



# **City of Oviedo Police Officers' Retirement Fund**

## **Actuarial Valuation**

*As of October 1, 2025  
Contributions Applicable to the Plan/  
Fiscal Year Ending September 30, 2027*

**FOSTER & FOSTER**  
ACTUARIES AND CONSULTANTS

January 30, 2026

Board of Trustees  
City of Oviedo Police Officers' Retirement Fund

Re: City of Oviedo Police Officers' Retirement Fund

Dear Board,

This report details the annual actuarial valuation of the City of Oviedo Police Officers' Retirement Fund as of October 1, 2025.

The valuation was performed to measure the plan's liability and funding levels and to determine the actuarially appropriate funding requirements for the plan year ending September 30, 2027. This report was prepared for use by the Board. Use of the results for other purposes may not be applicable and could produce significantly different results.

#### **DATA AND ASSUMPTIONS**

In preparing this report, we have relied on personnel and plan design supplied by the City of Oviedo. Assets were determined based on financial reports supplied by the custodian bank. In our opinion, the assumptions used in the valuation, as adopted by the Board of Trustees, represent reasonable expectations of anticipated fund experience. Other sets of assumptions and methods could also be reasonable and could produce materially different results. While we cannot verify the accuracy of all this information, the supplied information was reviewed for consistency and reasonableness. As a result of this review, we have no reason to doubt the substantial accuracy of the information and believe that it has produced appropriate results. This information, along with any adjustments or modifications, is summarized in various sections of this report.

#### **DISCLOSURES AND LIMITATIONS**

Future actuarial measurements may differ significantly from the current measurements presented in this report due to factors such 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); and changes in plan provisions or applicable law. Due to the limited scope of this report, we did not provide an analysis of these potential differences.

The funding percentages and unfunded accrued liability as measured based on the actuarial value of assets will differ from similar measures based on the market value of assets. These measures, as provided, are appropriate for determining the adequacy of future contributions, but may not be appropriate for the purpose of settling a portion or all of its liabilities.

In performing the analysis, we used third-party software to model (calculate) the underlying liabilities and costs. These results are reviewed in the aggregate and for individual sample lives. The output from the

software is either used directly or input into internally developed models to generate the costs. All internally developed models are reviewed as part of the process. As a result of this review, we believe that the models have produced reasonable results. We do not believe there are any material inconsistencies among assumptions or unreasonable output produced due to the aggregation of assumptions.

#### **ACTUARIAL CERTIFICATION**

The valuation has been conducted in accordance with all applicable laws and regulations, as well as generally accepted actuarial principles and practices, including the applicable Actuarial Standards of Practice as issued by the Actuarial Standards Board; specifically No. 4 Measuring Pension Obligations and Determining Pension Plan Costs or Contributions, No. 23 Data Quality, No. 27 Selection of Assumptions for Measuring Pension Obligations, No. 44 Selection and Use of Asset Valuation Methods for Pension Valuations, and No. 51 Assessment and Disclosure of Risk Associated with Measuring Pension Obligations.

In our opinion, the Minimum Required Contribution set forth in this report constitutes a reasonable actuarially determined contribution under Actuarial Standard of Practice No. 4.

The undersigned are familiar with the immediate and long-term aspects of pension valuations and meet the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinions contained herein. All of the sections of this report are considered an integral part of the actuarial opinions.

To our knowledge, no associate of Foster & Foster, Inc. working on this report has any direct financial interest or indirect material interest in the City of Oviedo, nor does anyone at Foster & Foster, Inc. act as a member of the Board of Trustees of the City of Oviedo Police Officers' Retirement Fund. Thus, there is no relationship existing that might affect our capacity to prepare and certify this actuarial report.

Respectfully submitted,

Foster & Foster, Inc.



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Douglas H. Lozen, EA, MAAA



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Monica San Miguel

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## SUMMARY

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The regular annual actuarial valuation of the City of Oviedo Police Officers' Retirement Fund, performed as of October 1, 2025, has been completed and the results are presented in this report. The contribution amounts set forth herein are applicable to the plan/fiscal year ended September 30, 2027.

The contribution requirements, compared with those set forth in the October 1, 2024 actuarial report, are as follows:

Valuation Date	10/1/2025	10/1/2024
Applicable to Fiscal Year Ending	9/30/2027	9/30/2026
<b>FUNDED STATUS</b>		
Total Actuarial Accrued Liability	\$ 44,242,129	\$ 39,858,196
Actuarial Value of Assets	39,417,946	38,006,732
Unfunded Actuarial Accrued Liability	\$ 4,824,183	\$ 1,851,464
 Funded Ratio	 89.10%	 95.35%
<b>CONTRIBUTION REQUIREMENTS (AS A PERCENTAGE OF PAYROLL)</b>		
Normal Cost	22.35%	21.98%
Administrative Expenses	1.51%	1.79%
Amortization Payment	10.06%	4.28%
Minimum Required Contribution <sup>2</sup>	33.92%	28.05%
Member Contributions	(6.00)%	(6.00)%
<b>Expected City and State Contribution</b>	<b>27.92%</b>	<b>22.05%</b>
State Contribution (Est.) <sup>1</sup>	(215,957)	(215,957)
% of Payroll (Est.)	(3.85)%	(3.85)%
City Required Contribution (Est.) <sup>2</sup>	24.07%	18.20%

<sup>1</sup>Based on the amount received in fiscal 2025. As per a Mutual Consent Agreement between the Membership and the City, the City may use up to \$215,956.76 in annual State Monies to offset its required contribution. State Monies in excess of this amount are allocated to the Share Plan.

<sup>2</sup> The required contribution from the combination of City and State sources for the year ending September 30, 2027 is 27.92% of the actual payroll realized in that year. As a budgeting tool, the City may contribute 24.07% of each Member's Salary and then make a one-time adjustment to account for the actual State Monies received. Please note that the City has access to a prepaid contribution of \$64,220.19 that is available to offset a portion of the above stated requirements for the fiscal year ending September 30, 2026.

As you can see, the contribution shows an increase from the October 1, 2024 actuarial valuation report. The increase is attributable to unfavorable actuarial experience and a mandated change in the mortality assumption.

Plan experience was unfavorable overall on the basis of the plan's actuarial assumptions. Sources of actuarial loss included an average salary increase of 16.88% which exceeded the 5.71% assumption, an investment return of 4.79% (Actuarial Asset Basis) which fell short of the 7.00% assumption, and unfavorable retirement experience. These losses were offset in part by a gain associated with more turnover than expected.

## CHANGES SINCE PRIOR VALUATION

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### PLAN CHANGES

There have been no plan changes since the prior valuation.

### ACTUARIAL ASSUMPTION/METHOD CHANGES

Since the previous valuation, as mandated by Chapter 2015-157, Laws of Florida, the mortality rates were updated to align with those outlined in Milliman's July 1, 2024 FRS valuation report for special-risk employees.

There were no method changes since the prior valuation.

