



Freiman Little Actuaries, LLC
4105 Savannahs Trail
Merritt Island, FL 32953

Phone: (321) 453-6542
Fax: (321) 453-6998

Village of Palm Springs General Employees' Pension Fund

Actuarial Valuation as of October 1, 2024



REPORT TO DETERMINE MINIMUM FUNDING REQUIREMENTS
FOR THE FISCAL YEAR ENDING
SEPTEMBER 30, 2026



January 29, 2025

Board of Trustees

Village of Palm Springs General Employees' Pension Fund

Village of Palm Springs, Florida

RE: Actuarial Valuation as of October 1, 2024

Dear Board Members:

We are pleased to present the actuarial valuation as of October 1, 2024 for the Village of Palm Springs General Employees' Pension Fund (the Plan). This report provides a review of the current funded status of the Plan, establishes the minimum funding requirements for the fiscal year ending September 30, 2026, and provides an analysis of experience since the last valuation. In addition to providing the summary and derivation of actuarial findings, this report describes the data, assumptions, and methods used to create these results.

In producing our work product, we rely on various models, internal and external, which were used for their intended purposes. Underlying data, assumptions, methodologies, model inputs and resulting outputs have been reviewed. We find all inputs and outputs to be reasonable individually and in aggregate.

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.

Statement by Enrolled Actuary:

"This actuarial valuation and/or cost determination 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."

We look forward to the presentation of these results to you in person and we are always available to answer any questions you may have.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Little".

Chad M. Little, ASA, EA
Partner, Consulting Actuary
Enrollment Number 23-6619

A handwritten signature in black ink, appearing to read "Paula C. Freiman".

Paula C. Freiman, ASA, EA
Partner, Consulting Actuary
Enrollment Number 23-5796

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Section

1

Board Summary

This report presents the results of the actuarial valuation of the Village of Palm Springs General Employees' Pension Fund (the Plan).

Summary of Principal Valuation Results

A summary of the key valuation findings as of October 1, 2024 are compared with the results of prior valuations below.

Minimum Funding Requirements

Fiscal Year Ending September 30,	2024	2025	2026
Village Minimum Funding Requirement	\$415,951	\$412,841	\$406,427

Funded Status

Valuation Date October 1,	2022	2023	2024
Accrued Liability	\$30,155,977	\$29,842,488	\$30,952,232
Actuarial Value of Assets	\$32,402,065	\$32,994,858	\$34,680,749
Unfunded Accrued Liability	\$(2,246,088)	\$(3,152,370)	\$(3,728,517)
Funded Percentage	107.45%	110.56%	112.05%

Key Assumptions

Valuation Date October 1,	2022	2023	2024
Assumed Rate of Investment Return	6.00%	6.00%	6.00%
Salary Increase Assumption	4.6% to 8.3%	4.6% to 8.3%	4.6% to 8.3%

Summary of Significant Events

Determination of the funded status of the Plan and minimum funding requirements are based on participant data, asset information, Plan provisions, actuarial methods and assumptions. Any significant events associated with these items are discussed below.

Participant Data

Due to the closure of the Plan to future new entrants effective June 30, 2010, the active membership of the Plan continues to decrease. However, in the last year the number of active members remained level at 26. The number of inactive members decreased from 93 in the prior year to 91 in for the current valuation due to two deaths.

A demographic loss was experienced primarily due to retirement less than expected offset in part by retiree death experience. The last ten years of average individual salary increases are shown in the following table.

Year Ended September 30,	Actual	Expected
2024	4.0 %	5.4 %
2023	4.0 %	5.5 %
2022	8.9 %	5.5 %
2021	3.4 %	5.5 %
2020	5.6 %	5.6 %
2019	5.2 %	5.7 %
2018	4.0 %	5.8 %
2017	3.4 %	5.8 %
2016	6.9 %	5.9 %
2015	4.3 %	5.8 %
10 Year Avg	5.0 %	5.6 %

In general, should a pattern of consistent gains or losses develop, assumptions may require revision. We recommend that the Board of Trustees review termination and retirement assumptions.

Assets

The net return on the market value of assets was 21.43 % and the return on the smoothed actuarial value of assets was 7.21 % in comparison to the 6.00% return expected for the year ended September 30, 2024 such that there was an actuarial investment gain. Note that the returns on the market and actuarial value of assets differ because of the smoothing method used to dampen the effects of market fluctuations.

Plan Provisions

There were no changes in Plan provisions since the prior valuation.

Assumptions and Methods

The net assumed rate of investment return is 6.0% for this October 1, 2024 actuarial valuation of the Plan as directed by the Board of Trustees, unchanged from the prior valuation. As the group of active participants approach retirement the Board of Trustees should continue to review the investment allocations and consider gradually lowering the net assumed rate of investment return as we expect a change to reflect less risk in the asset allocation.

The Reasonable Actuarially Determined Contribution (RADC) is that produced by this funding valuation.

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.

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. Additional historical information provided in this report also 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.

Actuarial Standards of Practice define risk as "The potential of actual future measurements deviating from expected future measurements resulting from actual future experience deviating from actuarially assumed experience...." The following provides examples of potential risk.

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%.

Year Ending September 30,	Funded Status on Market Value of Assets Basis					Valuation Net Assumed Return Assumption
	2% Decrease	1% Decrease	Valuation Net Assumed Return	1% Increase	2% Increase	
2024	91.04%	104.57%	118.96%	134.14%	150.04%	6.00%
2023	78.90%	90.89%	103.66%	117.15%	131.32%	6.00%
2022	73.49%	84.66%	96.55%	109.12%	122.31%	6.00%
2021	89.49%	102.81%	117.04%	132.10%	147.93%	6.00%
2020	78.44%	90.14%	102.64%	115.86%	129.75%	6.25%
2019	70.88%	81.89%	93.68%	106.19%	119.36%	6.25%
2018	73.14%	84.45%	96.55%	109.38%	122.89%	6.50%
2017	71.81%	82.91%	94.80%	107.43%	120.73%	6.75%
2016	68.52%	79.05%	90.33%	102.29%	114.87%	7.00%
2015	71.08%	81.16%	91.89%	103.21%	115.07%	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.

