INDIANA PUBLIC RETIREMENT SYSTEM

EXCISE, GAMING AND CONSERVATION OFFICERS' RETIREMENT FUND

ACTUARIAL VALUATION

PREPARED AS OF JUNE 30, 2025

CavMac
Actuarial Consulting Services

November 17, 2025

Board of Trustees
Indiana Public Retirement System
1 North Capitol, Suite 001
Indianapolis, IN 46204

Dear Members of the Board:

At your request, we performed an actuarial valuation of the Excise, Gaming and Conservation Officers' Fund (EG&C) as of June 30, 2025, for the purpose of estimating the actuarial determined contribution rate for the calendar year 2027. Actuarial valuations are performed annually. The major findings of the valuation are contained in this report, which reflects the benefit and funding provisions in place on June 30, 2025. HEA 1221-2025 was passed, specifying funding the Supplemental Retirement Account at a level that could provide for a combination of inflation-indexed, annual 13th checks for retirements before July 1, 2029 and an annual 1% COLA for retirements thereafter, although such benefits have not been provided. These provisions are reflected in this valuation, along with needed assumptions and funding methods that are consistent with the requirements. Additionally, this report reflects the updated economic and demographic assumptions and actuarial funding methods that were proposed in the 2020-2024 Experience Study and adopted by the Board in June 2025. Please refer to that Study for complete details (available on the INPRS website).

In preparing our report, we relied, without audit, on information (some oral and some in writing) supplied by Indiana Public Retirement System (INPRS) staff. This information includes, but is not limited to, statutory provisions, member data and financial information. We did review the data to ensure that it was reasonably consistent and comparable with data from prior years. The valuation results depend on the integrity of this information. If any of this information is inaccurate or incomplete, our results may be different and our calculations may need to be revised.

We certify that all costs and liabilities for EG&C have been determined on the basis of actuarial assumptions and methods which are individually reasonable (taking into account the experience of the plan and reasonable expectations); and which, in combination, offer the best estimate of anticipated experience affecting the plan. Nevertheless, the emerging costs will vary from those presented in this report to the extent actual experience differs from that projected by the actuarial assumptions.

We believe the actuarial assumptions used herein are reasonable. The Board has the final decision regarding the appropriateness of the assumptions and adopted them as indicated in Appendix C. Specifically, we presented the proposed assumptions for the 2025 valuations to the Board on February 28, 2025, and the Board subsequently adopted their use. These assumptions are applicable to both the funding and Governmental Accounting Standards Board (GASB) Statement Number 67 valuation calculations, unless otherwise noted.

In order to prepare the results in this report, we have utilized actuarial models that were developed to measure liabilities and develop actuarial costs. These models include tools that we have produced and tested, along with commercially available valuation software that we have reviewed to confirm the appropriateness and accuracy of the output. In utilizing these models, we develop and use input parameters and assumptions about future contingent events along with recognized actuarial approaches to develop the needed results. 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. Due to the limited scope of our assignment, we did not perform an analysis of the potential range of future measurements.

We prepared a Risk Report for the INPRS Board in July 2024 that contains information which is relevant to EG&C and should be considered part of this valuation report. Although the report was prepared using the data, methods, and assumptions of the June 30, 2023 valuation report, it is our professional opinion that the general results of the risk report are applicable to the June 30, 2025 valuation report as well.

Actuarial computations presented in this report are for purposes of determining the funding rates for the Plan. The calculations in the enclosed report have been made on a basis consistent with our understanding of the Plan’s funding requirements and goals as adopted by the Board. Additionally, we have included actuarial computations for use in preparing certain reporting and disclosure requirements under Governmental Accounting Standards Board Statements Number 67 and Number 68. Determinations for purposes other than meeting these funding and disclosure requirements may be significantly different from the results contained in this report and require additional analysis.

The Annual Comprehensive Financial Report (ACFR) for INPRS contains several exhibits that disclose the actuarial position of the System. This annual report, prepared as of June 30, 2025, provides data and tables that we prepared for use in the following sections of the ACFR:

Financial Section:

- Note 1 - Tables of Plan Membership
- Note 8 - Net Pension Liability and Actuarial Information - Defined Benefit Plans
- Schedule of Changes in Net Pension Liability and Plan Fiduciary Net Position
- Schedule of Contributions
- Schedule of Notes to Required Supplementary Information

Actuarial Section:

- Summary of INPRS Funded Status (Included in the Board Summary)
- Historical Summary of Actuarial Valuation Results by Retirement Plan
- Summary of Actuarial Assumptions, Methods and Plan Provisions
- Analysis of Financial Experience (Included in the Unfunded Actuarial Accrued Liability Reconciliation)
- Solvency Test
- Schedule of Active Member Valuation Data
- Schedule of Retirants and Beneficiaries

Statistical Section:
- Membership Data Summary
- Ratio of Active Members to Annuitants
- Schedule of Benefit Recipients by Type of Benefit Option
- Schedule of Average Benefit Payments

The consultants who worked on this assignment are pension actuaries. Cavanaugh Macdonald's advice is not intended to be a substitute for qualified legal or accounting counsel.

On the basis of the foregoing, we hereby certify that, to the best of our knowledge and belief, this report is complete and accurate, and the assumptions and methods used for funding purposes meet the guidance provided in the applicable Actuarial Standards of Practice. We are members of the American Academy of Actuaries and meet the Qualification Standards to render the actuarial opinion contained herein.

The calculations were completed in compliance with applicable law and the calculations for GASB disclosure, in our opinion, meet the requirements of GASB 67 and GASB 68. We are available to answer any questions on the material contained in the report, or to provide explanations or further details as may be appropriate.

We respectfully submit the following report and look forward to discussing it with you.

Sincerely,

Brent A. Banister

Brent. A. Banister, PhD, FSA, EA, FCA, MAAA
Chief Actuary

Edward J. Koebel

Edward Koebel, FCA, EA, MAAA
Chief Executive Officer

Virginia Fritz

Virginia Fritz, FSA, EA, FCA, MAAA
Senior Actuary

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SECTION I – BOARD SUMMARY

This report presents the results of the June 30, 2025 actuarial valuation of the Excise, Gaming and Conservation Officers' Retirement Fund (EG&C). The primary purposes of performing this actuarial valuation are to:

- Determine the employer contribution rate for the calendar year ending December 31, 2027, along with the actuarial surcharge rate for the 2027 calendar year, that will be sufficient to meet the funding policy set out by the Board to comply with Indiana statutes.
- Disclose asset and liability measurements as well as the plan's funded status on the valuation date.
- Compare actual and expected experience of the Fund during the plan year ending June 30, 2025.
- Analyze and report on trends in plan contributions, assets and liabilities over the past several years.

VALUATION RESULTS

The 2020-2024 Experience Study was presented to the Board in February 2025 and the recommended assumptions and methods were adopted by the Board at their June meeting. This study made various changes to the economic and demographic assumptions as well as some actuarial methods. In May, the Society of Actuaries issued a new public plan mortality table, Pub-2016, which will be reviewed for possible adoption for the 2026 valuation. The INPRS investment staff is working on an Asset-Liability study, that once completed may lead to proposed revised economic assumptions, particularly if there are significant changes to the investment portfolio.

HEA 1221-2025 was passed, specifying funding the Supplemental Retirement Account at a level that could provide for a combination of annual inflation-indexed 13th checks for retirements before July 1, 2029 and an annual 1% COLA for retirements thereafter, although such benefits have not been provided. Previously the date for switching from 13th checks to the COLA was July 1, 2025 The 0.1% capped increase on the surcharge rate, along with not allowing the surcharge rate to decrease, was extended through December 31, 2031 (previously December 31, 2029).

The actuarial valuation results provide a "snapshot" view of the plan's financial condition on June 30, 2025. The plan's UAAL increased from $31.5 million last year to $40.7 million this year and the funded ratio decreased from 86% to 84%. The primary factor behind the decrease in the funded ratio were the significant pay increases provided to active members beyond what was expected.

A summary of the key results from the June 30, 2025 actuarial valuation compared to the June 30, 2024 valuation is shown in the following table.

SECTION I – BOARD SUMMARY

Valuation Results	June 30, 2024	June 30, 2025
Unfunded Actuarial Accrued Liability	$ 31,516,762	$ 40,667,783
Funded Ratio (Actuarial Assets)	86.36%	84.17%
Normal Cost	13.17%	15.03%
UAAL Amortization	3.27%	4.55%
Recommended Contribution	16.44%	19.58%
Estimated Member Contributions	(4.00%)	(4.00%)
Actuarially Determined Contribution Rate	12.44%	15.58%
Actuarially Determined Surcharge Rate	3.29%	3.82%
Surcharge Rate Subject to Legal Constraints	1.20%	1.30%
Approved Employer Funding Rate	17.90%	17.90%

Further detail on the valuation results can be found in the following sections of this Board Summary, including discussion regarding the change in the plan's assets, liabilities, and actuarial determined contribution rate between June 30, 2024 and June 30, 2025.

ASSETS

As of June 30, 2025, the plan had net assets of $217.4 million when measured on a market value basis. This was an increase of $24.1 million from the prior year.

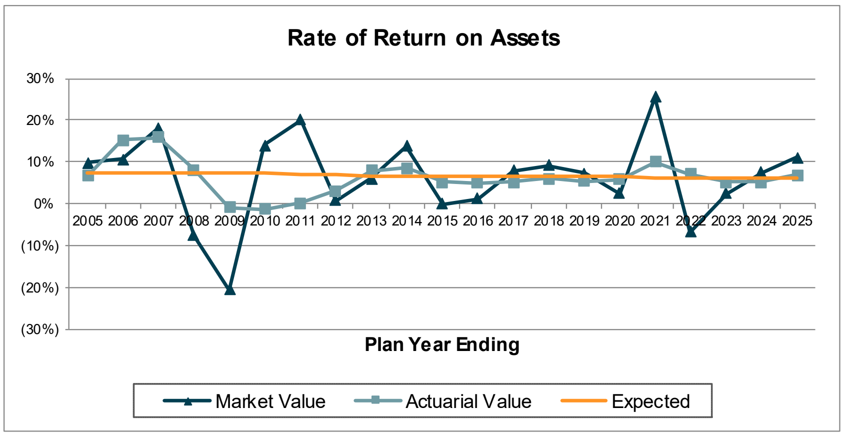
The market value of assets is not used directly in the calculation of the unfunded actuarial accrued liability and the actuarially determined contribution rate. An asset valuation method, which smoothes the effect of market fluctuations, is applied to determine the value of assets used in the valuation. The resulting amount is called the actuarial value of assets. In this year's valuation, the actuarial value of assets is $216.2 million, an increase of $16.6 million from the prior year.

The components of change in the asset values are shown in the following table:

	Market Value		Actuarial Value	
Net Assets, June 30, 2024	$	193,324,510	$	199,605,285
- Employer and Member Contributions	+	12,022,622	+	12,022,622
- Benefit Payments and Refunds	-	9,280,109	-	9,280,109
- Net Investment Income	+	21,341,592	+	13,830,852
Net Assets, June 30, 2025	$	217,408,615	$	216,178,650
Estimated Rate of Return, Net of Expenses		11.0%		6.9%

SECTION I – BOARD SUMMARY

The estimated rate of return on the actuarial value of assets 6.9%, which was greater than the 6.25% investment return assumption applicable for the year ended June 30, 2025. As a result, there was an experience gain on assets of $1.3 million. The FY 2025 return on the market value of assets of 11.0% resulted in a change of the net deferred investment experience from a net deferred loss of $6.3 million in last year's valuation to a net deferred gain of $1.2 million in the current valuation. See Tables 1 through 4 of this report for detailed information on the market and actuarial value of assets.