## VALUATION RESULTS

### PRINCIPAL VALUATION RESULTS

Valuation Date	New	Old	
	Assump	Assump	10/1/2024
	10/1/2025	10/1/2025	
<b>PARTICIPANT DATA</b>			
Actives	65	65	69
Service Retirees	30	30	27
DROP Retirees	4	4	5
Beneficiaries	4	4	4
Disability Retirees	4	4	4
Terminated Vested	15	15	12
Total	122	122	121
Projected Annual Payroll	\$ 5,303,283	\$ 5,303,283	\$ 4,937,096
<b>Annual Rate of Payments to:</b>			
Service Retirees	\$ 1,212,878	\$ 1,212,878	\$ 1,054,021
DROP Retirees	405,473	405,473	359,942
Beneficiaries	128,702	128,702	128,702
Disability Retirees	99,755	99,755	99,755
Terminated Vested	204,352	204,352	148,262
<b>ASSETS</b>			
Actuarial Value (AVA)	\$ 39,417,946	\$ 39,417,946	\$ 38,006,732
Market Value (MVA)	42,836,157	42,836,157	39,432,353
<b>LIABILITIES</b>			
Present Value of Benefits			
Actives			
Retirement Benefits	\$ 26,928,125	\$ 26,244,017	\$ 25,025,389
Death Benefits	94,442	125,187	117,965
Disability Benefits	886,287	862,428	780,979
Vested Benefits	601,911	586,188	548,051
Refund of Contributions	167,429	167,299	156,528
Service Retirees	13,744,590	13,459,298	11,673,065
DROP Retirees	5,969,775	5,929,811	5,483,465
Beneficiaries	1,343,285	1,339,861	1,365,879
Disability Retirees	1,075,697	1,064,427	1,080,898
Terminated Vested	1,663,453	1,605,227	1,209,854
Share Plan Balances	2,090,299	2,090,299	1,796,537
Total	\$ 54,565,293	\$ 53,474,042	\$ 49,238,610

Valuation Date	New	Old	
	Assump	Assump	10/1/2024
<b>LIABILITIES (CONTINUED)</b>			
Present Value of Future Salaries	\$ 49,058,171	\$ 48,989,946	\$ 45,458,813
Present Value of Member Contributions	\$ 2,943,490	\$ 2,939,397	\$ 2,727,529
Normal Cost			
Retirement	\$ 1,009,148	\$ 982,896	\$ 920,052
Death	5,018	6,677	6,460
Disability	56,908	55,611	50,733
Vesting	44,489	43,303	42,721
Refunds	29,418	29,411	28,531
Total Normal Cost	\$ 1,144,981	\$ 1,117,898	\$ 1,048,497
Present Value of Future Normal Costs (EAN)	\$ 10,323,164	\$ 10,067,543	\$ 9,380,414
<b>Actuarial Accrued Liability (EAN AL)</b>			
Actives			
Retirement	\$ 17,615,201	\$ 17,179,164	\$ 16,593,272
Death	50,405	66,462	61,322
Disability	368,991	359,099	316,221
Vesting	301,695	294,111	265,521
Refunds	18,738	18,740	12,162
Inactives <sup>1</sup>	23,796,800	23,398,624	20,813,161
Share Plan Balances <sup>1</sup>	2,090,299	2,090,299	1,796,537
Total Actuarial Accrued Liability	\$ 44,242,129	\$ 43,406,499	\$ 39,858,196
Unfunded Actuarial Accrued Liability (UAAL)	\$ 4,824,183	\$ 3,988,553	\$ 1,851,464
Funded Ratio (AVA / EAN AL)	89.1%	90.8%	95.4%

## ACTUARIAL PRESENT VALUE OF ACCRUED BENEFITS

Valuation Date	New Assump 10/1/2025	Old Assump 10/1/2025	10/1/2024
<b>Vested Accrued Benefits</b>			
Inactives + Share Plan Balances <sup>1</sup>	\$ 25,887,099	\$ 25,488,923	\$ 22,609,698
Actives	8,363,698	8,114,122	8,674,167
Member Contributions	2,283,250	2,283,250	2,328,435
<b>Total</b>	<b>\$ 36,534,047</b>	<b>\$ 35,886,295</b>	<b>\$ 33,612,300</b>
<b>Non-vested Accrued Benefits</b>			
	<b>1,645,932</b>	<b>1,602,770</b>	<b>1,521,481</b>
<b>Total Present Value of Accrued Benefits (PVAB)</b>	<b>\$ 38,179,979</b>	<b>\$ 37,489,065</b>	<b>\$ 35,133,781</b>
<b>Funded Ratio (MVA / PVAB)</b>	<b>112.2%</b>	<b>114.3%</b>	<b>112.2%</b>
<b>Increase (Decrease) in Present Value of Accrued Benefits Attributable to:</b>			
Plan Amendments	\$ 0	\$ 0	
Assumption Changes	690,914	0	
Plan Experience	0	2,200,805	
Benefits Paid	0	(2,226,943)	
Interest	0	2,381,422	
Other	0	0	
<b>Total</b>	<b>\$ 690,914</b>	<b>\$ 2,355,284</b>	

## CONTRIBUTION REQUIREMENTS

	New Assump	Old Assump	
Valuation Date	10/1/2025	10/1/2025	10/1/2024
Applicable to Fiscal Year Ending	9/30/2027	9/30/2027	9/30/2026
<b>CALCULATION OF CONTRIBUTION REQUIREMENT<sup>2</sup></b>			
Normal Cost	\$ 1,254,737	\$ 1,225,057	\$ 1,147,702
% of Total Annual Payroll	22.35%	21.82%	21.98%
Administrative Expenses	84,830	84,830	93,473
% of Total Annual Payroll	1.51%	1.51%	1.79%
UAAL Amortization Payment	565,041	471,076	223,477
% of Projected Annual Payroll	10.06%	8.39%	4.28%
Minimum Required Contribution	\$ 1,904,608	\$ 1,780,963	\$ 1,464,652
% of Projected Annual Payroll	33.92%	31.72%	28.05%
Expected Member Contributions	(336,907)	(336,907)	(313,288)
% of Projected Annual Payroll	(6.00)%	(6.00)%	(6.00)%
Expected City and State Contribution	\$ 1,567,701	\$ 1,444,056	\$ 1,151,364
% of Projected Annual Payroll	27.92%	25.72%	22.05%

### PAST CONTRIBUTIONS FOR PLAN YEAR ENDING 9/30/2025

Total Required Contribution	\$ 1,577,649
City and State Requirement	1,242,336

### Actual Contributions Made:

Members (excluding buyback)	335,313
City	1,026,379
State	215,957
Total	\$ 1,577,649

<sup>1</sup> The asset values and liabilities include accumulated DROP Plan Balances and Share Plan Balances as of 9/30/2025 and 9/30/2024.

<sup>2</sup> Contributions developed as of 10/1/2025 are expressed as a percentage of Projected Annual Payroll at 10/1/2026 of \$5,615,116.

