City of Leesburg Municipal Firefighters' Retirement Plan

Actuarial Valuation Report as of October 1, 2024 (Revised)

Report to Determine Minimum Funding Requirement
For the Plan and Fiscal Year Ending September 30, 2026



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March 13, 2026

Board of Trustees
City of Leesburg Municipal Firefighters' Retirement Plan
Leesburg, Florida

RE: Actuarial Valuation as of October 1, 2024 (Revised)

Dear Members of the Board:

The results of the October 1, 2024 Annual Actuarial Valuation of the City of Leesburg Municipal Firefighters' Retirement Plan are presented in this report.

Chapter 60T-1, Local Retirement Systems, 60T-1.002 Definitions, states "…payment of the required contributions to fund benefit changes shall begin no later than the first of the next fiscal year after benefits change…." Because the October 1, 2024 actuarial valuation determines funding for the fiscal year ending September 30, 2026, the report is revised from that dated February 27, 2025 due to Ordinance No. 25-56 adopted effective September 8, 2025.

This report was prepared at the request of the Board and is intended for use by the Board and those designated or approved by the Board. This report may be provided to parties other than the Board only in its entirety and only with the permission of the Board. GRS is not responsible for unauthorized use of this report.

The purposes of the valuation are to measure the Plan's funding progress, to determine the employer contribution rate for the fiscal year ending September 30, 2026, and to comply with the annual disclosure requirements under Chapter 112.664, Florida Statutes, for the fiscal year ending September 30, 2024. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

The contribution rate in this report is determined using the actuarial assumptions and methods disclosed in Section 4 of this report. This report includes risk metrics in the end of Section 1 but does not include a more robust assessment of the risks of future experience not meeting the actuarial assumptions. Additional assessment of risks was outside the scope of this assignment.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

The findings in this report are based on data or other information through September 30, 2024. The

valuation was based upon information furnished by the City and Plan Administrator concerning benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the City or Plan Administrator.

This report was prepared using certain assumptions approved by the Board as authorized under Florida Statutes and prescribed by the Florida Statutes as described in the section of this report entitled Description of Assumptions and Methods. The investment return assumption was prescribed by the Board and the assumed mortality rates were prescribed by Chapter 112.63, Florida Statutes. All actuarial assumptions used in this report are reasonable for purposes of this valuation. The combined effect of the assumptions, excluding prescribed assumptions or methods set by law, is expected to have no significant bias (i.e. not significantly optimistic or pessimistic).

This report was prepared using Proval's valuation model, a software product of Winklevoss Technologies. We are relying on the Proval model. We performed tests of the Proval model with this assignment and made a reasonable attempt to understand the developer's intended purpose of, general operation of, major sensitivities and dependencies within, and key strengths and limitations of the Proval model. In our professional judgement, the Proval valuation model has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board and with applicable statutes.

The signing actuaries are independent of the plan sponsor. These actuaries meet the American Academy of Actuaries' Qualification Standards to render the actuarial opinions contained herein.

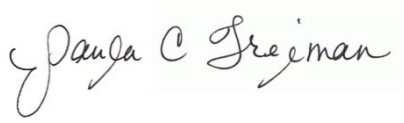
Statement by Enrolled Actuary:

"This actuarial valuation and/or cost determination was prepared and completed by us or under our direct supervision, and we acknowledge responsibility for the results. To the best of our knowledge, the results are complete and accurate. In our opinion, the techniques and assumptions used are reasonable, meet the requirements and intent of Part VII, Chapter 112, Florida Statutes, and are based on generally accepted actuarial principles and practices. There is no benefit or expense to be provided by the plan and/or paid from the plan's assets for which liabilities or current costs have not been established or otherwise taken into account in the valuation. All known events or trends which may require a material increase in plan costs or required contribution rates have been taken into

account in the valuation."

Gabriel, Roeder, Smith & Company will be pleased to review this Actuarial Valuation Report with the Board of Trustees and to answer any questions pertaining to the valuation.

Respectfully submitted,
Gabriel, Roeder, Smith & Company



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SECTION 1

BOARD SUMMARY

SECTION 1 - BOARD SUMMARY

Summary of Principal Valuation Results

Fiscal Year Ending September 30,	2025	2026
Minimum Funding Requirements		
As a Dollar Amount		
Minimum Required City Contribution	$1,176,732	$1,194,104
Expected State Contribution	191,008	210,784
Expected Employee Contributions	179,248	212,769
Total Minimum Required Contribution	$1,546,988	$1,617,657
As a Percent of Valuation Payroll		
Minimum Required City Contribution	42.67%	42.09%
Expected State Contribution	6.93%	7.43%
Expected Employee Contributions	6.50%	7.50%
Total Minimum Required Contribution	56.10%	57.02%
Valuation Payroll	$2,757,657	$2,836,919

Valuation as of October 1,	2023	2024
Funded Status		
Accrued Liability (AL)	$31,184,023	$32,942,848
Actuarial Value of Assets	(25,917,417)	(27,861,802)
Unfunded Accrued Liability (UAL)	$5,266,606	$5,081,046
Funded Percentage	83.11%	84.58%

Valuation as of October 1,	2023	2024
Key Assumptions		
Assumed Investment Return, Net of Expenses	7.00%	7.00%

Note: Funding requirements are determined as a dollar amount assuming premium tax money received from the State will be the same amount received for the prior year. The City must contribute $1,194,104 for fiscal 2026 on at least a quarterly basis. Should the premium tax money received for fiscal 2026 be less than expected, or should a portion of the State contribution be used towards the share component of the Plan, the City will need to contribute any potential shortfall to the Plan. The Minimum Required City Contribution is NOT adjusted for differences between actual and expected employee contributions.

Summary of Significant Events

Determinations of the funded status of the Plan and minimum funding requirements are based on participant data, asset information, Plan provisions, actuarial methods and assumptions, as well as contributions made to the Plan by the State of Florida. Any significant events associated with these items are discussed in the following.

In preparing our report we relied, without audit, on information (some oral and some written) supplied by the City and Plan Administrator. This information includes, but is not limited to, statutory provisions, employee census, and financial information. In our examination of these data, we have found them to be reasonably consistent and comparable with data used for other purposes. Since the valuation results are dependent on the integrity of the data supplied, the results can be expected to differ if the underlying data is incomplete or missing. It should be noted that if any data or other information is inaccurate or incomplete, our calculations may need to be revised.

Participant Data

The number of active members increased from 46 in the prior valuation to 50 in the current valuation. The number of inactive members remained level at 44. The change in member head counts resulted from 1 retirement, 3 nonvested terminations, 8 new hires, 1 retiree death and the retirement of 1 vested termination. The following provides a summary comparing the actual and expected pay increases for the 12-month periods ending on the date specified.

Year Ended	Individual		Valuation Payroll
September 30,	Actual	Expected	Increase
2024	6.85 %	4.98 %	1.99 %
2023	6.64 %	4.93 %	7.42 %
2022	9.83 %	4.87 %	(7.52)%
2021	7.03 %	4.58 %	1.59 %
2020	7.58 %	4.55 %	9.52 %
2019	1.13 %	4.57 %	(7.37)%
2018	3.13 %	4.53 %	1.32 %
2017	5.92 %	4.60 %	3.29 %
2016	4.65 %	4.51 %	13.43 %
2015	6.22 %	4.63 %	(20.48)%
Average:	5.87 %	4.67 %	(0.14)%

Average individual salary increases amongst continuing active members were more than expected with the actual average pay increases amongst continuing actives at 6.85% in comparison to the 4.98% salary increase assumption. In addition, total payroll decreased 0.14% each year on average over the last 10 years. Florida Statutes 112.64(5)(a) requires that the payroll growth assumption not exceed the average payroll growth for the prior ten years. This requirement is met in that the Unfunded Accrued Liability is amortized as a level dollar amount.

Overall, there was a demographic gain primarily due to the death of one retiree and three nonvested terminations offset in part by pay increases more than expected. Should a pattern of consistent gains or losses

develop, assumptions will be adjusted as needed. A review of actuarial experience was last conducted by the prior actuary January 8, 2017. We recommend an experience study be performed.

Assets

The investment return on the Market Value of Assets was 20.34% and the return on the Actuarial Value of Assets was 7.69%, each in comparison to the 7.0% rate of return net of investment expenses assumed for the fiscal year ending September 30, 2024. Because the return on the Actuarial Value of Assets was more than the net assumed investment return, there was an actuarial investment gain for the year ending September 30, 2024.

Note only a portion of actual investment gains or losses are recognized in the current year Actuarial Value of Assets with the remainder recognized over the next four years. Even if all assumptions are realized in the next several years, the Plan will experience changes in the required contribution rate until prior gains and losses are fully recognized.

The table below provides a comparison of the investment return on the Market Value of Assets and the Actuarial Value of Assets in comparison to the investment return assumed in the valuation of the Plan.

12-Month Period Ended September 30,	% Market Return	% Actuarial Return	% Assumed Return
2024	20.34%	7.69%	7.00%
2023	9.95%	4.25%	7.00%
2022	(15.93%)	4.76%	7.00%
2021	19.96%	10.15%	7.40%
2020	12.19%	8.20%	7.50%
2019	3.85%	5.44%	7.50%
2018	4.95%	6.43%	7.50%
2017	10.01%	8.09%	7.50%
2016	10.27%	7.61%	7.50%
2015	(1.45%)	8.81%	7.50%
Average	6.91%	7.13%	7.34%

Investment returns less than the assumed rate of return result in increased annual minimum required contributions.

Plan Provisions

Ordinance 25-56 was adopted effective September 8, 2025 to implement a 5-Year Deferred Retirement Option Program (DROP), increase employee contributions from 6.5% to 7.5% of pay, and to include up to 100 hours of overtime as pensionable compensation. In addition, premium tax contributions in the amount of $54,149 were allocated to Share accounts for the year ending September 30, 2024.

