment Expense</u>
2022	7.47%
2021	11.61%
2020	5.85%
2019	4.91%
2018	6.32%
2017	7.30%
2016	6.33%
2015	10.09%
2014	13.18%
2013	7.01%