## CONTRIBUTION IMPACT OF ANNUAL CHANGES

Valuation Date	10/1/2025
Contribution Determined, Prior Year	17.68%
Summary of Impact on Contribution by Component	
Change in State Contribution Percentage	0.52%
Change in Normal Cost	(0.16)%
Change in Assumed Administrative Expense	(0.28)%
Payroll Change Effect on UAAL Amortization	(0.25)%
Investment Return (Actuarial Asset Basis)	1.64%
Salary Increases	2.87%
Active Decremnts	0.34%
Inactive Mortality	0.26%
UAAL Amortization Impact from Contribution Policy	(0.50)%
Assumption Change	2.20%
Other	(0.25)%
Total Change in Contribution	6.39%
Contribution Determined, Current Year	24.07%

## OTHER INFORMATION

### ILLUSTRATION OF AMORTIZATION OF THE TOTAL UNFUNDED ACTUARIAL ACCRUED LIABILITY

Year	Projected Unfunded Actuarial Accrued Liability
2025	4,824,183
2026	4,610,167
2027	4,381,171
2030	3,593,439
2034	2,260,713
2037	1,038,145
2040	0

### 5-YEAR COMPARISON OF ACTUAL AND ASSUMED SALARY INCREASES

Year Ended	Actual	Assumed
9/30/2025	16.88%	5.71%
9/30/2024	5.72%	5.27%
9/30/2023	7.56%	5.26%
9/30/2022	4.11%	5.28%
9/30/2021	3.00%	5.20%

### 5-YEAR COMPARISON OF INVESTMENT RETURN ON MARKET VALUE AND ACTUARIAL VALUE OF ASSETS

Year Ended	Market Value	Actuarial Value	Assumed
9/30/2025	9.69%	4.79%	7.00%
9/30/2024	22.36%	7.89%	7.00%
9/30/2023	10.58%	4.91%	7.00%
9/30/2022	(18.77)%	3.12%	7.00%
9/30/2021	23.29%	10.78%	7.30%

### AVERAGE ANNUAL PAYROLL GROWTH

Valuation Date	Payroll
10/1/2025	5,303,283
10/1/2015	3,715,651
Total Increase	42.73%
Number of Years	10.00
Average Annual Rate	3.62%

**STATEMENT BY ENROLLED ACTUARY**

This actuarial valuation was prepared and completed by me or under my direct supervision, and I acknowledge responsibility for the results. To the best of my knowledge, the results are complete and accurate, and in my opinion, the techniques and assumptions used are reasonable and meet the requirements and intent of Part VII, Chapter 112, Florida Statutes. 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.



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Douglas H. Lozen, EA, MAAA  
Enrolled Actuary #23-7778

Please let us know when the report is approved by the Board and unless otherwise directed, we will provide copies of the report to the following offices to comply with Chapter 112 Florida Statutes:

Mr. Keith Brinkman  
Bureau of Local  
Retirement Systems  
Post Office Box 9000  
Tallahassee, FL 32315-9000

Mr. Steve Bardin  
Municipal Police and Fire  
Pension Trust Funds  
Division of Retirement  
Post Office Box 3010  
Tallahassee, FL 32315-3010

## DEVELOPMENT OF ACTUARIAL (GAIN)/LOSS

### DEVELOPMENT OF ACTUARIAL (GAIN)/LOSS

	Actuarial Accrued Liability	Actuarial Valuation of Assets	Unfunded Actuarial Accrued Liability
Actual, Beginning of Year	\$ 39,858,196	\$ 38,006,732	\$ 1,851,464
Total Normal Cost	1,048,497		1,048,497
Benefit Payments	(2,226,943)	(2,226,943)	0
Administrative Expenses		(80,911)	80,911
Employer Contribution		1,026,379	(1,026,379)
Member Contribution	0	335,313	(335,313)
State Contribution	330,748	546,704	(215,956)
Interest	2,786,844	2,631,474	155,370
Expected, End of Year	\$ 41,797,342	\$ 40,238,748	\$ 1,558,594
Actual End of Year (before changes)	43,406,499	39,417,946	3,988,553
Actuarial (Gain)/Loss	\$ 1,609,157	\$ 820,802	\$ 2,429,959

### SUMMARY OF COMPONENTS OF (GAIN)/LOSS

Investment Return (Actuarial Asset Basis)	\$ 820,802
Salary Increases	1,433,791
Active Decrements	169,938
Inactive Mortality	128,335
Interest Crediting on Share Plan Balances	43,153
Other	(166,060)
Change due to Actuarial (Gain)/Loss	\$ 2,429,959

## UNFUNDED ACTUARIAL ACCRUED LIABILITY

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### DEVELOPMENT OF UNFUNDED ACTUARIAL ACCRUED LIABILITY

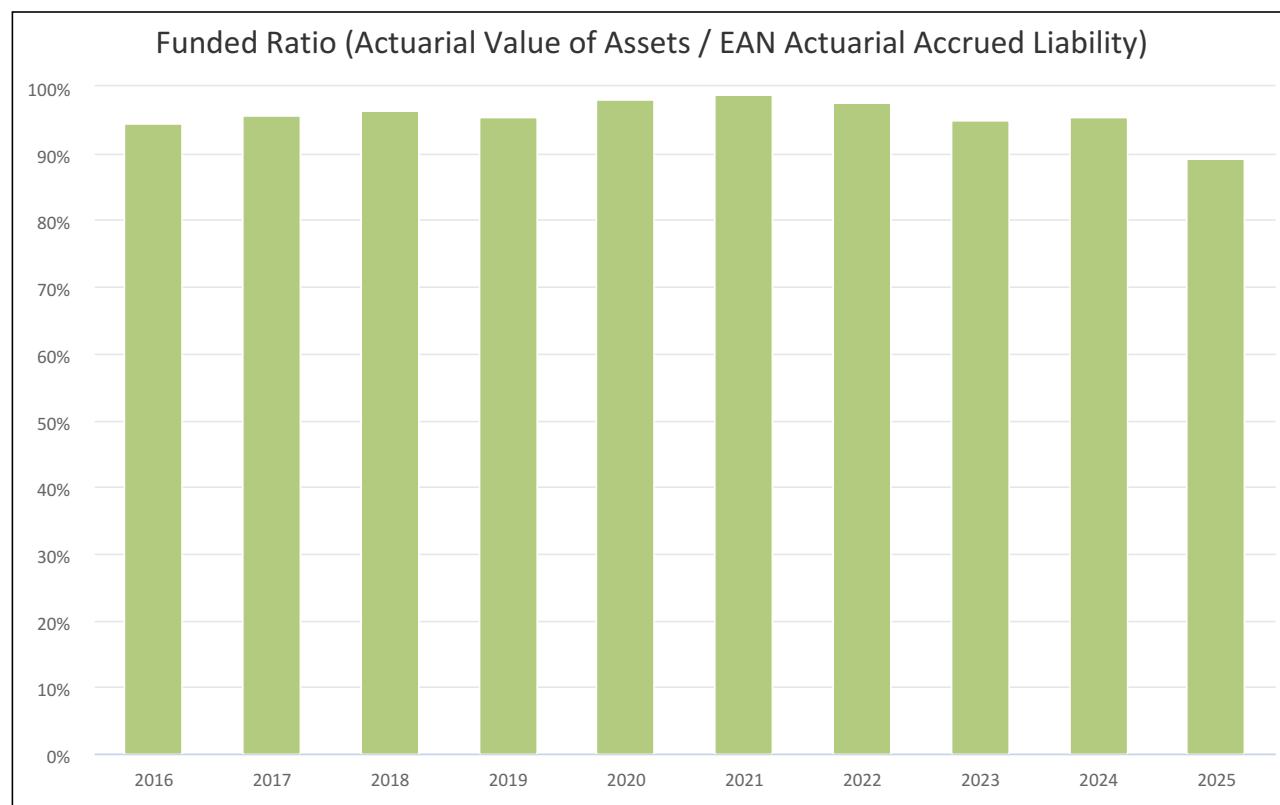
Unfunded Actuarial Accrued Liability as of October 1, 2024	\$	1,851,464
Expected Unfunded Actuarial Accrued Liability as of October 1, 2025	\$	1,558,594
Change to UAAL due to Actuarial (Gain)/Loss		2,429,959
Change to UAAL due to Assumption Change		835,630
Unfunded Actuarial Accrued Liability as of October 1, 2025	\$	4,824,183