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 <u>September 30,</u>	<u>Market Value of Assets</u>	<u>Covered Valuation Payroll</u>	<u>Asset Volatility Ratio</u>
2024	\$36,820,410	\$1,647,275	22.4
2023	30,933,242	1,643,068	18.8
2022	29,116,226	1,651,653	17.6
2021	34,347,895	1,706,741	20.1
2020	29,082,299	1,718,430	16.9
2019	27,075,734	1,624,165	16.7
2018	26,551,744	1,801,777	14.7
2017	24,406,511	1,889,561	12.9
2016	21,853,722	1,962,392	11.1
2015	19,498,306	2,084,998	9.4
2014	19,337,346	2,265,141	8.5
2013	17,369,035	2,468,911	7.0
2012	14,889,816	2,690,922	5.5
2011	12,196,718	2,809,429	4.3
2010	12,001,482	2,931,037	4.1
2009	10,342,313	4,418,658	2.3
2008	9,618,909	4,450,603	2.2

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	\$1,120,085	\$509,802	2.20
2023	1,095,311	626,656	1.75
2022	1,188,292	763,474	1.56
2021	1,094,834	1,115,163	0.98
2020	1,097,195	988,950	1.11
2019	1,106,461	885,020	1.25
2018	1,004,991	921,902	1.09
2017	950,966	892,969	1.06
2016	877,324	1,160,358	0.76
2015	811,678	1,141,960	0.71
2014	708,034	1,245,175	0.57
2013	557,336	1,120,557	0.50
2012	466,659	1,032,068	0.45
2011	447,529	858,310	0.52
2010	419,029	1,240,389	0.34
2009	358,668	1,139,148	0.31
2008	302,088	1,163,346	0.26
2007	274,636	985,729	0.28
2006	277,914	800,106	0.35
2005	225,841	593,192	0.38
2004	185,390	541,925	0.34
2003	164,452	433,436	0.38
2002	135,179	162,418	0.83
2001	111,123	154,786	0.72
2000	109,067	197,915	0.55
1999	108,115	213,864	0.51
1998	91,332	196,364	0.47
1997	88,849	222,328	0.40

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,	<u>Contributions</u>	<u>Disbursements</u>	<u>Assets</u>	Net Cash Flow Divided by <u>Assets</u>
2024	\$509,802	\$1,178,552	\$36,820,410	(0.02)
2023	626,656	1,155,927	30,933,242	(0.02)
2022	763,474	1,250,466	29,116,226	(0.02)
2021	1,115,163	1,223,036	34,347,895	(0.00)
2020	988,950	1,161,595	29,082,299	(0.01)
2019	885,020	1,159,265	27,075,734	(0.01)
2018	921,902	1,058,438	26,551,744	(0.01)
2017	892,969	1,003,872	24,406,511	0.00
2016	1,160,358	932,804	21,853,722	0.01
2015	1,141,960	861,576	19,498,306	0.01
2014	1,245,175	752,796	19,337,346	0.03
2013	1,120,557	599,028	17,369,035	0.03
2012	1,032,068	507,398	14,889,816	0.04
2011	858,310	488,844	12,196,718	0.03
2010	1,240,389	460,688	12,001,482	0.06
2009	1,139,148	392,583	10,342,313	0.07
2008	1,163,346	335,659	9,618,909	0.09
2007	985,729	308,491	9,674,855	0.07
2006	800,106	313,371	7,845,405	0.06
2005	593,192	260,098	6,980,188	0.05
2004	541,925	227,731	5,932,559	0.05
2003	433,436	204,983	5,306,867	0.04
2002	162,418	163,909	4,523,653	0.00
2001	154,786	148,852	4,886,561	0.00
2000	197,915	129,161	5,816,019	0.01
1999	213,864	129,874	5,470,061	0.02
1998	196,364	113,032	5,042,952	0.02
1997	222,328	108,722	4,711,252	0.02

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	\$30,952,232	6.00%	\$40,098,309	4.06%
10/01/2023	\$29,842,488	6.00%	\$34,645,493	4.87%

Section

2 Results

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.

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

	September 30, 2023		September 30, 2024	
Equity Securities	\$18,413,270	59%	\$22,941,763	63%
Fixed Income	7,980,406	26%	9,719,673	26%
Real Estate	3,050,652	10%	2,883,634	8%
Cash and Cash Equivalents	1,471,773	5%	1,269,259	3%
Net Receivables/Payables	<u>17,141</u>	<u>0%</u>	<u>6,081</u>	<u>0%</u>
Total Assets	\$30,933,242	100%	\$36,820,410	100%

Reconciliation of Market Value of Assets

Year Ending September 30,	2023	2024
1. Value as of beginning of year	\$29,116,226	\$30,933,242
2. Contributions		
a. Employer	\$570,220	\$452,760
b. Employee	<u>56,436</u>	<u>57,042</u>
c. Total Contributions	\$626,656	\$509,802
3. Investment Income		
a. Realized Gains and Losses	\$909,064	\$885,306
b. Unrealized Gains and Losses	791,133	4,971,295
c. Interest and Dividends	682,004	741,195
d. Other Income	10,306	455
e. Investment Expenses	<u>(46,220)</u>	<u>(42,333)</u>
f. Net Investment Income	\$2,346,287	\$6,555,918
4. Deductions		
a. Benefits Paid, including contribution refunds	\$(1,095,311)	\$(1,120,085)
b. Administrative Expenses	<u>(60,616)</u>	<u>(58,467)</u>
c. Total	\$(1,155,927)	\$(1,178,552)
5. Value as of end of year	\$30,933,242	\$36,820,410

Note: Asset information is as supplied by the Village.

Development of Historical Market Gains and Losses for Asset Smoothing

		2024	2023
1.	Market Value of Assets - Beginning of Year	\$30,933,242	\$29,116,226
2.	Contributions	509,802	626,656
3.	Benefit Payments and Administrative Expense	(1,178,552)	(1,155,927)
4.	Expected Return on Assets	<u>1,835,932</u>	<u>1,731,095</u>
5.	Expected Value of Assets at End of Year	\$32,100,424	\$30,318,050
6.	Market Value of Assets - End of Year	\$36,820,410	\$30,933,242
7.	Gain (Loss) for Plan Year = (6) - (5)	\$4,719,986	\$615,192
		2022	2021
1.	Market Value of Assets - Beginning of Year	\$34,350,030	\$29,082,299
2.	Contributions	763,474	1,115,163
3.	Benefit Payments and Administrative Expense	(1,250,466)	(1,223,036)
4.	Expected Return on Assets	<u>2,046,392</u>	<u>1,814,273</u>
5.	Expected Value of Assets at End of Year	\$35,909,430	\$30,788,699
6.	Market Value of Assets - End of Year	\$29,116,226	\$34,347,895
7.	Gain (Loss) for Plan Year = (6) - (5)	\$(6,793,204)	\$3,559,196

Development of Actuarial Value of Assets

The market value of assets is adjusted to recognize investment earnings greater than (or less than) the assumed investment return 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.