The rate of return of the actuarial value of assets has been less volatile than the market value return, illustrating the benefits of using an asset smoothing method. The smoothed actuarial value of plan assets has led to relatively steady actuarial valuation results over the last few years, even with a large gains and losses.

LIABILITIES

The actuarial accrued liability is that portion of the present value of future benefits that is allocated to past service. The remaining portion will be paid by future normal costs. The difference between this liability and the actuarial value of assets as of the valuation date is called the unfunded actuarial accrued liability (UAAL). The dollar amount of unfunded actuarial accrued liability is reduced if the contributions to the plan exceed the normal cost for the year plus interest on the prior year's UAAL.

The unfunded actuarial accrued liability, including expected future COLAs, on both a market value and actuarial value of assets basis is shown as of June 30, 2025 in the following table:

	Market Value	Actuarial Value
Actuarial Accrued Liability	$ 256,846,433	$ 256,846,433
Value of Assets	217,408,615	216,178,650
Unfunded Actuarial Accrued Liability	$ 39,437,818	$ 40,667,783
Funded Ratio	84.65%	84.17%

See Table 5 of this report for the development of the unfunded actuarial accrued liability.

SECTION I – BOARD SUMMARY

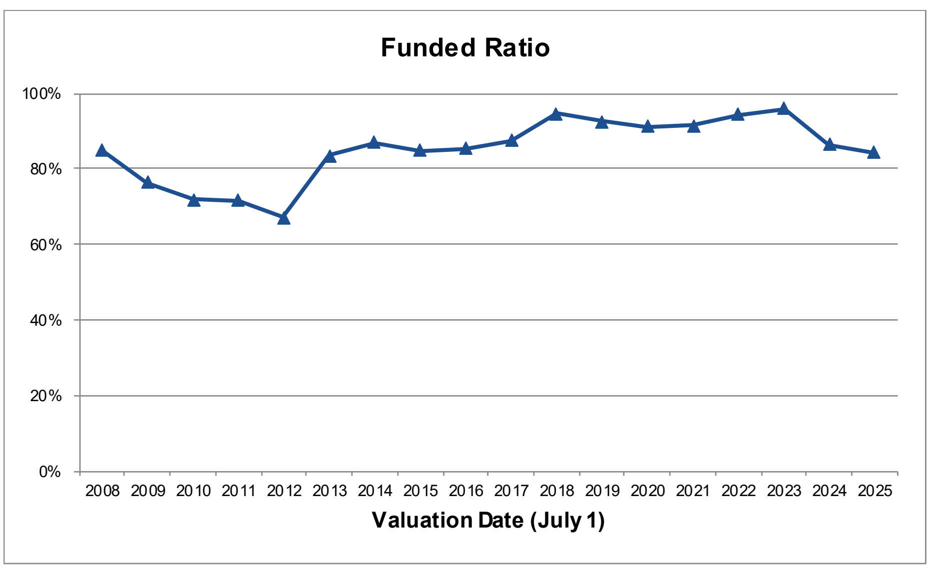
The total plan UAAL (on an actuarial basis) as of June 30, 2025 was $40.7 million, a $9.2 million increase from the $31.5 million total UAAL last year. Factors in this increase included the actuarial loss of liabilities ($12.4 million), primarily due to salaries increasing more than expected. These increases were offset by approximately $2.9 million of contributions in excess of those actuarially required. The components of the change in the UAAL are quantified in Table 7 of this report. See Table 8 and Table 9 of this report for a breakdown of the components of experience gains/losses for greater detail on the base plan benefits.

An evaluation of the UAAL on a pure dollar basis may not provide a complete analysis since only the difference between the assets and liabilities (which are both large numbers) is reflected. Another way to evaluate the UAAL and the progress made in its funding is to track the funded ratio, the ratio of the actuarial value of assets to the actuarial accrued liability. The funded status information, which is based on the actuarial value of assets, is shown below (in millions).

	6/30/2021	6/30/2022	6/30/2023	6/30/2024	6/30/2025
Funded Ratio	91.3%	94.4%	95.8%	86.4%	84.2%
UAAL (in millions)	$15.7	$10.5	$8.2	$31.5	$40.7

Note that the funded ratio does not indicate whether or not the plan assets are sufficient to settle benefits earned to date. The funded ratio, by itself, also may not be indicative of future funding requirements. In addition, if the funded ratios were shown using the market value of assets, the results would differ.

As the following graph shows, the EG&C Plan generally made progress towards a fully funded level, especially since 2012. With significant pay increases that were reflected in the 2024 and 2025 valuations, the funded ratio declined, but is expected to move toward 100% over time based on the current contribution rates and funding policy.



ACTUARIALLY DETERMINED CONTRIBUTION RATE

The Plan's actuarially determined contribution rate (ADC) consists of two components:

- A "normal cost" for the portion of projected liabilities allocated by the actuarial cost method to service of members during the year following the valuation date.
- An "unfunded actuarial accrued liability contribution" for the excess of the portion of projected liabilities allocated to service to date over the actuarial value of assets.

The UAAL contribution rate is determined by calculating the amortization payment on the UAAL as a level dollar amount over 20 years for each new amortization base. If the Fund's funded ratio exceeds 100% on a combined basis (base benefits plus SRA benefits), all prior amortization bases are eliminated and the negative UAAL (or "surplus") is amortized over an open 30-year period, as an offset to other Fund costs.

As a result of HEA 1004-2024, the SRA benefits outlined in the legislation must now be funded. Specifically, the new law calls for funding an indexed 13th check for those retiring before July 1, 2029 and a 1% COLA for those retiring after June 30, 2029. Since the method for funding is not prescribed, the Board has decided to use a funding method that parallels the base benefit funding method.

The total employer rate is the sum of the contributions to fund the base benefits plus the surcharge. The rate set for funding the benefits is equal to the greater of the current employer contribution rate or the ADC calculated as described above. Once the plan reaches 95% funded, the employer contribution rate will be decreased by 25% of the difference between the existing rate and the ADC until the plan reaches 110% funded status. When the plan reaches 110% funded status, the employer contribution rate will be decreased to equal the ADC. The Board could decide, however, to set the rate higher in order to provide a sufficient surcharge for the COLA funding while preserving the base funding, subject to constraints in HEA 1004-2024.

See Table 13 of this report for the detailed development of the contribution rates which are summarized in the following table:

Contribution Rate	June 30, 2024	June 30, 2025
Normal Cost	13.17%	15.03%
UAAL Amortization	3.27%	4.55%
Recommended Contribution	16.44%	19.58%
Estimated Member Contributions	(4.00%)	(4.00%)
Actuarially Determined Contribution Rate	12.44%	15.58%
Actuarially Determined Surcharge Rate	3.29%	3.82%
Surcharge Rate Subject to Legal Constraints	1.20%	1.30%
Approved Employer Funding Rate	17.90%	17.90%

SECTION I – BOARD SUMMARY

The actuarially determined contribution, determined this year based on the snapshot of the plan taken on the valuation date of June 30, 2025, will change each year as the deferred investment experience is recognized and other experience (both investment and demographic) impacts the plan. The actuarially determined rate for the base plan benefits and the surcharge rate remains well below the Board-approved employer funding rate.

The June 30, 2025 actuarially determined contribution rate increased to 15.58% for the base benefits and 1.30% for the supplemental benefits, with the remaining surcharge contributions typically coming from the lottery proceeds as needed. These rates will be applicable for the 2027 calendar year.

SECTION I – BOARD SUMMARY

SUMMARY OF PRINCIPAL RESULTS

	June 30, 2023	June 30, 2024	June 30, 2025
MEMBERSHIP			
Active Members	418	434	455
Active Members in DROP	13	13	7
Retired Members and Beneficiaries	272	280	284
Disabled Members	3	3	3
Inactive Members	155	158	156
Total Members	861	888	905
Covered Payroll for Fiscal Year Ending	$ 34,597,396	$ 48,575,685	$ 50,578,247
Annual Retirement Payments for Retired Members, Disabled Members and Beneficiaries	$ 8,010,399	$ 8,232,909	$ 8,563,951
ASSETS AND LIABILITIES			
Net Assets			
Market Value of Assets (MVA)	$ 176,899,964	$ 193,324,510	$ 217,408,615
Actuarial Value of Assets (AVA)	186,652,724	199,605,285	216,178,650
Actuarial Accrued Liability (AAL)	194,827,168	231,122,047	256,846,433
Unfunded Actuarial Accrued Liability (UAAL):			
AAL - AVA	$ 8,174,444	$ 31,516,762	$ 40,667,783
Funded Ratios			
AVA / AAL	95.80%	86.36%	84.17%
MVA / AAL	90.80%	83.65%	84.65%
CONTRIBUTIONS			
Normal Cost Rate	13.12%	13.17%	15.03%
UAAL Rate	0.19%	3.27%	4.55%
Total Recommended Contribution Rate	13.31%	16.44%	19.58%
Expected Employee Contribution Rate	(4.00%)	(4.00%)	(4.00%)
Actuarially Determined Contribution Rate	9.31%	12.44%	15.58%
Actuarially Determined Surcharge Rate [1]	0.00%	1.20%	1.30%

[1] Rate for the 2023 valuation is applicable to next calendar year. Rate for the 2025 calendar year is 1.10%, rate shown for the 2024 valuation is applicable to the 2026 calendar year, and rate shown for the 2025 valuation is applicable to the 2027 calendar year.

Note: Liability and funded ratio results include both the base benefits benefit and the supplemental benefits.

Section II – Scope of the Report

This report presents the actuarial valuation results of the Excise, Gaming and Conservation Officers' Retirement Fund as of June 30, 2025. This valuation was prepared at the request of the Indiana Public Retirement System.

Please pay particular attention to our actuarial certification letter, where the guidelines employed in the preparation of this report are outlined. We also comment on the sources and reliability of both the data and the actuarial assumptions upon which our findings are based. Those comments are the basis for our certification that this report is complete and accurate to the best of our knowledge and belief.

A summary of the findings which result from this valuation is presented in the previous section. Section 3 describes the assets and investment experience of the plan. Sections 4 and 5 describe how the obligations of the plan are to be met under the actuarial cost method in use. Section 6 provides information required by the Governmental Accounting Standards Board (GASB) for reporting and disclosure under GASB 67 and GASB 68.

This report includes several appendices:

- Appendix A — Schedules of valuation data classified by various categories of members.
- Appendix B — A summary of the current benefit structure, as determined by the provisions of governing law on June 30, 2025.
- Appendix C — A summary of the actuarial methods and assumptions used to estimate liabilities and determine contribution rates.
- Appendix D — A glossary of actuarial terms.

SECTION III - ASSETS

In many respects, an actuarial valuation can be thought of as an inventory process. The inventory is taken as of the actuarial valuation date, which for this valuation is June 30, 2025. On that date, the assets available for the payment of benefits are appraised. The assets are compared with the liabilities of the plan, which are generally in excess of assets. The actuarial process then leads to a method of determining the contributions needed by members and the employer in the future to balance the plan assets and liabilities.

Market Value of Assets

The current market value represents the "snapshot" or "cash-out" value of plan assets as of the valuation date. In addition, the market value of assets provides a basis for measuring investment performance from time to time.

Table 1 summarizes the changes in the market value of assets for the last two years for the base benefits, whereas Table 2 shows the changes for the supplemental benefit reserve account. Table 15 (in the GASB section) provides detail regarding the allocation of investments in the trust.

Actuarial Value of Assets

The market value of assets, representing a "cash-out" value of plan assets, may not be the best measure of the plan's ongoing ability to meet its obligations. To arrive at a suitable value of assets for the actuarial valuation, a technique for determining the actuarial value of assets is used which dampens swings in the market value while still indirectly recognizing market values. Under the asset smoothing methodology, the difference between the actual and assumed investment return on the market value of assets is recognized evenly over a five-year period.