## SCHEDULE OF AMORTIZATION PAYMENTS

Unfunded Liability Base	Date Established	Years Remaining	Current Balance	Payment
Consolidation Base	10/1/2021	11	317,683	39,594
Actuarial Loss	10/1/2022	12	369,773	43,509
Actuarial Loss	10/1/2023	13	873,533	97,681
Actuarial Gain	10/1/2024	14	(2,395)	(256)
Actuarial Loss	10/1/2025	15	2,429,959	249,342
Assumption Change	10/1/2025	15	835,630	85,745
Total Unfunded Liability				4,824,183
				515,615

## HISTORY OF FUNDING PROGRESS

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## ASSET INFORMATION

### STATEMENT OF FIDUCIARY NET POSITION

	Market Value 9/30/2025
<b>ASSETS</b>	
Cash and Cash Equivalents:	
Short Term Investments	\$ 1,573,482.98
Total Cash and Equivalents	<u>\$ 1,573,482.98</u>
<b>RECEIVABLES</b>	
Investment Income	33,868.19
Total Receivable	<u>\$ 33,868.19</u>
<b>INVESTMENTS</b>	
U. S. Bonds and Bills/U.S. Gov't and Agency Obligations	\$ 3,756,227.95
Federal Agency Guaranteed Securities	3,280,278.55
Corporate Bonds/Fixed Income	392,155.95
Mutual Funds:	
Fixed Income	2,169,060.81
Equity	29,734,377.90
Pooled/Common/Commingled Funds:	
Real Estate	<u>1,997,876.00</u>
Total Investments	<u>\$ 41,329,977.16</u>
<b>TOTAL ASSETS</b>	\$ 42,937,328.33
<b>LIABILITIES</b>	
Payables:	
Investment Expenses/Unpaid Investment Expenses	19,514.98
Administrative Expenses/Unpaid Administrative Expenses	17,436.30
Prepaid Municipality Contribution	<u>64,220.19</u>
Total Liabilities	<u>\$ 101,171.47</u>
<b>NET POSITION RESTRICTED FOR PENSIONS</b>	\$ 42,836,156.86

## STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

	Year Ended 9/30/2025
<b>ADDITIONS</b>	
Contributions:	
Member	\$ 335,313.27
Employer	1,026,378.91
State	546,704.44
Total Contributions	<u>\$ 1,908,396.62</u>
Investment Income:	
Net Realized Gain (Loss)	\$ 803,412.99
Unrealized Gain (Loss)	<u>1,972,963.79</u>
Net Increase in Fair Value of Investments	\$ 2,776,376.78
Interest & Dividends	1,103,277.28
Less Investment Expense <sup>1</sup>	<u>(76,392.90)</u>
Net Investment Income	<u>\$ 3,803,261.16</u>
Total Additions	<u>\$ 5,711,657.78</u>
<b>DEDUCTIONS</b>	
Distributions To Members:	
Benefit Payments	\$ 1,354,865.54
Lump Sum DROP Distributions	638,810.51
Lump Sum Share Distributions	190,367.87
Refunds of Member Contributions	<u>42,898.98</u>
Total Distributions	<u>\$ 2,226,942.90</u>
Administrative Expense	<u>\$ 80,911.18</u>
Total Deductions	<u>\$ 2,307,854.08</u>
<b>NET INCREASE IN NET POSITION</b>	<b>\$ 3,403,803.70</b>
<b>NET POSITION RESTRICTED FOR PENSIONS</b>	
Beginning of the Year	\$ 39,432,353.16
End of the Year	<u>\$ 42,836,156.86</u>

<sup>1</sup> Investment related expenses include investment advisory, custodial and performance monitoring fees.

## DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS

Actuarial Assets for funding purposes are developed by increasing the actuarial value of assets used in the most recent actuarial valuation by the average annual market value rate of return (net of investment expenses) for the past four years.

		9/30/2025
<b>ACTUARIAL VALUE OF ASSETS</b>		
Market Value of Assets		\$ 42,836,157
Unlimited Actuarial Value of Assets (AVA), Prior Year		\$ 38,006,732
Derived Return		1,810,671
Preliminary Actuarial Value of Assets		<u>\$ 39,482,166</u>
Limited Actuarial Value of Assets		\$ 39,417,946
<b>DERIVED RETURN (BASED ON AVERAGE MARKET VALUE RETURN)</b>		
Interest and Dividends		\$ 1,103,277
Realized (Gain)/Loss		803,413
Unrealized (Gain)/Loss		1,972,964
Change in Actuarial Value		(1,992,590)
Investment Related Expenses		(76,393)
Total Return		<u>\$ 1,810,671</u>

## AVERAGE MARKET VALUE OF RETURN

Plan Year End	Rate of Return
9/30/2022	(18.77)%
9/30/2023	10.58%
9/30/2024	22.36%
9/30/2025	9.69%
<hr/>	
Average Annualized Return	4.79%

<sup>1</sup>Market Value Basis, net of investment related expenses.

## APPROXIMATE RATES OF RETURN

Basis	Rate of Return
Actuarial Valuation of Assets	4.79%
Market Value of Assets	9.69%

## CHANGES IN ASSETS AVAILABLE FOR BENEFITS – ACTUARIAL ASSET BASIS

	Year Ended 9/30/2025
<b>ADDITIONS</b>	
Contributions:	
Member	\$ 335,313.27
Employer	1,026,378.91
State	546,704.44
Total Contributions	<u>\$ 1,908,396.62</u>
Earnings from Investments:	
Interest & Dividends	\$ 1,103,277.28
Miscellaneous Income	0.00
Net Realized Gain (Loss)	803,412.99
Unrealized Gain (Loss)	1,972,963.79
Change in Actuarial Value	<u>(1,992,589.45)</u>
Total Earnings and Investment Gains	<u>\$ 1,887,064.61</u>
<b>DEDUCTIONS</b>	
Distributions To Members:	
Benefit Payments	\$ 1,354,865.54
Lump Sum DROP Distributions	638,810.51
Lump Sum Share Distributions	190,367.87
Refunds of Member Contributions	42,898.98
Total Distributions	<u>\$ 2,226,942.90</u>
Expenses:	
Investment Related <sup>1</sup>	\$ 76,392.90
Administrative	80,911.18
Total Expenses	<u>\$ 157,304.08</u>
<b>CHANGE IN NET ASSETS FOR THE YEAR</b>	<b>\$ 1,411,214.25</b>
<b>NET ASSETS</b>	
Beginning of the Year	\$ 38,006,732.03
End of the Year	<u>\$ 39,417,946.28</u>

<sup>1</sup> Investment related expenses include investment advisory, custodial and performance monitoring fees.

