

LABORERS' AND RETIREMENT BOARD EMPLOYEES' ANNUITY AND BENEFIT FUND OF CHICAGO A FIDUCIARY UNIT OF THE CITY OF CHICAGO

FINANCIAL STATEMENTS

DECEMBER 31, 2024





LABORERS' AND RETIREMENT BOARD EMPLOYEES' ANNUITY AND BENEFIT FUND OF CHICAGO A FIDUCIARY UNIT OF THE CITY OF CHICAGO

FINANCIAL STATEMENTS WITH SUPPLEMENTARY INFORMATION

YEARS ENDED DECEMBER 31, 2024 AND 2023

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INDEPENDENT AUDITOR'S REPORT

To the Board of Trustees of Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago

Opinion

We have audited the accompanying financial statements of Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago (the Plan), a fiduciary unit of the City of Chicago, which comprise the statements of fiduciary net position as of December 31, 2024 and 2023, 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.

In our opinion, the financial statements referred to above, present fairly, in all material respects, the fiduciary net position of Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago as of December 31, 2024 and 2023, and the changes in its fiduciary net position for the years 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 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago, 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.

Responsibility 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 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 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 the 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 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities 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 including 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 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago'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 judgement, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago's ability to continue as a going concern for a reasonable period of time.

We are required to communicate to 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 Supplemental Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis (Unaudited) on pages 4 through 10, Schedules of Changes in Net Pension Liability and Related Ratios Multiyear, Schedule of the Net Pension Liability Multiyear, Schedule of Contributions Multiyear, Schedule of Investment Returns Multiyear, Schedule of Changes in Total OPEB Liability for the Plan as Employer and Employer Related Ratios Multiyear, and Notes to the Schedules on pages 45 through 52, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not 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 inquires 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 audits 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.

Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago's basic financial statements. The supplementary information such as the Schedules of Invested Assets Cost and Fair Value, Schedules of Administrative Expenses, Investment Expenses and Professional Services and Schedules of Investment Expenses on pages 53 through 55 are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audits 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 supplementary information is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

Calibre CPA Group, PLLC

Chicago, IL May 13, 2025



LABORERS' AND RETIREMENT BOARD EMPLOYEES ANNUITY AND BENEFIT FUND OF CHICAGO

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

This discussion and analysis is prepared by the management staff of the Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago (the Plan) for the purpose of providing an overview of the Plan's financial activities for the years ended December 31, 2024 and 2023. We encourage readers to consider the information presented here in conjunction with the Plan's financial statements and actuarial report.

Financial Highlights

- The net position for the Plan at December 31, 2024 was \$1.26 billion, a \$76 million increase from the Plan's net position at December 31, 2023. The net position for the Plan at December 31, 2023 was \$1.18 billion, a \$57 million increase from the Plan's net position at December 31, 2022. The net position is restricted for future benefit obligations. The increases in 2024 and 2023 is largely attributable to increases in the value of invested assets and increases in employer contributions.
- The investment portfolio recorded gains of \$91.7 million and \$98.3 million for fiscal years 2024 and 2023, respectively. During 2024, the Plan's portfolio generated a preliminary rate of return, net of fees, of 8.5%. The rate of return, net of fees, for 2023 was 9.7%.
- Based on the actuarial valuations as of December 31, 2024 and 2023, the overall funded ratios for the Plan were 42.7% and 42.1%, respectively. For accounting purposes pursuant to Governmental Accounting Standards Board (GASB) 67 and 68, which uses a Single Discount Rate and shorter amortization periods to measure the total pension liability, and market value of assets, the funded ratio of the Plan was 40.3% for 2024 and 38.6% for 2023.
- Contribution revenue for 2024 totaled \$171.7 million, representing an increase of 20% from 2023. This increase is mostly due to the recognition of larger employer contributions resulting from the passage of P.A. 100-0023 in 2017. This legislation provided for predetermined increases in employer contributions over a five-year period through 2021 followed by actuarially determined employer contribution beginning in 2022. The 2023 contribution revenue of \$142.9 million represents an increase of 5.7% from 2022. During the years ended December 31, 2024 and 2023, in addition to the required minimum annual contribution, the City of Chicago contributed an additional \$20.3 million and \$12.1 million, respectively.
- Total benefits and refunds paid in 2024 were \$183.8 million, reflecting an increase of 1.6% over the \$180.9 million of benefits and refunds paid in 2023. The 2023 benefits and refunds reflect an increase of 2.1% from 2022. The variances between years are primarily due to cost of living adjustments, fluctuations in the annuity roll each year, and the amount of refund applications in any given year.



Financial Highlights (continued)

 Administrative and Other Postemployment Benefits (OPEB) expenses were \$3.5 million in 2024 compared to \$3.4 million in 2023 and \$3.6 million in 2022. Fluctuations in legal and technical services expenses, personnel costs, Other Postemployment Benefits OPEB expenses, system development costs, and rent expense account for the variances from year to year.

Overview of the Financial Statements of the Plan

This discussion and analysis is intended to serve as an introduction to the Plan's financial reporting which is comprised of the following components.

- <u>Basic Financial Statements:</u> The two basic financial statements are the Statements of Fiduciary Net Position and the Statements of Changes in Fiduciary Net Position. The Statements of Fiduciary Net Position reports the balance of net assets restricted for payment of future pension benefits as of the fiscal year end, with comparative values reported as of the previous fiscal year end. The Statements of Changes in Fiduciary Net Position reports the net change in net position for the fiscal year, with comparative values reported for the previous fiscal year. This change, when added to the previous year's net position, supports the total net position as reported in the Statements of Fiduciary Net Position.
- 2. <u>Notes to Financial Statements:</u> Notes to Financial Statements provide additional valuable information that assists the reader to better understand the Plan's financial position. The notes are an integral part of basic financial statements.
- 3. <u>Required Supplementary Information:</u> The required supplementary information consists of the Schedules of Changes in Net Pension Liability and Related Ratios Multiyear and Additional Notes; Schedule of the Net Pension Liability Multiyear; Schedule of Contributions Multiyear and related Notes; and Schedule of Investment Returns Multiyear. Also included are Schedules of Changes in Total Other Postemployment Benefit Plan (OPEB) Liability for the Plan as Employer and Employer Related Ratios Multiyear. These schedules and related notes emphasize the long-term nature of pension funds and show the Plan's progress in accumulating sufficient assets to pay benefits when due. Actuarial trend information is presented for OPEB liabilities that are associated with the Plan as employer who offers its retirees and their eligible dependents a postemployment group health care plan.
- 4. <u>Supplementary Information:</u> Schedules of Invested Assets Cost and Fair Value; Schedules of Administrative Expenses, Investment Expenses and Professional Services; and Schedules of Investment Expenses comprise the supplementary information.

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Financial Analysis

The summarized comparison shown below indicates that the Net Position - Restricted for Pension Benefits at December 31, 2024 amounted to \$1.3 billion, which was an increase of \$76 million, or 6.4%, from \$1.2 billion at December 31, 2023. This increase in Net Position compares to a increase of \$57 million, or 5.1%, in Net Position that occurred between December 31, 2023 and December 31, 2022.

Assets

An increase or decrease in invested assets is dependent upon both the performance of the Plan's investment portfolio as well as the need to liquidate from the portfolio to pay benefits and other operating expenses in any given year. Total assets increased in 2024 by \$70 million, or 5.6%, compared to an increase of \$68 million, or 5.8%, in assets in 2023 from the prior year level. For 2024, the increase was largely attributed to an increase in the value of invested assets. For 2023, the increase was largely attributed to an increase in the value of invested assets and securities lending cash collateral.

As of December 31, 2024, receivables were 14.3% higher than 2023 mainly due to the higher statutorily required employer contributions accrued but not yet received as determined by P.A. 100-0023. In 2023, for the same reason, total receivables were up 10.4% from 2022.

	December 31,			Net C	Net Change		
	2024	2023	2022	2024 to 2023	2023 to 2022		
Assets							
Receivables	\$ 135,488,485	\$ 118,566,947	\$ 107,407,498	\$ 16,921,538	\$ 11,159,449		
Investments, at fair value Invested securities lending	1,132,606,463	1,071,416,842	1,030,233,461	61,189,621	41,183,381		
cash collateral	55,069,036	63,013,873	46,975,502	(7,944,837)	16,038,371		
Capital assets - net	204,500	379,887	555,273	(175,387)	(175,386)		
Total assets	1,323,368,484	1,253,377,549	1,185,171,734	69,990,935	68,205,815		
Deferred outflows Accumulated decrease in fair							
value of hedging derivatives		1,225,507	1,722,167	(1,225,507)	(496,660)		
Liabilities	60,380,567	69,499,527	58,467,941	(9,118,960)	11,031,586		
Deferred inflows Accumulated increase in fair value of hedging derivatives and							
resources related to OPEB	2,818,443	1,122,504	1,527,575	1,695,939	(405,071)		
Net position - restricted for pension benefits	<u>\$ 1,260,169,474</u>	<u>\$1,183,981,025</u>	<u>\$1,126,898,385</u>	<u>\$ 76,188,449</u>	<u>\$ </u>		

CONDENSED COMPARATIVE STATEMENTS OF FIDICUARY NET POSITION

Liabilities

In 2024, the Plan's liabilities consisted primarily of the securities lending cash collateral liability, unsettled trades, professional fees payable and OPEB liability. The Plan's liabilities in 2024 were \$9.1 million lower than in 2023 due mainly to lower values of securities lending cash collateral liability and unsettled trades offset by higher value of OPEB liability. In 2023, the Plan's liabilities were \$11.0 million higher than in 2022 due mainly to higher values of securities lending cash collateral liability and OPEB liability offset by lower values of unsettled trades. The changes in liabilities over the past few years largely rests with activity in the securities lending program and unsettled trades at year end.

Deferred Outflows and Inflows

Derivative instruments are used by the Plan to manage specific risks and to make investments. Examples include forward and futures contracts. The net fair value of futures used for hedging activities are reported as either deferred outflows or deferred inflows of resources. Deferred inflows of \$2.0 million for 2024 represent the net fair value of foreign currency forward contracts outstanding at December 31, 2024. For the year ended December 31, 2023 and 2022, the Plan reported \$1.2 million and \$1.7 million, respectively in net deferred outflows. The outflow or inflow fluctuates depending on the net fair value of derivative contracts at year end.

Differences between expected and actual experience and changes in assumptions are recognized in OPEB expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with OPEB through the OPEB plan determined as of the beginning of the measurement period. For the years ended December 31, 2024, 2023, and 2022, the Plan reported \$820 thousand, \$1.1 million and \$1.5 million in net deferred inflows, respectively, of resources related to OPEB that will be recognized in future OPEB expenses. These net deferred inflows are due to assumption changes and differences between expected and actual non-investment experience. Further detail of OPEB is provided in Note 12 of the Notes to Financial Statements.

	December 31,			Net C	hange
				2024 to	2023 to
	2024	2023	2022	2023	2022
Additions					
Total contributions	\$ 171,695,054	\$ 142,932,284	\$ 135,245,749	\$ 28,762,770	\$ 7,686,535
Total investment income (loss)	91,803,724	98,494,522	(161,680,009)	(6,690,798)	260,174,531
Total additions	263,498,778	241,426,806	(26,434,260)	22,071,972	267,861,066
Deductions					
Benefits and refunds	183,828,063	180,947,661	177,162,276	2,880,402	3,785,385
Admin & OPEB expense	3,482,266	3,396,505	3,606,843	85,761	(210,338)
Total deductions	187,310,329	184,344,166	180,769,119	2,966,163	3,575,047
Net increase (decrease)	76,188,449	57,082,640	(207,203,379)	19,105,809	264,286,019
Net position - restricted					
for pension benefits					
Beginning of year	1,183,981,025	1,126,898,385	1,334,101,764	57,082,640	(207,203,379)
Ending of year	<u>\$ 1,260,169,474</u>	<u>\$ 1,183,981,025</u>	<u>\$ 1,126,898,385</u>	<u>\$ 76,188,449</u>	<u>\$ 57,082,640</u>

CONDENSED COMPARATIVE STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION



Additions

Member contributions, employer contributions, and investment income are the funding sources for benefit payments. In 2024 and 2023, employer contributions continued to be higher than previous years due to the 2017 passage of P.A. 100-0023 which provided for predetermined increases in employer contributions over a five-year period through 2021 followed by actuarially determined employer contribution beginning in 2022. Employer and employee contributions for 2024 increased significantly from the prior year. In the three years shown on the previous page, investment income rose and fell based on the performance of the financial markets.

A preliminary investment return of 8.5% in 2024 equated to an investment gain of \$92 million. In 2023, a gain of 9.7% equated to an investment gain of \$98 million as compared to a loss of -13.3% in 2022 resulting in an investment loss of \$162 million. Dividend and interest income has increased each year from 2022 to 2024.

Deductions

Deductions consist primarily of annuity and disability benefit payments, contribution refunds, and administrative expenses (including office staff OPEB). Benefit and refund expense increased 1.6% in 2024 as compared to 2.1% in 2023 and 2.7% in 2022. The automatic annual increase in annuities for employee annuitants, overall fluctuations in annuity and refund payments contributed to the variances from year to year.

Total administrative and OPEB expenses increased \$86 thousand in 2024 and decreased \$210 thousand in 2023. Fluctuations in legal expenses, personnel costs, OPEB expenses, system development costs, and rent expense account for the variances from year to year.

Overall, Net Position - Restricted for Pension Benefits increased by approximately \$76 million, or 6.4%, in 2024 as compared to the prior year. In 2023, Net Position - Restricted for Pension Benefits reflected a \$57 million increase or 5.1% from 2022. As shown in the table on page 7, investment income fluctuations and the growing levels of benefit and refund expenses have the greatest impact on the Net Position - Restricted for Pension Benefits at year end.

Investment Performance

Stable interest rates, slowing inflation rates, and a decreasing likelihood of a recession led to a continued market upswing in 2024, as evidenced by the benchmark returns in the table on the next page. The Plan experienced positive returns from its investment portfolio in 2024 due to increases in both equity and fixed income holdings. As reported by the Plan's investment consultant, the preliminary total investment return based on fair value, net of fees, was 8.5% in 2024 compared to 9.7% in 2023. In absolute terms, all asset classes except real estate positively contributed to performance. In relative terms, private equity, hedge funds, and international equity exceeded their respective benchmarks.

Investment Performance (continued)

Preliminary Rates of Return, Net of Fees, for Fiscal Year 2024			
Asset Class	Return %	Benchmark	Return %
Fixed income	2.7	Bloomberg Global Aggregate (Hedged)	3.4
Domestic equity	20.1	Russell 3000	23.8
International equity	6.0	MSCI ACWI ex USA	5.5
Global equity	11.2	MSCI ACWI Minimum Volatility	11.4
Private debt	7.5	S&P UBS Leveraged Loan	9.1
Private equity	8.0	MSCI Private Capital Global	4.9
Real estate	-6.3	NCREIF Open End Diversified Core Equity	-2.3
Hedge funds	11.5	HFRI Fund of Funds Composite	9.2
Real asset			
infrastructure fund	6.1	SOFR + 4%	9.5

The following table provides preliminary performance, net of fees, by asset class for fiscal year 2024.

Actuarial Valuation

Each year, the Plan commissions an actuary to assess the financial strength of the Plan. The actuary compares the value of future benefits to the value of the Plan's assets. As prescribed by accounting standards, the actuary uses a valuation method different than fair value to determine the value of the Plan's assets. It differs in that the actuarial value of assets spreads investment gains and losses over a five-year period to smooth out market volatility. For fiscal year 2024, the consulting actuary reports the Plan's actuarial liability was \$3.09 billion and the actuarial value of assets was \$1.32 billion. For fiscal year 2023, the Plan's actuarial liability was \$3.03 billion, and the actuarial value of assets was \$1.28 billion.

The ratio of the assets to actuarial liabilities is termed the funded ratio and represents the percentage of assets available to pay the future benefits. The funded ratio, measured using the actuarial value of assets, which reflects smoothing of the investment gains and losses over a five-year period, increased to 42.7% in 2024 from 42.1% in 2023. The unfunded liability increased to \$1.77 billion at December 31, 2024 from \$1.76 billion at December 31, 2023. The increase in actuarial liabilities was slightly less than expected. The overall actuarial assumptions did a good job of modeling behavior in total, producing a small gain of less than \$1 million. We expect the funded ratio to decrease over the next two years as deferred investment losses are realized.