The impact of any changes in Plan provisions may be found in the reconciliation of the funded status and minimum funding requirements found near the end of Section 2 of this report. See “Reconciliations” in the table of contents.

Assumptions and Methods

There were no changes in methods or assumptions since the prior valuation.

The net assumed rate of investment return is unchanged from 7.0% used in the prior actuarial valuation as directed by the Board of Trustees. The 7.0% net assumed return is a prescribed assumption set by another party, as it is set by the Board. The prescribed assumption significantly conflicts with our judgment regarding what would constitute a reasonable assumption for the purpose of the measurement. As discussed with the Board we recommend lowering the net assumed return.

See the Required Disclosure Under F.S. 112.664(1) found near the end of section 2 of this report which provides the funding results using a net assumed return assumption 2% higher and 2% lower than the net assumed return used in this actuarial valuation. The Reasonable Actuarially Determined Contribution (RADC) is roughly half-way between the result for the 7.0% net assumed return and that for the 5.0% net assumed return.

The impact of any changes in assumptions and methods may be found in the reconciliation of the funded status and minimum funding requirements found near the end of Section 2 of this report. See "Reconciliations" in the table of contents.

State Contributions

The funding requirement is determined as a dollar amount assuming premium tax money received from the State will be the same amount received for the prior year. The City must contribute the dollar amount shown on page 1 on at least a quarterly basis. We understand there is no mutual consent regarding State premium tax dollar usage. Should the premium tax money received be less than expected or should a different portion of the State contribution be used towards the share component of the Plan, the City will need to contribute any potential shortfall to the Plan.

As described in the Outline of Plan Provisions found in Section 4 of this report, Share Participant allocations are based on excess premium tax money determined using the default methodology described in Chapter 175, F.S. which calls for half of any premium tax money greater than $156,635.48 to be used for share allocations with the other half used to reduce the City's funding requirement.

Assessment and Disclosure of Risk

This section is meant to address the assessment and disclosure of risk in a pension funding valuation. This is not meant to be a comprehensive summary but should provide information regarding risks related to this plan. Other historical information provided in this report contains relevant information regarding asset size, asset mix, pay increases, benefits, and contributions. This information can be used to understand the changes over time to identify trends. The following provides examples of potential risk.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law.

Investment Risk: As noted previously, investment returns less than the assumed rate of return result in increased annual minimum required contributions payable in a subsequent year.

Interest Rate Risk: Interest rates are used to discount the value of benefits. If the long-term expectation of returns is higher or lower than the assumed net investment return, the assumed net investment return should be adjusted. When the assumed net investment return is increased the estimated liability is decreased. When the assumed net investment return is decreased the estimated liability is increased. The chart below shows what the funded status of the plan is on a market value of assets basis after changing the net assumed return by 1% or 2%.

Funded Status on Market Value of Assets Basis

As of 10/1	2% Decrease	1% Decrease	Valuation Net Assumed Return	1% Increase	2% Increase	Valuation Net Assumed Return Assumption
2024	70.10%	78.86%	87.95%	97.33%	106.95%	7.00%
2023	61.55%	69.29%	77.34%	85.68%	94.26%	7.00%
2022	59.44%	66.97%	74.83%	82.97%	91.36%	7.00%
2021	76.14%	85.72%	95.70%	106.05%	116.73%	7.00%
2020	69.70%	78.29%	87.24%	96.51%	106.07%	7.40%
2019	65.14%	73.45%	82.11%	91.09%	100.34%	7.50%
2018	*	*	82.12%	*	*	7.50%

Longevity and Other Demographic Risks: The estimated liability of the Plan is based on assumptions related to mortality, retirement, disability, and termination. To the extent that Plan experience is different than these assumptions the gains and losses affect future required contributions and estimated liability.

Salary and Payroll Risk: Actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from that expected.

Contribution Risk: The possibility that the plan sponsor does not make contributions to the plan according to the funding policy.

Intergenerational equity risk: Intergenerational equity is the concept that resources do not belong to a specific

generation and they must be preserved for future generations. One way to alleviate this risk is to pay for benefits over the average future service of the group receiving benefits. Members may feel there are inequities when one is paying more than others, receiving less than others, or paying more than others in relation to what they are receiving.

Plan maturity measures may help understand the risks associated with the plan. As the Plan matures, the ratio of the Market Value of Assets to the Covered Payroll increases. As this ratio gets larger, the impact of asset volatility has a larger effect on the volatility of the Minimum Required Contribution as a percentage of pay.

Year Ending September 30,	Market Value of Assets	Valuation Payroll	Asset Volatility Ratio
2024	$28,972,267	$2,836,919	10.2
2023	24,118,811	2,757,657	8.7
2022	22,070,143	2,567,224	8.6
2021	26,561,799	2,776,056	9.6
2020	22,355,440	2,732,559	8.2
2019	20,141,146	2,495,048	8.1
2018	19,669,022	2,693,628	7.3
2017	18,996,791	2,658,407	7.1
2016	17,475,117	2,573,622	6.8
2015	16,241,906	2,269,006	7.2
2014	17,027,525	2,853,270	6.0
2013	15,329,767	3,023,471	5.1
2012	13,180,704	3,004,257	4.4
2011	11,051,863	3,073,457	3.6
2010	10,692,387	3,106,945	3.4

Another measure of a pension plan's maturity is the Ratio of Benefit Payments to Contributions. Over the life of a pension plan, it is expected that the majority of the benefits will be paid for by returns rather than contributions. For this to happen, as a plan matures, the plan will eventually pay out more in benefits than it receives in contributions. It is important to understand the magnitude of this difference so that steps can be taken, if necessary, to manage cash flows going forward. The table below provides the Ratio of Benefit Payments to Contributions. Note that there are other cash flows to be considered such as interest and dividends earned or expenses paid by a pension plan.

Year Ending September 30,	Benefit Payments	Contributions	Ratio of Benefit Payments to Contributions
2024	$1,426,413	$1,467,936	1.0
2023	1,360,973	1,316,527	1.0
2022	1,456,197	1,245,074	1.2
2021	1,307,565	1,158,870	1.1
2020	1,279,859	1,131,163	1.1
2019	1,268,317	1,035,049	1.2
2018	1,229,206	1,014,795	1.2
2017	1,165,231	1,003,375	1.2
2016	1,222,312	854,970	1.4
2015	1,445,857	954,892	1.5
2014	836,424	1,218,267	0.7
2013	780,467	1,172,229	0.7
2012	734,192	1,183,900	0.6
2011	783,495	1,313,278	0.6
2010	705,299	1,296,802	0.5

When looking at Net Cash Flows, it is useful to understand the relative size of the cash flows in comparison to the Market Value of Assets. The following table provides the ratio of the Net Cash Flows divided by the Market Value of Assets. As mentioned previously, there are other cash flows to be considered such as interest and dividends earned or expenses paid by a pension plan.

Year Ending September 30,	Contributions	Disbursements	Market Value of Assets	Net Cash Flow Divided by Assets
2024	$1,467,936	$1,514,912	$28,972,267	0.00
2023	1,316,527	1,455,874	24,118,811	(0.01)
2022	1,245,074	1,526,690	22,070,143	(0.01)
2021	1,158,870	1,390,717	26,561,799	(0.01)
2020	1,131,163	1,358,401	22,355,440	(0.01)
2019	1,035,049	1,315,253	20,141,146	(0.01)
2018	1,014,795	1,274,156	19,669,022	(0.01)
2017	1,003,375	1,209,943	18,996,791	(0.01)
2016	854,970	1,258,690	17,475,117	(0.02)
2015	954,892	1,496,179	16,241,906	(0.03)
2014	1,218,267	883,046	17,027,525	0.02
2013	1,172,229	815,215	15,329,767	0.02
2012	1,183,900	768,725	13,180,704	0.03
2011	1,313,278	818,174	11,051,863	0.04
2010	1,296,802	763,853	10,692,387	0.05

Additional risk assessment is outside the scope of this actuarial valuation. Additional assessment may include scenario tests, sensitivity tests, stochastic modeling, stress tests, and a comparison of the present value of accrued benefits at low-risk discount rates with the actuarial accrued liability.

Low-Default-Risk Obligation Measure

This section aims to address the evaluation and disclosure of a Low-Default-Risk Obligation Measure (LDROM) within a pension funding valuation. The LDROM involves a calculation of liability, assuming that the Plan's investments are in low-default-risk securities. Importantly, the LDROM serves as a supplementary calculation and is not intended to replace the funding measures outlined in this report.

Instead, the LDROM offers an additional perspective by providing a measure of the Plan's cost if its investments were shifted to low-default-risk fixed income securities. This adjustment aligns with return profiles that essentially mirror future cash flows, potentially mitigating contribution volatility. Furthermore, the LDROM serves to illustrate the potential savings the Plan experiences by diversifying its portfolio.

The table below depicts the Actuarial Accrued Liability for funding purposes in comparison to the LDROM. The net assumed rate of return for funding purposes is shown as well as the rate used to determine the LDROM based on the S&P Municipal Bond 20 Year High Grade Rate Index (yield to maturity). All other assumptions and methods are the same as described at the end of this report.

It's essential to understand that the LDROM is not the definitive measure of the Plan's liability. Instead, it provides an estimate of the Plan's cost under the scenario where the Board opts for a portfolio exclusively comprised of low-default-risk fixed income investments.

Valuation Date	Funding Accrued Liability	Funding Net Assumed Return	LDROM Accrued Liability	LDROM Rate
10/01/2024	$32,942,848	7.00%	$46,566,057	4.06%
10/01/2023	$31,184,023	7.00%	$39,818,553	4.87%

SECTION 2

RESULTS DERIVATION

SECTION 2 - RESULTS DERIVATION

In this section, the assets and liabilities of the Plan are shown in detail. Assets and liabilities are then compared to determine the funded status and minimum funding requirements. Finally, analysis is performed to explain movement in results from the prior valuation.