Table 3 shows the development of the actuarial value of assets (AVA) as of the valuation date for the base benefits and Table 4 shows the information for the supplemental benefit.

TABLE 1

DEVELOPMENT OF MARKET VALUE OF ASSETS
(Base Benefits)

	June 30, 2024	June 30, 2025
1. Market Value of Assets, Beginning of Year	$ 175,525,270	$ 191,408,095
2. Receipts		
a. Member (Includes Purchased Service) [1]	$ 1,965,166	$ 2,067,379
b. Employer	9,591,741	9,297,489
c. Member Reassignment Transfers	97,066	128,291
d. Miscellaneous	0	0
e. Total	$ 11,653,973	$ 11,493,159
3. Expenditures		
a. Benefit Payments	$ 8,751,784	$ 9,042,226
b. Refund of Contributions	134,484	53,622
c. Member Reassignments	0	0
d. Administrative Expense	120,616	140,219
e. Miscellaneous	0	0
f. Total	$ 9,006,884	$ 9,236,067
4. Investment Return		
a. Investment Income	$ 13,226,235	$ 21,224,907
b. Securities Lending Income	9,501	18,279
c. Total Investment Return	$ 13,235,736	$ 21,243,186
5. Market Value of Assets, End of Year: (1) + (2e) - (3f) + (4c)	$ 191,408,095	$ 214,908,373
6. Estimated Rate of Return, Net of Expenses [2]	7.41%	10.96%

[1] Includes $27,955 of member service purchases during fiscal year 2024 and $44,247 of member service purchases during fiscal year 2025.

[2] Based on individual fund experience. Assumes cash flows occur at mid-year.

TABLE 2

DEVELOPMENT OF MARKET VALUE OF ASSETS
(Supplemental Benefits)

	June 30, 2024	June 30, 2025
1. Market Value of Assets, Beginning of Year	$ 1,374,694	$ 1,916,415
2. Receipts		
a. Employer Surcharge	$ 485,734	$ 529,463
b. Lottery Allocation	0	0
c. Non-Employer Entity Contributions	0	0
d. Miscellaneous	0	0
e. Total	$ 485,734	$ 529,463
3. Expenditures		
a. Benefit Payments	$ 75,224	$ 184,261
b. Administrative Expense	0	0
c. Miscellaneous Expenditures	0	0
d. Total	$ 75,224	$ 184,261
4. Investment Return		
a. Investment Income	$ 131,123	$ 238,414
b. Securities Lending Income	88	211
c. Total Investment Return	$ 131,211	$ 238,625
5. Market Value of Assets, End of Year: (1) + (2e) - (3d) + (4c)	$ 1,916,415	$ 2,500,242
6. Rate of Return on Market Value of Assets, Net of Expenses [1]	8.30%	11.42%

[1] Based on individual fund experience. Assumes cash flows occur at mid-year.

TABLE 3

DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS
(Base Benefits)

		For the Year Ending June 30, 2025
1. Market Value as of June 30, 2024	$	191,408,095
2. Receipts	$	11,493,159
3. Expenditures, Net of Administrative Expenses	$	(9,095,848)
4. Expected Return on Assets [1]	$	12,037,922
5. Expected Market Value as of June 30, 2025: (1) + (2) + (3) + (4)	$	205,843,328
6. Actual Market Value as of June 30, 2025	$	214,908,373
7. Year End 2025 Asset Gain/(Loss): (6) - (5)	$	9,065,045

8. Deferred Investment Gains and Losses

	Year Ended June 30:		Gain/(Loss)	Factor		Deferred Amount
a.	2022	$	(23,686,671)	20%	$	(4,737,334)
b.	2023		(6,450,389)	40%		(2,580,156)
c.	2024		2,058,300	60%		1,234,980
d.	2025		9,065,045	80%		7,252,036
e.	Total				$	1,169,526

9. Initial Actuarial Value as of June 30, 2025: (6) - (8e)	$	213,738,847
10. Constraining Values		
a. 80% of Market Value: (6) x 0.8	$	171,926,698
b. 120% of Market Value: (6) x 1.2	$	257,890,048
11. Actuarial Value as of June 30, 2025	$	213,738,847
12. Actuarial Rate of Return, Net of Expenses [2]		6.89%
13. Actuarial Value of Assets as a Percent of Market Value: (11) / (6)		99.5%
14. Actuarial Value of Assets		
a. Base Benefits	$	213,738,847
b. Supplemental Benefits	$	2,439,803
c. Total	$	216,178,650

[1] Assumes cash flows occur at mid-year and a discount rate of 6.25%.
[2] Assumes cash flows occur at mid-year.

TABLE 4

DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS
(Supplemental Benefits)

			For Plan Year Ending June 30, 2025
1. Market Value, as of June 30, 2024		$	1,916,415
2. Receipts		$	529,463
3. Expenditures, Net of Administrative Expenses		$	(184,261)
4. Expected Return on Assets [1]		$	130,564
5. Expected Market Value as of June 30, 2025:	(1) + (2) + (3) + (4)	$	2,392,181
6. Actual Market Value as of June 30, 2025		$	2,500,242
7. Year end 2025 asset gain/(loss):	(6) - (5)	$	108,061

8. Deferred Investment Gains and Losses

	Year Ended June 30:		Gain/(Loss)	Factor		Deferred Amount
a.	2022	$	(148,698)	20%	$	(29,740)
b.	2023		(39,369)	40%		(15,748)
c.	2024		32,464	60%		19,478
d.	2025		108,061	80%		86,449
e.	Total				$	60,439

9. Initial Actuarial Value as of June 30, 2025:	(6) - (8e)	$	2,439,803
10. Constraining Values			
a. 80% of Market Value:	(6) x 0.8	$	2,000,194
b. 120% of Market Value:	(6) x 1.2	$	3,000,290
11. Actuarial Value as of June 30, 2025		$	2,439,803
12. Actuarial Rate of Return, Net of Expenses [2]			6.51%
13. Actuarial Value of Assets as a Percent of Market Value:	(11) / (6)		97.6%

[1] Assumes cash flows occur at mid-year and a return assumption of 6.25%.
[2] Assumes cash flows occur at mid-year.

In the previous section, an actuarial valuation was compared with an inventory process, and an analysis was given of the inventory of assets of the Excise, Gaming and Conservation Officers' Retirement Fund as of the valuation date, June 30, 2025. In this section, the discussion will focus on the commitments (future benefit payments) of the plan, which are referred to as its liabilities.

The liability calculations for the June 30, 2025 Excise, Gaming and Conservation Officers' Retirement Fund valuation are based on census data collected as of June 30, 2024. Standard actuarial techniques are used to adjust these results from June 30, 2024 to June 30, 2025. While these roll-forward techniques are based on all actuarial assumptions being met during the intervening year, there will, of course, be many of the assumptions that will not be met exactly. In general, this does not materially affect the resulting calculations or conclusions in this report. Should there be a year in which events, such as plan changes, occur that would affect the results, adjustments in the roll-forward methods would be made to appropriately reflect the events. The June 30, 2025 valuation reflects such an adjustment, as detailed in Appendix C.

All liabilities reflect the benefit provisions and actuarial assumptions in place as of June 30, 2025.

Actuarial Accrued Liability

A fundamental principle in financing the liabilities of a retirement program is that the cost of its benefits should be related to the period in which benefits are earned, rather than to the period of benefit distribution. An actuarial cost method is a mathematical technique that allocates the present value of future benefits into annual costs. In order to do this allocation, it is necessary for the funding method to "breakdown" the present value of future benefits into two components:

(1) that which is attributable to the past and

(2) that which is attributable to the future.

Actuarial terminology calls the part attributable to the past the "past service liability" or the "actuarial accrued liability." The portion allocated to the future is known as the present value of future normal costs, with the specific piece of it allocated to the current year being called the "normal cost."

Table 5 contains the calculation of actuarial accrued liability for the Plan under the Entry Age Normal actuarial cost. This amount is split between the base benefit and the supplemental plan. Granted supplemental benefits are the present value of legislated benefits, whereas future supplemental benefits represent those assumed to occur based on the Plan's COLA assumption.

Low-Default-Risk Obligation Measure

Under the revised Actuarial Standards of Practice (ASOP) No. 4 effective for valuations after February 15, 2023, we are required to include a low-default-risk obligation measure of the System's liability in our funding valuation report. This is an informational disclosure as described below and would not be appropriate for assessing the funding progress or health of the plan. This measure uses the unit credit cost method and reflects all the assumptions and provisions of the funding valuation (including the assumed COLA paid from the SRA), except that the discount rate is derived from considering low-default-risk fixed income securities. We considered the FTSE

Pension Discount Curve based on market bond rates published by the Society of Actuaries as of June 30, 2025 and with the 30-year spot rate used for all durations beyond 30 because this provides an appropriate set of discount rates for this intended purpose. Using these assumptions, we calculate a liability of approximately $240,879,000. This amount approximates the termination liability if the plan (or all covered employment) ended on the valuation date and all of the accrued benefits had to be paid with cash-flow matched bonds. If the plan were funded with the intent of being able to be terminated at any valuation date, contribution requirements may need to increase and would also be more volatile. This assurance of funded status and benefit security is typically more relevant for corporate plans than for governmental plans since governments rarely have the need or option to completely terminate a plan. However, this informational disclosure is required for all plans whether corporate or governmental and care should be taken to ensure the one size fits all metric is not misconstrued.

TABLE 5

ACTUARIAL ACCRUED LIABILITY
(Base and Supplemental Benefits)

		Supplemental Benefits		
As of June 30, 2025	**Base Benefits**	***Granted***	***Future***	**Total**
1. Actuarial Accrued Liability				
a. Member Contribution Balances	$ 19,167,279	$ 0	$ 0	$ 19,167,279
b. Active & Inactive Members	134,887,113	0	14,387,538	149,274,651
c. In-pay Members	86,479,117	797,328	1,128,058	88,404,503
d. Total	$ 240,533,509	$ 797,328	$ 15,515,596	$ 256,846,433
2. Actuarial Value of Assets	$ 213,738,847	$ 797,328	$ 1,642,475	$ 216,178,650
3. Unfunded Actuarial Accrued Liability: (1d) - (2)	$ 26,794,662	$ 0	$ 13,873,121	$ 40,667,783
4. Funded Ratio: (2) / (1d)	88.9%	100.0%	10.6%	84.2%

TABLE 6

COMBINED BASE AND SUPPLEMENTAL PLANS: SOLVENCY TEST

(Base and Supplemental Benefits)

	Actuarial Accrued Liabilities (AAL)					Portion of AAL Covered by Assets			
Actuarial Valuation as of June 30	Active Member Contributions	Retirees and Beneficiaries	Active Member (Employer Financed Portion)	Total Actuarial Accrued Liabilities	Actuarial Value of Assets	Active Member Contributions	Retirees and Beneficiaries	Active Member (Employer Financed Portion)	Total Actuarial Accrued Liabilities
2025	$19,167	$88,405	$149,274	$256,846	$216,179	100.0%	100.0%	72.8%	84.2%
2024	17,103	85,441	128,578	231,122	199,605	100.0	100.0	75.5	86.4
2023	15,292	85,870	93,665	194,827	186,653	100.0	100.0	91.3	95.8
2022	14,100	79,628	93,777	187,505	177,045	100.0	100.0	88.8	94.4
2021	13,729	74,412	92,707	180,848	165,179	100.0	100.0	83.1	91.3
2020	12,927	70,363	80,688	163,978	149,359	100.0	100.0	81.9	91.1
2019	11,661	68,652	71,894	152,207	140,559	100.0	100.0	83.8	92.3
2018	10,715	68,750	60,591	140,056	132,441	100.0	100.0	87.4	94.6
2017	9,737	69,217	63,649	142,603	124,531	100.0	100.0	71.6	87.3
2016	9,085	67,424	62,456	138,965	118,515	100.0	100.0	67.3	85.3

Note: Dollar amounts are in thousands of dollars.