Actuarial Valuation (continued)

For accounting and financial reporting pursuant to GASB 67 and 68, which uses a Single Discount Rate, shorter amortization periods to measure the total pension liability, and the market value of assets, the funded ratio of the Plan was 40.3% for 2024 and 38.6% for 2023. The investment return in excess of the expected return was a significant portion of the increase in the funding ratio from 2023 to 2024.

Future Outlook

The passage of P.A. 100-0023 in 2017 provided a funding policy that puts the Plan on a path toward long-term solvency. After receiving pre-determined amounts for five years, the Plan began receiving employer contributions that are actuarially determined with the goal of reaching a 90% funded status by 2058. The funded ratio is projected to decrease from 42.6% in 2024 to 40.9% in 2026, increase slowly for the next 19 years to 50.4% in 2045, and then increase quickly to 90.0% in 2058. While the statutory contributions are significantly more than had been received previously, they are still less than the Actuarially Determined Contribution until 2040.

The Board of Trustees (the Board) and staff of the Plan are dedicated to preserving the Plan and are doing so with honesty, dedication, and integrity. We strive to provide responsible stewardship for the assets contributed by our members and the City of Chicago.

Request for Information

Questions about any information provided in this report should be addressed to:

Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago Attn: Executive Director 321 N Clark St Ste 1300 Chicago, IL 60654-4739



LABORERS' AND RETIREMENT BOARD EMPLOYEES' ANNUITY BENEFIT FUND OF CHICAGO

STATEMENTS OF FIDUCIARY NET POSITION

DECEMBER 31, 2024 AND 2023

	2024	2023
Assets and Deferred Outflows		
Receivables		
Employer	\$ 128,131,002	\$ 111,974,969
Plan member	3,401,784	3,610,752
Interest and dividends	3,031,695	2,908,082
Other receivables	74,514	73,144
Due from broker - net	849,490	
Total receivables	135,488,485	118,566,947
Investments - at fair value		
Cash and short-term investments	35,553,498	34,651,220
Equities	565,479,022	508,800,227
Fixed income	190,408,948	186,796,081
Private markets	112,472,946	107,274,487
Real estate	105,691,957	118,442,214
Hedge funds	87,587,432	83,880,687
Real asset infrastructure fund	33,414,460	31,571,926
Forward currency contracts - net	1,998,200	-
Subtotal	1,132,606,463	1,071,416,842
Securities lending cash collateral	55,069,036	63,013,873
Total investments - at fair value	1,187,675,499	1,134,430,715
Capital assets - net	204,500	379,887
Total assets	1,323,368,484	1,253,377,549
Deferred outflows		
Accumulated decrease in fair value of hedging		
derivatives		1,225,507
Liabilities, Deferred Inflows and Net Position		
Liabilities		
Due to broker - net	-	179,503
Derivatives - net	1,282,217	2,206,477
Refunds, professional fees payable and other liabilities	2,107,472	2,209,962
Other Postemployment Benefits (OPEB) liability	1,921,842	1,889,712
Securities lending cash collateral	55,069,036	63,013,873
Total liabilities	60,380,567	69,499,527
Deferred inflows		
Accumulated increase in fair value resources		
related to OPEB and forward currency contracts - net	2,818,443	1,122,504
Net position - restricted for pension benefits	<u>\$ 1,260,169,474</u>	<u>\$</u> 1,183,981,025

See accompanying notes to financial statements.

LABORERS' AND RETIREMENT BOARD EMPLOYEES' ANNUITY BENEFIT FUND OF CHICAGO

STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION

YEARS ENDED DECEMBER 31, 2024 and 2023

	2024	2023
Additions		
Contributions		
Employer	\$ 147,466,056	\$ 123,795,653
Plan member	24,228,998	19,136,631
Total contributions	171,695,054	142,932,284
Investment income (loss)		
Net appreciation (depreciation) in fair value of investments	66,925,582	76,239,231
Interest	9,101,045	7,739,557
Dividends	10,092,489	9,282,801
Private markets income - net	5,920,692	6,501,260
Real estate operating income - net	3,321,346	2,820,224
Hedge funds gain (loss) - net	2,164,643	1,844,954
Real asset infrastructure fund income - net	887,212	951,625
	98,413,009	105,379,652
Less investment expenses	(6,761,640)	(7,062,978)
Investment income (loss) - net	91,651,369	98,316,674
Securities lending income		
Income	3,146,299	3,424,169
Borrower rebates	(2,912,056)	(3,145,956)
Bank fees	(81,888)	(100,365)
Securities lending income - net	152,355	177,848
Total additions	263,498,778	241,426,806
Deductions		
Benefits	181,111,766	177,562,570
Refunds	2,716,297	3,385,091
Administrative and OPEB expenses	3,482,266	3,396,505
Total deductions	187,310,329	184,344,166
Net change	76,188,449	57,082,640
Net position - restricted for pension benefits		
Beginning of year	1,183,981,025	1,126,898,385
End of year	<u>\$ 1,260,169,474</u>	<u>\$ 1,183,981,025</u>



LABORERS' AND RETIREMENT BOARD EMPLOYEES' ANNUITY AND BENEFIT FUND OF CHICAGO

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2024 and 2023

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago (the Plan) is administered in accordance with Chapter 40, Act 5, Articles 1 and 11 of the Illinois Compiled Statutes (the Statutes). The costs of administering the Plan are financed by employer contributions in conformance with state statutes.

Reporting Entity - As defined by U.S. generally accepted accounting principles established by the Governmental Accounting Standards Board (GASB), the financial reporting entity consists of a primary government, as well as its component units, which are legally separate organizations for which the elected officials of the primary government are financially accountable. Financial accountability is defined as:

- Appointment of a voting majority of the component unit's board and either a) the ability to impose will by the primary government, or b) the possibility that the component unit will provide a financial benefit to or impose a financial burden on the primary government; or
- (2) Fiscal dependency on the primary government.

Based upon the required criteria, the Plan has no component units. The Plan is considered a fiduciary unit fund of the City of Chicago and, as such, is included in the City of Chicago's financial statements as a pension trust fund. Accordingly, these financial statements present only Laborers' and Retirement Board Employees Annuity & Benefit Fund of Chicago and are not intended to present fairly the financial position of the City of Chicago and the result of its operations in conformity with U.S. generally accepted accounting principles.

Method of Accounting - The financial statements reflect an accrual basis of accounting. Plan member contributions are recognized in the period in which the contributions are due. Employer contributions are recognized when due and the employer, the City of Chicago (City), has made a formal commitment to provide the contributions. Benefits, refunds, administrative and other post-employment benefits (OPEB) expenses are recognized when due and payable in accordance with the terms of the Plan.

Investments - Investments are reported at fair value which generally represents reported market value as of the last business day of the year. Quoted market prices, when available, have been used to value investments. For equities, swaps and forward currency contracts, except those reported at net asset value, fair value is determined by using the closing price listed on the national securities exchanges as of December 31.

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fair value for fixed income securities, except those reported at net asset value, are determined principally by using quoted market prices provided by independent pricing services. Equity and fixed income funds are reported at net asset value per share. Cash and short-term investments are valued at cost which approximates fair value. Alternative investments, which include real estate, private markets (private equity and private debt investments), hedge funds, and real asset infrastructure are valued using current estimates of fair value provided by the investment manager. Such valuations consider variables such as cash flow analysis, recent sales prices of investments, comparison of comparable companies' earnings multiples, withdrawal restrictions, annual audits, and other pertinent information. Because of the inherent uncertainty of the valuation for these other alternative investments, the estimated fair value may differ from the values that would have been used had a ready market existed. The reported values of real estate and private markets are current values unless that information was unavailable in which case the reported value will lag one quarter behind the date of these financial statements. The difference between the current value and the lag has been evaluated and determined not to be material.

Unsettled trades as of the end of the year are recorded net. At December 31, 2024 and 2023, \$57,637 and \$1,119,806, respectively, were due to broker and \$907,127 and \$940,303, respectively, were due from broker for unsettled trades.

Capital Assets - Property and Equipment - Property and equipment are carried at cost. Major additions are capitalized while replacements, maintenance, and repairs which do not improve or extend the lives of the respective assets are expensed currently. The Plan's capitalization policy threshold is \$25,000.

Capital Assets - Lease - The capital lease right-of-use asset equals the present value of lease payments net of rent abatement which is further described in Note 10. The right-of-use asset is amortized over the term of the lease, net of the amortization of the interest related to the present value of the lease payments.

Administrative Expenses - Administrative expenses are budgeted and approved by the Plan's Board. Funding for these expenses is included in the employer contributions as mandated in Chapter 40, Act 5, Article 11 of the Statutes.

Estimates - The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures in the financial statements. Actual results could differ from those estimates.

NOTE 2. PLAN DESCRIPTION

The Plan was established in 1935 and is governed by legislation contained in the Statutes, particularly Chapter 40, Act 5, Article 11 (the Article) which specifically and exclusively refers to the Plan. The Plan can be amended only by the Illinois Legislature. The Plan is a single-employer defined benefit pension plan with a defined contribution minimum. The Plan was created to provide retirement and disability benefits for employees of the City

who are employed in a title recognized by the city as labor service and for the dependents of such employees.

The Statutes authorize a Board of eight members to carry out the provisions of the Article. According to the Article, two members of the Board are ex officio, two are to be elected by the employee members of the Plan, one is to be elected by the retired members of the Plan, one is to be appointed by the local labor union and two are to be appointed by the Department of Human Resources. The two ex officio members are the City Comptroller (or someone chosen from the Comptroller's office) and the City Treasurer (or someone chosen from the Treasurer's office).

All members of the Board are fiduciaries with respect to the Plan and are statutorily mandated to discharge their duties, as such, solely in the interest of the Plan's participants and beneficiaries.

The Board has the powers and duties required in the Article to collect all contributions due to the Plan, to invest the Plan's reserves, to have an annual audit, to appoint employees, to authorize or suspend payment of any participant's individual benefit and to have exclusive original jurisdiction in all matters relating to or affecting the Plan. The Board approves its own budget which is prepared by the administrative staff of the Plan. The Board is required annually to submit to the City Council of the City a detailed report of the financial affairs and status of the reserves of the Plan. Provisions in other articles of Chapter 40 require the Board to submit its annual audit and actuarial valuation reports to the State of Illinois Department of Financial and Professional Regulation's (IDFPR) Division of Insurance, as well as another detailed annual report, the form and content of which is specified by the IDFPR's Division of Insurance.

Any employee of the City or the Board of Education of the City employed under the provisions of the municipal personnel ordinance as labor service or any persons employed by retirement boards of certain annuity and benefit funds of the City are covered by the Plan. Currently, covered employees are required to contribute a percentage of their salary to the Plan, 8.5% for Tier 1 and 2 members and 11.5% for Tier 3 members. If an employee leaves covered employment without qualifying for an annuity, accumulated contributions are refunded with interest. For the employer contribution for the years ended December 31, 2016 and prior, the City's total contribution was limited to an amount not more than the total amount of contributions made by the employees to the Plan in the calendar year two years prior to the current year, multiplied by 1.00. For payment years 2018 through 2022 (tax levy years 2017 through 2021), the City contributed \$36,000,000, \$48,000,000, \$60,000,000, \$72,000,000, and \$84,000,000, respectively. For payment years 2023 through 2058 (tax levy years 2022 through 2057), the amount shall be equal to the projected normal cost plus an amount determined on a level percentage of applicable employee payroll basis that is sufficient to bring the total actuarial assets of the Plan up to 90% of the total actuarial liabilities of the Plan by the end of 2058. For years after 2058, the employer portion shall be equal to the amount, if any, needed to bring the total actuarial assets of the Plan up to 90% of the total actuarial liabilities of the Plan as of the end of each year. The source of funds for the City's contribution has been designated by the Statutes and is derived from the City's annual

property tax levy, or from any source legally available for this purpose, including but not limited to, the proceeds of City borrowings.

At December 31, 2024 and 2023, plan members consisted of the following:

	2024	2023
Retirees and beneficiaries currently receiving benefits	3,504	3,514
Inactive plan members entitled to benefits (or a refund of contributions) but not yet receiving them	1,406	1,397
Active plan members (including plan members receiving disability benefits)		
Vested	1,604	1,604
Non-vested	1,131	1,039
Total plan members	7,645	7,554

The Plan provides retirement benefits as well as survivor and disability benefits. In 2010, legislation (P.A. 96-0889) was approved which in effect established two distinct classes of membership with different retirement eligibility conditions and benefit provisions. In 2017, legislation (P.A. 100-0023) was approved which added a third distinct class of membership with different retirement eligibility conditions and benefit provisions. For convenience, the Plan uses a tier concept to distinguish these groups:

- Tier 1 Employees who first became members prior to January 1, 2011.
- Tier 2 Employees who first became members on or after January 1, 2011.
- Tier 3 Employees who first became members on or after July 6, 2017 or any Tier 2 member who irrevocably elected to be subject to the Tier 3 benefit structure.

Retirement Benefits:

Tier 1: Employees age 55 or more with at least 10 years of service are entitled to receive a money purchase annuity with partial City contributions if under age 60 with less than 20 years of service. Employees age 55 or more with at least 20 years of service or age 50 or more with at least 30 years of service are entitled to receive a minimum formula annuity of 2.4% per year of service, multiplied by the final average salary. Final average salary is calculated using salary from the highest four consecutive years within the last 10 years of service preceding retirement. If the employee retires prior to age 60, the annuity shall be reduced by ¹/₄ of 1% for each month the employee is under age 60, unless the employee is 50 or over with at least 30 years of service.

Retirement Benefits (continued):

Tier 1 (continued): The original annuity is limited to 80% of the highest average annual salary, adjusted for annual Internal Revenue Code (IRS) §401(a) (17) and §415 limitations. There is a 10-year deferred vested benefit payable at age 60. Employees who retire at age 60 or over with at least 10 years of service are entitled to a minimum of \$850 per month.

Tier 2: Employees with at least 10 years of service are entitled to receive an unreduced annuity benefit at age 67 or a reduced annuity benefit at age 62 with at least 10 years of service. The annuity shall be reduced by ½ of 1% percent for each month that the employee is under age 67. Final average salary is calculated using salary from the eight highest consecutive years within the last 10 years of service preceding retirement. Pensionable salary is limited to \$125,774 in 2024 and \$123,489 in 2023, increased annually by the lesser of 3% or 50% of the percentage change in the Consumer Price Index-Urban (CPI-U), for the 12 months ending each preceding September, but not less than zero.

Tier 3: Employees with at least 10 years of service are entitled to receive an unreduced annuity benefit at age 65 or a reduced annuity benefit at age 60 with at least 10 years of service. The annuity shall be reduced by ½ of 1% for each month that the employee is under age 65. Final average salary is calculated using salary from the eight highest consecutive years within the last 10 years of service preceding retirement. Pensionable salary is limited to \$125,774 in 2024 and \$123,489 in 2023, increased annually by the lesser of 3% or 50% of the percentage change in the CPI-U, for the 12 months ending each preceding September, but not less than zero.

Post Retirement Increases:

Tier 1: Employee annuitants are eligible to receive an increase of 3% of the current annuity beginning the January of the year of the first payment date following the earlier of 1) the later of the third anniversary of retirement and age 53 and 2) the later of the first anniversary of retirement and age 60, and each year thereafter.

Tier 2: Employee annuitants are eligible to receive an increase based on the original annuity equal to the lesser of 3% or $\frac{1}{2}$ of the annual unadjusted percentage increase in the CPI-U (but not less than zero) beginning the January of the first payment date following the later of 1) age 67 and 2) the second anniversary of retirement.

Tier 3: Employee annuitants are eligible to receive an increase based on the original annuity equal to the lesser of 3% or ½ of the annual unadjusted percentage increase in the CPI-U (but not less than zero) beginning the January of the first payment date following the later of 1) age 65 and 2) the second anniversary of retirement.

Spousal Annuity:

Tier 1: The eligible surviving spouse is entitled to a spousal annuity equal to 50% of the pension the member had earned at the date of death or a minimum annuity of \$800.

Spousal Annuity (continued):

Tier 2 and 3: The surviving spouse is entitled to a spousal annuity equal to 66^{2} % of the pension the member had earned at the date of death.

Automatic Increase in Spousal Annuity:

Tier 1: There is no increase in annuity for spousal annuities.

Tier 2 and 3: The spousal annuity increase is the lesser of 3% or 50% of the percentage change in the CPI-U for the 12 months ending each preceding September (but not less than zero) and is applied to the original spousal annuity amount. If the CPI-U decreases or is zero, no increase is paid. The annual increase in spouse annuity starts on the January 1st occurring on or after 1) the start date of the spouse annuity if the deceased member was in receipt of annuity at death, or 2) the first anniversary of the spouse annuity start date.