Determination of Actuarial Value of Assets as of October 1, 2024

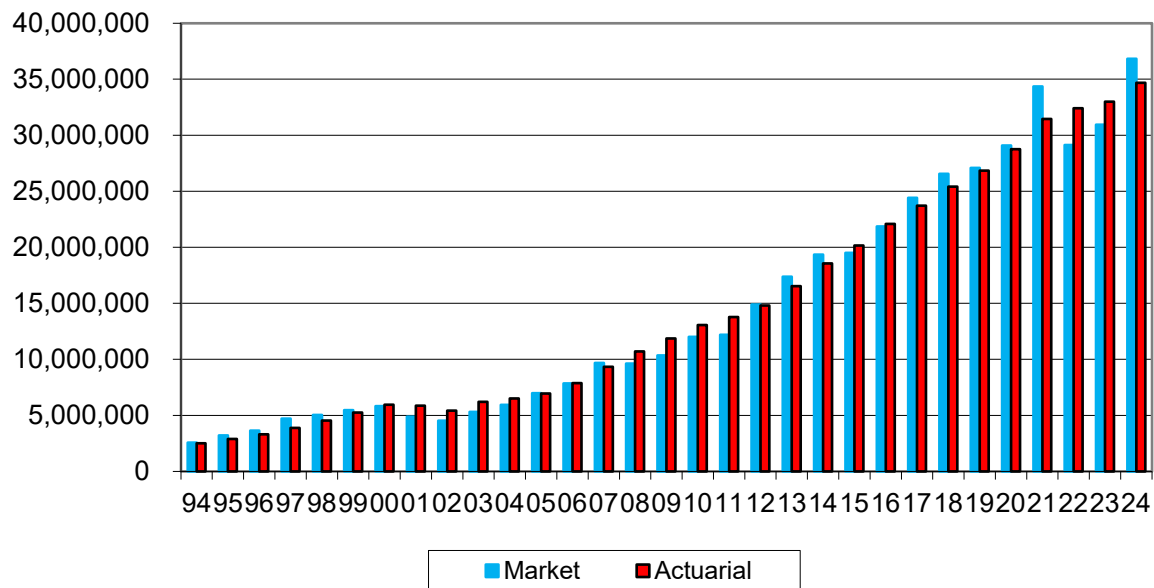
1.	Market Value of Assets as of October 1, 2024			\$36,820,410
2.	Phase-In Gains (Losses) Over Five Year Period			
		Original Gain (Loss)	Percent Unrecognized	Unrecognized Gain (Loss)
a.	Year Ending 9/30/2024	\$4,719,986	80%	\$3,775,989
b.	Year Ending 9/30/2023	615,192	60%	369,115
c.	Year Ending 9/30/2022	(6,793,204)	40%	(2,717,282)
d.	Year Ending 9/30/2021	3,559,196	20%	<u>711,839</u>
e.	Total			\$2,139,661
3.	Preliminary Actuarial Value of Assets as of October 1, 2024			\$34,680,749
4.	Corridor Around Market Value			
a.	Minimum = 80% of Market Value of Assets			\$29,456,328
b.	Maximum = 120% of Market Value of Assets			\$44,184,492
c.	Corridor Adjustment to Preliminary Actuarial Value			\$0
5.	Actuarial Value of Assets as of October 1, 2024 (3. + 4.c.)			\$34,680,749

Determination of Actuarial Asset Gain (Loss) for the Year Ended September 30, 2024

1.	Actuarial Value of Assets - Beginning of Year	\$32,994,858
2.	Contributions	509,802
3.	Benefit Payments and Administrative Expense	(1,178,552)
4.	Expected Return on Assets	<u>1,959,628</u>
5.	Expected Value of Assets at End of Year	\$34,285,736
6.	Actuarial Value of Assets - End of Year	\$34,680,749
7.	Gain (Loss) for Plan Year = (6) - (5)	\$395,013

Historic Asset Values

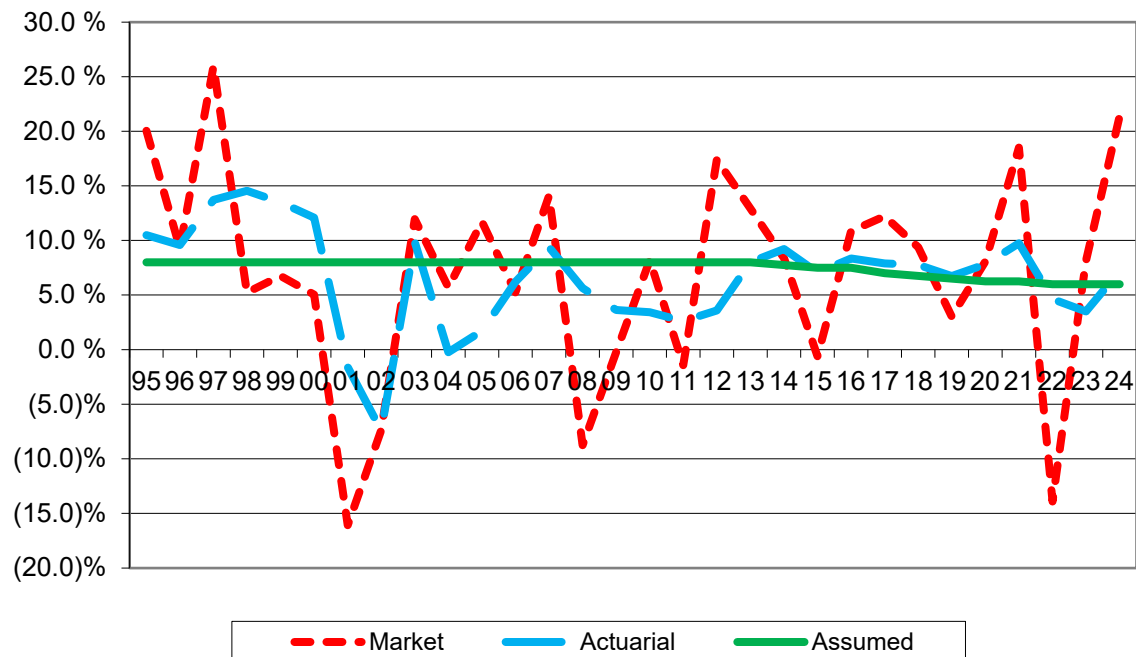
As of October 1,	Market Value	Actuarial Value	As of October 1,	Market Value	Actuarial Value
2024	\$36,820,410	\$34,680,749	2009	\$10,342,313	\$11,855,663
2023	30,933,242	32,994,858	2008	9,618,909	10,707,438
2022	29,116,226	32,402,065	2007	9,674,855	9,330,985
2021	34,347,895	31,444,813	2006	7,845,405	7,882,464
2020	29,082,299	28,756,492	2005	6,980,188	6,949,418
2019	27,075,734	26,840,827	2004	5,932,559	6,502,614
2018	26,551,744	25,411,172	2003	5,306,867	6,203,585
2017	24,406,511	23,712,033	2002	4,523,653	5,428,384
2016	21,853,722	22,082,870	2001	4,886,561	5,863,873
2015	19,498,306	20,163,447	2000	5,816,019	5,953,335
2014	19,337,346	18,562,501	1999	5,470,061	5,246,459
2013	17,369,035	16,524,970	1998	5,042,952	4,543,647
2012	14,889,816	14,798,078	1997	4,711,252	3,888,036
2011	12,196,718	13,770,643	1996	3,638,607	3,312,460
2010	12,001,482	13,055,082	1995	3,205,294	2,898,853