While asset information is based on the fair market value of assets, along with any techniques used to smooth out market fluctuations, liabilities are determined through a combination of the benefit provisions, participant census data which contains information for the members who will receive those benefits, and the methods and assumptions used with regard to how benefits will be paid to members. A summary of participant data, an outline of the benefit provisions, and a description of the methods and assumptions used in this valuation are described in Section 4.

Financial Information

Over the life of the Plan, the majority of assets are typically generated from investment return. In this section, we describe how the assets of the Plan are invested, show how the actuarial value of assets is derived, and review the investment results since the prior valuation.

Investment Allocation

Valuation Date	**October 1, 2023**		**October 1, 2024**	
Equity	$13,027,991	54%	$17,275,120	60%
Fixed Income	8,097,715	34%	9,153,714	32%
Real Estate	2,153,832	9%	1,755,883	6%
Cash and Cash Equivalents	784,877	3%	666,643	2%
Net Receivables	54,396	0%	120,907	0%
Fair Market Value of Assets	$24,118,811	100%	$28,972,267	100%

Reconciliation of Market Value of Assets

Year Ending September 30,	2023	2024
Additions		
Contributions:		
Employer	$895,607	$990,735
State of Florida	225,380	264,933
Member Regular	195,540	212,268
Member Buy-Back	0	0
Total contributions	$1,316,527	$1,467,936
Investment income (loss):		
Realized gains and losses	$51,239	$1,107,883
Unrealized gains and losses	1,723,070	3,299,550
Interest and dividends	525,278	624,531
Other income	0	0
Total investment income	$2,299,587	$5,031,964
Less investment expenses:		
Investment expense	$111,572	$131,532
Net investment income	$2,188,015	$4,900,432
Total additions	$3,504,542	$6,368,368
Deductions		
Benefit payments	$1,344,012	$1,345,704
PLOP lump sums	0	44,317
Share lump sums	14,603	3,437
Refunds of contributions	2,358	32,955
Administrative expenses	94,901	88,499
Total deductions	$1,455,874	$1,514,912
Net increase in net position	$2,048,668	$4,853,456
Fair Market Value of Assets		
Beginning of year	$22,070,143	$24,118,811
End of year	$24,118,811	$28,972,267
Return	9.95 %	20.34 %

Development of Actuarial Value of Assets

The Market Value of Assets is adjusted to recognize investment earnings greater than (or less than) the assumed net investment return over a five-year period. The Actuarial Value of Assets is no more than 120% and no less than 80% of the Market Value of Assets.

Development of Actuarial Value of Assets

1.	Market Value of Assets as of 9/30/2024				$	28,972,267
2.	Phase-In Gains (Losses) Over Five Year Period					
			Original Gain (Loss)	**Percent Unrecognized**		**Unrecognized Gain (Loss)**
	a. Year Ending 9/30/2024	$	3,223,032	80%	$	2,578,426
	b. Year Ending 9/30/2023		655,870	60%		393,522
	c. Year Ending 9/30/2022		(6,053,139)	40%		(2,421,256)
	d. Year Ending 9/30/2021		2,798,864	20%		559,773
	e. Total				$	1,110,465
3.	Cumulative Balance of State Monies for Benefit Improvement				$	0
4.	Preliminary Actuarial Value of Assets as of 9/30/2024 = 1. - 2.e. - 3.				$	27,861,802
5.	Corridor Around Market Value					
	a. Minimum = 80% of Market Value of Assets				$	23,177,814
	b. Maximum = 120% of Market Value of Assets				$	34,766,720
	c. Corridor Adjustment to Preliminary Actuarial Value				$	0
6.	Actuarial Value of Assets as of 9/30/2024 (4. + 5.c.)				$	27,861,802

Determination of Actuarial Asset Gain (Loss)

1.	Actuarial Value of Assets - Beginning of Year	$	25,917,417
2.	Contributions		1,467,936
3.	Benefit Payments + Administrative Expense		(1,514,912)
4.	Interest		1,803,302
5.	Expected Value of Assets at End of Year	$	27,673,743
6.	Actuarial Value of Assets - End of Year	$	27,861,802
7.	Gain (Loss) for Plan Year = (6) - (5)	$	188,059

Development of Historical Gain or Loss on Market Value of Assets

Year Ending September 30,		2024	2023
1.	Market Value of Assets - Beginning of Year	$24,118,811	$22,070,143
2.	Contributions	1,467,936	1,316,527
3.	Benefit Payments + Administrative Expenses	(1,514,912)	(1,455,874)
4.	Expected Interest	1,677,400	1,532,145
5.	Expected Value of Assets at End of Year	$25,749,235	$23,462,941
6.	Market Value of Assets - End of Year	$28,972,267	$24,118,811
7.	Gain (Loss) for Plan Year = (6) - (5)	$3,223,032	$655,870

Year Ending September 30,		2022	2021
1.	Market Value of Assets - Beginning of Year	$26,561,799	$22,355,440
2.	Contributions	1,245,074	1,158,870
3.	Benefit Payments + Administrative Expenses	(1,526,690)	(1,390,717)
4.	Expected Interest	1,843,099	1,639,342
5.	Expected Value of Assets at End of Year	$28,123,282	$23,762,935
6.	Market Value of Assets - End of Year	$22,070,143	$26,561,799
7.	Gain (Loss) for Plan Year = (6) - (5)	$(6,053,139)	$2,798,864

State Contributions

Calendar Year	Fiscal Year Ending September 30,	Total
2023	2024	264,933.20
2022	2023	225,380.16
2021	2022	182,002.48
2020	2021	172,490.22
2019	2020	152,263.73
2018	2019	144,626.57
2017	2018	141,149.15
2016	2017	146,815.00
2015	2016	150,583.64
2014	2015	166,379.91
2013	2014	161,481.42
2012	2013	156,635.48
2011	2012	163,137.34
2010	2011	148,365.97
2009	2010	150,459.61
2008	2009	151,617.38
2007	2008	177,356.72
2006	2007	179,780.63
2005	2006	138,695.36
2004	2005	123,857.18
2003	2004	119,787.79
2002	2003	114,618.49
2001	2002	101,494.92
2000	2001	94,571.61
1999	2000	98,330.96
1998	1999	94,115.90
1997	1998	97,054.72

Present Value of Benefits

Valuation as of October 1,		2023	2024
1.	**Active Members**		
a.	Retirement Benefits	$17,930,279	$19,800,433
b.	Termination Benefits	1,287,758	1,475,971
c.	Survivor Benefits	182,829	182,347
d.	Disability Retirement	338,221	310,387
e.	Total for Active Members	$19,739,087	$21,769,138
2.	**Inactive Members**		
a.	Retirement	$13,468,465	$13,727,133
b.	Terminated Members	1,693,639	1,659,457
c.	Beneficiaries	614,393	596,542
d.	Disability Retirement	158,186	154,162
e.	Total for Inactive Members	$15,934,683	$16,137,294
3.	**Share Balances**	$543,300	$696,970
4.	**Present Value of Benefits (PVB)**	$36,217,070	$38,603,402

Accrued Liability

Valuation as of October 1,		2023	2024
1.	**Active Members**		
a.	Retirement Benefits	$13,991,428	$15,361,265
b.	Termination Benefits	475,908	551,027
c.	Survivor Benefits	81,675	73,222
d.	Disability Retirement	157,029	123,070
e.	Total for Active Members	$14,706,040	$16,108,584
2.	**Inactive Members**		
a.	Retirement	$13,468,465	$13,727,133
b.	Terminated Members	1,693,639	1,659,457
c.	Beneficiaries	614,393	596,542
d.	Disability Retirement	158,186	154,162
e.	Total for Inactive Members	$15,934,683	$16,137,294
3.	**Share Balances**	$543,300	$696,970
4.	**Accrued Liability (AL)**	$31,184,023	$32,942,848

Normal Cost

Valuation as of October 1,		2023	2024
1.	**Preliminary Normal Cost**		
a.	Retirement Benefits	$443,712	$455,421
b.	Termination Benefits	86,822	93,048
c.	Survivor Benefits	11,011	11,044
d.	Disability Retirement	20,663	19,164
e.	Total for Active Members	$562,208	$578,677
2.	**Total Normal Cost**		
a.	Preliminary Normal Cost	$562,208	$578,677
b.	Estimated Administrative Expense	94,901	88,499
c.	Total Normal Cost	$657,109	$667,176
d.	Total Normal Cost as a % of Valuation Pay	23.83%	23.52%
3.	**Actual Employer Normal Cost**		
a.	Preliminary Normal Cost	$562,208	
b.	Actual Administrative Expense	88,499	
c.	Actual Employee Contributions (Excluding Buy-back)	(212,268)	
d.	Actual Employer NC	$438,439	
e.	Employer Normal Cost as a % of Pay	15.90%	
4.	**Valuation Payroll**	$2,757,657	$2,836,919