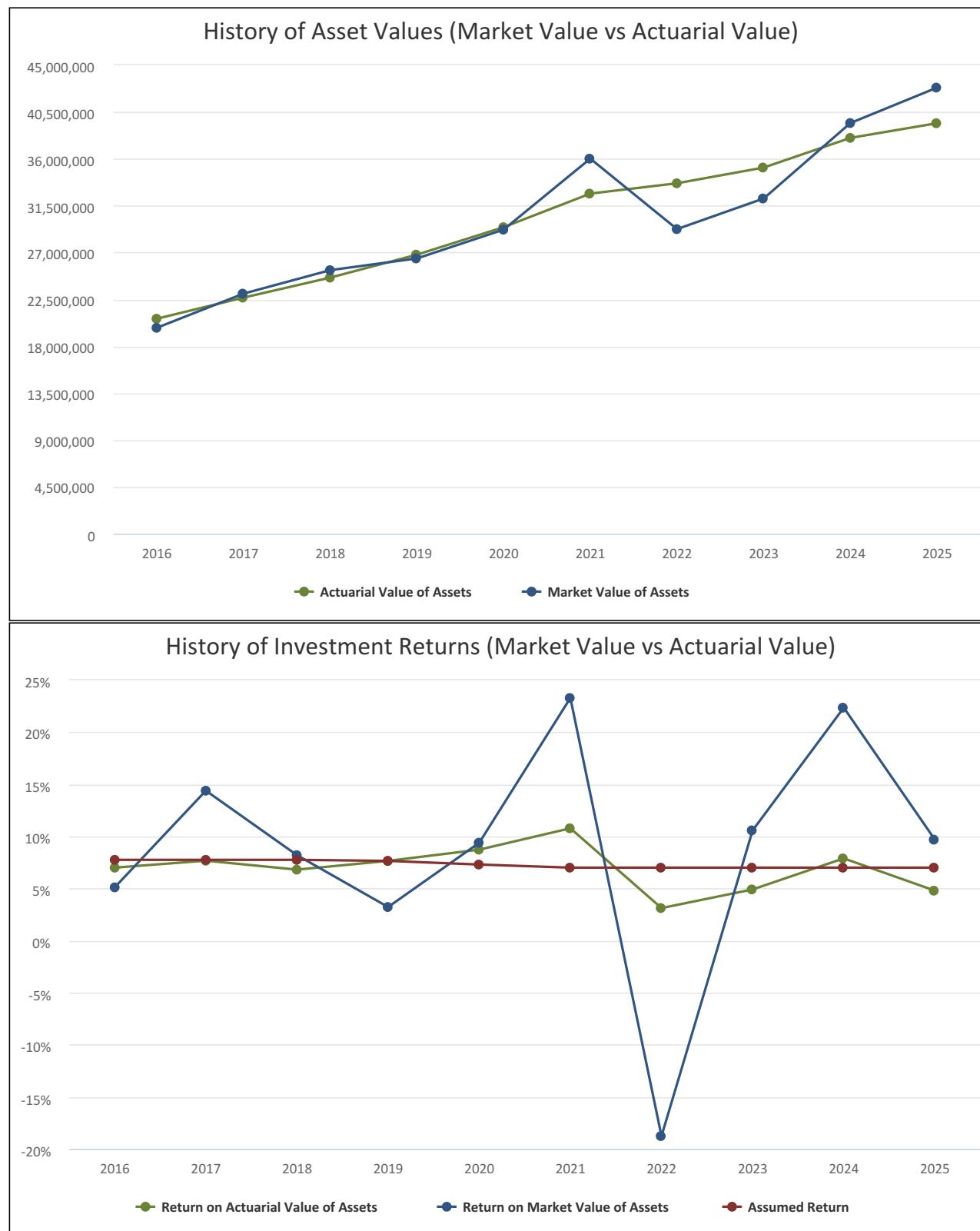
## SUPPLEMENTAL ASSET INFORMATION

Year Beginning	10/1/2024
Year Ending	9/30/2025
<b>DEFERRED RETIREMENT OPTION PLAN ACTIVITY</b>	
Beginning of Year Balance	\$ 939,832.08
Plus Additions	334,802.13
Investment Return Earned	82,161.70
Less Distributions	(638,810.51)
End of the Year Balance	\$ 717,985.40
<b>SUPPLEMENTAL CHAPTER 185 SHARE PLAN ACTIVITY</b>	
Beginning of Year Balance	\$ 1,796,537.41
Prior Year Adjustment	(1,960.09)
Plus Additions	330,747.68
Investment Return Earned (Est.)	155,448.00
Administrative Fees (Est.)	(106.49)
Less Distributions	(190,367.87)
End of Year Balance (Est.)	\$ 2,090,298.64
<b>RECONCILIATION OF CITY SHORTFALL/(PREPAID) CONTRIBUTION</b>	
Total Required Contribution Rate	\$ 28.23%
Pensionable Payroll Derived from Member Contributions	5,588,554.50
Total Required Contribution	\$ 1,577,648.94
Less Actual Member Contributions	(335,313.27)
Less Allowable State Contribution	(215,956.76)
Equals Required City Contribution for Fiscal 2025	\$ 1,026,378.91
Plus 2024 Shortfall Contribution	14,965.50
Less Actual City Contributions	(1,105,564.60)
Equals City's Shortfall/(Prepaid) Contribution as of September 30, 2025	\$ (64,220.19)

## PARTIAL HISTORY OF PREMIUM TAX REFUNDS

Received During Fiscal Year	Amount	Increase From Previous Year
2000	185,619.44	N/A
2001	143,184.60	-22.9%
2002	173,798.80	21.4%
2003	199,077.91	14.5%
2004	210,009.65	5.5%
2005	211,087.47	0.5%
2006	211,087.47	0.0%
2007	221,412.12	4.9%
2008	217,955.40	-1.6%
2009	218,700.43	0.3%
2010	212,932.96	-2.6%
2011	220,650.58	3.6%
2012	252,010.04	14.2%
2013	255,538.27	1.4%
2014	267,271.17	4.6%
2015	272,780.63	2.1%
2016	289,558.27	6.2%
2017	295,214.27	2.0%
2018	323,491.56	9.6%
2019	347,331.21	7.4%
2020	356,852.27	2.7%
2021	367,497.85	3.0%
2022	385,935.22	5.0%
2023	444,460.35	15.2%
2024	499,535.71	12.4%
2025	546,704.44	9.4%

## HISTORY OF ASSET VALUES AND INVESTMENT RETURNS



## PARTICIPANT STATISTICS

### STATISTICAL DATA

	10/1/2025	10/1/2024	10/1/2023	10/1/2022
<b>ACTIVES</b>				
Number	65	69	60	62
Average Current Age	37.8	37.4	38.2	38.4
Average Age at Employment	28.4	28.2	27.4	27.4
Average Past Service	9.4	9.2	10.8	11.0
Average Annual Salary	\$85,964	\$75,211	\$76,175	\$73,193
<b>SERVICE RETIREES</b>				
Number	30	27	26	24
Average Current Age	65.5	65.0	65.2	65.8
Average Annual Benefit	\$40,429	\$39,038	\$36,452	\$34,529
<b>DROP RETIREES</b>				
Number	4	5	4	4
Average Current Age	57.0	59.1	59.4	59.9
Average Annual Benefit	\$101,368	\$71,988	\$71,062	\$68,110
<b>BENEFICIARIES</b>				
Number	4	4	4	1
Average Current Age	68.4	67.4	66.4	67.2
Average Annual Benefit	\$32,176	\$32,176	\$32,176	\$26,418
<b>DISABILITY RETIREES</b>				
Number	4	4	4	6
Average Current Age	63.5	62.5	61.5	61.2
Average Annual Benefit	\$24,939	\$24,939	\$24,939	\$27,022
<b>TERMINATED VESTEDS</b>				
Number	15	12	12	12
Average Current Age <sup>1</sup>	44.5	44.2	43.2	47.4
Average Annual Benefit <sup>1</sup>	\$25,544	\$24,710	\$24,710	\$22,797

<sup>1</sup> The Average Current Age and Average Annual Benefit exclude participants awaiting a refund of contributions.