TABLE 7

RECONCILIATION OF UNFUNDED ACTUARIAL ACCRUED LIABILITY
(Base and Supplemental Benefits)

	For Plan Year Ending June 30, 2025	
	Base	Base and Supplemental
1. Unfunded Actuarial Accrued Liability (UAAL) as of June 30, 2024	$ 19,194,956	$ 31,516,762
2. Normal Cost	6,566,949	7,175,277
3. Actuarially Determined Contribution	(8,199,079)	(8,797,434)
4. Interest	1,097,677	1,868,413
5. Expected Unfunded Actuarial Accrued Liability as of June 30, 2025	$ 18,660,503	$ 31,763,018
6. Actuarial Value of Asset Changes		
a. Investment Experience (Gain)/Loss	$ (1,264,250)	$ (1,269,818)
b. Contributions (Above)/Below the Actuarially Determined Contribution and Other (Gain)/Loss	$ (2,962,870)	$ (2,873,126)
7. Actuarial Accrued Liability Changes		
a. Actuarial Accrued Liability Experience (Gain)/Loss	$ 12,494,841	$ 13,315,270
b. Additional Liability Due to Benefit Changes	0	(1,789,448)
c. Additional Liability Due to Assumption Changes	(133,562)	1,521,887
8. Total Experience (Gain)/Loss	$ 8,134,159	$ 8,904,765
9. Unfunded Actuarial Accrued Liability as of June 30, 2025: (5) + (8)	$ 26,794,662	$ 40,667,783

TABLE 8

ACTUARIAL GAIN/(LOSS)
(Base and Supplemental Benefits)

Liabilities		Base		Base and Supplemental
1. Actuarial Accrued Liability as of June 30, 2024	$	216,844,245	$	231,122,047
2. Normal Cost for Plan Year Ending June 30, 2025		6,566,949		7,175,277
3. Benefit Payments During Plan Year[1]		(9,095,848)		(9,280,109)
4. Service Purchases (employee and employer)		44,247		44,247
5. Member Reassignment Transfers		128,291		128,291
6. Interest at 6.25%		13,684,346		14,608,971
7. Change Due to Benefit Changes		0		(1,789,448)
8. Change Due to Assumption Changes		(133,562)		1,521,887
9. Expected Actuarial Accrued Liability as of June 30, 2025	$	228,038,668	$	243,531,163
10. Actuarial Accrued Liability as of June 30, 2025	$	240,533,509	$	256,846,433
Assets				
11. Actuarial Value of Assets as of June 30, 2024	$	197,649,289	$	199,605,285
12. Receipts During Plan Year		11,493,159		12,022,622
13. Expenditures, Excluding Expenses, During Plan Year		(9,095,848)		(9,280,109)
14. Interest at 6.25%		12,427,997		12,561,034
15. Expected Actuarial Value of Assets as of June 30, 2025	$	212,474,597	$	214,908,832
16. Actuarial Value of Assets as of June 30, 2025	$	213,738,847	$	216,178,650
Experience Gain / (Loss)				
17. Liability Actuarial Experience Gain/(Loss): (9) - (8)	$	(12,494,841)	$	(13,315,270)
18. Asset Actuarial Experience Gain/(Loss): (16) - (15)		1,264,250		1,269,818
19. Total Actuarial Experience Gain/(Loss): (17) + (18)	$	(11,230,591)	$	(12,045,452)

[1] Does not include miscellaneous expenses or benefit overpayments.

TABLE 9

EXPERIENCE GAIN/(LOSS) ANALYSIS BY SOURCE
(Base Benefits)

Liability Sources (in thousands)		**Gain/(Loss)***
Retirement	$	(447)
Termination		(119)
Disability		257
Mortality		(459)
Salary		(12,367)
New Entrants/Rehires		(204)
Miscellaneous		844
Total Liability Experience Gain/(Loss)	$	(12,495)
as a % of AAL		(5.2%)
Asset Experience Gain/(Loss)	$	1,264
Total Actuarial Experience Gain/(Loss)	$	(11,231)

*Numbers may not add due to rounding.

TABLE 10

PROJECTED BENEFIT PAYMENTS
(Base and Supplemental Benefits)

Plan Year Ending June 30	Benefit Amount
2026	$ 11,157,795
2027	10,559,828
2028	10,889,718
2029	11,223,969
2030	14,621,321
2031	14,702,582
2032	15,092,438
2033	16,436,007
2034	17,601,553
2035	18,592,022
2036	19,845,624
2037	22,367,799
2038	24,625,149
2039	25,939,795
2040	25,321,091
2041	26,020,412
2042	25,688,361
2043	26,155,053
2044	26,696,267
2045	26,806,691
2046	27,401,919
2047	27,726,131
2048	28,005,322
2049	28,358,126
2050	28,139,540
2051	28,343,557
2052	27,858,963
2053	28,639,498
2054	28,889,077
2055	28,505,905

Note: Payouts reflect nominal payouts for current members, assuming that all future assumptions are met.

SECTION V – EMPLOYER CONTRIBUTIONS

The previous two sections were devoted to a discussion of the assets and liabilities of the plan. We now turn to considering how the benefits will be funded. The method used to determine the incidence of the contributions in various years is called the actuarial cost method. Under an actuarial cost method, the contributions required to meet the difference between current assets and current liabilities are allocated each year between two elements: (1) the normal cost rate and (2) the unfunded actuarial accrued liability contribution rate.

The term "fully funded" is often applied to a plan in which contributions at the normal cost rate are sufficient to pay for the benefits of existing employees as well as for those of new employees. More often than not, plans are not fully funded, either because of past benefit improvements that have not been completely funded, contribution levels, or because of actuarial deficiencies that have occurred because experience has not been as favorable as anticipated by the actuarial assumptions. Under these circumstances, an unfunded actuarial accrued liability (UAAL) exists. Likewise, when the actuarial value of assets is greater than the actuarial accrued liability, a surplus exists.

Description of Contribution Rate Components

The Entry Age Normal (EAN) actuarial cost method is used for the valuation. Under that method, the normal cost for each year from entry age to assumed exit age is a constant percentage of the member's year by year projected compensation. The portion of the present value of future benefits not provided by the present value of future normal costs is the actuarial accrued liability. The unfunded actuarial accrued liability/(surplus) represents the difference between the actuarial accrued liability and the actuarial value of assets as of the valuation date. For EG&C purposes, this calculation excludes consideration of future COLAs. The unfunded actuarial accrued liability is calculated each year and reflects experience gains and losses. New amortization bases are funded over 20 years using a level dollar payment approach. Each year, the plan receives normal cost-based contributions on DROP pay, which are accounted for as an offset to the amortization payment.

Funding for future COLAs is provided by using a surcharge. This rate is calculated using the same methodology as the base benefits, except that the rate must adhere to HEA 1221-2025, which limits the rate to a 0.1% increase over the prior year’s surcharge rate and does not allow a decrease through December 31, 2031.

The contribution rate based on the June 30, 2025 actuarial valuation will be used to calculate the actuarially determined employer contribution rate to the Excise, Gaming and Conservation Officers’ Retirement Fund for the 2027 calendar year for both the base and supplemental benefits. In general, contributions are computed in accordance with a stable percent-of-payroll funding objective.

The methodology of developing the contribution rate is designed to fund the benefits over a reasonable period with a stable contribution pattern. The current UAAL for the base benefits will be funded over the next 20 years, although the funding policy is likely to result in this being accomplished sooner. The COLA benefits are funded in a similar manner, beginning with the June 30, 2024 valuation in accordance with HEA 1004-2024 and updated this year for HEA 1221-2025. The contribution rate shown in Table 14 under the current assumptions reflects a rate that could fund both the base benefits and COLAs in a reasonable manner.

SECTION V – EMPLOYER CONTRIBUTIONS

Contribution Rate Summary

In Table 11 the amortization payment related to the unfunded actuarial accrued liability/(surplus), as of June 30, 2025, is developed. The surcharge needed to fund the assumed COLAs is developed in Table 12. Table 13 develops the actuarially determined contribution rate for the Plan. The contribution rates shown in this report are based on the actuarial assumptions and cost methods described in Appendix C. Additionally, in Table 14 the contribution amounts under alternative discount rates are provided to illustrate the sensitivity of the contribution requirements relative to the selection of the investment return assumption.

TABLE 11

SCHEDULE OF AMORTIZATION BASES
(Base Benefits)

Amortization Bases	Original Amount [1]	June 30, 2025 Remaining Payments	Date of Last Payment	Outstanding Balance as of June 30, 2025	Annual Contribution
2009 UAAL Base	12,159,924	12	7/1/2037	7,818,455	889,775
2010 UAAL Base	3,839,282	15	7/1/2040	2,774,264	273,252
2011 UAAL Base	1,009,127	16	7/1/2041	757,034	71,719
2012 UAAL Base	5,037,093	17	7/1/2042	3,909,047	357,492
2013 UAAL Base	(1,646,934)	18	7/1/2043	(1,318,030)	(116,728)
2014 UAAL Base	(3,141,667)	19	7/1/2044	(2,585,644)	(222,379)
2015 UAAL Base	4,288,938	20	7/1/2045	3,621,219	303,202
2016 UAAL Base	782,014	11	7/1/2036	545,871	65,977
2017 UAAL Base	(1,969,636)	12	7/1/2037	(1,457,822)	(165,907)
2018 UAAL Base	(15,408,361)	13	7/1/2038	(12,012,714)	(1,295,853)
2019 UAAL Base	3,147,264	14	7/1/2039	2,570,127	264,285
2020 UAAL Base	2,836,128	15	7/1/2040	2,414,403	237,807
2021 UAAL Base	129,618	16	7/1/2041	114,557	10,853
2022 UAAL Base	(5,351,413)	17	7/1/2042	(4,899,477)	(448,070)
2023 UAAL Base	(1,889,898)	18	7/1/2043	(1,786,750)	(158,240)
2024 UAAL Base	18,690,557	19	7/1/2044	18,195,963	1,564,945
2025 UAAL Base	8,134,159	20	7/1/2045	8,134,159	681,067
Total				$ 26,794,662	$ 2,313,197

Estimated DROP Contributions	$ 868,176
a. Projected DROP Payroll for Calendar Year 2027	930,229
b. Normal Cost Rate	15.03%
c. Offset for Contributions on DROP Payroll: (a) x (b)	139,813
1. Total UAAL Amortization Payments	$ 2,313,197
a. Projected to Middle of Calendar Year 2027	2,611,383
b. Offset for Employer Contributions on DROP Payroll	139,813
c. UAAL Amortization Amount: (1a) - (1b)	2,471,570
2. Projected Payroll for Calendar Year 2027	$ 54,325,309
3. UAAL Amortization Payment Rate for Calendar Year 2027	4.55%

TABLE 12

SCHEDULE OF AMORTIZATION BASES
(Supplemental Benefits)

Amortization Bases	Original Amount	June 30, 2025 Remaining Payments	Date of Last Payment	Outstanding Balance as of June 30, 2025	Annual Contribution
2024 UAAL Base	12,321,806	19	7/1/2044	11,995,743	1,031,695
2025 UAAL Base	1,877,378	20	7/1/2045	1,877,378	157,191
Total				$ 13,873,121	$ 1,188,886

1. Total UAAL Amortization Payments	$ 1,188,886
Projected to Middle of Calendar Year 2027	1,342,141
2. Projected Payroll for Calendar Year 2027	$ 54,325,309
3. UAAL Amortization Payment Rate for Calendar Year 2027	2.47%