Unfunded Accrued Liability

Actuarial Valuation as of October 1,	2024
Unfunded Accrued Liability	
1. Actuarial Accrued Liability	$32,942,848
2. Actuarial Value of Assets	27,861,802
3. Unfunded Accrued Liability	$5,081,046
Funded Percentage	84.58%
Determination of Expected Unfunded Accrued Liability	
1. Unfunded Accrued Liability as of Prior Year	$5,266,606
2. Employer Normal Cost	438,439
3. Interest on (1) and (2)	399,353
4. Contribution from City and State	
a. Contribution from City	$(990,735)
b. Recognized Contribution from State	(264,933)
c. Total Contribution	$(1,255,668)
5. Interest on Contribution for Time on Deposit	(34,676)
6. Change in Plan, Methods or Assumptions	566,223
7. Expected Unfunded Accrued Liability	$5,380,277
Calculation of (Gain) or Loss	
1. Actual Unfunded Accrued Liability	$5,081,046
2. Expected Unfunded Accrued Liability	5,380,277
3. Total (Gain) or Loss	$(299,231)
Reconciliation of Unfunded Accrued Liability	
1. Unfunded Actuarial Liability as of Prior Year	$5,266,606
2. Total Change in Unfunded Accrued Liability	
a. Expected Change in Unfunded Accrued Liability	$(452,552)
b. Change in Plan, Methods or Assumptions	566,223
c. Change Due to (Gain) or Loss	
i. Portion of (Gain) / Loss Due to Investments	$(188,059)
ii. Portion of (Gain) / Loss Due to Demographics	(111,172)
iii. Total (Gain) or Loss	$(299,231)
d. Total Change in Unfunded Accrued Liability	(185,560)
3. Unfunded Accrued Liability	$5,081,046

Amortization Bases

	10/1	Type	Original	Outstanding Before Adjustment	Outstanding Amount	Years Remain	7.00% Amortization
1.	2007	Initial Base	$3,346,963	$1,017,922	$1,021,708	3	$363,854
2.	2008	Method Change	(1,296,344)	(480,039)	(481,825)	4	(132,942)
3.	2010	Assumption Change	(234,736)	(110,190)	(110,600)	6	(21,685)
4.	2010	Plan Change	*	(8,746)	(8,779)	16	(869)
5.	2013	Assumption Change	158,637	98,293	98,659	9	14,152
6.	2013	Method Change	2,630,644	1,629,985	1,636,048	9	234,683
7.	2015	Actuarial Experience	(631,086)	(84,497)	(84,811)	1	(84,811)
8.	2016	Actuarial Experience	162,127	41,754	41,909	2	21,663
9.	2016	Assumption Change	741,206	555,143	557,208	12	65,564
10.	2017	Actuarial Experience	150,465	55,273	55,479	3	19,757
11.	2017	Method Change	(225,709)	(174,733)	(175,383)	13	(19,612)
12.	2018	Actuarial Experience	303,232	142,214	142,743	4	39,385
13.	2019	Actuarial Experience	(104,482)	(57,828)	(58,043)	5	(13,230)
14.	2020	Actuarial Experience	233,317	151,248	151,811	6	29,766
15.	2020	Assumption Change	(338,204)	(287,955)	(289,026)	16	(28,594)
16.	2020	Method Change	(164,551)	(140,103)	(140,624)	16	(13,912)
17.	2021	Actuarial Experience	(745,471)	(552,411)	(554,466)	7	(96,152)
18.	2021	Assumption Change	1,140,098	1,014,692	1,018,466	17	97,492
19.	2022	Actuarial Experience	1,196,597	1,011,302	1,015,064	8	158,870
20.	2023	Actuarial Experience	1,109,113	1,028,838	1,032,665	9	148,131
21.	2024	Actuarial Experience	(299,231)	(299,231)	(299,231)	10	(39,817)
22.	2024	Plan Change	512,074	512,074	512,074	20	45,174
	Amortization of Unfunded Accrued Liability						$786,867
	Total Outstanding Bases			$5,063,005	$5,081,046		
	Unfunded Accrued Liability				5,081,046		

*The original base for plan change as of 10/1/2010 is not shown in the 10/1/2010 actuarial valuation. The base first appears in the 10/1/2011 valuation as (10,060) with 29 years remaining.

Amortization of Unfunded Liability

The Unfunded Accrued Liability is being amortized as a level dollar amount based on the interest assumption. Changes in the Unfunded Accrued Liability due to plan changes, assumption changes, and method changes are amortized over a 20-year period. Actuarial experience is amortized over a 10-year period.

The required contributions calculated each year include a payment for the amortization of the unfunded actuarial accrued liability. This payment is designed to reduce the Unfunded Accrued Liability in an orderly fashion over the next 20 years.

Projected Unfunded Accrued Liability and Amortization Payments

Plan Year Beginning October 1	Outstanding Bases	Amortization Payment
2024	$5,081,046	$786,867
2025	4,594,771	871,678
2026	3,983,712	850,017
2027	3,353,055	466,403
2028	3,088,719	559,962
2029	2,705,772	573,185
2030	2,281,869	565,109
2031	1,836,933	661,260
2032	1,257,970	502,399
2033	808,460	105,430
2034	752,243	145,243
2035	649,489	145,245
2036	539,541	79,684
2037	492,047	99,291
2038	420,250	99,291
2039	343,426	99,294
2040	261,221	142,670
2041	126,850	45,174
2042	87,393	45,174
2043	45,174	45,174

Minimum Funding Requirements

Valuation as of October 1, Funding for Year Ending September 30,	2023 2025	2024 2026
1. Minimum Required Contribution		
a. Total Normal Cost	$657,109	$667,176
b. Amortization of Unfunded Accrued Liability	733,746	786,867
c. Total Minimum Required Contribution		
i) Beginning of Year	$1,390,855	$1,454,043
ii) Periodic in Funding Year	$1,546,988	$1,617,657
2. Contribution by Source - $ Amount		
a. City Minimum Required Contribution	$1,176,732	$1,194,104
b. Expected State Contribution	191,008	210,784
c. Expected Employee Contributions	179,248	212,769
d. Total Minimum Required Contribution	$1,546,988	$1,617,657
e. Required from City Plus State in Funding Year	$1,367,740	$1,404,888
3. Contribution by Source - % of Pay		
a. City Minimum Required Contribution	42.67%	42.09%
b. Expected State Contribution	6.93%	7.43%
c. Expected Employee Contributions	6.50%	7.50%
d. Total Minimum Required Contribution	56.10%	57.02%
e. Required from City Plus State in Funding Year % of Pay	49.60%	49.52%
4. Valuation Payroll		
a. In Year Following Valuation Date	$2,757,657	$2,836,919
b. Projected to Funding Year	$2,757,657	$2,836,919
5. Key Assumptions		
a. Net Assumed Rate of Return	7.00%	7.00%
b. Total Payroll Increase to Funding Year	0.00%	0.00%

Reconciliations

Change in Funded Percentage

	Unfunded Accrued Liability	Funded Percentage	Change in Unfunded Accrued Liability	Change in Funded Percentage
October 1, 2023	**$5,266,606**	**83.11 %**		
Changes in Funded Percentage due to:				
Normal Operation of Plan	4,868,203	85.04 %	$(398,403)	1.93 %
Investment Experience	4,680,144	85.62 %	(188,059)	0.58 %
Demographic Experience	4,568,972	85.91 %	(111,172)	0.29 %
Plan Change	5,081,046	84.58 %	512,074	(1.33)%
Total Changes			$(185,560)	1.47 %
October 1, 2024	**$5,081,046**	**84.58 %**		

Change in City Minimum Required Contribution

	$ Amount	% of Pay
As of Prior Valuation (Fiscal 2025)	**$1,176,732**	**42.67%**
Changes in Contribution due to:		
Change Expected	$49,689	1.80%
Change in Expected State Contribution	(19,084)	(0.69%)
Change in Expenses	(7,090)	(0.25%)
Investment Experience	(27,713)	(1.01%)
Demographic Experience	(12,186)	(1.26%)
Plan Change	33,756	0.83%
Total Changes	$17,372	(0.58%)
As of Current Valuation (Fiscal 2026)	**$1,194,104**	**42.09%**

SECTION 3

ACCOUNTING INFORMATION

SECTION 3 - ACCOUNTING INFORMATION

Information Required by GASB 67/68

A supplemental report provides information under the Governmental Accounting Standards Board No. 67/68.

Statement of Accumulated Plan Benefits

The present value of accrued benefits is an estimate of the liability for all benefits accrued to date.

Valuation as of October 1,	2023	2024
1. Actuarial present value of accumulated plan benefits		
a. Participants currently receiving benefits	$14,244,481	$14,510,882
b. Other participants	13,600,906	14,930,385
c. Total vested plan benefits	$27,845,387	$29,441,267
d. Total non-vested plan benefits	346,485	472,170
e. Total accumulated plan benefits	$28,191,872	$29,913,437
2. Change in accumulated plan benefits		
a. Accumulated plan benefits beginning of year		$28,191,872
b. Increase (decrease) during year attributable to:		
i. Plan amendment		$307,172
ii. Change in assumptions or methods		0
iii. Benefits paid		(1,426,413)
iv. Increase for interest and probability of payment due to decrease in discount period and benefits accrued		2,840,806
v. Net increase (decrease)		$1,721,565
c. Accumulated plan benefits end of year		$29,913,437

Other Disclosures Required by the State of Florida

Valuation as of October 1,	2023	2024
Other Disclosures (where applicable)		
Present value of active member:		
Future salaries	$24,836,374	$27,727,804
Future contributions	$1,614,364	$2,079,585
Employee contributions without interest	$1,917,722	$2,008,856

Required Disclosure Under F.S. 112.664(1)

As required under F.S. Section 112.664(1) we have produced the following information:

(a) Total pension liability calculated based on mortality used in one of the last two Florida Retirement System (FRS) valuations.

(b) Total pension liability calculated using an assumed interest rate that is 200 basis points lower than that assumed in the valuation of the Plan.

(c) Determination of the number of months or years for which the current market value of assets is adequate to sustain the payment of expected retirement benefits.

(d) Recommended contribution to the Plan using the most recent valuation and the contributions necessary prepared pursuant to (a) and (b) stated as a dollar amount and % of payroll.