## AGE AND SERVICE DISTRIBUTION

Age	Past Service												Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30+		
15 - 19													0
20 - 24		1	1										2
25 - 29	1	2	2	2	1	2							10
30 - 34	1	5		1		5							12
35 - 39		1	1		1	4	4	2					13
40 - 44		1	1			3	4	8					17
45 - 49						1			1	2			4
50 - 54	1	1							4	1			7
55 - 59													0
60 - 64													0
65+													0
Total	3	11	5	3	2	15	8	10	5	3	0		65

## PARTICIPANT RECONCILIATION

	Actives	Members Receiving Benefits	DROP Benefits	Receiving Death Benefits	Receiving Disability Benefits	Vested (Deferred Annuity)	Vested (Due Refund)	Total
Number, prior valuation	69	27	5	4	4	6	6	121
New Entrants / Rehires	4							4
Vested (Deferred Annuity)	(2)					2		0
Non-Vested / Vested (Due Refund)	(2)						2	0
Refund of Contributions or Terminated Non-Vested	(2)						(1)	(3)
Hired/Termed Same Year								0
Retired		3	(3)					0
DROP	(2)		2					0
Disabled								0
Death, With Survivor								0
Death, No Survivor								0
Expired Annuities								0
Data Corrections								0
Other								0
Number, current valuation	65	30	4	4	4	8	7	122

## ACTUARIAL ASSUMPTIONS AND METHODS

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Mortality Rate

### **Healthy Active Lives:**

*Female:* PubS-2010 for Employees

*Male:* PubS-2010 for Employees, set forward 1 year

### **Healthy Retiree Lives:**

*Female:* PubS-2010 for Healthy Retirees

*Male:* PubS-2010 for Healthy Retirees, set forward 1 year

### **Beneficiary Lives:**

*Female:* PubG.H-2010 for Healthy Retirees

*Male:* PubG.H-2010 for Healthy Retirees, set back 1 year

### **Disabled Lives:**

*Female:* PubG.H-2010 for Disabled Retirees, set forward 1 year

*Male:* PubG.H-2010 for Disabled Retirees

All rates are projected generationally with Mortality Improvement Scale MP-2021. We feel this assumption sufficiently accommodates future mortality improvements.

The previously described mortality assumption rates were mandated by Chapter 2015-157, Laws of Florida. This law mandates the use of the assumptions used in either of the two most recent valuations of the Florida Retirement System (FRS). The above rates are those outlined in Milliman's July 1, 2024 FRS valuation report for special-risk employees.

Previously, the following rates were used:

### **Healthy Active Lives:**

*Female:* PubS.H-2010 (Below Median) for Employees, set forward one year.

*Male:* PubS.H-2010 (Below Median) for Employees, set forward one year.

### **Healthy Retiree Lives:**

*Female:* PubS.H-2010 for Healthy Retirees, set forward one year.

*Male:* PubS.H-2010 (Below Median) for Healthy Retirees, set

forward one year.

**Beneficiary Lives:**

*Female:* PubG.H-2010 (Below Median) for Healthy Retirees.

*Male:* PubG.H-2010 (Below Median) for Healthy Retirees, set back one year.

**Disabled Lives:**

80% PubG.H-2010 for Disabled Retirees / 20% PubS.H-2010 for Disabled Retirees.

All rates for healthy lives were projected generationally with Mortality Improvement Scale MP-2018. We feel this assumption sufficiently accommodates future mortality improvements.

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Interest Rate

7.00% per year compounded annually, net of investment related expenses. This is supported by the target asset allocation of the trust and the expected long-term return by asset class.

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Salary Increases

Salary Scale	
Service	Rate
< 5	8.50%
5-19	4.50%
20+	3.50%

This assumption was developed based upon our November, 2020 Experience Study.

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Final Salary Load

Plan Entry Date	Load Assumption
Before 10/1/07	20%
After 9/30/07	10%
After 2/28/13	0%

This assumption is based on information previously provided by the City.

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Payroll Growth

None.

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Termination Rates

See table below, developed as the result of the November, 2020 Experience Study.

Service	% Terminating During the Year
0-4	9.0%
5-9	3.0%
10-14	3.0%
15+	0.0%

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Disability Rates

Sample rates below (Table 1201), based on results of the November, 2020 Experience Study. It is assumed that 75% of Disability Retirements are Duty-related.

Age	% Becoming Disabled During the Year
25	0.09%
35	0.15%
45	0.30%
55	1.08%
65	6.66%

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Normal Retirement

See table below, based on results of the November, 2020 Experience Study.

% Retiring During the Year (10-24 Years of Service)		% Retiring During the Year (>= 25 Years of Service)	
Age	Rate	Service	Rate
55-56	10.0%	25+	100.0%
57-59	30.0%		
60+	100.0%		

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Early Retirement

Members are assumed to retire at the rate of 5% per year for each year of Early Retirement eligibility. This assumption was evaluated in the November, 2020 Experience Study.

Administrative Expenses

Average of actual expenses incurred in the prior two fiscal years.

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Amortization Method	<p>New UAAL amortization bases are amortized over 15 years; the amortization payment is subject to a minimum based on a 30-year amortization of the UAAL in order to comply with Actuarial Standard of Practice No. 4.</p> <p>Bases established prior to the valuation date are adjusted proportionally to match the Expected Unfunded Actuarial Accrued Liability as of the valuation date, in order to align prior year bases with the portion of the current year UAAL associated with prior year sources.</p>
Funding Method	<p>Entry Age Normal Cost Method. The following loads are applied for determining the minimum required contribution:</p> <p>Interest - A half year Salary - A full year</p> <p>Under this method, the normal cost is the sum of the individual normal costs for all active participants. For an active participant, the normal cost is the participant's normal cost accrual rate, multiplied by the participant's current compensation.</p> <p>The normal cost accrual rate equals:</p> <ul style="list-style-type: none"><li>(i) the present value of future benefits for the participant, determined as of the participant's entry age, divided by</li><li>(ii) the present value of the compensation expected to be paid to the participant for each year of the participant's anticipated future service, determined as of the participant's entry age.</li></ul> <p>In calculating the present value of future compensation, the salary scale is applied both retrospectively and prospectively to estimate compensation in years prior to and subsequent to the valuation year based on the compensation used for the valuation.</p> <p>The accrued liability is the sum of the individual accrued liabilities for all participants and beneficiaries. A participant's accrued liability equals the present value, at the participant's attained age, of future benefits less the present value at the participant's attained age of the individual normal costs payable in the future.</p> <p>Under this method, the entry age used for each active participant is the participant's age at the time he or she would have commenced participation if the plan had always been in existence under current terms, or the age as of which he or she first earns service credits for purposes of benefit accrual under the current terms of the plan.</p>

**Asset Smoothing Methodology**

The Actuarial Value of Assets is brought forward using the historical four-year geometric average of Market Value Returns (net-of-fees). Over time, this may result in a de minimis bias that is above or below the Market Value of Assets.

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## PLAN PROVISIONS

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Most Recent Plan Amendment	Ordinance No. 1717
Eligibility	Full-time employees who are classified as Police Officers participate as a condition of employment.
Credited Service	Total years and fractional parts of years of employment with the City as a Police Officer.
Salary	Total W-2 compensation including tax deferred and exempt income. Effective March 1, 2013, overtime included in Salary is limited to 300 hours per calendar year. Additionally, no hours of unused sick and vacation leave earned after March 1, 2013 shall be includable for Salary purposes.
Average Final Compensation	Average Salary for the highest 5 years during the 10 years immediately preceding retirement or termination.
Member Contributions	6% of Salary, effective September 27, 2010.
City and State Contributions	Remaining amount required in order to pay current costs and amortize unfunded past service cost, if any.
Normal Retirement	
Date	Earlier of 1.) Age 55 and 10 years of Credited Service, or 2.) 25 years of Credited Service, regardless of age.
Benefit	3.0% of Average Final Compensation for each year of Credited Service.
Form of Benefit	Ten Year Certain and Life Annuity (options available).