TABLE 13

ACTUARIALLY DETERMINED CONTRIBUTION RATE
(Base and Supplemental Benefits)

	Base Benefits	Supplemental Benefits	Total
1. Projected Payroll for Calendar Year 2027	$ 54,325,309	$ 54,325,309	
2. Normal Cost Rate	15.03%	1.35%	16.38%
3. Amortization of UAAL			
a. Dollar Amount	$ 2,471,570	$ 1,342,141	
b. Percent of Projected Pay	4.55%	2.47%	7.02%
4. Expected Employee Contribution Rate	(4.00%)		(4.00%)
5. Preliminary Actuarially Determined Contribution (ADC) Rate: (2) + (3b) + (4)	15.58%	3.82%	19.40%
6. Supplemental Benefit Surcharge Cap for Calendar Year 2027 (Not to exceed 0.1% over prior year through December 31, 2029)		1.30%	
7. ADC Rate for Calendar Year 2027, Subject to Legal Constraints	15.58%	1.30%	16.88%
8. Actuarially Determined Contribution Rate for FY 2026:			
a. July 1, 2025 - December 31, 2025	9.31%	1.20%	10.51%
b. January 1, 2026 - June 30, 2026	12.44%	1.30%	13.74%
c. Average	10.88%	1.25%	12.13%
9. Approved Board Policy Contribution Rate	16.65%	1.25%	17.90%

TABLE 14

INVESTMENT RETURN SENSITIVITY
(Base and Supplemental Benefits)

	1.00% Decrease: (5.25%)	0.75% Decrease: (5.50%)	0.50% Decrease: (5.75%)	0.25% Decrease: (6.00%)	Current Assumption: (6.25%)
Funded Status					
Actuarial Accrued Liability	293,868,356	$283,879,509	$274,400,889	$265,399,912	$256,846,433
Actuarial Value of Assets	216,178,650	216,178,650	216,178,650	216,178,650	216,178,650
Unfunded Actuarial Accrued Liability	$77,689,706	$67,700,859	$58,222,239	$49,221,262	$40,667,783
Funded Ratio	73.6%	76.2%	78.8%	81.5%	84.2%
Actuarially Determined Contribution Amount					
Normal Cost	$11,299,664	$10,631,463	$10,012,154	$9,436,306	$8,898,486
UAAL Amortization	6,672,243	5,947,564	5,229,997	4,518,912	3,813,710
Member Contributions	(2,173,012)	(2,173,012)	(2,173,012)	(2,173,012)	(2,173,012)
Actuarially Determined Contribution Amount	$15,798,895	$14,406,015	$13,069,139	$11,782,206	$10,539,184
Actuarially Determined Contribution Rate	29.08%	26.52%	24.06%	21.69%	19.40%

	0.25% Increase: (6.50%)	0.50% Increase: (6.75%)	0.75% Increase: (7.00%)	1.00% Increase: (7.25%)	1.25% Increase: (7.50%)
Funded Status					
Actuarial Accrued Liability	$248,712,543	$240,972,375	$233,601,943	$226,578,987	$219,882,827
Actuarial Value of Assets	216,178,650	216,178,650	216,178,650	216,178,650	216,178,650
Unfunded Actuarial Accrued Liability	$32,533,893	$24,793,725	$17,423,293	$10,400,337	$3,704,177
Funded Ratio	86.9%	89.7%	92.5%	95.4%	98.3%
Actuarially Determined Contribution Amount					
Normal Cost	$8,393,260	$7,926,063	$7,491,460	$7,084,020	$6,703,743
UAAL Amortization	3,113,847	2,418,801	1,728,089	1,041,260	$357,900
Member Contributions	(2,173,012)	(2,173,012)	(2,173,012)	(2,173,012)	($2,173,012)
Actuarially Determined Contribution Amount	$9,334,095	$8,171,852	$7,046,537	$5,952,268	$4,888,631
Actuarially Determined Contribution Rate	17.18%	15.04%	12.97%	10.96%	9.00%

Note that beginning of year normal cost for FY 2026 is $7,588,163 (Base Benefits) and $8,269,953 (Base and Supplemental Benefits).
Note: Comparisons are based on funding the COLA in the same method as the base benefit, rather than with a surcharge. Consequently, these results are for comparative purposes only and will not match the actual results under the funding policy.

GASB NO. 67 AND GASB NO. 68

The Governmental Accounting Standards Board issued Statement No. 67 (GASB 67), "Financial Reporting for Pension Plans" and Statement No. 68 (GASB 68), "Accounting and Financial Reporting for Pensions" in June 2012. The effective date for reporting under GASB 67 for the INPRS Plans was the fiscal year ending June 30, 2014. GASB 68's effective date for employers is the first fiscal year beginning after June 15, 2014.

The sections that follow provide the results of the required actuarial calculations set out in GASB 67 and GASB 68 for note disclosure and Required Supplementary Information (RSI). Some of this information was provided by the INPRS for use in this report.

The discount rate used for these disclosures is the assumed return on assets of 6.25%. We have verified that the current assets in conjunction with future contributions made on behalf of current members (including all contributions to fund any past service liability) will be sufficient to make the anticipated benefit payments to be provided to the current members.

To the best of our knowledge, the information contained in this report is complete and accurate. The calculations were performed by qualified actuaries according to generally accepted actuarial principles and practices, as well as in conformity with Actuarial Standards of Practice issued by the Actuarial Standards Board. The calculations are based on the current provisions of the plan, and on actuarial assumptions that are internally consistent and individually reasonable based on the actual experience of the plan. In addition, the calculations were completed in compliance with applicable law and, in our opinion, meet the requirements of GASB 67 and GASB 68.

TABLE 15

STATEMENT OF FIDUCIARY NET POSITION

			June 30, 2025
1. Assets			
a. Cash		$	0
b. Receivables			
i.	Contributions and Miscellaneous Receivables	$	2,756
ii.	Investments Receivable		4,385,585
iii.	Foreign Exchange Contracts Receivable		53,338,794
iv.	Interest and Dividends		632,805
v.	Receivables Due From Other Funds		0
vi.	Total Receivables	$	58,359,940
c. Investments			
i.	Short-Term Investments	$	0
ii.	Pooled Repurchase Agreements		23,822
iii.	Pooled Short-Term Investments		16,961,632
iv.	Pooled Fixed Income		60,554,439
v.	Pooled Equity		27,920,982
vi.	Pooled Alternative Investments		117,686,488
vii.	Pooled Derivatives		891,781
viii.	Pooled Investments		0
ix.	Securities Lending Collateral		2,236,306
x.	Total Investments	$	226,275,450
d. Net Capital Assets			0
e. Other Assets			0
f. Total Assets: a + b(vi) + c(x) + d + e		$	284,635,390
2. Liabilities			
a. Administrative Payable		$	2,976
b. Retirement Benefits Payable			35
c. Investments Payable			9,565,460
d. Foreign Exchange Contracts Payable			53,699,558
e. Securities Lending Obligations			2,236,306
f. Securities Sold Under Agreement to Repurchase			1,706,200
g. Due To Other Funds			16,240
h. Due to Other Governments			0
i. Total Liabilities: a + b + c + d + e + f + g + h		$	67,226,775
3. Fiduciary Net Position Restricted for Pensions: (1)(f) - (2)(i)		**$**	**217,408,615**

TABLE 16

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

			For Fiscal Year Ending June 30, 2025	
1. Fiduciary Net Position as of June 30, 2024			**$**	**193,324,510**
2. Additions				
a. Contributions				
	i.	Member Contributions	$	2,023,132
	ii.	Employer Contributions		9,826,952
	iii.	Service Purchases (Employer and Member) [I]		44,247
	iv.	Non-Employer Contributing Entity Contributions		0
	v.	Total Contributions	$	11,894,331
b. Investment Income/(Loss)				
	i.	Net Appreciation/(Depreciation)	$	19,828,008
	ii.	Net Interest and Dividend Income		2,995,255
	iii.	Securities Lending Income		22,702
	iv.	Other Net Investment Income		7,641
	v.	Investment Management Expenses		(1,327,005)
	vi.	Direct Investment Expenses		(40,578)
	vii.	Securities Lending Expenses		(4,212)
	viii.	Total Investment Income/(Loss)	$	21,481,811
c. Other Additions				
	i.	Member Reassignments		128,291
	ii.	Miscellaneous Receipts		0
	iii.	Total Other Additions	$	128,291
d. Total Revenue (Additions): a(v) + b(viii) + c(iii)			$	33,504,433
3. Deductions				
a. Pension, Survivor and Disability Benefits			$	9,226,487
b. Death and Funeral Benefits				0
c. Distributions of Contributions and Interest				53,622
d. Administrative Expenses				140,219
e. Member Reassignments				0
f. Miscellaneous Expenses				0
g. Total Expenses (Deductions)			$	9,420,328
4. Net Increase (Decrease) in Fiduciary Net Position: (2)(d) - (3)(g)			**$**	**24,084,105**
5. Fiduciary Net Position as of June 30, 2025: (1) + (4)			**$**	**217,408,615**

[I] Service purchases paid by employer of $0 and employee of $44,247.

TABLE 17

SCHEDULE OF CHANGES IN NET PENSION LIABILITY

	For Fiscal Year Ending June 30, 2025		
	Total Pension Liability (a)	**Plan Fiduciary Net Position (b)**	**Net Pension Liability (a) – (b)**
1. Balance at June 30, 2024	$ 231,122,047	$ 193,324,510	$ 37,797,537
2. Changes for the Year:			
Service Cost (SC) [1]	7,175,277		7,175,277
Interest Cost	14,608,971		14,608,971
Experience (Gains)/Losses	13,315,270		13,315,270
Assumption Changes	1,521,887		1,521,887
Plan Amendments	(1,789,448)		(1,789,448)
Benefit Payments [2]	(9,280,109)	(9,280,109)	0
Service Purchases			
Employer Contributions	0	0	0
Employee Contributions	44,247	44,247	0
Member Reassignments [3]	128,291	128,291	0
Employer Contributions		9,826,952	(9,826,952)
Non-employer Contributions		0	0
Employee Contributions		2,023,132	(2,023,132)
Net Investment Income		21,481,811	(21,481,811)
Administrative Expenses		(140,219)	140,219
Other		0	0
Net Changes	$ 25,724,386	$ 24,084,105	$ 1,640,281
3. Balance at June 30, 2025	$ 256,846,433	$ 217,408,615	$ 39,437,818

[1] Service cost provided as of beginning of year. Interest to end of year is included in the interest cost.

[2] Includes refund of member contributions of $53,622.

[3] Includes net interfund transfers of employer contributed amounts.

TABLE 18

DEFERRED OUTFLOWS OF RESOURCES

	June 30, 2024	Remaining Period	Recognition	June 30, 2025
1. Liability Experience				
June 30, 2025 Loss	$ 13,315,270	5.20	$ 2,560,629	$ 10,754,641
June 30, 2024 Loss	17,817,125	3.77	4,726,029	13,091,096
June 30, 2023 Loss	0	3.32	0	0
June 30, 2022 Loss	0	2.34	0	0
June 30, 2021 Loss	0	1.78	0	0
June 30, 2020 Loss	831,916	0.80	831,916	0
2. Assumption Changes				
June 30, 2025 Loss	$ 1,521,887	5.20	$ 292,671	$ 1,229,216
June 30, 2024 Loss	0	3.77	0	0
June 30, 2023 Loss	0	3.32	0	0
June 30, 2022 Loss	0	2.34	0	0
June 30, 2021 Loss	3,203,746	1.78	1,799,860	1,403,886
June 30, 2020 Loss	0	0.80	0	0
3. Investment Experience				
June 30, 2025 Loss	$ 0	5.00	$ 0	$ 0
June 30, 2024 Loss	0	4.00	0	0
June 30, 2023 Loss	3,820,268	3.00	1,273,424	2,546,844
June 30, 2022 Loss	9,491,872	2.00	4,745,937	4,745,935
June 30, 2021 Loss	0	1.00	0	0
Total Outflows: (1)+**(2)+(3)**	$ 50,002,084		$ 16,230,466	$ 33,771,618

In accordance with GASB, the original amortization period for liability experience and assumption changes are amortized over the expected future working lifetime of all members, whereas the investment experience is amortized over five years.