Historic Investment Returns

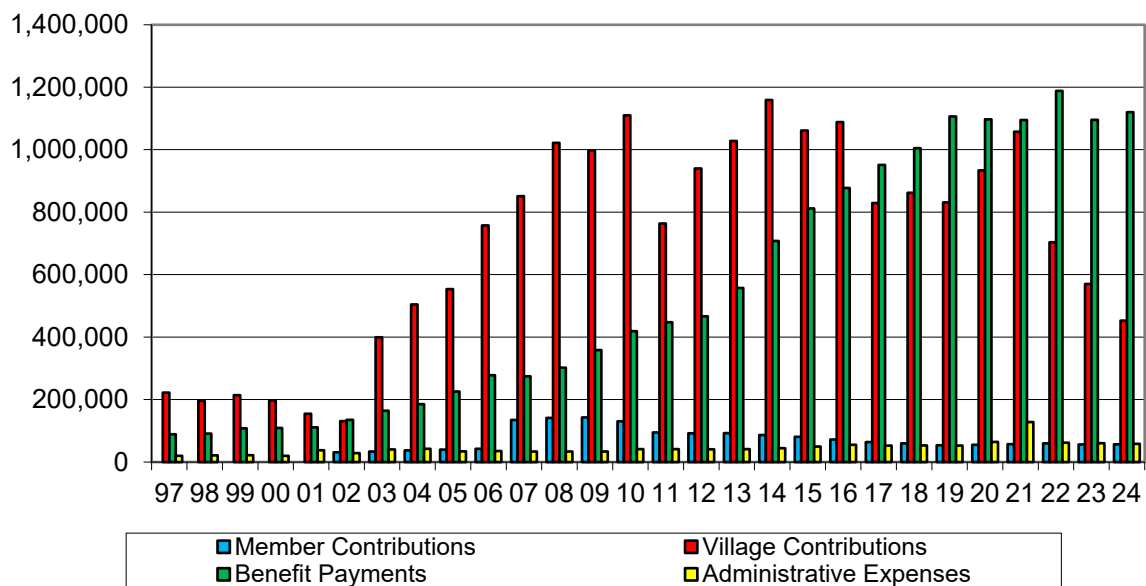
9/30	Market	Actuarial	Assumed	9/30	Market	Actuarial	Assumed
2024	21.4 %	7.2 %	6.00 %	2009	(0.2)%	3.6 %	8.00 %
2023	8.1 %	3.5 %	6.00 %	2008	(8.8)%	5.6 %	8.00 %
2022	(13.9)%	4.6 %	6.00 %	2007	14.1 %	9.4 %	8.00 %
2021	18.5 %	9.7 %	6.25 %	2006	5.2 %	6.2 %	8.00 %
2020	8.1 %	7.8 %	6.25 %	2005	11.7 %	1.7 %	8.00 %
2019	3.0 %	6.7 %	6.50 %	2004	5.7 %	(0.2)%	8.00 %
2018	9.4 %	7.8 %	6.75 %	2003	12.0 %	9.9 %	8.00 %
2017	12.2 %	7.9 %	7.00 %	2002	(7.4)%	(7.4)%	8.00 %
2016	10.8 %	8.3 %	7.50 %	2001	(16.1)%	(1.6)%	8.00 %
2015	(0.6)%	7.1 %	7.50 %	2000	5.0 %	12.1 %	8.00 %
2014	8.4 %	9.2 %	7.75 %	1999	6.7 %	13.5 %	8.00 %
2013	12.9 %	8.0 %	8.00 %	1998	5.2 %	14.6 %	8.00 %
2012	17.4 %	3.6 %	8.00 %	1997	26.0 %	13.7 %	8.00 %
2011	(1.4)%	2.6 %	8.00 %	1996	9.3 %	9.6 %	8.00 %
2010	8.2 %	3.4 %	8.00 %	1995	20.1 %	10.5 %	8.00 %
30 Year Average					6.6 %	6.5 %	7.5 %
10 Year Average					7.3 %	7.1 %	6.6 %

Actual rate of investment return is calculated as $2 I / (A + B - I)$, where A is the asset value at the beginning of the year, B is the asset value at the end of the year, and I represents investment income net of investment expenses.