Child's Annuity:

Under Tiers 1, 2, and 3, annuities are provided for unmarried children of a deceased member who are under the age of 18, if the child was born, or *in* esse, or legally adopted. The child's annuity is \$220 a month when there is a surviving spouse, or \$250 a month when there is no surviving spouse.

Duty Disability:

Under Tiers 1, 2, and 3, an employee who becomes disabled as the result of an injury incurred in the performance of any act of duty, is entitled to receive a duty disability benefit in the amount equal to 75% of annual salary at the time of injury, reduced by any benefits received by the employee under the provisions of the Workers' Compensation Act.

Ordinary Disability:

Under Tiers 1, 2, and 3, an employee who becomes disabled as the result of any cause other than an injury incurred in the performance of an act of duty, is entitled to receive an ordinary disability benefit in the amount equal to 50% of annual salary as of the last day worked. An employee can receive ordinary disability for a period equal to 1/4 of his service credits up to a maximum of 5 years.

Refunds:

Tier 1: A member may take a refund if he withdraws from service and is under the age of 55 (with any length of service) or withdraws between the ages of 55 and 60 with less than 10 years of service.

Tier 2 and 3: A member may take a refund if he withdraws from service before the age of 62 (with any length of service) or withdraws with less than 10 years of service regardless of age.

NOTE 3. INVESTMENTS

Fair Value Measurements

The Plan categorizes the fair value measurements of its investments based on the hierarchy established by the U.S. generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure an asset's fair value: Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; and Level 3 inputs are significant unobservable inputs. Investments that are measured at fair value using the net asset value (NAV) per share (or its equivalent) as a practical expedient are not classified in the fair value hierarchy.

Equity securities and investment derivative investments classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets issued by pricing vendors.

Fixed income securities and collateral from securities lending classified in Level 2 of the fair value hierarchy are valued using either a bid evaluation or a matrix pricing technique maintained by the various pricing vendors. Bid evaluations may include market quotations, yields, maturities, call features and ratings. Matrix pricing is used to value securities based on the securities' relationship to benchmark quoted prices.

Equity and fixed income securities classified in Level 3 of the fair value hierarchy are securities whose stated market price is unobservable by the marketplace. Many of these securities are priced by the issuers of industry groups. Fair value is defined as the quoted market value on the last trading day of the period. These prices are obtained from various pricing sources by the Plan's custodian bank.

The following is a summary of the inputs used as of December 31, 2024, in valuing investments carried at fair value:

Equities \$ 518,126,768 \$ 518,126,768 \$ - \$ - Common stock \$ 518,126,768 \$ 533,032 - - Preferred stock 533,032 533,032 - - Exchange-traded fund 2,298,699 2,298,699 - - Other equity assets 2,204,165 2,204,165 - - Fixed income 60vernment bonds 49,585,652 - 49,585,652 - Government agencies 6,905,248 - 6,905,248 - 69,599,951 - Government mortgage backed securities 39,444,403 - 39,444,403 - - Government mortgage backed securities 39,444,403 - 1,328,378 - - Government mortgage-backed 96,321 - 96,321 - - - Commercial mortgage-backed 1,424,908 - 1,424,908 - - - Non-government backed CMO's 1,862,032 - - - - - - Invested securities lending collateral 55,069,036 - 5		December 31, 2024			
Common stock \$ 518,126,768 \$ 518,126,768 \$ - \$ - Prefered stock 533,032 - - Dechange-fraded fund 2,298,699 - - Other equity assets 2,204,165 2.204,165 - - Government bonds 49,585,652 - 49,585,652 - - Government bonds 49,585,652 - 49,585,652 - - Corporate bonds 68,959,951 - 68,959,951 - 68,959,951 - Covernment-issued commercial mortgage-backed 96,321 - 96,321 - - Covernment-issued commercial mortgage-backed 96,321 - 1,424,908 - - Commercial mortgage-backed 96,321 - 1,62,032 - - - Commercial mortgage-backed 1,63,378 - 1,53,378 - - - Subtotal 1,763,378 - 1,862,032 - - - - Investments that calculate net asset value Equity funds 42,316,338 - -	Description	Total	Market Prices for Asset	Other Observable Inputs	Unobservable Inputs
Preferred stock 533,032 533,032 - - Exchange-traded fund 2,298,699 - - Other equity assets 2,204,165 2,204,165 - Fixed income - 49,585,652 - Government bonds 49,585,652 - 49,585,652 - Government agencies 6,905,248 - 6,905,248 - Corporate bonds 13,280,185 - 13,280,185 - Government-issued commercial mortgage-backed 9,6321 - 66,321 - Government/sude commercial mortgage-backed 9,6321 - 1,536,378 - Commercial mortgage-backed securities 1,424,908 - 1,424,908 - Non-government backed CMO's 1,862,032 - 1,862,032 - - Invested securities lending collateral 55,069,036 - - - - Invested securities lending collateral 7,31,870 - 55,069,036 - - - Invested securities lending collateral 105,691,957 \$ 52,5160,864 \$ 238,166,114 </th <th>Equities</th> <th></th> <th></th> <th></th> <th></th>	Equities				
Exchange-traded fund 2.298,699 2.298,699 - - Other equity asets 2.204,165 2.204,165 - - Fixed income 49.585,652 - 49,585,652 - - Government bonds 49.585,652 - 49,585,652 - - Government gencies 6,905,248 - 69,052,448 - - Carporate bonds 68,959,951 - 68,959,951 - 68,959,951 - Government mortgage backed securities 39,446,403 - 96,321 - - Government issued commercial mortgage-backed 9,6321 - 94,321 - - Commercial mortgage-backed 1,536,378 - 1,536,378 - - - Commercial mortgage-backed 1,536,378 - 1,542,032 - - - Non-government backed CMO's 1,842,032 - 1,862,032 - - - Invested securities lending collateral 55,069,036 - 55,069,036 - - - Invested securities lendi				\$ -	\$ -
Other equity assets 2.204,165 2.204,165 - - Fixed income - - 49,585,652 - 49,585,652 - - Government bonds 13,280,185 - 13,280,185 - - - Corporate bonds 68,959,951 - 68,959,951 - 68,959,951 - Government mortgage backed securities 39,444,403 - 96,321 - 96,321 - Government-issued commercial mortgage-backed 96,321 - 1,326,378 - 1,336,378 - Commercial mortgage-backed Securities 1,424,908 - 1,424,908 - - - Non-government backed CMO's 1,424,908 - 1,424,908 - - - Invested securities 1,424,908 - 1,424,908 - - - - Invested securities 1,424,908 - 1,424,908 - - - - - - - - - - - - - - - - - <t< td=""><td></td><td></td><td> ,</td><td>-</td><td>-</td></t<>			,	-	-
Fixed income Government bonds 49,585,652 - 49,585,652 - Government agencies 6,905,248 - 6,905,248 - Municipal/Provincial bonds 13,280,185 - 13,280,185 - Corporate bonds 68,959,951 - 68,959,951 - Government mortgage backed securities 39,446,403 - 96,321 - Commercial mortgage-backed 9,6,321 - 96,321 - Commercial mortgage-backed 1,536,378 - 1,536,378 - Commercial mortgage-backed 1,536,378 - 1,536,378 - Commercial mortgage-backed 1,536,378 - 1,526,378 - Commercial mortgage-backed 1,536,378 - 1,242,908 - Non-government backed CMO's 1,862,032 - 1,862,032 - - Invested securities lending collateral 55,069,036 - - - - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Read estate funds 101,247,2948 -<				-	-
Government bonds 49,585,652 - 49,585,652 - Government agencies 6,905,248 - 6,905,248 - Municipal/Provincial bonds 13,280,185 - 13,280,185 - Corporate bonds 68,959,951 - 68,959,951 - Government mortgage backed securities 39,446,403 - 96,321 - Government-issued commercial mortgage-backed 96,321 - 96,321 - Commercial mortgage-backed 9,6323 - 1,424,908 - 1,536,378 - Asset backed securities 1,424,908 - 1,424,908 - 1,820,032 - Forward currency contracts - net 1,998,200 1,998,200 - - - Invested securities lending collateral 25,069,036 - - - - Invested securities funds 7,311,870 + - - - - Invested set funds 105,691,957 8 255,069,036 - - - Real estafe funds 105,691,957 8 - - <td></td> <td>2,204,165</td> <td>2,204,165</td> <td>-</td> <td>-</td>		2,204,165	2,204,165	-	-
Government agencies 6,905,248 - 6,905,248 - Municipal/Provincial bonds 13,280,185 - 13,280,185 - Corporate bonds 68,959,951 - 68,959,951 - Government mortgage backed securities 39,446,403 - 39,446,403 - Government-issued commercial mortgage-backed 96,321 - 96,321 - Commercial mortgage-backed 1,536,378 - 1,536,378 - Non-government backed CMO's 1,862,032 - 1,826,032 - Non-government backed CMO's 1,862,032 - - - Non-government backed CMO's 1,862,032 - - - Invested securities lending collateral 55,069,036 - - - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 2,316,358 - - - Equity funds 7,311,870 - \$ 525,160,864 \$ 238,166,114 \$ Real estate funds 7,311,870 - \$ 5,53,4					
Municipal/Provincial bonds 13,280,185 - 13,280,185 - Corporate bonds 68,959,951 - 68,959,951 - Government mortgage backed securifies 39,446,403 - 39,446,403 - Government-issued commercial mortgage-backed 96,321 - 96,321 - Commercial mortgage-backed 9,536,378 - 1,536,378 - Commercial mortgage-backed 1,536,378 - 1,582,037 - Asset backed securities 1,424,908 - 1,424,908 - Invested securities lending collateral 55,069,036 - - - Investments that calculate net asset value 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Equity funds 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 87,587,432 - - - Equity funds 73,11,870 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 87,587,432 - - - Equity funds 73,11,870	Government bonds		-		-
Corporate bonds 68,959,951 - 68,959,951 - 68,959,951 - Government mortgage backed securities 39,446,403 - 39,446,403 - Government-issued commercial mortgage-backed 96,321 - 96,321 - Commercial mortgage-backed 1,536,378 - 1,536,378 - - Asset backed securities 1,424,908 - 1,424,908 - - Non-government backed CMO's 1,842,032 - 1,862,032 - - Forward currency contracts - net 1,998,000 - - - - Invested securities lending collateral 55,069,036 - - - - Invested securities lending collateral 55,049,732 \$ 525,160,864 \$ 238,166,114 \$ - - Investments that calculate net asset value - - 55,069,036 - <	0	6,905,248	-	6,905,248	-
Government mortgage backed securities 39,446,403 - 39,446,403 - Government-issued commercial mortgage-backed 96,321 - 96,321 - Commercial mortgage-backed 1,536,378 - 1,536,378 - Asset backed securities 1,424,908 - 1,424,908 - Non-government backed CMO's 1,862,032 - 1,862,032 - Forward currency contracts - net 1,998,200 1,998,200 - - Invested securities lending collateral 55,069,036 - - - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value - - - - Equity funds 42,316,358 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value - - - - Equity funds 7,311,870 \$ 525,160,864 \$ 238,166,114 \$ - Private markets funds 105,691,957 \$ - \$ - - - Subtotal 388,795,0023 - -			-		-
Government-issued commercial mortgage-backed 96,321 - 96,321 - Commercial mortgage-backed 1,536,378 - 1,536,378 - Asset backed securities 1,424,908 - 1,424,908 - Non-government backed CMO's 1,862,032 - 1,862,032 - Forward currency contracts - net 1,978,200 1,978,200 - - Invested securities lending collateral 55,069,036 - - - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 42,316,358 - - - Equity funds 7,587,432 * - - - Hedge funds 112,472,946 - - - - Real estate funds 105,691,957 - - - - Subtotal 388,795,023 - - - - Commercial mortgage-scale (1,282,217) \$ (1,282,217) - \$ - Subtotal 55,049,036) - - - - </td <td>•</td> <td>68,959,951</td> <td>-</td> <td>68,959,951</td> <td>-</td>	•	68,959,951	-	68,959,951	-
Commercial mortgage-backed 1,536,378 - 1,536,378 - Asset backed securities 1,424,908 - 1,424,908 - Non-government backed CMO's 1,862,032 - 1,862,032 - Forward currency contracts - net 1,998,200 1,998,200 - - Invested securities lending collateral 55,069,036 - - - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Invested securities lending collateral 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 42,316,358 \$ - - Equity funds 7,311,870 \$ 238,166,114 \$ - Hedge funds 7,311,870 \$ 238,166,114 \$ - Hedge funds 112,472,946 \$ 238,166,114 \$ - Real estate funds 105,691,957 \$ 8 - Real estate funds 105,591,975,023 \$ 38,414,460 \$ 388,795,023 Subtotal 1,187,675,499 \$ -		39,446,403	-		-
Asset backed securities 1,424,908 - 1,424,908 - Non-government backed CMO's 1,862,032 - 1,862,032 - Forward currency contracts - net 1,998,200 1,998,200 - - Invested securities lending collateral 55,069,036 - - - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 42,316,358 \$ 525,160,864 \$ 238,166,114 \$ - Equity funds 7311,870 42,316,358 \$ 525,160,864 \$ 238,166,114 \$ - Private markets funds 7,311,870 42,316,358 \$ 525,160,864 \$ 238,166,114 \$ - Real estate funds 7,311,870 42,316,358 \$ 525,160,864 \$ 238,166,114 \$ - Real estate funds 112,472,946 8 7,587,432 \$ - \$ - \$ - Real estate funds 105,691,957 8 88,795,023 \$ - \$ - \$ - Subtotal 388,795,023 \$ - \$ - \$ - \$ - Liabilities - - (1,282,217)			-		-
Non-government backed CMO's 1,862,032 - 1,862,032 - - Forward currency contracts - net 1,998,200 1,998,200 - - - Invested securities lending collateral 55,069,036 - 55,069,036 - - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 42,316,358 \$ - - Equity funds 42,316,358 \$ - - Fixed income funds 7,311,870 * - - Hedge funds 7,587,432 * - - Private markets funds 112,472,946 * * - Real asset infrastructure fund 33,414,460 388,795,023 - - Subtotal 1,187,675,499 1.187,675,499 - * - Liabilities - (1,282,217) \$ - \$ - Derivatives - net (1,282,217) \$ (1,282,217) \$ - - Subtotal (55,069,036)	Commercial mortgage-backed	1,536,378	-	1,536,378	-
Forward currency contracts - net 1,998,200 1,998,200 -	Asset backed securities	1,424,908	-	1,424,908	-
Invested securities lending collateral 55,069,036 - 55,069,036 - Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 42,316,358 \$ 525,160,864 \$ 238,166,114 \$ - Equity funds 42,316,358 7,311,870 - - - - Hedge funds 7,587,432 7,587,432 - - - - Private markets funds 112,472,946 88,755,023 - - - - Real estate funds 105,691,957 388,795,023 - - - - - Cash and short-term investments 33,814,460 388,795,023 -	Non-government backed CMO's	1,862,032	-	1,862,032	-
Subtotal 763,326,978 \$ 525,160,864 \$ 238,166,114 \$ - Investments that calculate net asset value 42,316,358 \$ 525,160,864 \$ 238,166,114 \$ - Equity funds 42,316,358 * * * * * Hedge funds 7,311,870 * * * * * Private markets funds 112,472,946 * * * * * Real estate funds 105,691,957 *	Forward currency contracts - net	1,998,200	1,998,200	-	-
Investments that calculate net asset value Equity funds 42,316,358 Fixed income funds 7,311,870 Hedge funds 87,587,432 Private markets funds 112,472,946 Real estate funds 105,691,957 Real asset infrastructure fund 33,414,460 Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) \$ - \$ - Derivatives - net (1,282,217) \$ (1,282,217) Subtotal (55,069,036) - Subtotal (56,351,253) \$ (1,282,217)	Invested securities lending collateral	55,069,036		55,069,036	
Equity funds 42,316,358 Fixed income funds 7,311,870 Hedge funds 87,587,432 Private markets funds 112,472,946 Real estate funds 105,691,957 Real asset infrastructure fund 33,414,460 Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253) Subtotal (55,069,036)	Subtotal	763,326,978	\$ 525,160,864	\$ 238,166,114	<u>\$</u> -
Fixed income funds 7,311,870 Hedge funds 87,587,432 Private markets funds 112,472,946 Real estate funds 105,691,957 Real asset infrastructure fund 33,414,460 Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253) Subtotal (55,069,036)	Investments that calculate net asset value				
Hedge funds 87,587,432 Private markets funds 112,472,946 Real estate funds 105,691,957 Real asset infrastructure fund 33,414,460 Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253) Subtotal (1,282,217)	Equity funds	42,316,358			
Private markets funds 112,472,946 Real estate funds 105,691,957 Real asset infrastructure fund 33,414,460 Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253)	Fixed income funds	7,311,870			
Real estate funds 105,691,957 Real asset infrastructure fund 33,414,460 Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253)	Hedge funds	87,587,432			
Real asset infrastructure fund 33,414,460 Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Subtotal (55,069,036) Subtotal - Subtotal (56,351,253) Subtotal -	Private markets funds	112,472,946			
Subtotal 388,795,023 Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Scurities lending cash collateral (55,069,036) Subtotal (56,351,253)	Real estate funds	105,691,957			
Cash and short-term investments 35,553,498 Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Scurities lending cash collateral (55,069,036) Subtotal (56,351,253)	Real asset infrastructure fund	33,414,460			
Subtotal 1,187,675,499 Liabilities (1,282,217) Derivatives - net (1,282,217) Securities lending cash collateral (55,069,036) Subtotal (56,351,253)	Subtotal	388,795,023			
Liabilities Derivatives - net (1,282,217) \$ - \$ - Securities lending cash collateral (55,069,036) - Subtotal (56,351,253) \$ (1,282,217)	Cash and short-term investments	35,553,498			
Derivatives - net (1,282,217) \$ (1,282,217) \$ - \$ - Securities lending cash collateral	Subtotal	1,187,675,499			
Securities lending cash collateral (55,069,036) - (55,069,036) - Subtotal (56,351,253) \$ (1,282,217) \$ (55,069,036) \$ -	Liabilities				
Subtotal (56,351,253) <u>\$ (1,282,217)</u> <u>\$ (55,069,036)</u> <u>\$ -</u>	Derivatives - net	(1,282,217)	\$ (1,282,217)		\$-
	Securities lending cash collateral	(55,069,036)	-	(55,069,036)	-
Total investments at fair value - net <u>\$1,131,324,246</u>	Subtotal	(56,351,253)	<u>\$ (1,282,217)</u>	<u>\$ (55,069,036)</u>	<u>\$</u> -
	Total investments at fair value - net	\$1,131,324,246			