TABLE 19

DEFERRED INFLOWS OF RESOURCES

	June 30, 2024	Remaining Period	Recognition	June 30, 2025
1. Liability Experience				
June 30, 2025 Gain	$ 0	5.20	$ 0	$ 0
June 30, 2024 Gain	0	3.77	0	0
June 30, 2023 Gain	563,088	3.32	169,606	393,482
June 30, 2022 Gain	626,867	2.34	267,894	358,973
June 30, 2021 Gain	338,421	1.78	190,126	148,295
June 30, 2020 Gain	0	0.80	0	0
2. Assumption Changes				
June 30, 2025 Gain	$ 0	5.20	$ 0	$ 0
June 30, 2024 Gain	0	3.77	0	0
June 30, 2023 Gain	0	3.32	0	0
June 30, 2022 Gain	0	2.34	0	0
June 30, 2021 Gain	0	1.78	0	0
June 30, 2020 Gain	273,701	0.80	273,701	0
3. Investment Experience				
June 30, 2025 Gain	$ 9,317,707	5.00	$ 1,863,542	$ 7,454,165
June 30, 2024 Gain	1,772,119	4.00	443,030	1,329,089
June 30, 2023 Gain	0	3.00	0	0
June 30, 2022 Gain	0	2.00	0	0
June 30, 2021 Gain	5,494,158	1.00	5,494,158	0
Total Inflows: (1)+(2)+(3)	**$ 18,386,061**		**$ 8,702,057**	**$ 9,684,004**

In accordance with GASB, the original amortization period for liability experience and assumption changes are amortized over the expected future working lifetime of all members, whereas the investment experience is amortized over five years.

TABLE 20

DEFERRED INFLOWS / OUTFLOWS TO BE RECOGNIZED IN PENSION EXPENSE

Fiscal Year Ending June 30	Deferred Outflows	Deferred Inflows	Net Deferred Outflows/(Inflows)
Current Year:			
2025	$ 16,230,466	$ 8,702,057	$ 7,528,409
Future Years:			
2026	$ 15,002,574	$ 2,892,367	$ 12,110,207
2027	8,852,749	2,567,257	6,285,492
2028	6,492,338	2,360,841	4,131,497
2029	2,853,300	1,863,539	989,761
2030	570,657	0	570,657
Thereafter	0	0	0

TABLE 21

PENSION EXPENSE UNDER GASB NO. 68

		For Fiscal Year Ending June 30, 2025
1. Service Cost, beginning of year		$ 7,175,277
2. Interest Cost, including interest on service cost		14,608,971
3. Member Contributions [1]		(2,023,132)
4. Administrative Expenses		140,219
5. Expected Return on Assets [2]		(12,164,104)
6. Plan Amendments		(1,789,448)
7. Recognition of Deferred Inflows / Outflows of Resources Related to:		
a. Liability Experience (Gains) / Losses	7,490,948	
b. Assumption Change (Gains) / Losses	1,818,830	
c. Investment Experience (Gains) / Losses	(1,781,369)	
d. Total: (7a)+(7b)+(7c)		7,528,409
8. Miscellaneous (Income) / Expense		0
9. Total Collective Pension Expense: (1)+(2)+(3)+(4)+(5)+(6)+(7d)+(8)		13,476,192
10. Employer Service Purchases		0
Pension Expense / (Income): (9) + (10)		**$ 13,476,192**

[1] Excludes member paid service purchases of $44,247.
[2] Cash flows assumed to occur mid-year.

GASB NO. 67 and GASB NO. 68
NOTES TO THE FINANCIAL STATEMENTS

The material presented herein is a subset of the information requested as Notes to the Financial Statements. Required information not provided herein is to be supplied by the plan.

Actuarial Assumptions and Inputs

Significant actuarial assumptions and other inputs used to measure the total pension liability:

Type of Plan	The Excise, Gaming and Conservation Officers' Fund is a single-employer plan for GASB accounting purposes.
Measurement Date	June 30, 2025
Valuation Date	
Assets:	June 30, 2025
Liabilities:	June 30, 2024 – The TPL as of June 30, 2025 was determined based on an actuarial valuation prepared as of June 30, 2024 rolled forward one year to June 30, 2025, using the following key actuarial assumptions and other inputs, such as benefit accruals and actual benefit payments during that time period.
Inflation	2.00%
Future Salary Increases	2.90% to 5.15%, based on service, for the five-year period ending June 30, 2030, 2.65% to 4.90%, based on service, thereafter.
Cost-of-Living Increases	As of June 30, 2025: A one-time 13th check was granted and payable by October 1 in both 2024 and 2025. Thereafter, it is assumed participants who have commenced benefits prior to July 1, 2029 will receive an annual 13th check indexed with inflation. Participants commencing on or after July 1, 2029 are assumed to receive an annual 1% COLA. As of June 30, 2024: A one-time 13th check was granted and payable by October 1, 2024. Thereafter, it is assumed participants who have commenced benefits prior to July 1, 2025 will receive an annual 13th check indexed with inflation. Participants commencing on or after July 1, 2025 are assumed to receive a 1% COLA.

Mortality Assumption	Pub-2010 Public Retirement Plans Mortality Tables (Amount-Weighted) with a fully generational projection of mortality improvements using SOA Scale MP-2019. *Healthy Employees* – Safety Employee table with a 3 year set forward for males and no set forward for females. *Retirees* – Safety Retiree table with a 3 year set forward for males and no set forward for females. *Beneficiaries* – Contingent Survivor table with no set forward for males and a 2 year set forward for females. *Disableds* – General Disabled table.
Experience Study	The most recent comprehensive experience study, based on member experience between June 30, 2020 and June 30, 2024, was completed in February 2025. The demographic and economic assumptions were approved by the Board in June 2025 and are used beginning with the June 30, 2025 actuarial valuation.
Discount Rate	6.25%, net of investment expenses The discount rate is equal to the expected long-term rate of return on plan investments, net of investment expense and including price inflation. There was no change in the discount rate from the prior measurement date. The INPRS Board of Trustees has established a funding policy of setting the employer contribution rate equal to the greater of 17.90% (the current contribution rate) or a rate equal to the actuarially determined contribution rate, which is based on the assumptions and methods selected by the Board for the annual actuarial valuations and projected covered member payroll. The June 30, 2025 actuarial valuation assumes a long-term rate of return on assets of 6.25%, a 20-year level dollar closed method for amortizing the future layers of unfunded actuarial accrued liability (30 years for amortization layers established prior to June 30, 2016), and a 5-year smoothing method for recognizing investment gains and losses in the actuarial value of assets. The Board has historically followed its funding policy and employers have made their contributions to the plan. Therefore, if past practice is continued, the contributions will be sufficient to make the Fund fully funded. As a result, it is presumed that the projected plan assets will be sufficient to cover the future benefit payments for current members and a detailed projection of plan assets and cash flows has not been prepared.

Discount Rate Sensitivity

	1% Decrease	Current Rate	1% Increase
	5.25%	**6.25%**	**7.25%**
Net Pension Liability	$76,459,741	$39,437,818	$9,170,372

Classes of Plan Members Covered

The June 30, 2025 valuation was performed using census data provided by INPRS as of June 30, 2024. Standard actuarial techniques were used to roll forward the total pension liability computed as of June 30, 2024 to the June 30, 2025 measurement date using actual benefit payments during that period of time.

Number as of June 30, 2024	
1. Currently Receiving Benefits:	
Retired Members, Disabled Members, and Beneficiaries	287
2. Inactive Members Entitled To But Not Yet Receiving Benefits	8
3. Inactive Non-vested Members Entitled to a Refund of Member Contributions	148
4. Active Members	462
Total Covered Plan Members: (1)+(2)+(3)+(4)	905

Money-Weighted Rate of Return

The money-weighted rate of return equals investment performance, net of pension plan investment expense, adjusted for the changing amounts actually invested. For the fiscal year ending June 30, 2025, the money-weighted return on the plan assets is 11.0%.

Components of Net Pension Liability

As of June 30, 2025	
Total Pension Liability	$ 256,846,433
Fiduciary Net Position	217,408,615
Net Pension Liability	$ 39,437,818
Ratio of Fiduciary Net Position to Total Pension Liability	84.65%

GASB NO. 67 AND GASB NO. 68: REQUIRED SUPPLEMENTAL INFORMATION

SCHEDULE OF CHANGES IN THE TOTAL PENSION LIABILITY AND PLAN FIDUCIARY NET POSITION

Fiscal Year Ending June 30	2021	2022	2023	2024	2025
Total Pension Liability					
Total Pension Liability - beginning	$163,977,857	$180,847,713	$187,504,540	$194,827,168	$231,122,047
Service Cost (SC), beginning-of-year	4,049,528	4,630,578	4,537,000	4,908,066	7,175,277
Interest Cost, including interest on SC	11,081,170	11,345,860	11,750,637	12,207,312	14,608,971
Experience (Gains)/Losses	(1,098,925)	(1,430,549)	(902,300)	22,543,154	13,315,270
Assumption Changes	10,403,186	0	0	0	1,521,887
Plan Amendments	158,691	0	0	5,472,818	(1,789,448)
Actual Benefit Payments	(7,735,418)	(7,947,413)	(8,383,037)	(8,961,492)	(9,280,109)
Member Reassignments	0	0	205,121	97,066	128,291
Service Purchases	11,624	58,351	115,207	27,955	44,247
Net Change in Total Pension Liability	16,869,856	6,656,827	7,322,628	36,294,879	25,724,386
(a) Total Pension Liability - ending	$180,847,713	$187,504,540	$194,827,168	$231,122,047	$256,846,433
Plan Fiduciary Net Position					
Plan Fiduciary Net Position – beginning	$146,358,400	$184,313,811	$172,120,501	$176,899,964	$193,324,510
Contributions – employer	7,082,710	6,713,935	7,176,976	10,077,475	9,826,952
Contributions – non-employer	0	0	0	0	0
Contributions – member	1,332,899	1,352,214	1,497,124	1,965,166	2,067,379
Net investment income	37,369,760	(12,209,562)	4,402,205	13,366,947	21,481,811
Actual benefit payments	(7,735,418)	(7,947,413)	(8,383,037)	(8,961,492)	(9,280,109)
Net member reassignments	0	0	205,121	97,066	128,291
Administrative expense	(94,540)	(102,484)	(118,926)	(120,616)	(140,219)
Other	0	0	0	0	0
Net change in Plan Fiduciary Net Position	37,955,411	(12,193,310)	4,779,463	16,424,546	24,084,105
(b) Plan Fiduciary Net Position - ending	$184,313,811	$172,120,501	$176,899,964	$193,324,510	$217,408,615
Net Pension Liability - ending, (a) - (b)	($3,466,098)	$15,384,039	$17,927,204	$37,797,537	$39,437,818

Results prior to 2018 were produced by the prior actuary.