Early Retirement Eligibility	Age 45 and 10 Years of Credited Service.
Benefit	Accrued benefit, reduced by 3% for each year that the commencement of benefits precedes Normal Retirement.
<hr/>	
Vesting Schedule	<b>Hired Prior to 1/1/06:</b> 100% after 5 years of Credited Service.
	<b>Hired After 12/31/05:</b> 100% after 10 years of Credited Service.
Benefit Amount	Member will receive the vested portion of his (her) accrued benefit payable at the otherwise Normal Retirement Date.
<hr/>	
Disability Eligibility	<b>Service Incurred:</b> Covered from Date of Employment.
	<b>Non-Service Incurred:</b> 10 years of Credited Service.
Benefit	Benefit accrued to date of disability but not less than 42% (80% if intentional violence) of Average Final Compensation (Service Incurred).
Duration	Payable for life (with 120 monthly payments guaranteed) or until recovery (as determined by the Board). Options are available.
<hr/>	
Death Benefits Pre-Retirement	<b>Vested:</b> Accrued benefit payable to beneficiary for 10 years certain beginning at the deceased Member's normal retirement date, or actuarially reduced for payment commencing earlier.
	<b>Non-Vested:</b> Refund of accumulated Member Contributions.
Post-Retirement	Benefits payable to beneficiary in accordance with option selected at retirement.
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Supplemental Benefit: Chapter 185 Share Accounts	Effective September 30, 2017, excess Premium tax monies received pursuant to Chapter 185, Florida Statutes will be allocated to individual Member (including DROP participants) share accounts.

Initial Allocation	\$351,523.58 from the Excess State Monies Reserve as of September 30, 2017, allocated to individual accounts based on years of Credited Service.
Annual Allocation	Annual Premium Tax Revenues in excess of \$215,956.76, allocated equally to eligible Plan participants.
Investment Earnings	Plan earnings, net of investment-related expenses.
Expenses	Based on expenses related to administration of the Share Plan, debited against individual accounts on a pro-rata basis.
<hr/>	
Deferred Retirement Option Plan	
Eligibility	Completion of 25 years of Credited Service.
Participation	Not more than 60 months.
Rate of Return	Actual net rate of investment return (total return net of brokerage commissions, transaction costs, and management fees) but not less than 0.0% for any quarter.
Form of Distribution	Cash lump sum (options available) payable at termination of employment.
<hr/>	
Board of Trustees	Two Council appointees, two Members elected by the Membership, and a fifth Member elected by other 4 and appointed by Council as a ministerial duty.

## SUPPLEMENTARY INFORMATION

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### GLOSSARY

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Accrued Benefit	The benefit earned as of a specific date based on the provisions of the plan and the member's age, service, and salary as of that date.
Actuarial Accrued Liability	The portion of the anticipated future benefits allocated to years prior to the valuation date determined according to the plan's Actuarial Cost Method.
Actuarial Value of Assets	The asset value used in the valuation to determine contribution requirements. It represents the plan's Market Value of Assets (see below), with adjustments according to the plan's Actuarial Asset Method. These adjustments produce a "smoothed" value that is likely to be less volatile from year to year than the Market Value of Assets.
Actuarial Assumptions	Assumptions regarding the occurrence of future events affecting plan costs. These assumptions include rates of investment earnings, changes in compensation, rates of mortality, withdrawal, disablement, and retirement as well as statistics related to marriage and family composition.
Actuarial Cost Method	A method of determining the portion of the cost of a plan to be allocated to each year; sometimes referred to as the "actuarial funding method." Each cost method allocates a certain portion of the actuarial present value of benefits between the Actuarial Accrued Liability and future normal costs to ensure the plan is adequately and systematically funded.
Actuarial Gain or Loss	The change in Unfunded Actuarial Accrued Liability resulting from experience different from Actuarial Assumptions. Gains decrease the Unfunded Actuarial Accrued Liability and losses increase the Unfunded Actuarial Accrued Liability.
Actuarial Present Value	The estimated amount of funds required as of a specified date to provide a payment or series of payments in the future. It is

determined by discounting future payments at predetermined rates of interest, and by probabilities of payments between the specified date and the expected date of payment.

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Amortization Payment	The portion of the plan contribution designated to pay interest and reduce the outstanding principal balance of Unfunded Actuarial Accrued Liability. If the amortization payment is less than the accrued interest on the Unfunded Actuarial Accrued Liability the outstanding principal balance will increase.
Decremnts	Events which result in the termination of membership in the system such as retirement, disability, withdrawal, or death.
Funded Ratio	A measure of the ratio of the plan assets to liabilities of the system. Typically, the assets used in the measure are the Actuarial Value of Assets as determined by the asset valuation method. The Funded Ratio depends not only on the financial strength of the plan but also on the asset valuation method used to determine the assets and on the Actuarial Cost Method used to determine the liabilities.
Interest Rate	The assumed long-term rate of return on plan assets.
Market Value of Assets	The fair market value of plan assets as of the valuation date.
Normal Cost	The portion of the Actuarial Present Value of Benefits allocated to the current year determined according to the plan's Actuarial Cost Method.
Present Value of Benefits	The single sum value on the valuation date of all future benefits to be paid to current plan participants.
Projected Annual Payroll	The salary expected for the year after the valuation date, excluding members over the 100% assumed retirement age.
Projected Benefits	The benefits expected to be paid in the future based on the provisions of the plan and the Actuarial Assumptions. The projected values are based on anticipated future advancement in age and accrual of service as well as increases in salary paid to the participant.

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**Total Annual Payroll** The salary expected for the year after the valuation date.

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**Ultimate Cost** The total cost to the plan once the last benefit has been paid. The Ultimate Cost equals

Benefit Payments  
Plus: Expenses  
Less: Investment Income

The Ultimate Cost is independent of the Actuarial Cost Method selected.

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**Unfunded Actuarial Accrued Liability** The excess of the Actuarial Accrued Liability over the Actuarial Value of Assets.

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**Vested Benefit** Benefits members are entitled to regardless of employment status.

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## DISCUSSION OF RISK

ASOP No. 51, Assessment and Disclosure of Risk Associated with Measuring Pension Obligations and Determining Pension Plan Contributions, states that the actuary should identify risks that, in the actuary's professional judgment, may reasonably be anticipated to significantly affect the plan's future financial condition.

Throughout this report, actuarial results are determined using various actuarial assumptions. These results are based on the premise that all future plan experience will align with the plan's actuarial assumptions; however, there is no guarantee that actual plan experience will align with the plan's assumptions. It is possible that actual plan experience will differ from anticipated experience in an unfavorable manner that will negatively impact the plan's funded position.

Below are examples of ways in which plan experience can deviate from assumptions and the potential impact of that deviation. Typically, this results in an actuarial gain or loss representing the current-year financial impact on the plan's unfunded liability of the experience differing from assumptions; this gain or loss is amortized over a period of time determined by the plan's amortization method. When assumptions are selected that adequately reflect plan experience, gains and losses typically offset one another in the long term, resulting in a relatively low impact on the plan's contribution requirements associated with plan experience. When assumptions are too optimistic, losses can accumulate over time and the plan's amortization payment could potentially grow to an unmanageable level.