The following is a summary of the inputs used as of December 31, 2023, in valuing investments carried at fair value:

Prices for Observable Unc Asset Inputs	gnificant observable Inputs Level 3)
Common stock \$ 477,656,035 \$ 477,656,035 \$ - \$ Preferred stock 1,224,045 1,224,045 1,224,045 - - \$ Exchange-traded fund 2,887,701 2,887,701 - - - Other equity assets 2,655,657 2,655,657 - - - Fixed income - 40,665,543 - 40,665,543 - - Government bonds 40,665,543 - 8,170,382 - 8,170,382 - - Municipal/Provincial bonds 15,570,168 - 15,570,168 - 15,570,168 Corporate bonds 68,630,476 - 68,630,476 - 932,107	
Preferred stock 1,224,045 1,224,045 - Exchange-traded fund 2,887,701 2,887,701 - Other equity assets 2,655,657 2,655,657 - Fixed income 40,665,543 - 40,665,543 Government bonds 40,665,543 - 8,170,382 Municipal/Provincial bonds 15,570,168 - 15,570,168 Corporate bonds 68,630,476 - 68,630,476 Corporate convertible bonds 932,107 - 932,107	
Exchange-traded fund 2,887,701 2,887,701 - Other equity assets 2,655,657 2,655,657 - Fixed income 40,665,543 - 40,665,543 Government bonds 40,665,543 - 8,170,382 Municipal/Provincial bonds 15,570,168 - 15,570,168 Corporate bonds 68,630,476 - 68,630,476 Corporate convertible bonds 932,107 - 932,107	-
Other equity assets 2,655,657 2,655,657 - Fixed income - - - - Government bonds 40,665,543 - 40,665,543 - 40,665,543 Government agencies 8,170,382 - 8,170,382 - 8,170,382 Municipal/Provincial bonds 15,570,168 - 15,570,168 - 15,570,168 Corporate bonds 68,630,476 - 68,630,476 - 932,107	-
Fixed income 40,665,543 40,665,543 Government bonds 40,665,543 40,665,543 Government agencies 8,170,382 8,170,382 Municipal/Provincial bonds 15,570,168 15,570,168 Corporate bonds 68,630,476 68,630,476 Corporate convertible bonds 932,107 932,107	-
Government bonds 40,665,543 - 40,665,543 Government agencies 8,170,382 - 8,170,382 Municipal/Provincial bonds 15,570,168 - 15,570,168 Corporate bonds 68,630,476 - 68,630,476 Corporate convertible bonds 932,107 - 932,107	-
Government agencies 8,170,382 - 8,170,382 Municipal/Provincial bonds 15,570,168 - 15,570,168 Corporate bonds 68,630,476 - 68,630,476 Corporate convertible bonds 932,107 - 932,107	
Municipal/Provincial bonds 15,570,168 - 15,570,168 Corporate bonds 68,630,476 - 68,630,476 Corporate convertible bonds 932,107 - 932,107	-
Corporate bonds 68,630,476 - 68,630,476 Corporate convertible bonds 932,107 - 932,107	-
Corporate convertible bonds 932,107 - 932,107	-
	-
Government mortgage backed securities 40,350,849 - 40,350,849	-
	-
Government-issued commercial mortgage-backed 104,840 - 104,840	-
Commercial mortgage-backed 2,375,643 - 2,375,643	-
Asset backed securities 1,616,076 - 1,616,076	-
Non-government backed CMO's 1,605,004 - 1,605,004	-
Invested securities lending collateral 63,013,873 - 63,013,873	
Subtotal 727,458,399 \$ 484,423,438 \$ 243,034,961 \$	
Investments that calculate net asset value	
Equity funds 24,376,789	
Fixed income funds 6,774,993	
Hedge funds 83,880,687	
Private markets funds 107,274,487	
Real estate funds 118,442,214	
Real asset infrastructure fund 31,571,926	
Subtotal 372,321,096	
Cash and short-term investments 34,651,220	
Subtotal 1,134,430,715	
Liabilities	
Derivatives - net (2,206,477) \$ (2,206,477) \$ - \$	-
Securities lending cash collateral (63,013,873) - (63,013,873)	-
Subtotal (65,220,350) <u>\$ (2,206,477)</u> <u>\$ (63,013,873)</u> <u>\$</u>	-
Total investments at fair value - net <u>\$ 1,069,210,365</u>	

Fair Value of Investments that Calculate Net Asset Value

Authoritative guidance on fair value measurements permits the Plan to measure the fair value of an investment entity that does not have a readily determinable fair value based upon the NAV per share or its equivalent of the investment.

Fair Value of Investments that Calculate Net Asset Value (continued)

The following tables summarize the Plan's investments in certain entities that calculate NAV per share as fair value measurement as of December 31, 2024 and 2023:

2024	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Equity funds	\$ 42,316,358	\$ -	As needed	Daily, monthly
Fixed income funds	7,311,870	-	As needed	Daily
Hedge funds	87,587,432	402,460	As needed	30 - 95 Days or Not eligible
Private markets funds	112,472,946	17,052,728	N/A	Not eligible
Real estate funds	105,691,957	513,041	As needed / N/A	30 - 45 Days or Not eligible
Real asset infrastructure				
fund	33,414,460		As needed	45 Days
	<u>\$ 388,795,023</u>	<u>\$ 17,968,229</u>		
2023	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Equity funds	\$ 24,376,789	\$-	As needed	Daily
Fixed income funds	6,774,993		As needed	Daily
Hedge funds	83,880,687		As needed	30 - 95 Days or Not eligible
Private markets funds	107,274,487	19,408,614	N/A	Not eligible
Real estate funds	118,442,214	3,306,374	As needed / N/A	30 - 45 Days or Not eligible
Real asset infrastructure				
C 1				
fund	31,571,926		As needed *	45 Days

* Hard lockup until May 31, 2023

Equity funds: Two funds as of December 31, 2024 and 2023. In 2024 both funds invest in emerging market equities. In 2023, one fund invested in Indian shares and the other fund invested in emerging market small cap equities.

Fixed income funds: One fund as of December 31, 2024 and 2023. The fund invests in U.S. dollar-denominated high-yield bonds.

Hedge funds: Six funds as of December 31, 2024 and 2023. Four hedge funds in 2024 and 2023 invest in a select group of underlying managers that implement different alternative investment strategies and invest in a variety of markets through limited partnerships, limited liability companies, and other investment entities. One hedge fund invests in or sells short securities, typically of fixed income securities and employs a long-short credit strategy. One hedge fund writes collateralized put options on the S&P 500 Index.

Private markets funds: Fifteen funds as of December 31, 2024 and fourteen funds as of December 31, 2023. The private markets funds comprise limited partnership interests in equity or debt securities of privately held companies. Private markets funds are not eligible for redemption.

Real estate funds: Eight funds as of December 31, 2024 and 2023. The real estate funds comprise core, value-added, and opportunistic real estate funds. Real estate funds that are closed-end funds, six out of the eight real estate funds, are not eligible for redemption. The remaining two funds are open-ended funds with 30 days and 45 days notice for redemption, subject to a redemption gate exercised at the discretion of the manager.

Real asset infrastructure funds: One fund as of December 31, 2024 and one as of 2023. The infrastructure fund is a core fund with 45 days' notice for redemptions.

Investment Policies, Asset Allocation and Money Weighted Rate of Return

Investments are governed by the Statutes. The prudent person rule, which establishes a standard of care for all fiduciaries, is an important aspect of the Statutes. The prudent person rule states that fiduciaries must discharge their duties with the care, skill, prudence and diligence that a prudent person acting in a like capacity and familiar with such matters would use under conditions prevailing at the time. The Plan is authorized to invest in bonds, notes, certificates of indebtedness, mortgage notes, real estate, stocks, shares, debentures, or other obligations or securities as set forth in the Statutes.

The Plan's policy regarding the allocation of invested assets is established and may be amended by the Board. It is the policy of the Board to pursue an investment strategy that reduces risk through the prudent diversification of the portfolio across a broad selection of distinct asset classes.

The following was the Board's adopted asset allocation as of December 31, 2024 (adopted July 23, 2024).

Asset Class	Target
U.S. equity	22.0%
Non-U.S. equity	15.0%
Global low volatility equity	4.0%
Fixed income	26.0%
Private debt	6.0%
Private equity	6.0%
Real estate	8.0%
Private real assets	3.0%
Hedge funds	8.0%
Cash	<u>2.0</u> %
	<u>100.0</u> %

For the year ended December 31, 2024, the annual money weighted rate of return on pension plan investments, net of pension plan investment expense, was 9.0%. The money weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Investment Risk Factors

There are many factors that can affect the value of investments. Some, such as custodial credit risk, concentration of credit risk, interest rate risk, and foreign currency risk may affect both equity and fixed income securities. Equity securities respond to such factors as economic conditions, individual company earnings performance, and market liquidity, while fixed income securities are particularly sensitive to credit risk and risk associated with changes in interest rates.

Investment Summary

All the Plan's financial instruments are consistent with the permissible investments outlined in the Statutes. The following table presents the composition of investments, by investment type, as of December 31, 2024 and 2023. At December 31, 2024 and 2023, no single investment represented 5% or more of the Plan's net position.

	2024	2023
Cash and short-term investments	<u>\$ 35,553,498</u>	<u>\$ 34,651,220</u>
Equities		
U.S. equities	368,511,070	314,871,154
Foreign equities	154,651,594	169,552,284
Equity funds	42,316,358	24,376,789
Total equities	565,479,022	508,800,227
Fixed income		
U.S. Government obligations and municipal bonds	85,171,594	85,428,987
U.S. corporate bonds	37,469,732	38,592,174
Foreign fixed income	60,455,752	55,999,927
Fixed income funds	7,311,870	6,774,993
Total fixed income	190,408,948	186,796,081
Private markets	112,472,946	107,274,487
Real estate	105,691,957	118,442,214
Hedge funds	87,587,432	83,880,687
Real asset infrastructure fund	33,414,460	31,571,926
Forward Currency Contracts - net	1,998,200	
Security lending cash collateral	55,069,036	63,013,873
Subtotal	1,187,675,499	1,134,430,715
Liabilities		
Derivatives - net	(1,282,217)	(2,206,477)
Securities lending cash collateral	(55,069,036)	(63,013,873)
Subtotal	(56,351,253)	(65,220,350)
Total investments at fair value - net	\$ 1,131,324,246	\$ 1,069,210,365

Short-term investments include commercial paper or notes having maturity of less than 90 days or pooled short-term investment funds managed by Northern Trust. Under the terms of the investment agreement for these funds, Northern Trust may invest in a variety of short-term investment securities.

Custodial Credit Risk

Custodial credit risk for deposits is the risk that in the event of a financial institution failure, the Plan's deposits may not be returned to it. The Plan does not have a formal deposit policy for custodial credit risk. As of December 31, 2024 and 2023, the following investments were uninsured and unregistered, with securities held by the counterparty or by its trust department or agent but not in the Plan's name.

	 2024	2023		
Amount exposed to custodial credit-risk				
Investment in foreign currency	\$ 476,022	<u>\$</u>	788,374	

Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations to pay interest or principal in a timely manner, or that negative perception of the issuer's ability to make payments will cause a decline in the security's price. U.S. Government obligations or obligations explicitly guaranteed by the U.S. Government are not considered to have credit risk and do not require disclosure of credit quality.

The investment portfolio of the Plan is managed by professional investment management firms. These firms are required to maintain diversified portfolios. The Plan does not have a formal policy on concentration of credit risk. Each investment manager complies with risk management guidelines individually assigned to them as part of their Investment Management Agreement.

A bond's credit quality is a standard used by the investment community to assess the issuer's ability to make interest payments and to ultimately make principal payments. Credit quality is evaluated by one of the independent bond-rating agencies, for example Moody's Investors Service (Moody's) or S & P Global Ratings (S&P). In the rating agency's opinion, the lower the rating, the greater the chance that the bond issuer will default or fail to meet its payment obligations.

The following table presents the credit risk profile, based on Moody's Investors Service for fixed income securities held by the Plan as of December 31, 2024 and 2023.

		2024		2023
Quality Rating				
Aaa	\$	41,385,880	\$	38,957,336
Aa		10,864,499		14,210,827
A		18,419,718		20,031,535
Ваа		34,729,410		37,099,639
Ва		12,698,155		9,718,144
В		6,315,931		6,973,383
Caa		610,758		89,395
Not rated or unavailable		18,034,574		12,588,552
Total credit risk debt - securities		143,058,925		139,668,811
Guaranteed by U.S. Government		40,038,153		40,352,277
Fixed income funds - not rated		7,311,870		6,774,993
Total fixed income	<u>\$</u>	190,408,948	<u>\$</u>	186,796,081

Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The price of a debt security typically moves in the opposite direction of the change in interest rates. The Plan does not have a formal investment policy that limits investment maturities as a means of managing its exposure to interest rate risk. However, the investment managers have diversified the portfolio to reduce the impact of losses in an individual investment and typically align the portfolio's duration with that of the benchmark.

At December 31, 2024, the following table shows the investments by investment type and maturity.

		December 31, 2024										
		Fair		1 Year		1+ to 6		6+ to 10		10+		
Investment Type		Value		or Less		Years		Years		Years		Variable
Asset backed securities	\$	1,424,908	\$	-	\$	1.372.897	\$	3,108	\$	48,903	\$	-
Commercial mortgage backed		1,536,378		-	'	258,124		-	1	1,278,254	'	-
Corporate bonds		68,959,951		2,808,517		34,717,964		19,434,965		11,998,505		-
Fixed income funds		7,311,870		-		-		-		-		7,311,870
Government agencies		6,905,248		-		2,678,428		3,496,988		729,832		-
Government bonds		49,585,652		1,898,714		20,355,428		14,881,921		12,449,589		-
Government mortgage backed		39,446,403		-		614,738		144,917		38,686,748		-
Government issued commercial												
mortgage backed		96,321		-		-		-		96,321		-
Municipal bonds		13,280,185		59,877		2,479,282		1,489,795		9,251,231		-
Non-government backed CMO's		1,862,032		-		-		-		1,862,032		-
Total fixed income	<u>\$</u> 1	90,408,948	\$	4,767,108	\$	62,476,861	\$	39,451,694	\$	76,401,415	\$	7,311,870

At December 31, 2023, the following table shows the investments by investment type and maturity.