	2% Decrease (5.00%)	Current Discount Rate (7.00%)	2% Increase (9.00%)
Total pension liability	$41,330,135	$32,942,848	$27,090,256
Plan fiduciary net position	(28,972,267)	(28,972,267)	(28,972,267)
Net pension liability	$12,357,868	$3,970,581	$(1,882,011)
Plan fiduciary net position as a percentage of the total pension liability	70.10%	87.95%	106.95%
Years of benefit payments:			
Expected for current members:	99	99	99
Paid for with current assets:	16.66	21.89	42.79
City Plus State Contribution Requirement, Plus Expected Employee Contributions			
As a Dollar Amount	$2,616,327	$1,617,657	$804,023
Percent of Payroll	92.22%	57.02%	28.34%
Increase (Decrease)	$998,670		$(813,634)

Required Disclosure Under F.S. 112.664(2)(b)2.

F.S. Section 112.664(2)(b)2. - For the previous five years, beginning with 2013, a side-by-side comparison of the plan's assumed rate of return compared to the actual rate of return, as well as the percentages of cash, equity, bond and alternative investments in the plan portfolio.

Year Ending September 30,	**2024**	**2023**	**2022**	**2021**	**2020**
Net assumed rate of return	7.00%	7.00%	7.00%	7.40%	7.50%
Actual rate of return	20.34%	9.95%	(15.93%)	19.96%	12.19%
Percentages of assets in:					
Cash	2%	3%	2%	3%	2%
Equity	60%	54%	51%	53%	51%
Bond	32%	34%	35%	34%	36%
Alternative	6%	9%	12%	10%	11%
Total	100%	100%	100%	100%	100%

SECTION 4

SUPPLEMENTARY INFORMATION

SECTION 4 - SUPPLEMENTARY INFORMATION

Summary of Participant Data

Member Statistics

As of October 1,	2023	2024
Active Participants		
Number	46	50
Average Age	38.3	37.0
Average Service	11.9	11.1
Percent Male	89.1	92.0
Average Annual Pay	$71,101	$74,953
Total Covered Payroll	$3,270,655	$3,747,640
Valuation Payroll	$2,757,657	$2,836,919
Annual Report	$3,129,597	$3,274,759
Terminated Vested Participants		
Number	12	11
Average Age	45.3	45.8
Percent Male	91.7	90.9
Average Monthly Benefit	$1,791	$1,826
Service Retirements		
Number	26	27
Average Age	63.9	64.2
Percent Male	100.0	96.3
Average Monthly Benefit	$4,004	$3,935
Beneficiaries		
Number	5	5
Average Age	77.3	78.3
Percent Male	0.0	0.0
Average Monthly Benefit	$1,270	$1,270
Disabled		
Number	1	1
Average Age	61.3	62.3
Percent Male	100.0	100.0
Average Monthly Benefit	$1,534	$1,534

Number of Active Members by Age and Service as of October 1, 2024

Age	< 1	< 5	< 10	< 15	< 20	< 25	< 30	Total
< 20								
< 25	6	3						9
< 30	2	9						11
< 35		3	3	1				7
< 40	1			1	2			4
< 45					2	1		3
< 50					3	2	1	6
< 55						3	1	4
< 60					2	1	3	6
Total	8	16	3	2	9	7	5	50

Average Active Valuation Pay by Age and Service as of October 1, 2024

Age	< 1	< 5	< 10	< 15	< 20	< 25	< 30	Total
< 20								
< 25	50,630	51,826						51,029
< 30	50,830	58,773						57,329
< 35		58,516	70,025	77,184				66,115
< 40		72,877		75,732	83,068			78,686
< 45					88,895	99,713		92,501
< 50					87,020	107,623	114,500	98,467
< 55						117,681	101,603	113,661
< 60					68,994	86,172	111,033	92,877
Total	50,680	58,304	70,025	76,458	82,553	107,739	109,841	74,953

Share Account Balance

Fiscal Year Ending September 30,		2023	2024
1.	Beginning of Year	$476,426	$543,300
2.	Adjustment to beginning balance	0	0
3.	Allocations	34,372	54,149
4.	Investment return	47,105	102,958
6.	Distributions	(14,603)	(3,437)
5.	Administrative fee	0	0
7.	End of Year	$543,300	$696,970

Reconciliation of Plan Participants

	Active	Retired	Deferred Vested	Disabled	Survivor	Total
October 1, 2023	**46**	**26**	**12**	**1**	**5**	**90**
Retired	(1)	1				0
Terminated Vested		1	(1)			0
Nonvested Termination	(3)					(3)
Deceased		(1)				(1)
Additions	8					8
October 1, 2024	**50**	**27**	**11**	**1**	**5**	**94**

Outline of Plan Provisions

Plan Type: Single-employer Defined Benefit Pension Plan

Effective Date: The original effective date was July 1, 1963 (also known as the "Superseded Plan"). The Plan was amended and restated effective October 1, 1978 ("Prior Plan") with Ordinance No. 79-3 dated March 12, 1979. Subsequently the Plan was amended by Ordinances No. 82-16, 82-35 and 82-58. The Plan was amended and restated effective October 1, 1991 ("Prior Plan Two") with Ordinance No. 92-24 dated August 24, 1992. (The Plan had also been amended by Ordinance No. 92-20 adopted July 13, 1992 but this Ordinance was rescinded with Ordinance No. 92-24.) Subsequently the Plan was amended as follows:

Ord. #	Adopted	Effective	Description
93-15	09/13/1993	01/01/1993	Addition of language regarding *nonadmissible causes of disability* and *eligible rollover distributions*.
94-03	01/24/1994	04/01/1994	The definition of *Basic Compensation* was revised to that shown below (except it did not include tax-deferred compensation). *Early Retirement factors* were revised to a reduction 0.25% per month for retirement prior to the Normal Retirement Date as described below. The Employee Rate was increased from 5% to 6.5% of Basic Compensation. The *multiplier* was increased from 2.25% to 2.75%.
96-25	05/28/1996	04/01/1996	The *multiplier* was increased from 2.75% to 3.0%, *Supplemental Retirement Income* was increased from $166.67 to $200 per month for Normal Retirements on or after April 1, 1996 on a temporary life only basis to age 58 with a maximum of 36 payments, and a one-time COLA was granted to Participants who had been retired for three or more years.
96-42	11/12/1996	10/01/1996	Language pertaining to *Disability Retirement* was removed. The language removed included statements that *Line of Duty Disability* provisions do not apply to Participants who have reached the Normal Retirement or Early Retirement Date and also that the monthly amount may be reduced by Workmen's Compensation Law of the State of Florida.
97-39	10/27/1997	10/15/1997	NCNB National Bank of Florida was removed as Trustee and the *Retirement Committee* was appointed.
99-06	02/08/1999	10/01/1998	The *Normal Retirement Date* was lowered to that described below and *Supplemental Retirement Income* was increased from $200 to $220 per month for Normal Retirements on or after October 1, 1998 on a temporary life only basis to age 58 with a maximum of 72 payments.
99-06	02/08/1999	10/01/1999	The section defining "*Contributions*" was revised to read as summarized under "Funding Requirements" below.

Most recently the Plan was amended and restated effective April 1, 2000 with Ordinance No. 00-47 dated September 25, 2000 to incorporate the above amendments, to revise the definition of Basic

Compensation, Employee and Firefighter, to add options for ad-hoc COLAs, along with other administrative language changes. Participants do not receive less than the benefits accrued as of March 31, 2000 and no vested rights as of March 31, 2000 are diminished. Subsequently the Plan was amended as follows:

Ord. #	Adopted	Effective	Amnd	Description
04-55	08/09/2004	10/01/2003	1	*Supplemental Retirement Income* was increased for Normal Retirements from $220 per month on a temporary life only basis to age 58 with a maximum of 72 payments to $13 per month x Credited Service (not less than $220 per month) on a temporary life only basis to age 65.
08-10	01/28/2008	10/01/2007	2	Employees become *Participant*s upon hire effective October 1, 2007 and begin Employee Contributions immediately.
08-102	12/08/2008	10/01/2008	3	The definition of *Retirement Committee*, *buy-back of prior service with the City*, various rules related to *Disability Retirement* (including removal of the five-month requirement for Not Line of Duty Disability) and *benefit payable other than on retirement*, and *Optional Forms of Benefit* including lump sum payment of small retirement income were revised as described below. The definition of *Beneficiary* was revised to the person(s) designated by the Participant to receive death benefits and that if there is no designation on file or if the designated Beneficiary and Contingent Beneficiary are not living the Beneficiary is the estate of the Participant. Language was added to allow a Participant to voluntarily *leave Employee Contributions in the Plan* for a period of five years pending the possibility of rehire. Credited Service was revised to include certain service for *military service* voluntarily or involuntarily after employment with the City for all purposes including vesting. *Leave of Absence* was amended to remove that military service must be compulsory and that return to work must be within the time allowed by federal or state law.
08-103	12/08/2008	10/01/2008	4	The *Share Program* was created as described below.
10-20	02/22/2010	10/01/2009	5	Credited Service is revised to indicate the Beneficiary of a Participant who leaves employment and dies on or after January 1, 2007 while performing *qualified military service* is entitled to benefits as if the deceased

				Participant had resumed employment then terminated on account of death. *Optional Forms of Benefit* is revised to indicate the Participant may change the joint pensioner at any time, but not the option previously selected. The amount of retirement income payable would be actuarially redetermined to take into the account the age of the former and new joint pensioner. *Benefits Not Assignable* is revised to indicate the Retirement Committee may authorize certain deductions. *Termination of the Plan* is revised to indicate Plan repeal or termination would be based Florida Statutes. *Authority of the Retirement Committee* is revised with respect to the investment of assets in accordance with Florida Statutes. *Applicable Law* is revised to remove certain Florida Statutes citations.
10-51	07/12/2010	01/01/2010	6	*Average Monthly Compensation* is revised from an average of the three successive to the three highest calendar years out of the last five calendar years. The computation is subject to written rules adopted by the Board of Trustees. The definition of Employee and Firefighter is revised to indicate that if the *Fire Chief*, when appointed, is not a Participant of the Plan, may make an irrevocable election not to Participate in the Plan within 90 days of notice from the Retirement Committee.
11-20	03/14/2011	01/01/2011	7	*Supplemental Retirement Income* was revised from being for Normal Retirements at $13 per month x Credited Service (not less than $220 per month) on a temporary life only basis to age 65 to payable for Normal, Early, or Disability Retirement at $10.50 per month x Credited Service for 156 monthly payments, or until the Participant's death if earlier.
15-31	09/14/2015	08/01/2015	8	For Participants hired on or after August 1, 2015 *Employee Contributions* are not credited with any interest.
2017-22	05/22/2017	07/01/2017	9	Participants may *purchase a total of 5 years of Credited Service* for military service prior to hire and firefighter service prior to hire if not entitled to receive a benefit for such prior service. The service purchased does not count until 5 actual years of Credited Service are worked. See below for details.