- **Investment Return:** When the rate of return on the Actuarial Value of Assets falls short of the assumption, this produces a loss representing assumed investment earnings that were not realized. Further, it is unlikely that the plan will experience a scenario that matches the assumed return in each year as capital markets can be volatile from year to year. Therefore, contribution amounts can vary in the future.
- **Salary Increases:** When a plan participant experiences a salary increase that was greater than assumed, this produces a loss representing the cost of an increase in anticipated plan benefits for the participant as compared to the previous year. The total gain or loss associated with salary increases for the plan is the sum of salary gains and losses for all active participants.
- **Demographic Assumptions:** Actuarial results take into account various potential events that could happen to a plan participant, such as retirement, termination, disability, and death. Each of these potential events is assigned a liability based on the likelihood of the event and the financial consequence of the event for the plan. Accordingly, actuarial liabilities reflect a blend of financial consequences associated with various possible outcomes (such as retirement at one of various possible ages). Once the outcome is known (e.g., the participant retires) the liability is adjusted to reflect the known outcome. This adjustment produces a gain or loss depending on whether the outcome was more or less favorable than other outcomes that could have occurred.

## IMPACT OF PLAN MATURITY ON RISK

For newer pension plans, most of the participants and associated liabilities are related to active members who have not yet reached retirement age. As pension plans continue in operation and active members reach retirement ages, liabilities begin to shift from being primarily related to active members to being shared amongst active and retired members. Plan maturity is a measure of the extent to which this shift has occurred. It is important to understand that plan maturity can have an impact on risk tolerance and the overall risk characteristics of the plan. For example, closed plans with a large amount of retired liability do not have as long of a time horizon to recover from losses (such as losses on investments due to lower than expected investment returns) as plans where the majority of the liability is attributable to active members. For this reason, less tolerance for investment risk may be warranted for highly mature closed plans with a substantial inactive liability. Similarly, mature closed plans paying substantial retirement benefits resulting in a small positive or net negative cash flow can be more sensitive to near term investment volatility, particularly if the size of the fund is shrinking, which can result in less assets being available for investment in the market.

To assist with determining the maturity of the plan, we have provided some relevant metrics in the table following titled "Plan Maturity Measures and Other Risk Metrics". Highlights of this information are discussed below:

- The Support Ratio, determined as the ratio of active to inactive members, has decreased from 264.0% on October 1, 2015 to 130.0% on October 1, 2025, indicating that the plan has been maturing during the period.
- The Accrued Liability Ratio, determined as the ratio of the Inactive Accrued Liability, which is the liability associated with members who are no longer employed but are due a benefit from the plan, to the Total Accrued Liability, is 53.8%. With a plan of this maturity, losses due to lower than expected investment returns or demographic factors may result in larger increases in contribution requirements than would be needed for a less mature plan. Please note Chapter 112, Florida Statutes, requires that the plan sponsor contributes the minimum required contribution; thus, there is minimal solvency risk to the plan.
- The Funded Ratio, determined as the ratio of the Actuarial Value of Assets to the Total Accrued Liability, has decreased from 94.6% on October 1, 2015 to 89.1% on October 1, 2025.
- The Net Cash Flow Ratio, determined as the ratio of the Net Cash Flow (contributions minus benefit payments and administrative expenses) to the Market Value of Assets, decreased from 3.1% on October 1, 2015 to -0.9% on October 1, 2025. The current Net Cash Flow Ratio of -0.9% indicates contributions are not currently covering the plan's benefit payments and administrative expenses.

It is important to note that the actuary has identified the risks in this section as the most significant risks based on the characteristics of the plan and the nature of the project, however, it is not an exhaustive list of potential risks that could be considered. Additional advanced modeling, as well as the identification of additional risks, can be provided at the request of the audience addressed on page 2 of this report.

## LOW DEFAULT RISK OBLIGATION MEASURE

ASOP No. 4, Measuring Pension Obligations and Determining Pension Plan Costs or Contributions, was revised as of December 2021 to include a "low-default-risk obligation measure" (LDROM). This liability measure is consistent with the determination of the actuarial accrued liability shown in the principal valuation results in terms of member data, plan provisions, and assumptions/methods, including the use of the Entry Age Normal Cost Method, except that the interest rate is tied to low-default-risk fixed income securities. The S&P Municipal Bond 20 Year High Grade Rate Index (daily rate closest to, but not later than, the measurement date) was selected to represent a current market rate of low risk but longer-term investments that could be included in a low-risk asset portfolio. The interest rate used in this valuation was 4.50%, resulting in an LDROM of \$59,825,540. The LDROM should not be considered the "correct" liability measurement; it simply shows a possible outcome if the Board elected to hold a very low risk asset portfolio. The Board actually invests the pension plan's contributions in a diversified portfolio of stocks and bonds and other investments with the objective of maximizing investment returns at a reasonable level of risk. Consequently, the difference between the plan's Actuarial Accrued Liability disclosed earlier in this section and the LDROM can be thought of as representing the expected taxpayer savings from investing in the plan's diversified portfolio compared to investing only in high quality bonds.

The actuarial valuation reports the funded status and develops contributions based on the expected return of the plan's investment portfolio. If instead, the plan switched to investing exclusively in high quality bonds, the LDROM illustrates that reported funded status would be lower (which also implies that the Actuarially Determined Contributions would be higher), perhaps significantly. Unnecessarily high contribution requirements in the near term may not be affordable and could imperil plan sustainability and benefit security.

## PLAN MATURITY MEASURES AND OTHER RISK METRICS

	10/1/2025	10/1/2024	10/1/2020	10/1/2015
<b>SUPPORT RATIO</b>				
Total Actives	65	69	68	66
Total Inactives <sup>1</sup>	50	46	35	25
Actives / Inactives <sup>1</sup>	130.0%	150.0%	194.3%	264.0%
<b>ASSET VOLATILITY RATIO</b>				
Market Value of Assets (MVA)	42,836,157	39,432,353	29,198,203	18,239,570
Total Annual Payroll	5,587,685	5,189,531	4,795,197	4,062,730
MVA / Total Annual Payroll	766.6%	759.8%	608.9%	448.9%
<b>ACCRUED LIABILITY (AL) RATIO</b>				
Inactive Accrued Liability	23,796,800	20,813,161	12,287,606	7,700,194
Total Accrued Liability (EAN)	44,242,129	39,858,196	30,028,383	19,778,565
Inactive AL / Total AL	53.8%	52.2%	40.9%	38.9%
<b>FUNDED RATIO</b>				
Actuarial Value of Assets (AVA)	39,417,946	38,006,732	29,434,177	18,716,716
Total Accrued Liability (EAN)	44,242,129	39,858,196	30,028,383	19,778,565
AVA / Total Accrued Liability (EAN)	89.1%	95.4%	98.0%	94.6%
<b>NET CASH FLOW RATIO</b>				
Net Cash Flow <sup>2</sup>	(399,457)	69,704	286,218	559,627
Market Value of Assets (MVA)	42,836,157	39,432,353	29,198,203	18,239,570
Ratio	(0.9)%	0.2%	1.0%	3.1%

<sup>1</sup> Excludes terminated participants awaiting a refund of member contributions.

<sup>2</sup> Determined as total contributions minus benefit payments and administrative expenses.