Historic Contributions and Benefit Payments

Year Ended September 30	Member Contributions	Village Contributions	Benefit Payments	Administrative Expenses
2024	\$57,042	\$452,760	\$1,120,085	\$58,467
2023	56,436	570,220	1,095,311	60,616
2022	59,980	703,494	1,188,292	62,174
2021	57,475	1,057,688	1,094,834	128,202
2020	55,317	933,633	1,097,195	64,400
2019	53,804	831,216	1,106,461	52,804
2018	59,855	862,047	1,004,991	53,447
2017	64,047	828,922	950,966	52,906
2016	72,094	1,088,264	877,324	55,480
2015	80,731	1,061,229	811,678	49,898
2014	86,400	1,158,775	708,034	44,762
2013	92,577	1,027,980	557,336	41,692
2012	92,223	939,845	466,659	40,739
2011	94,530	763,780	447,529	41,315
2010	130,745	1,109,644	419,029	41,659
2009	142,613	996,535	358,668	33,915
2008	141,424	1,021,922	302,088	33,571
2007	134,438	851,291	274,636	33,855
2006	42,629	757,477	277,914	35,457
2005	39,804	553,388	225,841	34,257
2004	37,351	504,574	185,390	42,341
2003	33,977	399,459	164,452	40,531
2002	31,109	131,309	135,179	28,730
2001	0	154,786	111,123	37,729
2000	0	197,915	109,067	20,094
1999	0	213,864	108,115	21,759
1998	0	196,364	91,332	21,700
1997	0	222,328	88,849	19,873



Present Value of Benefits

Valuation as of October 1,	2023	2024
1. Active Members		
a. Retirement Benefits	\$13,323,639	\$14,273,155
b. Deferred Benefits	258,724	244,848
c. Survivor Benefits	<u>244,877</u>	<u>243,871</u>
d. Total	\$13,827,240	\$14,761,874
2. Deferred Vested	\$3,632,054	\$3,665,154
3. Members in Payment Status		
a. Retirement Benefits	\$13,277,737	\$13,297,772
b. Beneficiaries	<u>2,130,429</u>	<u>2,134,709</u>
c. Total	\$15,408,166	\$15,432,481
4. Present Value of Benefits (PVB)	\$32,867,460	\$33,859,509

Accrued Liability

Valuation as of October 1,	2023	2024
1. Active Members		
a. Retirement Benefits	\$10,659,355	\$11,717,587
b. Deferred Benefits	(7,629)	(15,582)
c. Survivor Benefits	<u>150,542</u>	<u>152,592</u>
d. Total	\$10,802,268	\$11,854,597
2. Deferred Vested	\$3,632,054	\$3,665,154
3. Members in Payment Status		
a. Retirement Benefits	\$13,277,737	\$13,297,772
b. Beneficiaries	<u>2,130,429</u>	<u>2,134,709</u>
c. Total	\$15,408,166	\$15,432,481
4. Accrued Liability (AL)	\$29,842,488	\$30,952,232

Normal Cost

Valuation as of October 1,	2023	2024
1. Preliminary Normal Cost		
a. Retirement benefits	\$322,333	\$319,370
b. Deferred benefits	27,828	28,800
c. Survivor benefits	<u>10,500</u>	<u>10,473</u>
d. Total	\$360,661	\$358,643
2. Total Normal Cost (NC)		
a. Preliminary Normal Cost	\$360,661	\$358,643
b. Administrative expense	<u>60,616</u>	<u>58,467</u>
c. Total Normal Cost	\$421,277	\$417,110
d. As a Percentage of Payroll	25.6%	25.3%
3. Actual Employer Normal Cost		
a. Preliminary Normal Cost	\$360,661	
b. Actual Administrative Expense	58,467	
c. Actual Employee Contributions	<u>(57,042)</u>	
d. Employer Normal Cost	\$362,086	
4. Valuation Salary	\$1,643,068	\$1,647,275

Unfunded Accrued Liability

Valuation as of October 1,

2024

Unfunded Accrued Liability

1. Accrued Liability	\$30,952,232
2. Actuarial Value of Assets	<u>(34,680,749)</u>
3. Unfunded Accrued Liability	<u>\$(3,728,517)</u>

Determination of Expected Unfunded Accrued Liability

1. Unfunded Accrued Liability as of Prior Year	\$(3,152,370)
2. Employer Normal Cost (Including Administrative Expenses)	362,086
3. Interest for a full year on (1) and (2)	(167,417)
4. Employer Contribution for Prior Year	(452,760)
5. Interest on Contributions	(13,583)
6. Change in Plan, Methods or Assumptions	<u>0</u>
7. Expected Unfunded Accrued Liability	<u>\$(3,424,044)</u>

Calculation of (Gain) or Loss

1. Actual Unfunded Accrued Liability	\$(3,728,517)
2. Expected Unfunded Accrued Liability	<u>(3,424,044)</u>
3. Total (Gain) or Loss	<u>\$(304,473)</u>

Reconciliation of Unfunded Accrued Liability

1. Unfunded Accrued Liability for Prior Year	\$(3,152,370)
2. Total Change in Unfunded Accrued Liability	
a. Expected Change in Unfunded Accrued Liability	\$(271,674)
b. Change in Plan, Methods or Assumptions	0
c. Change Due to (Gain) or Loss	
i. Investment (Gain) Loss	\$(395,013)
ii. Demographic (Gain) Loss	<u>90,540</u>
iii. Total (Gain) or Loss	\$(304,473)
d. Total Change in Unfunded Accrued Liability	\$(576,147)
3. Unfunded Accrued Liability for Current Year	<u>\$(3,728,517)</u>

Amortization of Unfunded Accrued Liability

The Unfunded Accrued Liability is being amortized as a level dollar amount using the net assumed investment return.

A fresh start was implemented effective October 1, 2017. Future changes in UAL are to be set up over a 5-year period.

The current year actuarial experience base has been adjusted to account for differences in contributions from those expected.

Actions Taken to Reduce Unfunded Accrued Liability

The required contributions calculated each year include a payment for the amortization of the Unfunded Accrued Liability. This payment is designed to reduce the Unfunded Accrued Liability in an orderly fashion over the next 5 years.

Amortization Bases

Type	10/1	Original Balance	Outstanding Bases	Adjusted Outstanding Bases	Years Remain	Amortization Payment
(Gain) Loss	2020	(1,293,417)	(289,983)	(289,983)	1	\$(289,983)
Assumption Change	2020	(745,073)	(167,045)	(167,045)	1	(167,045)
(Gain) Loss	2021	(1,919,034)	(1,104,845)	(1,104,845)	2	(568,512)
Assumption Change	2021	896,257	390,087	390,087	2	200,724
(Gain) Loss	2022	289,254	(257,240)	(257,240)	3	(90,789)
(Gain) Loss	2023	(574,610)	(1,028,254)	(1,028,254)	4	(279,948)
(Gain) Loss	2024	(304,473)	(304,473)	(1,271,237)	5	(284,705)
Total			\$(2,761,753)	\$(3,728,517)		\$(1,480,258)