			Decembe	er 31, 2023		
	Fair	1 Year	1+ to 6	6+ to 10	10+	
Investment Type	Value	or Less	Years	Years	Years	Variable
Asset backed securities	\$ 1,616,076	\$ -	\$ 1,532,804	\$ 7,446	\$ 75,826	\$-
Commercial mortgage backed	2,375,643	-	420,528	-	1,955,115	-
Corporate bonds	68,630,476	1,761,527	37,736,108	18,144,597	10,988,244	-
Corporate convertible bonds	932,107	-	-	932,107	-	-
Fixed income funds	6,774,993	-	-	-	-	6,774,993
Government agencies	8,170,382	-	4,420,379	1,807,760	1,942,243	-
Government bonds	40,665,543	447,925	15,680,323	13,895,434	10,641,861	-
Government mortgage backed	40,350,849	-	165,448	1,025,263	38,373,950	786,188
Government issued commercial						
mortgage backed	104,840	-	-	-	104,840	-
Municipal/provincial bonds	15,570,168	-	3,112,364	3,016,654	9,441,150	-
Non-government backed CMO's	1,605,004				1,605,004	
Total fixed income	\$ 186,796,081	\$ 2,209,452	\$ 63,067,954	\$ 38,829,261	\$ 75,128,233	\$ 7,561,181

Investment Results

During the years ended December 31, 2024 and 2023, net realized gains (losses) on investments sold, reflecting the difference between the proceeds received and cost value of securities sold, were gains of \$35,771,722 and \$5,873,570, respectively. These amounts are included in the net appreciation (depreciation) in fair value of investments as reported on the Statements of Changes in Fiduciary Net Position. The calculation of realized gains and losses is independent of the calculation of net appreciation in the fair value of the Plan's investments. Investments purchased in a previous year and sold in the current year results in their realized gains and losses being reported in the current year and their net appreciation in Plan assets being reported in both the current and the previous year(s).

Foreign Currency Risk

The international portfolio is constructed on the principles of diversification, quality, growth and value. Risk of loss arises from changes in currency exchange rates. While not having a formal investment policy governing foreign currency risk, the Plan does manage its exposure to fair value loss by requiring the international securities managers to maintain diversified portfolios to limit foreign currency and security risk.

The Plan's exposure to foreign currency risk as of December 31, 2024 and 2023, is presented in the following table.

	2024	%	2023	%
United Arab Emirate dirham	\$-	0.0%	\$ 198,946	0.1%
Australian dollar	4,666,904	3.8%	10,523,340	7.6%
Brazilian real	745,241	0.6%	3,169,822	2.3%
Canadian dollar	8,763,369	7.1%	9,374,360	6.8%
Swiss franc	5,659,580	4.6%	1,121,815	0.8%
Chilean Peso	489,803	0.4%	149,450	0.1%
HK offshore Chinese yuan renminbi	796,286	0.6%	1,424,128	1.0%
Czech koruna	25,537	0.0%	-	0.0%
Danish krone	4,286,688	3.5%	4,483,988	3.2%
Euro	35,040,711	28.2%	40,761,872	29.4%
British pound sterling	15,942,265	12.9%	12,677,559	9.1%
Hong Kong dollar	12,449,156	10.0%	10,955,909	7.9%
Chinese yuan renminbi	-	0.0%	199,317	0.1%
Hungarian forint	163,250	0.1%	143,294	0.1%
Indonesian rupiah	599,013	0.5%	2,899,927	2.1%
New Israeli shekel	214,632	0.2%	464,041	0.3%
Japanese yen	22,242,381	18.0%	28,704,386	20.7%
South Korean won	1,220,182	1.0%	3,896,031	2.8%
Mexican peso	1,280,553	1.0%	2,377,315	1.7%
M alaysian ringgit	172,588	0.1%	-	0.0%
Norwegian krone	1,605,772	1.3%	1,215,156	0.9%
New Zealand dollar	95,842	0.1%	(373,100)	- 0.3%
Philippine peso	256,869	0.2%	157,559	0.1%
Polish zloty	254,738	0.2%	632,752	0.5%
Saudi riyal	-	0.0%	526,618	0.4%
Swedish krona	4,103,966	3.3%	221,594	0.2%
Singapore dollar	1,460,179	1.2%	773,920	0.6%
Thai baht	335,317	0.3%	378,404	0.3%
South African rand	1,039,092	0.8%	1,595,964	<u> </u>
Total	<u>\$ 123,909,914</u>	<u> 100.0</u> %	<u>\$ 138,654,367</u>	<u> 100.0</u> %

Derivatives

The Plan's investment managers may enter into derivative transactions as permitted by their guidelines. A derivative financial instrument is an investment whose payoff depends on the value of an underlying, such as bond or stock prices, a market index, or commodity prices. Derivative financial instruments involve, to varying degrees, credit risk and market risk. Credit risk is the possibility that a loss may occur because a party to a transaction fails to perform according to terms. The Plan's investment managers seek to control this risk through counterparty credit evaluations and approvals, counterparty credit limits and exposure monitoring procedures. Market risk is the possibility that a change in interest or currency rates will cause the value of a financial instrument to decrease or become more costly to settle. The market risk associated with derivatives, the prices of which are constantly fluctuating, is regulated by imposing strict limits as to the types, amounts, and degree of risk that investment managers may undertake.

The Plan's derivative investments included foreign currency forward contracts, financial futures and swaps. Foreign currency forward contracts are used to hedge against the currency risk in the Plan's foreign stock and fixed income security portfolios. Financial futures are used to improve yield, adjust the duration of the fixed income portfolio, or to hedge changes in interest rates. Swaps are used to hedge duration, fine tune interest rate strategy and facilitate gaining exposure to the asset class or hedging cash bond exposure in a cost-efficient manner.

The following table summarizes the derivatives held within the Plan's investment portfolio as of December 31, 2024 and 2023:

	20)24	2023			
Derivative Type	Notional Amount	Fair Value	Notional Amount	Fair Value		
Hedging derivative instruments Foreign currency forward contracts purchased Foreign currency forward contracts sold Total hedging derivative instruments	\$	\$ 171,404,972 (169,406,772) 1,998,200	\$ - 	\$ 214,630,370 (215,855,877) (1,225,507)		
Investment derivative instruments Futures Fixed income	11,892,028		27,685,127			
Total	<u>\$ 11,892,028</u>	<u>\$ 1,998,200</u>	<u>\$ 27,685,127</u>	<u>\$ (1,225,507</u>)		

Foreign currency forward contracts are agreements to buy or sell a specific amount of a specific currency at a specified delivery or maturity date for an agreed upon price. The gain or loss on forward contracts is recognized as deferred inflows/outflows on the Statements of Fiduciary Net Position until the contract is closed or is sold at which time a gain or loss is recognized in the Statements of Changes in Fiduciary Net Position. The counterparties to the foreign currency forward contracts are banks which are rated A, or above, by rating agencies.

The fair value of forward contracts outstanding at December 31, 2024 and 2023 is as follows:

	Fair	Value
Currency	2024	2023
Foreign currency exchange purchases		
Australian dollar	\$ 7,803,334	\$ 15,057,137
Canadian dollar	5,286,109	7,570,542
Swiss franc	3,974,642	9,381,259
Danish krone	-	25,072
Euro	27,485,990	30,607,210
British pound sterling	6,112,853	8,934,659
Indonesian rupiah	-	1,254
Japanese yen	6,229,678	8,136,031
South Korea won	280,387	97
Mexican peso	481,434	590,903
Norwegian krone	3,582,591	5,798,836
New Zealand dollar	5,157,063	7,065,148
Polish zloty	28,286	29,720
Swedish krona	5,702,530	4,878,268
United States dollar	99,140,052	116,409,772
South African rand	140,023	144,462
Total purchases	<u>\$ 171,404,972</u>	<u>\$ 214,630,370</u>

	Fair Value				
Currency	2024	2023			
Foreign currency exchange sales					
Australian dollar	\$ (8,271,414)	\$ (13,067,960)			
Brazilian real	(60)	(77)			
Canadian dollar	(5,210,290)	(8,435,182)			
Swiss franc	(3,584,585)	(13,248,584)			
Euro	(41,813,483)	(38,279,798)			
British pound sterling	(12,643,222)	(16,303,527)			
Hong Kong dollar	-	(5,547)			
Japanese yen	(6,953,972)	(7,086,613)			
South Korea won	(263,167)	(624)			
Mexican peso	(482,837)	(592,625)			
Norwegian krone	(3,158,307)	(5,168,953)			
New Zealand dollar	(6,888,981)	(10,228,275)			
Swedish krona	(5,576,384)	(9,708,948)			
United States dollar	(74,420,177)	(93,584,836)			
South African rand	(139,893)	(144,328)			
Total sales	<u>\$ (169,406,772</u>)	<u>\$ (215,855,877</u>)			

Financial futures are similar to forward contracts, except futures contracts are standardized and traded on organized exchanges. As the market value of the underlying assets vary from the original contract price, a gain or loss is recognized in the Statements of Changes in Fiduciary Net Position and is settled through the clearinghouse.

Rights and warrants allow the Plan's investment managers to replicate any underlying security they wish to hold (sell) in the portfolio. Rights and warrants provide the holder with the right, but not the obligation, to buy or sell a company's stock at a predetermined price. Rights usually expire after a few weeks and warrants can expire from one to several years. These investments are reported within the equity's classification.

The following table summarizes the changes in fair value, which were recognized as income in the Plan's Statements of Changes in Fiduciary Net Position for the years ended December 31, 2024 and 2023:

	Changes in Fair Value					
Derivative Type	2024			2023		
Foreign currency forward contracts	\$	2,069,507	\$	(527,650)		
Futures		(375,924)		171,178		
Rights/warrants		1,559		(120,096)		
Swaps	. <u> </u>	<u>(463,741)</u>		(1,357,147)		
Total	<u>\$</u>	1,231,401	\$	<u>(1,833,715</u>)		

NOTE 4. SECURITIES LENDING

The Statutes and the Board permit the Plan to lend its securities to broker-dealers and other entities with a simultaneous agreement to return the collateral for the same securities in the future. Deutsche Bank, acting as lending agent, lends securities for collateral in the form of cash, U.S. Government obligations and Non-U.S. sovereign debt securities equal to 102% of the fair value of domestic securities and foreign securities that are denominated in the same currency as the collateral provided plus accrued interest and 105% of the fair value of foreign securities that are not denominated in the same currency as the collateral provided plus accrued interest.

The Plan receives 85% of the net revenue derived from the securities lending activities, and the lending agent receives the remainder of the net revenue.

The Plan is currently not restricted as to the type of securities it may loan. The Plan does not have the right to sell or pledge securities received as collateral unless the borrower defaults.

The average term of securities loaned was 90 days at December 31, 2024 and 58 days at December 31, 2023; however, any loan may be terminated on demand by either the Plan or the borrower. Cash collateral may be invested in a short-term investment pool, which had an average weighted maturity of 45 days at December 31, 2024 and 2023. Cash collateral may also be invested in term loans, in which the investments (term loans) match the term of the securities loaned. These loans can be terminated on demand by either the lender or the borrower.

At December 31, 2024 and 2023, the Plan had no credit risk exposure to borrowers because the amounts owed to the borrowers exceeded the amounts owed to the Plan. At December 31, 2024 and 2023, the fair value of securities loaned was as follows:

	 2024		2023
Equities	\$ 34,901,662	\$	43,202,200
Fixed income	 23,054,140		25,153,718
Total	\$ 57,955,802	\$	68,355,918

At December 31, 2024 and 2023, the securities loaned were collateralized as follows:

	2024			2023		
Collateralized by cash Collateralized by other than cash	\$	55,069,036 4,154,995	\$	63,013,873 6,875,450		
Total	\$	59,224,031	\$	69,889,323		

NOTE 4. SECURITIES LENDING (CONTINUED)

During the years ended December 31, 2024 and 2023, there were no losses due to default of a borrower or the lending agent. The contract with the Plan requires the lending agent to indemnify the Plan if borrowers fail to return the securities (and if the collateral is inadequate to replace the securities lent) or fail to pay the Plan for income distributions by the issuers of securities while the securities are on loan.

NOTE 5. MORTGAGE-BACKED SECURITIES

The Plan invests in mortgage-backed securities, representing interests in pools of mortgage loans, as part of its interest rate risk management strategy. The mortgagebacked securities are not used to leverage investments in fixed income portfolios. The mortgage-backed securities held by the Plan were guaranteed by federally sponsored agencies, such as: Government National Mortgage Association, Federal National Mortgage Association and Federal Home Loan Mortgage Corporation.

The financial instruments are carried at fair value and are included in investments on the Statements of Fiduciary Net Position. The gain or (loss) on financial instruments is recognized and recorded on the Statements of Changes in Fiduciary Net Position as part of investment income.

NOTE 6. DEFERRED COMPENSATION PLAN

The Plan offers its employees a deferred compensation plan established in accordance with Internal Revenue Code Section 457. The deferred compensation plan, which is funded through employee contributions, is available to all Plan employees and permits them to defer a portion of their salary until future years. The deferred compensation plan is managed by a third-party administrator and participation by employees is optional. The assets of the deferred compensation plan are placed in trust with the third party for the exclusive benefit of the participants and their beneficiaries and are not considered assets of the Plan.

NOTE 7. SUMMARY OF EMPLOYER FUNDING POLICIES

For years prior to 2018, the City levied a tax annually which, when added to the amounts deducted from the salaries of the employees or otherwise contributed by them, was sufficient for the requirements of the Plan. The tax produced an amount that did not exceed the amount of contributions by the employees to the Plan made in the calendar year two years prior to the year for which the annual applicable tax was levied, multiplied by 1.00. Beginning in payment year 2018, the City's required annual contribution to the Plan was: for 2018, \$36,000,000; for 2019, \$48,000,000; for 2020, \$60,000,000; for 2021, \$72,000,000; and for 2022, \$84,000,000. For payment years 2023 through 2058, the City's required annual contribution to the Plan shall be the amount determined by the Plan to be equal to the sum of the City's portion of projected normal cost for that fiscal year plus

NOTE 7. SUMMARY OF EMPLOYER FUNDING POLICIES (CONTINUED)

an amount determined on a level percentage of applicable employee payroll basis that is sufficient to bring the total actuarial assets of the Plan up to 90% of the total actuarial liabilities of the Plan by the end of 2058. For payment years after 2058, the City's required annual contribution to the Plan shall be equal to the amount, if any, needed to bring the total actuarial assets of the Plan up to 90% of the total actuarial liabilities of the Plan by the end of the year.

When the balance of the prior service reserve equals its liabilities (including in addition to all other liabilities, the present value of all annuities, present or prospective, according to applicable mortality tables and rates of interest), the City shall cease to contribute the amounts to provide prior service annuities and other annuities and benefits.

The actuarial valuations of the Plan as of December 31, 2024 (2025 Actuarially Determined Contribution (ADC)) and as of December 31, 2023 (2024 ADC) indicated that a minimum annual contribution was required by the City to maintain the Plan on a minimum valuation basis.

The recommended minimum annual contribution based on an annual payroll of \$252,855,634 for 2,735 members for 2025 and \$238,725,119 for 2,643 active members for 2024 is computed as follows:

		2025	2024		
Normal cost 30 year level dollar amortization of	\$	48,713,354	\$	46,855,656	
unfunded liability payable mid-year Interest adjustment for May 1st payment date Total minimum contribution Less estimated plan member contributions	_	134,818,966 9,024,514 192,556,834 (22,212,069)		133,585,082 8,944,150 189,384,888 (20,557,064)	
Actuarially Determined Contribution	<u>\$</u>	170,344,765	<u>\$</u>	168,827,824	

NOTE 8. NET PENSION LIABILITY OF THE PLAN

The components of the net pension liability of the Plan at December 31, 2024 were as follows:

Total pension liability Plan fiduciary net position	\$ 3,127,453,272 <u>1,260,169,474</u>
Net pension liability	<u>\$ 1,867,283,798</u>
Plan fiduciary net position as a percentage of total pension liability	40.29%

NOTE 8. NET PENSION LIABILITY OF THE PLAN (CONTINUED)

Actuarial Assumptions - The total pension liability was determined by an actuarial valuation as of December 31, 2024, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.25 percent
Salary increases	3.00 percent wage inflation plus service-related productivity and merit rates
Investment rate of return	6.75 percent, net of investment expense, including inflation

The total pension liability was determined by an actuarial valuation as post-retirement mortality rates were based on scaling factors of 109% for males, and 108% for females of the Pub-2010 Amount-weighted-Below-median Income General Healthy Retiree Mortality Tables, sex distinct, with generational mortality improvement using MP-2020 2-dimensional mortality improvement scales. This assumption provides a margin for mortality improvements.