GASB NO. 67 AND GASB NO. 68: REQUIRED SUPPLEMENTAL INFORMATION

SCHEDULE OF CHANGES IN THE TOTAL PENSION LIABILITY AND PLAN FIDUCIARY NET POSITION

(continued)

Fiscal Year Ending June 30	2016	2017	2018	2019	2020
Total Pension Liability					
Total Pension Liability - beginning	$132,795,504	$138,965,050	$142,602,804	$140,055,567	$152,206,710
Service Cost (SC), beginning-of-year	3,011,127	3,550,386	3,369,314	3,551,307	3,983,271
Interest Cost, including interest on SC	8,955,451	9,388,843	9,619,116	9,447,926	10,294,177
Experience (Gains)/Losses	469,533	119,830	(586,824)	6,427,097	6,031,421
Assumption Changes	0	(2,578,386)	(8,015,441)	0	(1,984,346)
Plan Amendments	0	0	0	0	813,928
Actual Benefit Payments	(6,245,234)	(6,826,316)	(6,934,957)	(7,325,257)	(7,367,304)
Member Reassignments	(21,331)	(25,694)	0	0	0
Service Purchases	0	9,091	1,555	50,070	0
Net Change in Total Pension Liability	6,169,546	3,637,754	(2,547,237)	12,151,143	11,771,147
(a) Total Pension Liability - ending	$138,965,050	$142,602,804	$140,055,567	$152,206,710	$163,977,857
Plan Fiduciary Net Position					
Plan Fiduciary Net Position – beginning	$110,037,215	$111,329,476	$120,016,301	$131,491,187	$142,114,618
Contributions – employer	5,366,551	5,691,313	6,174,724	6,981,555	6,741,858
Contributions – non-employer	0	0	0	0	0
Contributions – member	1,015,896	1,101,958	1,172,194	1,367,778	1,298,579
Net investment income	1,314,506	8,869,229	11,188,935	9,711,357	3,677,162
Actual benefit payments	(6,245,234)	(6,826,316)	(6,934,957)	(7,325,257)	(7,367,304)
Net member reassignments	(21,331)	(25,694)	0	0	0
Administrative expense	(138,127)	(123,665)	(136,045)	(112,002)	(106,513)
Other	0	0	10,035	0	0
Net change in Plan Fiduciary Net Position	1,292,261	8,686,825	11,474,886	10,623,431	4,243,782
(b) Plan Fiduciary Net Position - ending	$111,329,476	$120,016,301	$131,491,187	$142,114,618	$146,358,400
Net Pension Liability - ending, (a) - (b)	$27,635,574	$22,586,503	$8,564,380	$10,092,092	$17,619,457

Results prior to 2018 were produced by the prior actuary.

GASB NO. 67 AND GASB NO. 68: REQUIRED SUPPLEMENTAL INFORMATION

SCHEDULE OF THE NET PENSION LIABILITY

Fiscal Year Ending June 30	2021	2022	2023	2024	2025
Total Pension Liability	$180,847,713	$187,504,540	$194,827,168	$231,122,047	$256,846,433
Plan Fiduciary Net Position	184,313,811	172,120,501	176,899,964	193,324,510	217,408,615
Net Pension Liability	($3,466,098)	$15,384,039	$17,927,204	$37,797,537	$39,437,818
Ratio of Plan Fiduciary Net Position to Total Pension Liability	101.92%	91.80%	90.80%	83.65%	84.65%
Covered payroll [1]	$33,193,789	$32,356,321	$34,597,396	$48,575,685	$50,578,247
Net Pension Liability as a percentage of covered payroll	-10.44%	47.55%	51.82%	77.81%	77.97%

Fiscal Year Ending June 30	2016	2017	2018	2019	2020
Total Pension Liability	$138,965,050	$142,602,804	$140,055,567	$152,206,710	$163,977,857
Plan Fiduciary Net Position	111,329,476	120,016,301	131,491,187	142,114,618	146,358,400
Net Pension Liability	$27,635,574	$22,586,503	$8,564,380	$10,092,092	$17,619,457
Ratio of Plan Fiduciary Net Position to Total Pension Liability	80.11%	84.16%	93.89%	93.37%	89.25%
Covered payroll [1]	$25,525,549	$27,428,006	$29,386,684	$33,271,557	$32,490,899
Net Pension Liability as a percentage of covered payroll	108.27%	82.35%	29.14%	30.33%	54.23%

[1] As provided by INPRS.
Results prior to 2018 were produced by the prior actuary.

GASB NO. 67 AND GASB NO. 68: REQUIRED SUPPLEMENTAL INFORMATION

SCHEDULE OF EMPLOYER CONTRIBUTIONS

Fiscal Year Ending June 30	2021	2022	2023	2024	2025
Actuarially Determined Contribution [1]	$2,924,373	$3,200,040	$3,923,345	$5,289,892	$5,626,830
Actual employer contributions	$7,082,710	$6,713,935	$7,176,976	$10,077,475	$9,826,952
Annual contribution (deficiency) / excess	$4,158,337	$3,513,895	$3,253,631	$4,787,583	$4,200,122
Covered payroll [2]	$33,193,789	$32,356,321	$34,597,396	$48,575,685	$50,578,247
Actual contributions as a percentage of covered payroll	21.34%	20.75%	20.74%	20.75%	19.43%

Fiscal Year Ending June 30	2016	2017	2018	2019	2020
Actuarially Determined Contribution [1]	$4,077,706	$4,033,288	$4,393,309	$4,874,283	$3,647,103
Actual employer contributions	$5,366,551	$5,691,313	$6,174,724	$6,981,555	$6,741,858
Annual contribution (deficiency) / excess	$1,288,845	$1,658,025	$1,781,415	$2,107,272	$3,094,755
Covered payroll [2]	$25,525,549	$27,428,006	$29,386,684	$33,271,557	$32,490,899
Actual contributions as a percentage of covered payroll	21.02%	20.75%	21.01%	20.98%	20.75%

[1] Actuarially determined contribution rate for July-December was developed in the actuarial funding valuation completed two years prior to the fiscal year. Actuarially determined contribution rate for January-June was developed in the actuarial funding valuation completed one year prior to the fiscal year. The average of these two rates was applied to the actual covered employee payroll for the fiscal year to determine the contribution amount. The surcharge rate uses the valuation completed two years ago for July-December and one year ago for January-June.

[2] As provided by INPRS.

Results prior to 2018 were produced by the prior actuary.

GASB NO. 67 AND GASB NO. 68: REQUIRED SUPPLEMENTAL INFORMATION

SCHEDULE OF MONEY-WEIGHTED RETURNS

For Fiscal Year Ending June 30	Money-Weighted Return
2025	11.0%
2024	7.5%
2023	2.5%
2022	(6.6%)
2021	25.5%
2020	2.6%
2019	7.4%
2018	9.3%
2017	8.0%
2016	1.2%

Returns were provided by INPRS.

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Appendix D Glossary of Actuarial Terms 65

- *A glossary of actuarial terms used in the valuation report.*

MEMBER DATA RECONCILIATION
For June 30, 2024 Data used in the June 30, 2025 Valuation

	Active Members	Actives in DROP	Inactive Vested	Inactive Nonvested	Disabled	Retired	Beneficiary	Total
1. As of June 30, 2023	**434**	**13**	**8**	**150**	**3**	**233**	**47**	**888**
2. Data Adjustments								
New Participants	29	0	0	0	0	0	0	29
Rehires	2	(1)	0	(1)	0	0	0	0
Terminations:								
Not Vested	(4)	0	0	4	0	0	0	0
Deferred Vested	(1)	0	1	0	0	0	0	0
DROP	0	0	0	0	0	0	0	0
Disability	0	0	0	0	0	0	0	0
Retirements	(3)	(5)	(1)	0	0	9	0	0
Refund / Benefits Ended	(1)	0	0	(8)	0	0	0	(9)
Deaths:								
With Beneficiary	0	0	0	0	0	(3)	3	0
Without Beneficiary	(1)	0	0	1	0	(1)	(4)	(5)
Data Corrections	0	0	0	2	0	0	0	2
Net Change	21	(6)	0	(2)	0	5	(1)	17
3. As of June 30, 2024 [1]	**455**	**7**	**8**	**148**	**3**	**238**	**46**	**905**

[1] The valuation results were calculated using the prior year's census data and were adjusted for certain activity during fiscal year. Includes zero inactive in DROP member as of June 30, 2023 and zero inactive in DROP members as of June 30, 2024.

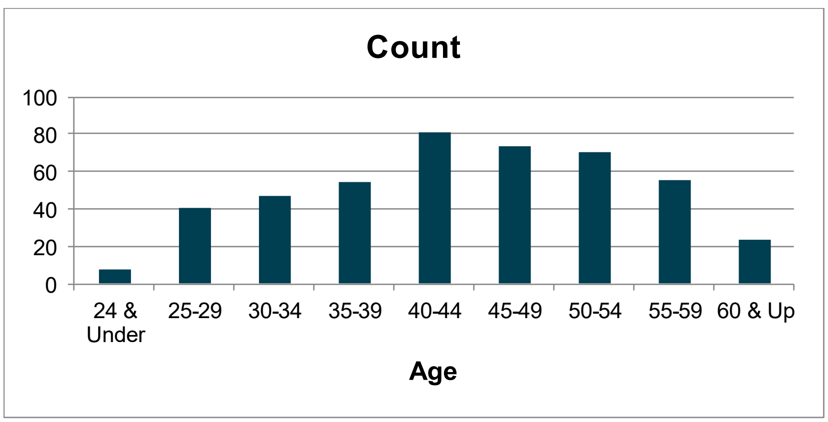
SUMMARY OF MEMBERSHIP DATA

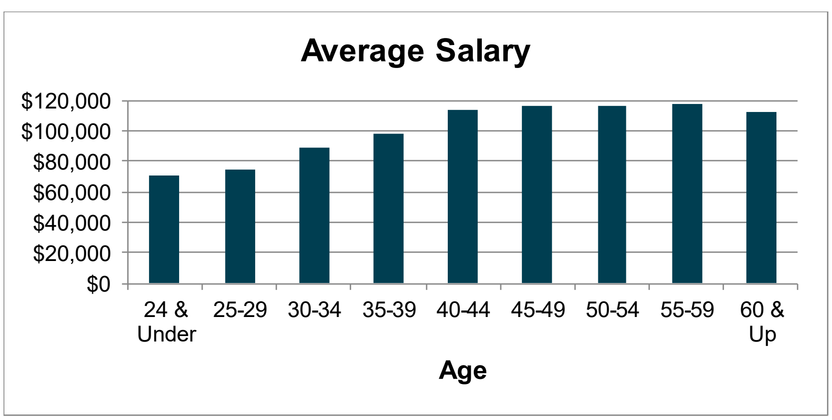
Valuation Date	June 30, 2024	June 30, 2025	% Change
Date of Membership Data [1]	July 1, 2023	July 1, 2024	
ACTIVE MEMBERS			
Number of Members			
Active	434	455	4.8%
Active in DROP	13	7	(46.2%)
Total	447	462	3.4%
Annual Membership Data Salary [2]	$ 34,560,542	$ 49,178,397	42.3%
Covered Payroll for Fiscal Year Ending	$ 48,575,685	$ 50,578,247	4.1%
Active Member Averages			
Age	43.7	44.1	0.9%
Service	12.4	12.4	0.0%
Annual Membership Data Salary	$ 77,317	$ 106,447	37.7%
INACTIVE MEMBERS			
Number of Members			
Inactive Vested	8	8	0.0%
Inactive Non-Vested	150	148	(1.3%)
Total	158	156	(1.3%)
Inactive Vested Member Averages			
Age	48.1	49.1	2.1%
Service	17.2	18.0	4.8%
RETIREES, DISABLEDS, AND BENEFICIARIES			
Number of Members			
Retired	233	238	2.1%
Disabled	3	3	0.0%
Beneficiaries	47	46	(2.1%)
Total	283	287	1.4%
Annual Benefits			
Retired	$ 7,603,996	$ 7,868,601	3.5%
Disabled	49,096	49,096	0.0%
Beneficiaries	579,817	646,254	11.5%
Total	$ 8,232,909	$ 8,563,951	4.0%

[1] The valuation results were calculated using the prior year's census data and were adjusted for certain activity during fiscal year.
[2] Annualized for actives with less than a year of service. Actives with no salary provided are defaulted to the average salary.