Projected Unfunded Accrued Liability and Amortization Payments

Plan Year Beginning October 1	Unfunded Accrued Liability	Amortization Payment
2024	\$(3,728,517)	\$(1,480,258)
2025	(2,383,155)	(1,023,231)
2026	(1,441,519)	(655,441)
2027	(833,242)	(564,653)
2028	(284,705)	(284,705)
2029	0	0

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	\$421,277	\$417,110
b. Amortization of UAL	0	0
c. Interest to next fiscal year	25,277	25,027
d. Interest for periodic payment	<u>13,397</u>	<u>13,264</u>
e. Total	\$459,951	\$455,401
2. Minimum Required Contribution by Source		
a. Village Minimum Required Contribution	\$412,841	\$406,427
b. Expected Employee Contributions	<u>47,110</u>	<u>48,974</u>
c. Total	\$459,951	\$455,401
3. Valuation Salary		
a. Expected in Year Following Valuation Date	\$1,643,068	\$1,647,275
b. Expected in Funding Year	1,570,341	1,632,475
4. Assumed Net Investment Return	6.00%	6.00%

Reconciliations

Reconciliation of Change in Village Minimum Required Contribution

As of Prior Valuation		\$412,841
Changes in Required Village Contribution Rate due to:		
Normal Operation of Plan	\$(20,055)	
Demographic Experience	<u>13,641</u>	
Total Changes	<u>\$(6,414)</u>	
As of Current Valuation		\$406,427

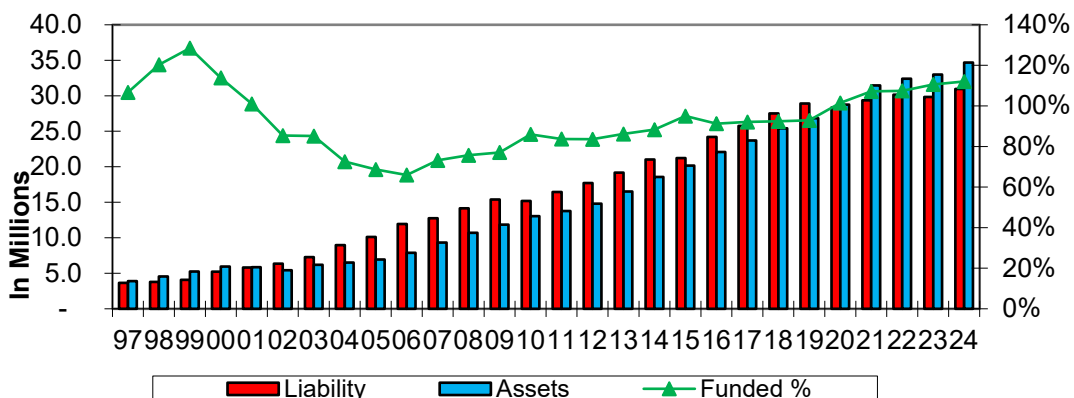
Reconciliation of Change in Funded Percentage

As of Prior Valuation		110.56 %
Changes in Funded Status due to:		
Normal Operation of Plan	0.53 %	
Investment Experience	1.28 %	
Demographic Experience	<u>(0.32)%</u>	
Total Changes	<u>1.49 %</u>	
As of Current Valuation		112.05 %

Historical Actuarial Experience

Actuarial Valuation Date	Investment Gain/(Loss)			Total Gain/(Loss)
	Market Basis	Actuarial Basis	Demographic Gain/(Loss)	
	(A)	(B)	(C)	
10/1/2024	\$4,719,986	\$395,013	\$(90,540)	\$304,473
10/1/2023	615,192	(806,182)	1,380,792	574,610
10/1/2022	(6,793,204)	(427,835)	138,581	(289,254)
10/1/2021	3,559,196	1,002,284	916,750	1,919,034
10/1/2020	492,372	416,153	877,264	1,293,417
10/1/2019	(918,715)	61,087	561,920	623,007
10/1/2018	638,938	239,721	205,918	445,639
10/1/2017	1,137,813	198,147	325,072	523,219
10/1/2016	662,505	171,077	429,411	600,488
10/1/2015	(1,580,239)	(82,140)	930,661	848,521
10/1/2014	110,752	245,387	506,492	751,879
10/1/2013	745,644	656	392,348	393,004
10/1/2012	1,171,704	(619,873)	512,584	(107,289)
10/1/2011	(1,149,127)	(713,091)	(55,854)	(768,945)
10/1/2010	20,895	(559,923)	1,628,110	1,068,187
10/1/2009	(822,536)	(484,798)	171,774	(313,024)
10/1/2008	(1,690,729)	(230,820)	(25,731)	(256,551)
10/1/2007	497,490	113,596	664,743	778,339
10/1/2006	(199,402)	(129,112)	179,217	50,105
10/1/2005	226,606	(419,823)	(152,874)	(572,697)
10/1/2004	(125,619)	(524,020)	(145,699)	(669,719)
10/1/2003	183,731	(569,069)	(12,628)	(581,697)
10/1/2002	(752,282)	(903,048)	89,638	(813,410)
10/1/2001	(1,400,911)	(571,900)	(23,393)	(595,293)
10/1/2000	(163,151)	215,655	14,489	230,144
10/1/1999	(63,677)	251,971	72,707	324,678
10/1/1998	(131,865)	257,903	248,521	506,424
10/1/1997	663,406	192,429	(8,262)	184,167

Historical Funded Percentage



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 (FASB 35)

The following table is based on prior accounting standards and is required by the State. The present value of accrued benefits is an estimate of the liability for the Plan of all benefits accrued to date.