Pre-retirement mortality rates were based on scaling factors of 111% for males, and 115% for females of the Pub-2010 Amount-weighted-Below-median Income General Employee Mortality Tables, sex distinct, with generational mortality improvement using MP-2020 2-dimensional mortality improvement scales. This assumption provides a margin for mortality improvements.

The actuarial assumptions used in the December 31, 2024 valuation were based on the results of an actuarial experience study for the period of January 1, 2017 through December 31, 2019.

The long-term expected rate of return on pension plan investments was determined by taking into consideration the Plan's target asset allocation along with long-term capital markets assumptions - estimated expected returns, volatilities, and correlations among different asset classes - from a variety of nationally known investment consulting firms. Each set of capital markets assumptions was used to calculate an estimated geometric real rate of return for the Plan's target asset allocation, which was then converted to a nominal rate based on the Plan's inflation assumption, as well as an estimate of portfolio volatility. An average of the expected return and volatility figures across all sets of capital markets assumptions was used to calculate an aggregate distribution in order to determine an acceptable range of expected rates of return. The long-term expected rate of return on pension plan investments falls within this range.

NOTE 8. NET PENSION LIABILITY OF THE PLAN (CONTINUED)

Best estimates of geometrically determined real rates of return for each major asset class included in the Plan's target asset allocation as of December 31, 2024, utilizing the assumed rate of inflation of 2.25%, are summarized in the table below:

	Long-term Expected
Asset Class	Real Rate of Return
U.S. equity	5.4%
Non-U.S. equity	5.4
Global low volatility equity	3.6
Fixed income	1.3
Hedge funds	3.2
Private debt	7.0
Private equity	8.1
Real estate	4.1
Private real assets	4.7

Single Discount Rate

A Single Discount Rate of 6.64% was used to measure the total pension liability. This Single Discount Rate was based on an expected rate of return on pension plan investments of 6.75% and a municipal bond rate of 4.08%. The projection of cash flows used to determine this Single Discount Rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made under the statutory funding policy. Based on these assumptions, the pension plan's fiduciary net position and future contributions were sufficient to finance the benefit payments only through the year 2080. As a result, the long-term expected rate of return on pension plan investments was applied to projected benefit payments through the year 2080, and the municipal bond rate was applied to all benefit payments after that date.

Regarding the sensitivity of the net pension liability to changes in the Single Discount Rate, the following presents the plan's net pension liability, calculated using a Single Discount Rate of 6.64%, as well as what the plan's net pension liability would be if it were calculated using a Single Discount Rate that is 1-percentage-point lower or 1-percentage-point higher:

SENSITIVITY OF NET PENSION LIABILITY TO THE SINGLE DISCOUNT RATE ASSUMPTION

	1% Decrease 5.64%	Assumption 6.64%	1% Increase 7.64%	
Plan's net pension liability	\$ 2,232,731,004	\$ 1,867,283,798	\$ 1,560,411,294	

NOTE 9. RESERVES FOR ACTUARIAL LIABILITIES

The reserves for actuarial liabilities are based on an annual valuation submitted by the Plan's consulting actuary. The annual actuarial valuation establishes the reserves required for various statutory liabilities which arise from pension benefit schedules that are part of the current pension code legislation. Market value of net assets held in trust for pension benefits as of December 31, 2024 and 2023, were comprised of the following Plan surplus (deficit) balances:

	2024	2023
Prior Service Fund	\$ 1,939,413,554	\$ 1,901,499,132
City Contribution Fund	301,893,417	295,052,108
Salary Deduction Fund Annuity Payment Fund and Reserve	307,244,146 542,439,804	298,382,781 537,265,697
Supplementary Payment Service	69,562	69,562
Fund Reserve - (deficit)	(1,830,891,009)	(1,848,288,255)
Net Position - Restricted for		
Pension Benefits	<u>\$ 1,260,169,474</u>	<u>\$ 1,183,981,025</u>

The Prior Service Fund is a reserve account for the accumulation of City contributions to provide for: 1) employee and spouse annuities that are based on service performed before the Plan's effective date of July 1, 1935, and 2) any excess in minimum annuity formula requirements over the amounts required for age and service annuities and for spouse annuities.

The City Contribution Fund is used to accumulate amounts contributed by the City to provide for annuities based on age and service of each employee and spouse. An individual account is to be kept for each employee and spouse until the employee retires, at which time the individual account balances are transferred to the Annuity Payment Fund.

The Salary Deduction Fund is similarly used to accumulate deductions made from employee salaries for age and service annuities for the employee and spouse. Individual accounts are kept until the employee retires or withdraws from service before qualifying for an annuity. At retirement, account balances are transferred to the Annuity Payment Fund. In case an eligible employee elects to take a refund of contributions instead of an annuity, the contribution refund is charged to this reserve fund.

The Annuity Payment Fund receives the amounts transferred from the individual accounts in the City Contribution Fund and the Salary Deduction Fund when an employee retires and qualifies for an annuity. All age and service annuity payments are charged to this fund.

The Supplementary Payment Reserve was established in 1969 to fund postretirement benefit increases for future and current annuitants who elected to pay into the Plan the amount necessary to receive the postretirement benefits.

NOTE 9. RESERVES FOR ACTUARIAL LIABILITIES (CONTINUED)

The Fund Reserve represents the difference between the actuarially determined present value of all future pension payments and the value of the Plan's assets plus the present value of future contributions. A surplus indicates that assets and future contributions exceed the expected requirements for future pension payments, while a deficit indicates that additional assets will be needed to provide for future benefits.

NOTE 10. CAPITAL ASSETS

Leases

The Plan leases its office facilities in Chicago, Illinois under a fifteen-year non-cancellable agreement in effect through February 28, 2026. The base rent has an abatement provision of 17 months. The base rent of \$159,664 per year increases approximately 2% each year. Real estate taxes and maintenance charges are additional costs to the base rent and are subject to annual escalation and are expensed as incurred. Total real estate taxes and maintenance charges for the years ended December 31, 2024 and 2023 were \$284,468 and \$265,575, respectively.

The Governmental Accounting Standards Board (GASB) issued Accounting Standards Update (GASB 87) related to Leases, to increase transparency and comparability among organizations by recognizing an intangible right-of-use asset and liability for leases on the Statements of Fiduciary Net Position and disclosing key information about leasing arrangements that are greater than one year in duration. GASB 87 specifically requires an organization to recognize a right-of-use asset and lease liability, initially measured at the present value of the lease payments in the Statements of Fiduciary Net Position. As a result, the Plan recorded a right-of-use asset and related liability in the amount of \$917,188 by calculating the net present value using the discount rate of 1.39%.

The right-of-use asset and the operating lease liability are being amortized over the remaining life of the lease agreement. As of December 31, 2024, the right-of-use asset, net of the landlord allowance, and accumulated amortization was \$730,659 and \$526,159, respectively, and the lease liability at December 31, 2024 is \$270,398. As of December 31, 2023, the right-of-use asset, net of the landlord allowance, and accumulated amortization was \$730,659 and \$350,772, respectively, and the lease liability at December 31, 2023 is \$493,636.

Year Ending December 31,	P	rincipal	Ir	iterest	Toto	al Payment
2025	\$	231,382	\$	2,293	\$	233,675
2026		39,016		68		39,084
	\$	270,398	\$	2,361	<u>\$</u>	272,759

The future payments due under the office lease are as follows:

NOTE 10. CAPITAL ASSETS (CONTINUED)

Property and Equipment

Property and equipment detail for the years ended December 31, 2024 and 2023 is as follows:

	2024		2023	
Office equipment Custom software package	\$	110,114 6,457,788	\$	110,114 6,457,788
eestern sern are package		6,567,902		6,567,902
Accumulated depreciation		<u>(6,567,902)</u>		(<i>6,567,</i> 90 <u>2</u>)
	\$		\$	_

Property and equipment remain fully depreciated for years ended December 31, 2024 and 2023.

NOTE 11. INSURANCE COVERAGE

The Plan is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; cyber breaches, errors and omissions; injuries to employees; and natural disasters. The Plan has minimized the risk of loss through private insurance carriers for commercial, business owners, and automobile policies. The deductible for this insurance coverage ranges from \$100 to \$25,000 per occurrence. There has been no significant reduction of insurance coverage from the prior year. The Plan had no claims in the year ended December 31, 2024.

NOTE 12. OTHER POSTEMPLOYMENT BENEFIT PLAN: THE PLAN AS EMPLOYER

Plan Description - The Plan, as an employer, administers a single-employer postemployment healthcare plan (OPEB Plan). The OPEB Plan provides lifetime health and dental care insurance for eligible retirees and their spouses through the Plan's group health insurance plans, which covers both active and retired members.

Plan Membership - Membership of the OPEB Plan consisted of the following at December 31, 2024, the date of the latest actuarial valuation:

Inactive plan members or beneficiaries currently receiving benefits	10
Inactive plan members entitled to but not yet receiving benefits	-
Active plan members	17
Total plan members	27

NOTE 12. OTHER POSTEMPLOYMENT BENEFIT PLAN: THE PLAN AS EMPLOYER (CONTINUED)

Contributions - The contributions requirements of plan members and the Plan are established by the Plan's Board. The required contribution is based on projected pay-asyou-go financing requirements. For 2024, the Plan contributed \$76,783, for the pay-asyou-go benefits for the OPEB Plan. Plan members receiving benefits contributed \$46,952 in 2024 or 45% of the total premiums for the year, through their required contributions of between \$193 and \$1,096 for medical per month based on coverage.

Actuarial Assumptions - The total OPEB liability in the December 31, 2024 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Actuarial Valuation Date:	December 31, 2023
Measurement Date:	December 31, 2024
Fiscal Year End Date:	December 31, 2024

Methods and Assumptions Used to Measure Total OPEB Liability:

Actuarial Cost Method: GASB 75 Discount Rate Beginning of Year: GASB 75 Discount Rate End of Year: Wage Inflation: Retirement Age:	Entry Age Normal 3.77% per year 4.08% per year 3.00% per year Experience-based table of rates that are specific to the type of eligibility condition.
Post-retirement Mortality:	The mortality rates are from the PUB-2010 Amount- weighted Below-median Income Healthy Retiree Mortality Table with two-dimensional, fully generational improvements using the MP-2020 Mortality Improvement Scale.
Health Care Trend Rates:	Pre-Medicare trend rate of 14.24%, and Post-Medicare trend rate of 5.62% for plan year beginning on January 1, 2025. Trend rates for plan years beginning on and after January 1, 2026, based on 7.50% for Pre-Medicare and 8.00% for Post-Medicare per year graded down in 0.25% increments to an ultimate trend rate of 4.25% per year.
Aging Factors:	Based on the 2013 SOA Study "Health Care Costs - From Birth to Death."

Discount Rate - Since the OPEB Plan does not have formal assets, the discount rate is equal to the municipal bond rate of 3.77% as of December 30, 2023 which is based on the daily rate closed to but not later than the measurement date of Fidelity "20-Year Municipal GO AA Index" and 4.08% as of December 31, 2024, which is based the Bond Buyer's "20-Bond GO Index".

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NOTE 12. OTHER POSTEMPLOYMENT BENEFIT PLAN: THE PLAN AS EMPLOYER (CONTINUED)

Changes in the Total OPEB Liability of the Plan - The changes in the total OPEB liability of the Plan for the year ended December 31, 2024, were as follows:

Total OPEB liability

•		
Service cost	\$	63,062
Interest on the total OPEB liability		69,672
Difference between expected and actual experience		
of the total OPEB liability		(37,211)
Changes of assumptions		8,640
Benefit payments		(72,033)
Net change in total OPEB liability		32,130
Total OPEB liability - beginning		1,889,712
Total OPEB liability - ending ^(a)	<u>\$</u>	1,921,842

^a Total OPEB liability as of December 31, 2024, was measured based on the requirements of GASB Statement No. 75, based on census, plan provisions, methods as of December 31, 2023. The assumptions used are based on the experience study covering the period of January 1, 2017 to December 31, 2019.

Sensitivity of Total OPEB Liability - Regarding the sensitivity of the total OPEB liability to changes in the discount rate, the following presents the Plan's total OPEB liability, calculated using a discount rate of 4.08%, as well as what the Plan's total OPEB liability would be if it were calculated using a discount rate that is one percent lower or one percent higher:

SENSITIVITY OF TOTAL OPEB LIABILITY TO THE DISCOUNT RATE ASSUMPTION

	1% DecreaseAssumption3.08%4.08%		1% Increase 5.08%			
Plan's total OPEB liability	\$	2,182,191	\$	1,921,842	\$	1,707,156

NOTE 12. OTHER POSTEMPLOYMENT BENEFIT PLAN: THE PLAN AS EMPLOYER (CONTINUED)

Regarding the sensitivity of the total OPEB liability to changes in the healthcare cost trend rates, the following presents the Plan's total OPEB liability, calculated using the assumed trend rates as well as what the Plan's total OPEB liability would be if it were calculated using a trend rate that is one percent lower or one percent higher:

SENSITIVITY OF TOTAL OPEB LIABILITY TO THE HEALTHCARE COST TREND RATE ASSUMPTION

	Current Healthcare Cost Trend Rate					
	1% Decrease Assumption		19	% Increase		
Plan's total OPEB liability	\$	1,681,210	\$	1,921,842	\$	2,219,497

OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB - For the year ended December 31, 2024, the Plan recognized OPEB expense of \$(193,348). At December 31, 2024, the Plan reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	to be in Fu	ed Outflows Recognized ture OPEB (penses	Deferred (Inflows) to be Recognized in Future OPEB Expenses		
Differences between expected and actual experience Assumption changes	\$	64,958 319,810	\$	(783,933) (421,078)	
Total	<u>\$</u>	384,768	\$	(1,205,011)	

Amounts reported as deferred (inflows) of resources related to OPEB will be recognized in OPEB expense as follows:

Year Ended December 31,	Οι	eferred utflows of esources	erred (Inflows) Resources	Outfle	t Deferred ows (Inflows) Resources
2025	\$	102,149	\$ (432,981)	\$	(330,832)
2026		102,149	(432,658)		(330,509)
2027		86,518	(318,708)		(232,190)
2028		50,910	(4,975)		45,935
2029		36,497	(4,975)		31,522
2030		5,136	(4,660)		476
2031		1,033	(4,451)		(3,418)
2032		376	 (1,603)		(1,227)
Total	<u>\$</u>	384,768	\$ (1,205,011)	\$	(820,243)

NOTE 13. CONTINGENCIES

In July 2013, a group of plaintiffs purporting to represent retirees in four Chicago public pension funds filed a civil action, Underwood v. City of Chicago et al., seeking class certification and an order requiring the City and the defendant pension funds to continue subsidizing retiree health insurance premiums past the June 30, 2013 statutory expiration date. The City removed the case to federal court. The City's motion to dismiss was granted, but on appeal, the Seventh Circuit Court of Appeals vacated the district court's order and remanded the case with instructions for the district court to remand the case to the Circuit Court of Cook County. On April 9, 2015, the Plaintiffs moved to reinstate the Underwood complaint in the Circuit Court of Cook County, and their motion was granted. All defendants, including the Plan, moved to dismiss the Complaint. On December 3, 2015, the Court granted in part and denied in part the Plan's motion to dismiss, leaving only a claim for lifetime retiree health insurance benefits for employees working for the City between August 1985 and August 1989, based on an amendment to Article 11 of the Illinois Pension Code effective August 23, 1985. The Plaintiffs filed a Third Amended Complaint on January 13, 2016. All defendants again moved to dismiss. On July 21, 2016, the Circuit Court entered a written order granting in part the defendants' motions to dismiss, other than claims by a group of employees that were hired by the City prior to August 21, 1989, who claim a right to a health care subsidy of \$25 per month under then-existing state law. Plaintiffs appealed this ruling to the First District Illinois Appellate Court. On June 29, 2017, the Appellate Court affirmed in relevant part the Circuit Court's dismissal order, other than expanding the group that is entitled to a \$25 per month health insurance subsidy. The Illinois Supreme Court denied further review. The case was remanded to the Circuit Court to determine the mechanics of the payment of the \$25 per month subsidy. Following remand, Plaintiffs filed a Fourth Amended Complaint, which was dismissed. Plaintiffs were given leave to appeal portions of this dismissal order related to their claim that the Funds or the City of Chicago are required to provide annuitants with a health care plan (the "Pending Appeal"). Plaintiffs then filed a Fifth Amended Complaint which was withdrawn. Plaintiffs had then filed a Sixth Amended Complaint, which Defendants all moved to dismiss. On April 18, 2019, the Circuit Court heard oral argument on the motions to dismiss. On May 3, 2019, the Circuit Court issued a written decision dismissing the entire Sixth Amended Complaint except for the portion of Count 1 alleging a right to a health insurance subsidy. On July 16, 2019, the Circuit Court approved notices to be sent to annuitants advising them of eligibility requirements, to be paid retroactive, of \$25 per month health insurance subsidies for the time period January 1, 2017 through December 31, 2019, and for annuitants who are paying for group health insurance through reductions from their annuities to receive a monthly \$25 per month credit toward their health insurance premiums. The Plaintiffs' appeal was heard in the First District Appellate Court on June 11, 2020 and a ruling was issued on June 30, 2020 where the Court agreed the hire date for subsidy eligibility should extend to June 30, 2003 from the original April 4, 2003 date. The Appellate Court also stated the Circuit Court did not decide what obligation, if any, the Plan might still have to the retirees. The ruling was mandated back to Circuit Court where the Circuit Court ultimately found that the Plan has an obligation to "approve" a health care insurance plan for annuitants. The Plan was found to be in compliance with its obligation and Court agreed the Plan has no financial obligation other than providing for the \$25 per month credit for annuitants who have chosen to have premiums for an approved health care plan deducted from their monthly annuities. The Plan filed a motion for summary judgment that it has satisfied its obligations with respect to the approval of a health care