23-44	07/24/2023	07/24/2023	-	Revise the name of the Plan, create a new section regarding Required Minimum Distributions, and to comply with the Heart and Lung Act as well as the Firefighter Cancer Presumptions of Chapter 112 and 175 Florida Statutes.
25-56	09/08/2025	09/08/2025	-	Implement a 5-Year Deferred Retirement Option Program (DROP), increase employee contributions from 6.5% to 7.5% of pay, and to include up to 100 hours of overtime as pensionable compensation.

Plan Year: The 12-month period from October 1st to the next September 30th.

Plan Administrator: The Board of Trustees

Retirement Committee Composition: Two are elected from among the Participants of the Plan, two City residents are appointed by the Commission, and one person is chosen by a majority of the previous four members.

Funding Requirements: City contributions are actuarially determined and along with Employee Contributions are meant to maintain the Plan on a sound actuarial basis. If the required City contribution (net of Employee Contributions and those received under Chapter 175) exceeds the percentage of payroll contributed to the General Plan of the City, the Plan will be amended to increase Employee Contributions or to implement prospective benefit reductions to maintain the Plan on a sound actuarial basis. City contributions are subject to State statute.

Employee: Any person in the regular full-time service of the City Fire Department as defined in in Florida Statute 175-032(11)(a) who within one year of employment meets the required standards of the Florida Firefighters Standards Council. However, an Employee does not include voluntary firefighters, Elected Officials, the City Manager, City Attorney, Judge, Prosecutor (and assistants), dispatchers, clerk typists, or any person employed for a temporary period or temporary job. As provided for in Amendment 6, if the Fire Chief, when appointed, is not a Participant of the Plan, an irrevocable election may be made not to Participate in the Plan within 90 days of notice from the Retirement Committee.

Participant: Prior to Amendment 2 effective October 1, 2007, Employees who attained both age 18 and 1 year of Credited Service became Participants of the Plan and began Employee Contributions upon Participation. Effective with Amendment 2, Employees become Participants upon hire effective October 1, 2007 and begin Employee Contributions immediately. Any retired, disabled or terminated person with a right to benefits is also a Participant.

Effective on or after January 1, 1982 per Ordinance No. 82-35, if an Employee has an employment status change which is not a termination of employment which makes them ineligible for continued participation in another retirement plan of the City, they Participate in this Plan upon their status change, or when eligibility requirements are met. Benefits are calculated only using Credited Service and Basic Compensation in this Plan. Vesting and eligibility for Early Retirement is determined based on total

Credited Service under all retirement plans of the City. If the employment status change makes the Participant ineligible for continued participation in this Plan, they are treated as a terminated participant except they are not allowed to withdraw Employee Contributions and Vesting is determined based on total Credited Service under all retirement plans of the City. If such a person again becomes a Participant of this Plan, any accrued deferred monthly retirement income which the Participant subsequently becomes entitled to is added to that previously earned. If a Participant is no longer in an employment status that qualifies for the Plan, the Participant may be able to elect to retirement benefits even though employment has not terminated.

Credited Service: Employment service computed in years and completed calendar months.
A period of absence of 31 days or more is excluded from Credited Service unless regular compensation is received during absence. While the document states the first two years of military service are included in Credited Service, under the Uniformed Services Employment and Reemployment Rights Act of 1994 (USERRA), a Participant is entitled to service while absent due to active military service after March 12, 1999 up to five years subject to certain requirements related to the return to work (within 1 year of release). See Amendment 3. Different rules apply to Participants absent due to military service prior to April 1, 2000. See the Plan document and Amendment 3 for the definition of Leave of Absence. See the Plan document for rules related to Participants who terminate while entitled to a retirement income and subsequently re-enter service of the City.

As provided for in Amendment 3, Participants are permitted to "buy-back" Credited Service due to prior service with the City by payment of Employee Contributions for which the buy-back is applicable plus 6% interest compounded annually to the date of payment (as a lump sum or over a period not more than 1 year). If payments are not completed by the time the Participant or Beneficiary begins to receive benefits, the remaining payments are offset from benefits payable.

As provided for in Amendment 5, the Beneficiary of a Participant who leaves employment and dies on or after January 1, 2007 while performing qualified military service is entitled to benefits as if the deceased Participant had resumed employment then terminated on account of death. See other language in Amendment 5.

As provided for in Amendment 9 effective July 1, 2017, Participants may purchase a total of 5 years of Credited Service for military service prior to hire and firefighter service prior to hire if not entitled to receive a benefit for such prior service. The cost of the purchase is the actuarial equivalent attributable to the Credited Service purchased on the date of deposit based on interest and mortality determined by the Retirement Committee (with actuary advice). The purchase of Credited Service does not count until 5 actual years of Credited Service are earned, excluding the service purchase. A refund is paid of the total amount deposited for those who terminate prior to reaching 5 actual years of Credited Service and to those who terminate prior to completing payment of the purchase.

Vesting: Participants become 100% vested after earning 10 years of Credited Service.

Basic Compensation: Total compensation actually paid in a calendar year including tax deferred compensation and excluding overtime, shift differential, commissions, bonuses, accrued annual leave, accrued sick leave, accrued compensatory time, expense allowances, working out of class pay and all other extraordinary compensation. Ordinance 25-56 was adopted effective September 8, 2025 to include up to 100 hours of overtime as pensionable compensation.

Employee Contributions: Employee Contributions are made on a pre-tax basis commencing October 1, 1991. Effective with Amendment 2, Employees become Participants upon hire effective October 1, 2007 and begin Employee Contributions immediately.
Employee Contributions are made at the following percentage of Basic Compensation.

Prior to April 1, 1994:	5.0%
Effective April 1, 1994:	6.5%

Ordinance 25-56 was adopted effective September 8, 2025 to implement a 5-Year Deferred Retirement Option Program (DROP), increase employee contributions from 6.5% to 7.5% of pay, and to include up to 100 hours of overtime as pensionable compensation.

Employee Contributions made on or after October 1, 1978 are credited with 5% interest compounded annually. However, as provided by Amendment 8, for Participants hired on or after August 1, 2015 Employee Contributions are not credited with any interest.

Participants who terminate non-vested are entitled to the return of Employee Contributions accumulated with interest at 5% to the first day of the month in which termination occurs. However, as provided by Amendment 8, for Participants hired on or after August 1, 2015 Employee Contributions are not credited with any interest.

Participants receive benefits under the Plan no less than the value of their accumulated Employee Contributions (with interest for Participants hired before August 1, 2015).

Average Monthly Compensation: Effective January 1, 2010 as provided for in Amendment 6 , the sum of the highest three calendar years of Basic Compensation in the last five calendar years of employment divided by 36. Prior to January 1, 2010 the three calendar years were successive. Board policy allows for proration of the third highest calendar year of compensation when final year is not a 12 month period.

Normal Retirement Date: Effective October 1, 1998 as provided for in Ordinance No. 99-06, the first day of the month coincident with or next following the earlier of attainment of both age 52 and 25 years of Credited Service or both age 55 and 10 years of Credited Service.

Accrued Benefit: The amount of monthly retirement income payable at the Normal Retirement Date is determined as follows:

3% x Average Monthly Compensation x Credited Service

The Accrued Benefit is payable in the form of a 10-year certain and continuous annuity. Participants who terminate employment 100% vested prior the Normal Retirement Date are eligible to receive their Accrued Benefit once the age requirements for the Normal Retirement Date are met, provided Employee Contributions remain in the Plan.

Participants who terminate employment 100% vested prior the Normal Retirement Date but on or after their Early Retirement Date and do not commence receipt of an Early Retirement Benefit at termination will receive a monthly retirement income not less than the monthly retirement income which can be provided by the single-sum value of the monthly early retirement income which would have been payable if he had retired immediately upon termination, accumulated with interest from termination to

the date the monthly retirement income payments are to commence (where all computations are based on interest and mortality assumptions in effect at termination).

Historical multiplier used for determination of the accrued benefit is as follows:

Effective	Ord. No.	Multiplier
*	*	2.25%
04/01/1994	94-03	2.75%
04/01/1996	96-25	3.00%

*We do not have information on when the 2.25% multiplier became effective.

Supplemental Retirement Income: As provided for in Amendment 7, effective January 1, 2011 Participants who retire under Normal, Early, or Disability Retirement are entitled to a monthly Supplemental Retirement Income of $10.50 per month per year of Credited Service for 156 monthly payments, or until the Participant's death if earlier.