Valuation as of October 1,	2023	2024
Statement of Accumulated Plan Benefits		
Present value of accumulated vested plan benefits		
Participants Currently Receiving Payments	\$15,408,166	\$15,432,481
Other Participants	<u>12,052,984</u>	13,291,471
Total	\$27,461,150	\$28,723,952
Present value of accumulated non-vested plan benefits	<u>85,842</u>	<u>0</u>
Total present value of accumulated plan benefits	\$27,546,992	\$28,723,952

Statement of Change in Accumulated Plan Benefits

Accumulated plan benefits as of prior year		\$27,546,992
Increase (decrease) during the year attributable to:		
Plan amendment		\$0
Change in methodology		0
Change in assumptions		0
Benefits paid		(1,120,085)
Interest due to decrease in discount period		1,652,820
Other, including benefits accumulated		<u>644,225</u>
Net increase (decrease)		\$1,176,960
Accumulated plan benefits as of current year		\$28,723,952

Other Disclosures Required by the State of Florida

Valuation as of October 1,	2023	2024
Other Disclosures Required by the State of Florida		
Present value of active member:		
Future salaries (attained age)	\$14,439,107	\$13,896,539
Future contributions (attained age)	\$433,173	\$416,896

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. This actuarial valuation assumes mortality as used in one of the last two actuarial valuations for NOT special risk members of FRS.
- (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 (4.00%)	Actual Valuation Current Discount Rate (6.00%)	2% Increase (8.00%)
Total pension liability	\$40,445,038	\$30,952,232	\$24,540,100
Plan fiduciary net position	<u>(36,820,410)</u>	<u>(36,820,410)</u>	<u>(36,820,410)</u>
Net pension liability	<u>\$3,624,628</u>	<u>\$(5,868,178)</u>	<u>\$(12,280,310)</u>
Plan fiduciary net position as a percentage of the total pension liability	91.04%	118.96%	150.04%
Years of benefit payments:			
Expected for current members:	97.00	97.00	97.00
Paid for with current assets:	26.95	97.00	97.00
Village Contribution Requirement Plus Expected Employee Contributions			
Dollar Amount	\$1,371,817	\$455,401	\$296,731
Percent of Payroll	84.03%	27.90%	18.18%
Increase (Decrease)	\$916,416		\$(158,670)

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
Assumed rate of return	6.00%	6.00%	6.00%	6.25%	6.25%
Actual rate of return	21.43%	8.13%	(13.92%)	18.51%	8.07%
Percentages of assets in:					
Equity	62.30%	59.53%	53.71%	62.86%	60.06%
Bond	26.40%	25.80%	24.99%	21.80%	26.65%
Cash	3.45%	4.76%	8.95%	6.88%	4.38%
Alternative	7.85%	9.92%	12.35%	8.46%	8.91%
Total	100.00%	100.00%	100.00%	100.00%	100.00%

Section 4 Supplementary Information

Demographic Data

Valuation as of October 1,	2023	2024
<u>Active Participants</u>		
Number	26	26
Average Age	54.6	55.6
Average Credited Service	21.2	22.2
Average Salary	\$73,980	\$77,157
Total Salary	\$1,923,479	\$2,006,087
Valuation Salary	\$1,643,068	\$1,647,275
Accumulated Contributions	\$634,735	\$691,777
<u>Terminated With Rights to Deferred Benefits</u>		
Number	37	35
Average Age	54.6	55.2
Total Annualized Benefit	\$335,589	\$322,946
Average Monthly Benefit	\$756	\$769
<u>Service Retirements</u>		
Number	46	46
Average Age	73.1	73.4
Total Annualized Benefit	\$971,511	\$994,352
Average Monthly Benefit	\$1,760	\$1,801
<u>Beneficiaries</u>		
Number	10	10
Average Age	70.4	71.4
Total Annualized Benefit	\$142,646	\$146,783
Average Monthly Benefit	\$1,189	\$1,223
<u>Total In Payment Status</u>		
Number	56	56
Average Age	72.6	73.0
Total Annualized Benefit	\$1,114,157	\$1,141,135
Average Monthly Benefit	\$1,658	\$1,698

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

Age	<15	< 20	< 25	< 30	30+	Total
< 35						0
< 40		2				2
< 45		3				3
< 50		2				2
< 55		4		1	1	6
< 60		1	2		3	6
< 65			1	1		2
< 70			2			2
70+		1		2		3
Total	0	13	5	4	4	26

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

Age	<15	< 20	< 25	< 30	30+	Total
< 35						0
< 40		81,460				81,460
< 45		92,110				92,110
< 50		94,629				94,629
< 55		95,394		72,866	83,025	89,578
< 60		91,746	66,705		85,381	80,216
< 65			64,669	6,953		35,811
< 70			95,312			95,312
70+		81,161		7,703		32,189
Total	0	90,999	77,741	23,806	84,792	77,157

The pay shown above is that expected to be paid in the year following the valuation date.

There are no members with less than 15 years of service.

Reconciliation of Participants

	Active	Deferred Vested	Retirements	Beneficiaries	Total
October 1, 2023	26	37	46	10	119
Retirement		(2)	2		0
Death			(2)		(2)
October 1, 2024	26	35	46	10	117

Outline of Plan Provisions

Plan Type: Single-employer Defined Benefit Pension Plan

Legal Authority: The Plan was established and is amended by local ordinance.

Board Composition: The trustees consist of five members who are selected as follows:

- (a) One member is an elected Village Council member,
- (b) One member is the Village Manager or the Village Manager's designee, and
- (c) Two members are active participants elected by a majority of the active participants.
- (d) A fifth member is a resident of Palm Springs selected by a majority vote of the other four members.

Plan Administrator: The Board of Trustees

Funding Requirements: Employer contributions are actuarially determined and subject to State statute. Employee contributions are as described below and may be amended by ordinance.

Effective Date: November 19, 1969.

Recent Ordinances: Ordinance No. 2010-07 adopted April 8, 2010 closed the Plan to future new entrants effective June 30, 2010. Individual members chose whether to remain active participants of this Plan or to alternatively move to the Florida Retirement System.

Ordinance No. 2013-30 adopted September 26, 2013 contained language to allow for investment in foreign governments, real property, up to 5% in investments not listed in the ordinance, and any investments authorized by Florida Statutes 215.47.

Ordinance No. 2017-26 adopted October 12, 2017 amended and restated the Plan. The following changes were made: (1) effective January 1, 2007 members who die or become disabled while on active duty military service are treated as though re-employed with the Village the day before disability or death, and then became disabled from a non-duty disability or died a non-duty death; (2) amounts paid as differential wages to members who are absent while in qualified military service are treated as pensionable earnings beginning with earnings after December 31, 2008 and pursuant to IRC §414(u)(7); (3) a refund of employee contributions without interest is payable to the estate of a vested termination who dies with no designated beneficiary or spouse and that vested terminations who are married at the time of death are assumed to have elected an annuity payable to their spouse if there is no valid beneficiary designation and form of benefit election on file under Option 3 (100% Joint & Survivor with Pop-Up to Life Only) (a) commencing the first of the month coincident or next following the member's death if the member had reached normal retirement age but had not yet commenced benefits, or (b) commencing at what would have been the first of the month after the member's normal retirement age if the vested terminated member dies before reaching normal retirement age; (4) only with the consent of the vested terminated member may the actuarially equivalent present value of the vested benefit more than \$1,000 be paid; (5) non-spouse beneficiaries who are eligible to receive lump sum distributions under the plan are additionally defined as distributees who may have rollovers performed on their behalf; and (6) if a member does not consent to receive a mandatory distribution in excess of \$1,000, the monies

are transferred to an individual retirement plan of the Board's choosing and the member is notified of the transfer.