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NOTE 13. CONTINGENCIES (CONTINUED)

plan for annuitants. On April 23, 2023, the Court granted the Plan's motion for summary judgment and denied Plaintiff's cross-motion for summary judgment. Plaintiffs then filed a motion for final judgment which allowed them to file an appeal in appellate court on June 22, 2023. Additionally, a motion by Plaintiffs for attorney fees was filed and subsequently withdrawn. Following the May 25, 2023 Final Judgment Order finding the Plan's current practices fulfill their obligations under their respective 1983 and 1985 statutes, the Appellate Court received briefs related to Plaintiffs' appeal of the May 25, 2023 Final Judgement Order and Attorneys' Fee Petition. On February 28, 2025, the Appellate Court (1st District) affirmed the Circuit Court's rulings and confirmed there was no need for a remand to the Circuit Court for determination of the attorneys' fees. On March 21, 2025, Plaintiffs timely filed a Rule 367(a) Petition for Rehearing with the Appellate Court. On April 14, 2025, the Appellate Court denied the Petition for Rehearing. It is unknown at this time whether Plaintiffs will file a Petition for Leave to Appeal with the Illinois Supreme Court. If Plaintiffs do not file a Petition for Leave to Appeal with the Illinois Supreme Court, the mandate will issue in this case on May 19, 2025, and this matter will be concluded.

NOTE 14. SUBSEQUENT EVENTS

Subsequent events have been evaluated through May 13, 2025, which is the date the financial statements were available to be issued. This review and evaluation revealed no material event or transaction which would require an adjustment to or disclosure in the accompanying financial statements.





REQUIRED SUPPLEMENTARY INFORMATION





REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULES OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS MULTIYEAR

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Total Pension Liability										
Service cost including pension plan administrative expense	\$ 42,336,661	\$ 35,725,109	\$ 39,331,481	\$ 40,411,310	\$ 39,215,797	\$ 38,522,157	\$ 40,800,911	\$ 80,231,718	\$ 82,960,086	\$ 38,388,765
Interest on the total pension liability	200,342,773	197,214,530	193,347,864	192,342,709	191,099,247	188,347,405	183,135,028	154,047,387	150,166,006	153,811,897
Benefit changes	-	-	-	-	-	-	-	150,457	-	384,032,638
Difference between expected and actual experience	3,850,042	43,615,007	(27,236,254)	(31,082,787)	(18,992,165)	(8,820,458)	15,143,356	(62,178,234)	(30,428,098)	(46,084,758)
Assumption changes	(3,342,744)	158,524,109	(109,355,433)	21,870,156	44,034,293	32,846,315	(11,788,138)	(1,074,754,285)	(62,905,368)	1,175,935,546
Benefit payments	(181,111,766)	(177,562,570)	(172,642,812)	(168,949,226)	(165,411,906)	(162,118,145)	(157,317,980)	(154,767,434)	(151,922,150)	(150,013,189)
Refunds	(2,716,297)	(3,385,091)	(4,519,464)	(3,565,114)	(3,644,848)	(2,841,113)	(2,742,788)	(2,282,455)	(2,760,872)	(2,516,351)
Pension plan administrative expense	(3,482,266)	(3,396,505)	(3,606,843)	(3,837,450)	(3,615,773)	(3,691,171)	(3,933,389)	(3,984,947)	(4,080,239)	(3,844,346)
Net change in total pension liability	55,876,403	250,734,589	(84,681,461)	47,189,598	82,684,645	82,244,990	63,297,000	(1,063,537,793)	(18,970,635)	1,549,710,202
Total pension liability - beginning	3,071,576,869	2,820,842,280	2,905,523,741	2,858,334,143	2,775,649,498	2,693,404,508	2,630,107,508	3,693,645,301	3,712,615,936	2,162,905,734
Total pension liability - ending (a)	\$ 3,127,453,272	\$ 3,071,576,869	\$ 2,820,842,280	\$ 2,905,523,741	\$ 2,858,334,143	\$ 2,775,649,498	\$ 2,693,404,508	\$ 2,630,107,508	\$ 3,693,645,301	\$ 3,712,615,936
Plan Fiduciary Net Position										
Employer contributions	\$ 147,466.056	\$ 123,795,653	\$ 116,175,957	\$ 84,969,321	\$ 73,744,129	\$ 59,346,056	\$ 47,844,184	\$ 35,456,607	\$ 12,603,498	\$ 12,412,471
Member contributions	24,228,998	19,136,631	19,069,792	17.637.006	18.063.905	18,143,163	17,836,801	17.410.821	17,245,913	16.844.246
Pension plan net investment income	91.803.724	98,494,522	(161,680,009)	138,104,794	163.057.457	184.026.828	(75,219,068)	207,981,245	57,997,329	(22,318,476)
Benefit payments	(181,111,766)	(177,562,570)	(172,642,812)	(168,949,226)	(165,411,906)	(162,118,145)	(157,317,980)	(154,767,434)	(151,922,150)	(150,013,189)
Refunds	(2,716,297)	(3,385,091)	(1/2,642,612)	(3,565,114)	(3,644,848)	(182,118,143)	(137,317,780) (2,742,788)	(134,787,434) (2,282,455)	(131,722,130) (2,760,872)	(2,516,351)
Pension plan administrative expense	(3,482,266)	(3,396,505)	(3,606,843)	(3,837,450)	(3,615,773)	(3,691,171)	(2,742,766) (3,933,389)	(2,282,455) (3,984,947)	(4,080,239)	(3,844,346)
Other	(3,402,266)	(3,396,303)	(3,606,643)	(3,637,430)	(3,613,773)	(3,671,171)	(3,933,389) 661,530	(3,964,947)	(4,060,239)	(3,644,346)
Net change in plan fiduciary net position	76,188,449	57.082.640	-		82,192,964	92.865.618		99.813.837		(1.10.105.(15)
	76,188,449	57,082,640	(207,203,379) 1,334,101,764	64,359,331 1,269,742,433	82,192,964	92,865,618	(172,870,710) 1,267,554,561	99,813,837 1,167,740,724	(70,916,521) 1,238,657,245	(149,435,645) 1,388.092.890
Plan fiduciary net position - beginning	\$ 1,260,169,474				\$ 1,269,742,433				\$ 1,167,740,724	
Plan fiduciary net position - ending (b)	<u>\$ 1,260,169,474</u>	<u>\$ 1,183,981,025</u>	<u>\$ 1,126,898,385</u>	<u>\$ 1,334,101,764</u>	<u>\$ 1,269,742,433</u>	<u>\$ 1,187,549,469</u>	<u>\$ 1,094,683,851</u>	<u>\$ 1,267,554,561</u>	<u>\$ 1,167,740,724</u>	<u>\$ 1,238,657,245</u>
Net pension liability - ending (a) - (b)	\$ 1,867,283,798	\$ 1,887,595,844	\$ 1,693,943,895	\$ 1,571,421,977	\$ 1,588,591,710	\$ 1,588,100,029	\$ 1,598,720,657	\$ 1,362,552,947	\$ 2,525,904,577	\$ 2,473,958,691
Plan fiduciary net position as a percentage										
of total pension liability	40.29 %	38.55 %	39.95 %	45.92 %	44.42 %	42.78 %	40.64 %	48.19 %	31.61 %	33.36 %
Covered payroll	\$ 252,855,634	\$ 238,725,119	\$ 214,083,061	\$ 212,121,929	\$ 207,194,914	\$ 211,607,883	\$ 211,482,201	\$ 208,442,487	\$ 208,154,918	\$ 204,772,903
Net pension liability as a percentage										
of covered payroll	738.48 %	790.70 %	791.26 %	740.81 %	766.71 %	750.49 %	755.96 %	653.68 %	1,213.47 %	1,208.15 %

Please see the following page for additional notes relating to the Schedules of Changes in Net Pension Liability and Related Ratios Multiyear.





REQUIRED SUPPLEMENTARY INFORMATION

DECEMBER 31, 2024

ADDITIONAL NOTES TO SCHEDULES OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS MULTIYEAR

The total pension liability at the beginning of fiscal year 2024 used a Single Discount Rate of 6.63% and the benefit provisions and funding policy in effect as of the December 31, 2023, funding actuarial valuation. The Single Discount Rate of 6.63% was based on a long-term expected rate of return on pension plan investments of 6.75% for years 2024 through 2078 and a long-term municipal bond rate as of December 31, 2023, of 3.77% for subsequent years after 2078.

The total pension liability at the end of fiscal year 2024 used a Single Discount Rate of 6.64% and the benefit provisions and funding policy in effect as of the December 31, 2024, funding actuarial valuation. The Single Discount Rate of 6.64% was based on a long-term expected rate of return on pension plan investments of 6.75% for years 2025 through 2080 and a long-term municipal bond rate as of December 31, 2024, of 4.08% for subsequent years after 2080.

The change in the long-term municipal bond rate from 3.77% at December 31, 2023 to 4.08% as of December 31, 2024 caused the Single Discount Rate to increase from 6.63% at December 31, 2023 to 6.64% at December 31, 2024.



REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF THE NET PENSION LIABILITY MULTIYEAR

Fiscal Year Ending December 31,	Total Pension Liability	Plan Net Position	Net Pension Liability	Plan Net Position as a % of Total Pension Liability	 Covered Payroll*	Net Pension Liability as a % of Covered Payroll
2015	\$3,712,615,936	\$1,238,657,245	\$2,473,958,691	33.36%	\$ 204,772,903	1208.15%
2016	3,693,645,301	1,167,740,724	2,525,904,577	31.61%	208,154,918	1213.47%
2017	2,630,107,508	1,267,554,561	1,362,552,947	48.19%	208,442,487	653.68%
2018	2,693,404,508	1,094,683,851	1,598,720,657	40.64%	211,482,201	755.96%
2019	2,775,649,498	1,187,549,469	1,588,100,029	42.78%	211,607,883	750.49%
2020	2,858,334,143	1,269,742,433	1,588,591,710	44.42%	207,194,914	766.71%
2021	2,905,523,741	1,334,101,764	1,571,421,977	45.92%	212,121,929	740.81%
2022	2,820,842,280	1,126,898,385	1,693,943,895	39.95%	214,083,061	791.26%
2023	3,071,576,869	1,183,981,025	1,887,595,844	38.55%	238,725,119	790.70%
2024	3,127,453,272	1,260,169,474	1,867,283,798	40.29%	252,855,634	738.48%

* Covered payroll shown is the amount in force as of the actuarial valuation date and likely differs from actual payroll paid during the fiscal year.



REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF CONTRIBUTIONS MULTIYEAR LAST 10 FISCAL YEARS

Fiscal Year Ending December 31,	Actuarially Determined Contribution*	Actual Contribution	Contribution Deficiency (Excess)	Covered Payroll**	Actual Contribution as a % of Covered Payroll	Statutory Contribution***	Statutory Contribution Deficiency/(Excess) ****
2015	\$ 79,850,835	\$ 12,412,471	\$ 67,438,364	\$ 204,772,903	6.06%	\$ 12,857,827	\$ 445,356
2016	117,033,100	12,603,498	104,429,603	208,154,918	6.05%	13,179,003	575,505
2017	124,226,042	35,456,607	88,769,435	208,442,487	17.01%	36,000,000	543,393
2018	129,247,584	47,844,184	81,403,400	211,482,201	22.62%	48,000,000	155,816
2019	148,409,689	59,346,056	89,063,633	211,607,883	28.05%	60,000,000	653,944
2020	155,793,822	73,744,129	82,049,693	207,194,914	35.59%	72,000,000	(1,744,129)
2021	155,245,337	84,969,321	70,276,016	212,121,929	40.06%	84,000,000	(969,321)
2022	153,023,327	116,175,957	36,847,370	214,083,061	54.27%	116,549,222	373,265
2023	153,404,709	123,795,653	29,609,056	238,725,119	51.86%	111,974,969	(11,820,684)
2024	168,827,824	147,466,056	21,361,768	252,855,634	58.32%	127,349,567	(20,116,489)

* The LABF Statutory Funding Policy does not conform to Actuarial Standards of Practice, therefore, the Actuarially Determined Contribution is equal to the normal cost plus an amount to amortize the unfunded liability using level dollar payments and a 30-year open amortization period.

** Covered payroll shown is the amount in force as of the actuarial valuation date and likely differs from actual payroll paid during the fiscal year.

*** Excludes amounts paid for health insurance supplement in fiscal years prior to December 31, 2017.

**** The contribution deficiency (excess) shown in the column is based on the City's actual contribution in relation to the Statutory Funding Policy only. Contributions made in excess of the Statutory Contribution do not indicate that the actual contribution conforms to the requirements of an Actuarially Determined Contribution (a minimum requirement for sound funding) under the Actuarial Standards of Practice.



REQUIRED SUPPLEMENTARY INFORMATION

DECEMBER 31, 2024

NOTES TO SCHEDULE OF CONTRIBUTIONS MULTIYEAR

Valuation Date December 31, 2024

Methods and Assumptions Used to Determine Contribution Rates for Fiscal Year 2024

- Actuarial Cost Method Entry Age Normal
- Amortization Method Prior to 2017, the total City contribution is generated by a tax equal to 1.00 times the contributions by participants to the Plan two years prior to the year of the tax levy. For tax levy years 2017-2021, the statutory contributions are equal to \$36 million, \$48 million, \$60 million, \$72 million, and \$84 million, respectively. For tax levy years on and after 2022, the statutory contributions are equal to a level percentage of pay contribution determined so that the Fund attains a 90% funded ratio by the end of 2058 on an open group basis.
- Remaining Amortization Period Not Applicable. An amortization payment is calculated as a level percentage of pay contribution determined so that the Fund attains a 90% funded ratio by the end of 2058 on an open group basis.

Asset Valuation Method 5-year smoothed market

Inflation 2.25%

Salary IncreasesSalary increase rates based on service-related productivity
and merit rates plus wage inflation of 3.00%.

Post Retirement Benefit Increases

Post retirement benefit increases are equal to 3.00 percent, compounded annually, for Tier 1 members. Post retirement increases for Tier 2 and Tier 3 members are equal to the lesser of 3.00 percent or one-half the annual unadjusted percentage increase (but no less than zero) in the Consumer Price Index-U for the 12 months ending with the September preceding the date of the increase, using simple interest.