Historical Supplemental Retirement Income is as follows:

Effective	Ord. No.	Eligibility	Monthly Amount	Payable Until Age**	Maximum Monthly Payments**
*	*	*	$166.67	58	36
04/01/1996	96-25	Normal	$200.00	58	36
10/01/1998	99-06	Normal	$220.00	58	72
10/01/2003	04-55	Normal	$13.00 x Credited Service Not Less than $220.00	65	N/A
01/01/2011	11-20	Normal, Early, Disability	$10.50 x Credited Service	N/A	156

*We do not have information on when the 166.67 per month became payable.
**Payable until age shown for a maximum number of monthly payments, or until death if earlier.

Late Retirement Benefit: The amount of monthly retirement income payable to a Participant who retires after the Normal Retirement Date is the greater of (i) the monthly retirement income which can be provided by the single-sum value of the Accrued Benefit payable if he had retired at the Normal Retirement Date, accumulated with interest from the Normal Retirement Date to the date the monthly retirement income payments are to commence (where all computations are based on interest and mortality assumptions in effect on the Normal Retirement Date), and (ii) the monthly retirement income computed as described for the Accrued Benefit using Credited Service and Average Monthly Compensation determined at the Participant's actual retirement date.

Early Retirement Date: The first day of the month coincident with or next following the date an Employee retires prior to the Normal Retirement Date after attainment of both age 50 and 10 years of Credited Service.

Early Retirement Benefit: Effective April 1, 1994 as in Ordinance No. 94-03, the Accrued Benefit is reduced for commencement earlier than the Normal Retirement Date at a rate of 0.25% per month. Participants who terminate employment 100% vested prior to reaching the Early Retirement Date requirements may elect to receive an Early Retirement Benefit once the age requirements are met,

provided Employee Contributions remain in the Plan.

Participants who recover from Disability Retirement and who were eligible for an Early Retirement Benefit at the date of disability may elect to receive this benefit upon recovery from disability.

Disability Retirement: A Participant may retire if terminated by reason of Total and Permanent Disability on or after October 1, 1991 but prior to the Normal Retirement Date. See the Plan document and Amendment 3 for the definition of Total and Permanent Disability, Nonadmissible Causes of Disability, and the requirements for continued Proof of Disability every six months.

As defined in Amendment 3, once the Retirement Committee approves the Participant's Disability Retirement, this benefit is payable from the first day of the month following the last day the Participant was paid Basic Compensation. The benefit is payable in the form of a 10-year certain and continuous annuity. The last payment is that due next preceding the earlier of (1) the date of recovery prior to the Normal Retirement Date and (2) the later of the date of death or the 120th payment. The amount of monthly retirement income is determined as follows.

(a) Non-Line of Duty: Participants with less than 10 years of Credited Service upon disability receive a monthly retirement income which can be provided by the greater of (i) the single-sum value of the Accrued Benefit and (ii) 2 x Basic Compensation paid in the calendar year immediately preceding disability. The monthly retirement income which may be provided by (ii) is limited to 60% x Anticipated Monthly Retirement Income at the Normal Retirement Date.
(b) Non-Line of Duty: Participants with 10 years of Credited Service or more upon disability receive a monthly retirement income which is the greater of (i) the monthly retirement income which can be provided by the single-sum value of the Accrued Benefit and (ii) 30% x Basic Compensation paid in the calendar year immediately preceding disability. Note the single-sum value of (ii) is limited to 100 x the Anticipated Monthly Retirement Income at the Normal Retirement Date. As included in Amendment 3, the minimum amount payable is 25% of the Participant's Average Monthly Compensation at the time of disability.
(c) Line of Duty: Participants receive a monthly retirement income which is 50% x Basic Compensation paid in the calendar year immediately preceding disability where the single-sum value of this monthly amount does not exceed 100 x the Anticipated Monthly Retirement Income at the Normal Retirement Date. As included in Amendment 3, the minimum amount payable is the greater of 42% of the Participant's Average Monthly Compensation at the time of disability and the Accrued Benefit at disability.

Participants who recover from disability and re-enter the service of the City within 30 days of recovery will be deemed to have continuous service for the period during which the Participant was Totally and Permanently Disabled. Disability Retirement benefits are discontinued to Participants who recover from disability and do not re-enter the service of the City within 30 days of recovery, but they may be eligible for Early or vested deferred retirement.

Anticipated Monthly Retirement Income at the Normal Retirement Date: Determined as described for the Accrued Benefit, but instead using Anticipated Credited Service and Anticipated Average Monthly Compensation. Anticipated Credited Service is the sum of Credited Service actually earned as of the end of the Plan Year next preceding termination plus additional time as if the Participant remains employed to the Normal Retirement Date. Anticipated Average Monthly Compensation is computed assuming that

the last complete calendar year of Basic Compensation is paid in each following year, without change, to the Normal Retirement Date.

Survivor Benefit at Death of Disabled Participant Prior to Disability Retirement: As provided for in Amendment 3, the designated beneficiary of a disabled Participant who dies prior to receipt of Disability Retirement benefits is eligible to receive a monthly retirement income payable in the form of a 10-year certain and continuous annuity payable commencing on the first of the month coincident with or next following the date of the disabled Participant's death. The designated beneficiary will receive a monthly retirement income which can be provided by the greater of (i) the single-sum value of the Accrued Benefit and (ii) 2 x Basic Compensation paid in the calendar year immediately preceding disability limited to 100 x the Anticipated Monthly Retirement Income at the Normal Retirement Date. The single-sum value may be paid to the Beneficiary instead of monthly payments.

Survivor Benefit at Death of Vested Terminated Participants: As provided for in Amendment 3, the designated beneficiary of vested Participant who dies prior to retirement is eligible to receive a monthly retirement income payable in the form of a 10-year certain and continuous annuity payable commencing on the first of the month coincident with or next following the Participant's death which can be provided by the single-sum value of the Participant's Accrued Benefit (or Early Retirement benefit). The single-sum value may be paid to the Beneficiary instead of monthly payments.

Survivor Benefit at Death of Active Employee Prior to Normal Retirement Date: As provided for in Amendment 3, the designated beneficiary of a Participant who dies while in active service prior to the Normal Retirement Date is eligible to receive a monthly retirement income payable in the form of a 10-year certain and continuous annuity payable commencing on the first of the month coincident with or next following the Participant's death which can be provided by the greater of (i) the single-sum value of the Accrued Benefit as of the date of death, not less than the single-sum value of the Early Retirement Benefit which would have been payable if the Participant had retired early on the date of death, and (ii) 2 x Basic Compensation paid in the calendar year immediately preceding death limited to 100 x the Anticipated Monthly Retirement Income at the Normal Retirement Date. All computations are based on interest and mortality assumptions in effect on the date of death. The single-sum value may be paid to the Beneficiary instead of monthly payments. As provided for in Amendment 5, the Beneficiary of a Participant who leaves employment and dies on or after January 1, 2007 while performing qualified military service is entitled to benefits as if the deceased Participant had resumed employment then terminated on account of death.

Survivor Benefit at Death of Active Employee After Normal Retirement Date: As provided for in Amendment 3, the designated beneficiary of a Participant who dies while in active service after the Normal Retirement Date is eligible to receive a monthly retirement income payable in the form of a 10-year certain and continuous annuity payable commencing on the first of the month coincident with or next following the Participant's death which can be provided by the single-sum value of the Late Retirement Benefit. The single-sum value may be paid to the Beneficiary instead of monthly payments. As provided for in Amendment 5, the Beneficiary of a Participant who leaves employment and dies on or after January 1, 2007 while performing qualified military service is entitled to benefits as if the deceased Participant had resumed employment then terminated on account of death.

Optional Forms of Retirement Income: The Normal Form of Payment is a 10-year certain and continuous form of annuity. In addition to the Normal Form, also available under the terms of the Plan are a life

only annuity and a joint and 50%, 66 2/3%, 75%, or 100% survivor annuity. Participants are allowed to elect another form of payment as in the opinion of the Retirement Committee to best meet the circumstances of a Participant. See Amendment 3. A partial lump sum distribution may be requested not more than 25% of the actuarial present value of the accrued benefit where the monthly benefit is reduced actuarially for the partial lump sum payment. If the single-sum value is less than $5,000 the Retirement Committee may specify payment of the lump sum value or payments for a period certain not more than 60 months. As provided for in Amendment 5, the Participant may change the joint pensioner at any time, but not the option previously selected. The amount of retirement income payable would be actuarially redetermined to take into the account the age of the former and new joint pensioner.

Share Program: A Share Program is created as provided for in Amendment 4 under Ordinance No. 08-103 adopted December 8, 2008 effective October 1, 2008.
Share Participants include (i) any retired firefighter who separated service on or after October 1, 1984, (ii) terminated vested firefighters (and their Beneficiaries) upon commencement of monthly benefits, and (iii) firefighters employed on or after October 1, 2008. Any Beneficiary of these Participants are also Share Participants.

The Share Program has a calendar year with an annual valuation date of September 30th.

The following are not entitled to any Share Program payments or shares: (i) Participants who terminated non-vested prior to October 1, 2008 and received a refund of Employee Contributions (or who died with no survivor benefits payable), and (ii) those who received a lump sum distribution.

A Share Participant's account is credited with (i) an allocation of the initial amount, (ii) subsequent annual allocations, (iii) forfeitures, and (iv) the investment return of the Plan net of investment expenses (as reported by the investment consultant) and then also net of administrative expenses of the Share Program. Allocations to Share Participants are net of Share Program expense. Subsequent annual allocations are not made to vested terminations who are not yet receiving monthly benefits.

The following describes the initial allocation of the cumulative balance of additional state premium tax money as of October 1, 2008.

(1) Share Participants who retired before December 31, 1998 and are receiving monthly benefits on October 1, 2008 (or their Beneficiary) are allocated $2,000 (unless a higher distribution allocation is determined by (2) below).