Ordinance 2020-10 was adopted effective July 9, 2020. Ordinance 2020-27 was adopted effective September 10, 2020. These amendments were identical and modified the composition, roles and hearing procedures of the Board of Trustees.

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

Member: General employees or elected officials, excluding persons whose customary employment is not for more than 20 hours per week or for not more than 5 months in any plan year, become Members immediately upon hire. The Plan is closed to future new entrants effective June 30, 2010.

Credited Service: Employee service computed in years and fractional parts.

Vesting: Members become vested according to the following schedule:

Service	Vested %
<5	0%
5	50%
6	60%
7	70%
8	80%
9	90%
10+	100%

Members are 100% vested upon attainment of Normal Retirement Eligibility.

Earnings: Total annual gross compensation reported on Form W-2 plus tax deferred income. Payment upon termination for unused vacation time is limited to 120 hours.

Employee Contributions: 3.0% of Earnings.

Final Average Earnings: The average of the highest five successive Plan Years of Earnings in the last ten Plan Years of employment.

Normal Retirement Date: The first day of the month coincident with or next following attainment of age 62 and 5 years of Credited Service.

Members who terminate employment with a vested percentage greater than 0% 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.

Accrued Benefit: The amount of monthly retirement income payable at the Normal Retirement Date is determined according to the following formula:

$$2.50\% \times \text{Final Average Earnings} \times \text{Credited Service up to 25 years}$$

The Accrued Benefit is payable in the form of a life only annuity.

Cost of Living Adjustment: Based on the Consumer Price Index, a Cost of Living Adjustment is granted annually in an amount not more than 3% for Members in payment status.

Early Retirement Date: After attainment of 10 years of Credited Service, a Member may retire up to 10 years earlier than their Normal Retirement Date.

Early Retirement Benefit: The Accrued Benefit is reduced for commencement earlier than the Normal Retirement Date at a rate of 5% annually.

Members who terminate employment with a vested percentage greater than 0% prior to reaching the Early Retirement Date age requirements may elect to receive an Early Retirement Benefit once the age requirements are met, provided Employee Contributions remain in the Plan.

Pre-retirement Death Benefit: The Accrued Benefit adjusted for a 100% joint and survivor pop-up option is payable to the beneficiary of a Member who dies while in active service after earning 10 years of Credited Service.

Optional Forms of Retirement Income: In addition to the life only annuity, also available under the terms of the Plan are the 10-year certain and continuous form of annuity, as well as the 100% and 50% joint and survivor pop-up annuity forms of benefit.

Description of Assumptions and Methods

Assumed Rate of Investment Return: 6.0% per year, net of investment expenses

Inflation: 2.0% per year. Note this assumption is not used directly in the actuarial valuation.

Salary Increase – Individual: Rates varying by age as shown in the following schedule, which includes inflation. Accrued Benefits in the final year of the career are loaded 1% for retirement and termination to account for payments due to accumulated leave. No adjustment is made to death benefits to account for unused accumulated sick leave.

Age	Rate	Age	Rate	Age	Rate	Age	Rate	Age	Rate
15	8.336%	25	7.621%	35	6.874%	45	6.179%	55	5.164%
16	8.336%	26	7.516%	36	6.824%	46	6.064%	56	5.067%
17	8.336%	27	7.421%	37	6.780%	47	5.950%	57	4.967%
18	8.336%	28	7.334%	38	6.734%	48	5.841%	58	4.864%
19	8.336%	29	7.255%	39	6.689%	49	5.737%	59	4.762%
20	8.336%	30	7.181%	40	6.635%	50	5.638%	60	4.659%
21	8.164%	31	7.111%	41	6.568%	51	5.541%	61+	4.556%
22	8.006%	32	7.049%	42	6.488%	52	5.447%		
23	7.865%	33	6.986%	43	6.395%	53	5.354%		
24	7.736%	34	6.927%	44	6.292%	54	5.260%		

Mortality: Mortality rates are those required by state statute. Mortality is as assumed in one of the last two actuarial valuations for the Florida Retirement System (FRS) for not special risk and not school instructional personnel, as follows:

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

Healthy Active: PubG.H-2010(B) (male set back 1 year)

Healthy Retiree: PubG.H-2010(B) (male set back 1 year)

Juvenile rates were used for ages 15-17.

The active table references the healthy retiree rates, above, at ages 81+.

The healthy retiree table references the active mortality rates, above, before age 51.

Retirement: Upon attaining 5 years of service, members are assumed to retire at a rate of 10% annually from age 52 through age 61. At age 62, 100% of Members are assumed to retire.

Termination: Select Rates for years 0-4 are 25%, 20%, 14%, 9% and 8%, respectively. Ultimate rates varying by age follow. No termination is assumed for members who have attained Early or Normal Retirement eligibility.

Age	Rate	Age	Rate	Age	Rate	Age	Rate	Age	Rate
15-20	7.00%	27	6.10%	34	4.30%	41	1.90%	48	1.35%
21	6.90%	28	5.90%	35	4.00%	42	1.80%	49	1.30%
22	6.80%	29	5.70%	36	3.60%	43	1.70%	50-61	1.25%
23	6.70%	30	5.50%	37	3.20%	44	1.60%	62 +	0.00%
24	6.60%	31	5.20%	38	2.80%	45	1.50%		
25	6.50%	32	4.90%	39	2.40%	46	1.45%		
26	6.30%	33	4.60%	40	2.00%	47	1.40%		

Designated Beneficiaries: For pre-retirement death benefits, all members are assumed to have a designated beneficiary on file. Females are assumed to be three years younger than males.

Administrative Expense Load: The Normal Cost is increased by plan expenses, other than investment related expenses, from the prior year.

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): The value of the portion of the total benefit for active members which accrues in the year following the valuation date. Under the Entry Age Normal (Level Percent of Salary) funding method, the annual NC for each individual active member is determined as a constant fraction of salary from the member's date of entry into the Plan to the member's assumed date of termination, retirement, disability or death.

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 reduce the UAL and actuarial losses increase the UAL.

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.