REQUIRED SUPPLEMENTARY INFORMATION

DECEMBER 31, 2024

NOTES TO SCHEDULE OF CONTRIBUTIONS MULTIYEAR (CONTINUED)

Investment Rate of Return	6.75%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the December 31, 2020 valuation pursuant to an experience study of the period January 1, 2017 through December 31, 2019.
Mortality	Post Retirement Mortality: Scaling factors of 109% for males, and 108% for females of the Pub-2010 Amount- weighted Below-median Income General Healthy Retiree Mortality Tables, sex distinct, with generational mortality improvement using MP-2020 2-dimensional mortality improvement scale recently released by the SOA. This assumption provides a margin for mortality improvements.
	Pre-Retirement Mortality: Scaling factors of 111% for males, and 115% for females of the Pub-2010 Amount- weighted Below-median Income General Employee Mortality Tables, sex distinct, with generational mortality improvement using MP-2020 2-dimensional mortality improvement scales recently released by the SOA. This assumption provides a margin for mortality improvements.
Other Information	Dense grandis and reactions where the destand
Notes	Demographic assumptions were updated for the actuarial valuation as of December 31, 2020. The Investment Rate of Return was adopted for the actuarial valuation as of December 31, 2023.
Method and Assumptions Usec	I for Accounting Purposes as of the Valuation Date

Actuarial Cost Method	Entry Age Normal
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Asset Valuation Method Market

Discount Rate 6.63% as of the December 31, 2023 actuarial valuation 6.64% as of the December 31, 2024 actuarial valuation

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REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF INVESTMENT RETURNS MULTIYEAR

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Annual money-weighted rate of return,										
net of investment expense	9.0%	10.0%	-13.6%	11.8%	14.5%	17.8%	-6.4%	18.7%	5.0%	-1.5%



REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULES OF CHANGES IN TOTAL OPEB LIABILITY FOR THE PLAN AS EMPLOYER AND EMPLOYER RELATED RATIOS MULTIYEAR

	2024	2023	2022	2021	2020	2019	2018
Total OPEB liability							
Service cost	\$ 63,062	\$ 79,406	\$ 265,751	\$ 252,864	\$ 172,631	\$ 138,109	\$ 152,130
Interest on the total OPEB liability	69,672	70,141	71,977	70,737	81,350	89,080	79,003
Difference between expected and actual experience	(37,211)	10,795	(1,561,170)	(4,925)	110,714	14,130	-
Assumption changes	8,640	66,862	(811,163)	96,434	221,715	350,813	(146,251)
Benefit payments	(72,033)	(59,522)	(45,564)	(47,647)	(47,955)	(56,516)	(70,559)
Net change in total OPEB liability	32,130	167,682	(2,080,169)	367,463	538,455	535,616	14,323
Total OPEB liability - beginning	1,889,712	1,722,030	3,802,199	3,434,736	2,896,281	2,360,665	2,346,342
Total OPEB liability - ending (a)	\$ 1,921,842	<u>\$ 1,889,712</u>	\$ 1,722,030	\$ 3,802,199	\$ 3,434,736	\$ 2,896,281	<u>\$ 2,360,665</u>
Covered-employee payroll	<u>\$ 1,885,776</u>	\$ 744,816	\$ 1,141,584	\$ 1,174,824	\$ 1,772,480	<u>\$ 1,756,480</u>	\$ 1,670,363
Total OPEB liability as a percentage							
of covered-employee payroll	101.91 %	253.72 %	150.85 %	323.64 %	193.78 %	164.89 %	141.33 %
Discount Rate, Beginning of Year	3.77 %	4.05 %	1.84 %	2.00 %	2.75 %	3.71 %	3.31 %
Discount Rate, End of Year	4.08 %	3.77 %	4.05 %	1.84 %	2.00 %	2.75 %	3.71 %
Long - Term Municipal Bond Rate, End of Year	4.08 %	3.77 %	4.05 %	1.84 %	2.00 %	2.75 %	3.71 %
Long - Term Municipal Bond Rate Date	December 31, 2024	December 31, 2023	December 31, 2022	December 31, 2021	December 31, 2020	December 30, 2019	December 28, 2018

(a) Total OPEB liability as of December 31, 2024 was measured based on the requirements of GASB Statement No. 75, based on census, plan provisions, methods and assumptions as of December 31, 2023. The assumptions used are based on the experience study covering the period January 1, 2017, to December 31, 2019.



SUPPLEMENTARY INFORMATION



SCHEDULES OF INVESTED ASSETS COST AND FAIR VALUE

DECEMBER 31, 2024 AND 2023

	2024				2023				
	Cost Valu	e	Fair Value	•	Cost Value		Fair Value		
Cash and short-term investments	\$ 35,547,583	3.9%	\$ 35,553,498	3.1%	\$ 34,642,482	3.9%	\$ 34,651,220	3.2%	
U.S. equities	218,132,366	24.0%	368,511,070	32.6%	204,138,767	23.2%	314,871,154	29.4%	
Foreign equities	131,987,736	14.5%	154,651,594	13.7%	143,279,071	16.3%	169,552,284	15.8%	
Equity funds	29,481,903	3.3%	42,316,358	3.7%	13,017,967	1.5%	24,376,789	2.3%	
U.S. Government obligations and municipal bonds	91,266,943	10.0%	85,171,594	7.5%	90,470,976	10.3%	85,428,987	8.0%	
U.S. corporate bonds	39,646,533	4.4%	37,469,732	3.3%	41,748,712	4.7%	38,592,174	3.6%	
Foreign fixed income securities	63,198,234	7.0%	60,455,752	5.4%	59,167,298	6.7%	55,999,927	5.2%	
Fixed income funds	7,462,142	0.8%	7,311,870	0.7%	6,971,768	0.8%	6,774,993	0.6%	
Private markets	98,393,268	10.8%	112,472,946	9.9%	91,473,380	10.4%	107,274,487	10.0%	
Real estate	98,834,464	10.9%	105,691,957	9.3%	101,693,568	11.6%	118,442,214	11.1%	
Hedge funds	68,454,696	7.5%	87,587,432	7.7%	66,968,500	7.6%	83,880,687	7.8%	
Real asset infrastructure fund	26,516,505	<u> 2.9</u> %	33,414,460	<u>3.0</u> %	26,620,665	<u> 3.0</u> %	31,571,926	<u> 2.9</u> %	
Invested assets at cost/fair value	<u>\$ 908,922,373</u>	<u>100.0</u> %	<u>\$1,130,608,263</u>	<u>100.2</u> %	<u>\$ 880,193,154</u>	<u>100.0</u> %	<u>\$1,071,416,842</u>	<u>100.0</u> %	



SUPPLEMENTARY INFORMATION

YEARS ENDED DECEMBER 31, 2024 AND 2023

SCHEDULES OF ADMINISTRATIVE EXPENSES, INVESTMENT EXPENSES AND PROFESSIONAL SERVICES

Schedules of Administrative and OPEB Expenses

Personnel services \$ 2,206,119 \$ 2,333,861 Occupancy and utilities 262,395 244,015 Professional services 565,924 360,688 OPEB expense (193,348) (169,867) Insurance 211,540 241,305 Depreciation expense 175,386 175,386 Litigation expense 5,486 25,171 Supplies and equipment 81,467 85,220 Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interset expense 5,448 8,490 Department of Insurance compliance fee 3,3482,266 \$ 3,396,505 Schedules of Investment Expenses 618,538 645,263 Investment management fees 618,538 645,263 Investment consultant fee 2265,000 265,000 Investment custody fee 212,500 214,300			2024		2023
Professional services 565,924 360,688 OPEB expense (193,348) (169,867) Insurance 211,540 241,305 Depreciation expense 175,386 175,386 Litigation expense 5,486 25,171 Supplies and equipment 81,467 85,220 Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 618,538 645,263 Investment management fees \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 225,000 224,200 Total \$ 67,761,640 \$ 7,062,978	Personnel services	\$	2,206,119	\$	2,333,861
OPEB expense (193,348) (169,867) Insurance 211,540 241,305 Depreciation expense 175,386 175,386 Litigation expense 5,486 25,171 Supplies and equipment 81,467 85,220 Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 618,538 645,263 Investment management fees 618,538 645,263 Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 67,250 \$ 69,755 Actuarial valuation \$ 67,250 \$ 69,755 Actuarial valu	Occupancy and utilities		262,395		244,015
Insurance 211,540 241,305 Depreciation expense 175,386 175,386 Lifigation expense 5,486 25,171 Supplies and equipment 81,447 85,220 Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 618,538 645,263 Investment anagement fees \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 2024 2023 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 6,7250 \$ 69,750	Professional services		565,924		360,688
Depreciation expense 175,386 175,386 Litigation expense 5,486 25,171 Supplies and equipment 81,467 85,220 Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,441 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 8 645,263 Investment management fees 6,65,602 \$ 5,643,88 Other investment expenses 6,818,538 645,263 Investment consultant fee 2024 2023 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services \$ 69,750 \$ 69,750 Actuarial valuation \$ 67,250 \$ 69,750	OPEB expense		(193,348)		(169,867)
Lifigation expense 5,486 25,171 Supplies and equipment 81,467 85,220 Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 618,538 645,263 Investment management fees 2024 2023 Investment consultant fee 245,000 24,300 Investment consultant fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Cust	Insurance		211,540		241,305
Supplies and equipment 81,467 85,220 Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 618,538 645,263 Investment management fees \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services \$ 67,250 \$ 69,750 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 <	Depreciation expense		175,386		175,386
Printing and technical services 102,895 19,410 Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701	Litigation expense		5,486		25,171
Telecommunications and internet 18,590 19,915 Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 618,538 645,263 Investment management fees 618,538 645,263 Other investment expenses 618,538 645,263 Investment consultant fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Med	Supplies and equipment		81,467		85,220
Miscellaneous 19,865 21,641 Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses \$ 3,482,266 \$ 3,396,505 Schedules of Investment expenses 618,538 645,263 Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 If consultant - 1,290	Printing and technical services		102,895		19,410
Postage 12,499 18,670 Disaster recovery - 4,600 Interest expense 5,448 8,490 Department of Insurance compliance fee 8,000 8,000 Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 2024 2023 Investment management fees \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit \$ 67,250 \$ 69,750 Audit \$ 89,425 \$ 69,750 Audit \$ 89,425 \$ 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant	Telecommunications and internet		18,590		19,915
Disaster recovery- $4,600$ Interest expense $5,448$ $8,490$ Department of Insurance compliance fee $8,000$ $8,000$ Total $$3,482,266$ $$3,396,505$ Schedules of Investment ExpensesInvestment management fees $$5,665,602$ $$5,938,415$ Other investment expenses $618,538$ $645,263$ Investment consultant fee $265,000$ $265,000$ Investment custody fee $212,500$ $214,300$ Total $$6,761,640$ $$7,062,978$ Schedules of Professional ServicesActuarial valuation $$67,250$ $$69,750$ Audit $46,413$ $46,056$ Benefit check production $91,485$ $89,425$ Custom software development $206,937$ $45,281$ Legal services $100,853$ $50,701$ Legislative consultant $36,000$ $36,000$ Medical consultant $16,986$ $22,185$ If consultant $ 1,290$	Miscellaneous		19,865		21,641
Interest expense $5,448$ $8,490$ Department of Insurance compliance fee $8,000$ $8,000$ Total\$ $3,482,266$ \$ $3,396,505$ Schedules of Investment Expenses 2024 2023 Investment management fees\$ $5,665,602$ \$ $5,938,415$ Other investment expenses $618,538$ $645,263$ Investment consultant fee $265,000$ $265,000$ Investment custody fee $212,500$ $214,300$ Total\$ $6,761,640$ \$ $7,062,978$ Schedules of Professional Services 2024 2023 Actuarial valuation\$ $67,250$ \$ $69,750$ Audit $46,413$ $46,056$ Benefit check production $91,485$ $89,425$ Custom software development $206,937$ $45,281$ Legal services $100,853$ $50,701$ Legislative consultant $36,000$ $36,000$ Medical consultant $16,986$ $22,185$ If consultant $ 1,290$	Postage		12,499		18,670
Department of Insurance compliance fee Total 8,000<	Disaster recovery		-		4,600
Total \$ 3,482,266 \$ 3,396,505 Schedules of Investment Expenses 2024 2023 Investment management fees \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Interest expense		5,448		8,490
Schedules of Investment ExpensesInvestment management fees 2024 2023 Investment management fees\$ 5,665,602\$ 5,938,415Other investment expenses618,538645,263Investment consultant fee265,000265,000Investment custody fee $212,500$ $214,300$ Total\$ 6,761,640\$ 7,062,978Schedules of Professional ServicesActuarial valuation\$ 67,250\$ 69,750Audit46,41346,056Benefit check production91,48589,425Custom software development206,93745,281Legal services100,85350,701Legislative consultant36,00036,000Medical consultant16,98622,185IT consultant $-$ 1,290	Department of Insurance compliance fee		8,000		8,000
2024 2023 Investment management fees \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 265,000 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 5 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Total	<u>\$</u>	3,482,266	\$	3,396,505
2024 2023 Investment management fees \$ 5,665,602 \$ 5,938,415 Other investment expenses 618,538 645,263 Investment consultant fee 265,000 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 5 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Schedules of Investment Expenses				
Other investment expenses 618,538 645,263 Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290			2024		2023
Investment consultant fee 265,000 265,000 Investment custody fee 212,500 214,300 Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Investment management fees	\$	5,665,602	\$	5,938,415
Investment custody fee Total $212,500$ \$ $214,300$ \$Schedules of Professional ServicesActuarial valuation 	Other investment expenses		618,538		645,263
Total \$ 6,761,640 \$ 7,062,978 Schedules of Professional Services 2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Investment consultant fee		265,000		265,000
Schedules of Professional ServicesActuarial valuation\$ 67,250\$ 69,750Audit46,41346,056Benefit check production91,48589,425Custom software development206,93745,281Legal services100,85350,701Legislative consultant36,00036,000Medical consultant16,98622,185IT consultant-1,290	Investment custody fee		212,500		214,300
2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Total	<u>\$</u>	6,761,640	<u>\$</u>	7,062,978
2024 2023 Actuarial valuation \$ 67,250 \$ 69,750 Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Schedules of Professional Services				
Audit 46,413 46,056 Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant			2024		2023
Benefit check production 91,485 89,425 Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Actuarial valuation	\$	67,250	\$	69,750
Custom software development 206,937 45,281 Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant - 1,290	Audit		46,413		46,056
Legal services 100,853 50,701 Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant 1,290	Benefit check production		91,485		89,425
Legislative consultant 36,000 36,000 Medical consultant 16,986 22,185 IT consultant 1,290	Custom software development		206,937		45,281
Medical consultant 16,986 22,185 IT consultant - 1,290	Legal services		100,853		50,701
IT consultant - 1,290	Legislative consultant		36,000		36,000
	Medical consultant		16,986		22,185
Total <u>\$ 565,924</u> <u>\$ 360,688</u>	IT consultant		-		1,290
	Total	<u>\$</u>	565,924	\$	360,688



SCHEDULES OF INVESTMENT EXPENSES

YEARS ENDED DECEMBER 31, 2024 AND 2023

		2024	2023		
Investment Management Fees					
ARGA	\$	210,974	\$	111,776	
Ariel Investment, LLC		193,751		165,215	
ASB Capital Management LLC		263,141		332,397	
Attucks Asset Management, LLC		429,841		375,854	
Ballie Gifford Oversees Ltd		287,539		257,868	
Brightwood Capital Advisors, LLC		125,936		184,109	
Core Capital		44,769		42,511	
EntrustPermal Partners		21,636		25,063	
Fairview Capital		85,500		85,500	
Fiera Capital Inc.		178,716		175,564	
Glouston Capital Partners		55,649		74,199	
HarborVest Partners		58,452		58,178	
JP Morgan Chase Bank, N.A.		358,473		507,549	
Lazard Asset Management		142,417		126,781	
Levine Leichtman Capital Partners, LLC		128,468		155,326	
Lighthouse Investment Partners, LLC		282,748		261,172	
LM Capital Group, LLC		186,039		173,913	
Long Wharf Real Estate Partners LLC		166,458		180,368	
Mesirow Financial Private Equity Advisors, Inc.		15,776		25,568	
Mesirow Financial Investment Management, Inc.		198,340		191,532	
Neuberger Berman Investment Advisers LLC		332,209		329,314	
Nuveen Asset Management		-		118,518	
Palladium Capital Management V, LLC		31,641		170,559	
Pantheon Ventures (US) LP		116,226		129,140	
Partners Group, Inc.		283,448		273,905	
Ramirez Asset Management, Inc.		93,036		88,726	
RhumbLine Advisers Limited Partnership		35,627		29,245	
Ullico Investment Advisors, Inc.		433,371		418,887	
Victory Park Capital Advisors, LLC		221,773		126,564	
Vontobel Asset Management, Inc.		59,688		154,967	
Wasatch Advisors Inc.		391,217		391,785	
William Blair & Company, LLC		232,743		196,362	
Total investment management fees	. <u></u>	5,665,602		5,938,415	
Other Investment Expenses					
Exchange and other expenses		618,538		645,263	
Investment Consultant Fee		0 / 5 000		0/-00-	
Marquette Associates, Inc.		265,000		265,000	
Investment Custody Fee		010 500		01 (000	
Northern Trust Company		212,500	-	214,300	
Total investment expenses	<u>\$</u>	6,761,640	\$	7,062,978	