(2) The remaining balance is allocated to Share Participants (or their Beneficiary) who had completed 12 months of Credited Service during calendar years 1998 through 2007 where the Share Participant receives 1 share for each year (10 maximum). Those who earn a share and terminate non-vested on or after October 1, 2008 and receive a refund of Employee Contributions (and without qualifying for Disability Retirement or any survivor benefits) the share plus any earnings is forfeited and allocated equally among the remaining active Share Participants employed on the October 1st immediately following the forfeiture if they had completed 12 months of Credited Service during the previous calendar year.

(3) Each eligible retired firefighter (or Beneficiary) receiving monthly benefits on October 1, 2008 receives the initial distribution on or before December 31, 2008. Any subsequent distributions

are made on or before December 31st following the Plan Year in which a Share Participant terminates and commences payment of monthly benefits.

The following describes the subsequent annual allocations of additional excess state premium tax moneys received after October 1, 2008. These allocations are made as soon as possible after the receipt of any additional premium tax moneys. For any state premium tax moneys collected for calendar year 2008 and after in excess of the then current frozen state contribution amount (as determined by the Plan actuary, which was $110,449.18 for the plan year ending September 30, 2009) allocations are made as follows.

However, note that effective for the Plan Year ending September 30, 2018, Share Participant allocations are based on excess premium tax money determined using the default methodology described in Chapter 175, F.S. which calls for half of any premium tax money greater than $156,635.48 to be used for share allocations with the other half used to reduce the City's funding requirement. This is because there was no statement of mutual consent in the collective bargaining agreement for October 1, 2017 through September 30, 2020, October 1, 2020 through September 30, 2023 or from October 1, 2023 to September 30, 2026 for the City of Leesburg and Professional Firefighters of Leesburg Local 2957, IAFF, AFL-CIO-CLC.

(1) Ten percent (10%) of the excess state premium tax money is allocated equally to each Share Participant retiree on or after January 1, 1978 (or their Beneficiary) who on October 1, 2009 and each October 1st thereafter are receiving monthly benefits.

(2) Ninety percent (90%) of the excess state premium tax money is allocated equally to active Share Participants employed on October 1, 2009 and each October 1st thereafter who had 12 completed months of Credited Service during the previous calendar year. Those who terminate non-vested after October 1, 2008 and receive a refund of Employee Contributions (and without qualifying for Disability Retirement or any survivor benefits) share allocations plus any earnings are forfeited and allocated equally among the remaining active Share Participants employed on the October 1st immediately following the forfeiture if they had completed 12 months of Credited Service during the previous calendar year.

(3) However, for those who retire on December 31st with 12 completed months of Credited Service that calendar year receive, for the <u>following</u> distribution, the greater of the equal allocation of 10% of the excess state premium tax money as a retiree or the equal allocation of 90% as an active Share Participant who had completed 12 months of Credited Service for the calendar year in which the December 31st retirement occurred.

Distributions are made on or before December 31st following the Plan Year in which a vested Share Participant terminates or dies, in which Disability Retirement is awarded (even for those with less than 10 years of Credited Service), or in which a Share Participant incurs a service incurred death with less than 10 years of Credited Service.

<u>Cost-of-Living Adjustment (COLA)</u>: The ordinance contains the following wording. Participants who retired prior to October 1, 1978 receive a COLA annually on July 1st not more than 3% based on a ratio of the March 31st Consumer Price Index (all items – United States city average) published monthly by the Bureau of Labor Statistics for the prior year divided by that for the current year to the nearest one-tenth

of one percent. Both increases and decreases are applied, but benefits are not less than that first payable. However, we understand COLAs are considered by the Board every year and are only provided through Board approval.

Every three years beginning October 1, 1994 the Retirement Committee may grant (with City Commission approval) a one-time payment of not more than 3% per year for a maximum of three years to Participants who have been retired under Normal Retirement provisions for three years or more if the additional liability does not have an effect on the current funding of the Plan.

Deferred Retirement Option Program (DROP): Ordinance 25-56 was adopted effective September 8, 2025 to implement a 5-Year Deferred Retirement Option Program.

Actuarial Equivalence Assumptions: Interest and mortality assumptions in effect on the specified date. Optional forms of benefit and the present value of accrued benefits are computed using 7.5% and the RP-00 combined mortality table (50% male, 50% female) with no projection for mortality improvement.

Description of Assumptions and Methods

Net Assumed Rate of Investment Return: 7.0% per year, net of investment expenses

Inflation: 2.0% per year (not directly used in the calculation of valuation liabilities)

Salary Increase – Individual: Annual increases as follows:

Service	Increase
0-5	6%
6-10	5%
>=11	4%

Salary Increase – Total Payroll: Unfunded Accrued Liability is amortized as a level dollar amount. In order to compute projected minimum required contributions as a dollar amount, a 0% total payroll increase is applied to valuation payroll to determine valuation payroll in the funding year.

Mortality: Mortality rates are those required by state statute. Mortality is as assumed in one of the last two valuations for the Florida Retirement System (FRS) for special risk employees, as follows:

The following sex distinct tables are used with fully generational mortality improvements using sex distinct Scale MP-2018.

Active:	Male:	PubS.H-2010(B) male employee set forward 1 year
	Female:	PubS.H-2010 female employee set forward 1 year
Healthy Retiree:	Male:	PubS.H-2010(B) male healthy retiree set forward 1 year
	Female:	PubS.H-2010 female healthy retiree set forward 1 year

The following sex distinct tables are used with no mortality improvement projection.

Disabled Retiree:	Male:	80% PubG.H-2010 male disabled retiree + 20% PubS.H-2010 male disabled retiree
	Female:	80% PubG.H-2010 female disabled retiree + 20% PubS.H-2010 female disabled retiree

Juvenile rates are used for ages 15-17.
The active tables reference the healthy retiree rates, above, at ages 80+.
The healthy retiree tables reference the active mortality rates, above, before age 44.

Retirement: Unisex rates as follows:

Rates of Retirement Used in 10-1-2023 Valuation

	Service				
Age	0-9	10-24	25-26	27-29	>=30
<=49	0%	0%	0%	0%	0%
50	0%	5%	5%	5%	5%
51	0%	5%	5%	5%	5%
52	0%	5%	50%	50%	100%
53	0%	5%	50%	50%	100%
54	0%	5%	50%	100%	100%
>=55	0%	100%	100%	100%	100%

Rates of Retirement as of 10-1-2024

	Service		
Age	0-9	10-24	>=25
<=49	0%	0%	0%
50	0%	5%	5%
51	0%	5%	5%
52	0%	5%	100%
53	0%	5%	100%
54	0%	5%	100%
>=55	0%	100%	100%

Rates in the October 1, 2023 actuarial valuation were as determined by the prior actuary from a March 7, 2014 experience study and updated at a January 8, 2017 meeting of the Retirement Committee.

Termination: Unisex rates as follows:

Service	Rate
0	25%
1-4	10%
5-9	3%
>=10	2%

These rates are as determined by the prior actuary from a March 7, 2014 experience study.

Disability: Unisex rates as follows.

Age	Rate	Age	Rate	Age	Rate	Age	Rate	Age	Rate
15	0.00051	25	0.00051	35	0.00065	45	0.00217	55	0.00891
16	0.00051	26	0.00058	36	0.00072	46	0.00245	56	0.01005
17	0.00051	27	0.00058	37	0.00072	47	0.00276	57	0.01130
18	0.00051	28	0.00058	38	0.00084	48	0.00320	58	0.01262
19	0.00051	29	0.00058	39	0.00099	49	0.00370	59	0.01398
20	0.00051	30	0.00058	40	0.00121	50	0.00429	60	0.01611
21	0.00051	31	0.00058	41	0.00136	51	0.00050	61	0.01859
22	0.00051	32	0.00058	42	0.00158	52	0.00581	62	0.02134
23	0.00051	33	0.00065	43	0.00173	53	0.00674	63	0.02445
24	0.00051	34	0.00065	44	0.00195	54	0.00777	64	0.02798
								65+	0.00000

75% of disabilities are assumed to occur in the line of duty.

These rates are as determined by the prior actuary from a March 7, 2014 experience study.

Administrative Expenses: Prior year administrative expense is added to Normal Cost.

Actuarial Value of Assets: The market value of assets is adjusted to recognize gains and losses over a five-year period. The Actuarial Value of Assets shall not be more than 120% or less than 80% of the market value of assets.

Funding Method: Entry Age Normal (level percent of salary)

A description of the funding method is found on the next page entitled “Glossary of Actuarial Terms.”

Glossary of Actuarial Terms

Present Value of Benefits (PVB): The present value, as of the valuation date, of all benefits that will become payable by the Plan for the current group of members in the census.

Normal Cost (NC): Under the Individual Entry Age Normal Cost Method, the annual normal cost for each individual active member is determined as the amount, from the date of employment to the date of retirement, sufficient to accumulate the value of the member's benefit at the time of retirement. The annual normal cost is a constant percentage of the member's projected covered pay.

Accrued Liability (AL): This is the portion of the PVB attributable to the past at the valuation date. For active members, AL is the annual NC accumulated from date of entry to the valuation date for each member. For retired and terminated members, the PVB and the AL are equal. The AL is the estimated liability owed by the pension fund at the valuation date.

Unfunded Accrued Liability (UAL): Any excess of the Accrued Liability over the fund assets. A negative UAL indicates fund assets are greater than the Accrued Liability, otherwise known as a surplus. Actuarial gains/(losses), as they occur, reduce (increase) the Unfunded Actuarial Accrued Liability.

Actuarial Value of Assets: The value of assets used in the actuarial valuation of the Plan which is compared to the AL to determine the UAL and minimum funding requirements. A method may be used to smooth out short term volatility in the fair market value of assets. In this valuation, the Actuarial Value of Assets has been calculated to smooth out unexpected fluctuations in the fair market value of assets over a 5-year period, less any reserve of State contributions.