ACTIVE MEMBERS [1]
As of June 30, 2024 for the June 30, 2025 Valuation

	Count of Members			FY 2024 Annual Membership Data Salary		
Age	Male	Female	Total	Male	Female	Total
24 & Under	7	1	8	$ 496,131	$ 70,147	$ 566,278
25-29	38	3	41	2,878,434	167,073	3,045,507
30-34	42	5	47	3,682,445	460,052	4,142,497
35-39	47	7	54	4,645,286	670,955	5,316,241
40-44	70	11	81	7,969,073	1,235,950	9,205,023
45-49	62	12	74	7,206,949	1,391,278	8,598,227
50-54	62	8	70	7,244,750	918,338	8,163,088
55-59	54	2	56	6,326,237	240,807	6,567,044
60 & Up	23	1	24	2,588,490	117,826	2,706,316
Total	405	50	455	$ 43,037,795	$ 5,272,426	$ 48,310,221





[1] Actives with no salary provided are defaulted to the average salary.

AGE AND SERVICE DISTRIBUTION
As of June 30, 2024 for the June 30, 2025 Valuation

Age		0-4	5-9	10-14	15-19	20-24	25-29	30-34	Over 34	Total
24 & Under	Number	8	0	0	0	0	0	0	0	8
	Total Salary	$ 566,278	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 566,278
	Average Sal.	$ 70,785	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 70,785
25-29	Number	37	4	0	0	0	0	0	0	41
	Total Salary	$ 2,702,489	$ 343,018	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 3,045,507
	Average Sal.	$ 73,040	$ 85,755	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 74,281
30-34	Number	15	19	13	0	0	0	0	0	47
	Total Salary	$ 1,160,622	$ 1,730,181	$ 1,251,694	$ 0	$ 0	$ 0	$ 0	$ 0	$ 4,142,497
	Average Sal.	$ 77,375	$ 91,062	$ 96,284	$ 0	$ 0	$ 0	$ 0	$ 0	$ 88,138
35-39	Number	17	10	24	3	0	0	0	0	54
	Total Salary	$ 1,483,222	$ 944,645	$ 2,532,679	$ 355,695	$ 0	$ 0	$ 0	$ 0	$ 5,316,241
	Average Sal.	$ 87,248	$ 94,465	$ 105,528	$ 118,565	$ 0	$ 0	$ 0	$ 0	$ 98,449
40-44	Number	9	6	15	41	10	0	0	0	81
	Total Salary	$ 858,901	$ 640,047	$ 1,616,532	$ 4,902,194	$ 1,187,349	$ 0	$ 0	$ 0	$ 9,205,023
	Average Sal.	$ 95,433	$ 106,675	$ 107,769	$ 119,566	$ 118,735	$ 0	$ 0	$ 0	$ 113,642
45-49	Number	14	4	10	29	12	5	0	0	74
	Total Salary	$ 1,548,100	$ 448,821	$ 1,127,231	$ 3,492,603	$ 1,396,768	$ 584,705	$ 0	$ 0	$ 8,598,228
	Average Sal.	$ 110,579	$ 112,205	$ 112,723	$ 120,435	$ 116,397	$ 116,941	$ 0	$ 0	$ 116,192
50-54	Number	17	6	8	15	8	16	0	0	70
	Total Salary	$ 1,988,533	$ 703,280	$ 893,826	$ 1,744,523	$ 944,740	$ 1,888,186	$ 0	$ 0	$ 8,163,088
	Average Sal.	$ 116,973	$ 117,213	$ 111,728	$ 116,302	$ 118,093	$ 118,012	$ 0	$ 0	$ 116,616
55-59	Number	9	12	3	15	4	7	6	0	56
	Total Salary	$ 1,032,787	$ 1,397,831	$ 361,720	$ 1,760,343	$ 467,947	$ 832,868	$ 713,547	$ 0	$ 6,567,043
	Average Sal.	$ 114,754	$ 116,486	$ 120,573	$ 117,356	$ 116,987	$ 118,981	$ 118,925	$ 0	$ 117,269
60 & Up	Number	3	8	5	6	0	0	0	2	24
	Total Salary	$ 240,489	$ 928,746	$ 581,787	$ 708,168	$ 0	$ 0	$ 0	$ 247,126	$ 2,706,316
	Average Sal.	$ 80,163	$ 116,093	$ 116,357	$ 118,028	$ 0	$ 0	$ 0	$ 123,563	$ 112,763
Total	Number	129	69	78	109	34	28	6	2	455
	Total Salary	$ 11,581,421	$ 7,136,569	$ 8,365,469	$ 12,963,526	$ 3,996,804	$ 3,305,759	$ 713,547	$ 247,126	$ 48,310,221
	Average Sal.	$ 89,778	$ 103,429	$ 107,250	$ 118,931	$ 117,553	$ 118,063	$ 118,925	$ 123,563	$ 106,176

[1] Actives with no salary provided are defaulted to the average salary.

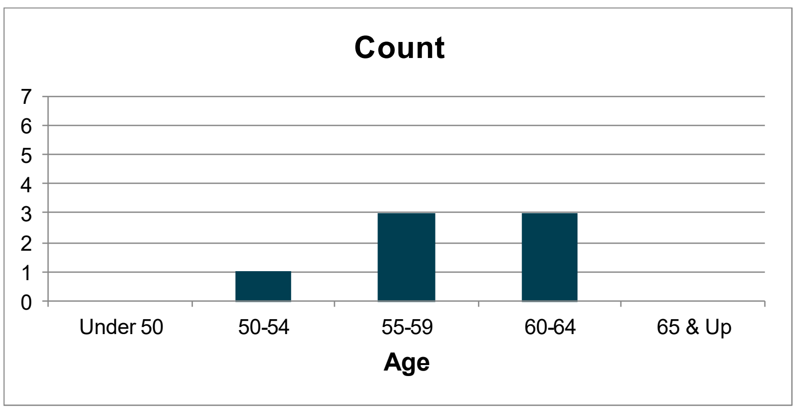
ACTIVE MEMBERS IN DROP
As of June 30, 2024 for the June 30, 2025 Valuation

Count of Members

Age	Male	Female	Total
Under 50	0	0	0
50-54	1	0	1
55-59	3	0	3
60-64	3	0	3
65 & Up	0	0	0
Total	7	0	7

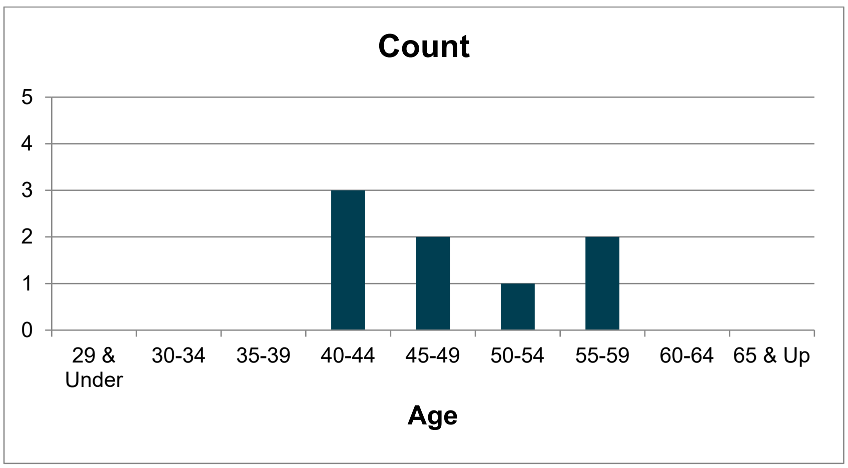
FY 2024 Annual Membership Data Salary

Total Salary	$ 868,176
Average Salary	$ 124,025



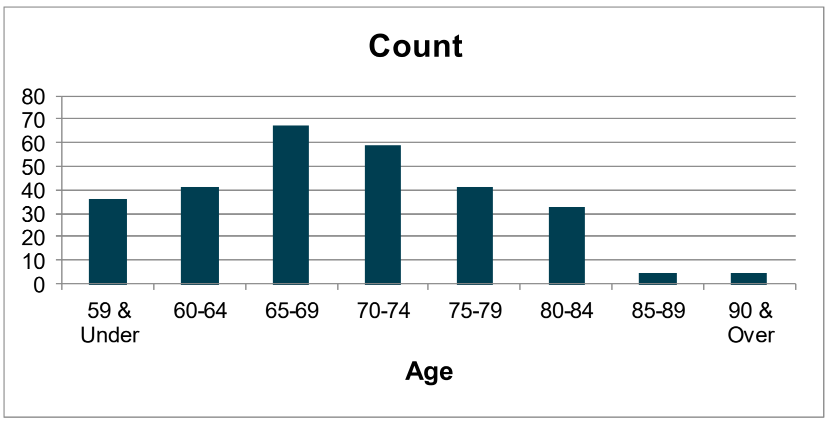
INACTIVE VESTED MEMBERS
As of June 30, 2024 for the June 30, 2025 Valuation

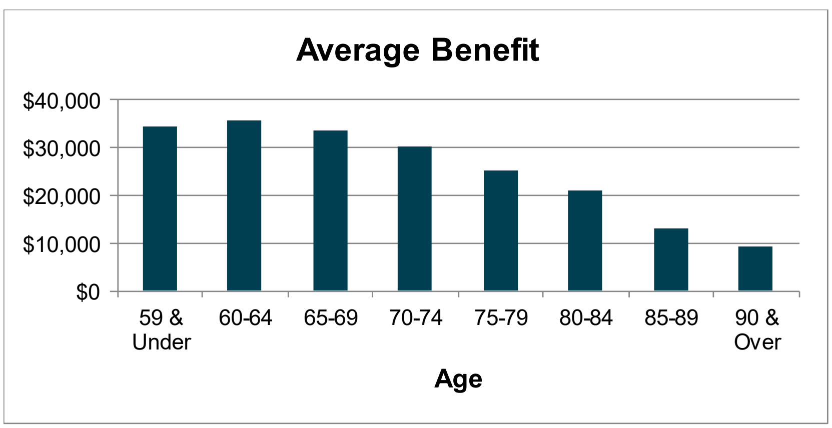
	Count of Members		
Age	Male	Female	Total
29 & Under	0	0	0
30-34	0	0	0
35-39	0	0	0
40-44	1	2	3
45-49	1	1	2
50-54	1	0	1
55-59	2	0	2
60-64	0	0	0
65 & Up	0	0	0
Total	5	3	8



MEMBERS AND BENEFICIARIES RECEIVING BENEFITS
As of June 30, 2024 for the June 30, 2025 Valuation

	Count of Members			Annual Benefits		
Age	Male	Female	Total	Male	Female	Total
59 & Under	31	5	36	$ 1,069,864	$ 162,328	$ 1,232,192
60-64	36	5	41	1,377,374	90,030	1,467,404
65-69	59	8	67	2,084,501	157,579	2,242,080
70-74	47	12	59	1,569,115	205,402	1,774,517
75-79	28	13	41	885,815	149,207	1,035,022
80-84	22	11	33	559,343	140,614	699,957
85-89	3	2	5	48,404	16,678	65,082
90 & Over	2	3	5	19,819	27,878	47,697
Total	228	59	287	$ 7,614,235	$ 949,716	$ 8,563,951





MEMBERS AND BENEFICIARIES RECEIVING BENEFITS
As of June 30, 2024 for the June 30, 2025 Valuation

Schedule of Average Benefit Payments[1]

	Years of Credited Service						
For the Year Ended June 30, 2025	< 10	10 - 14	15 - 19	20 - 24	25 - 29	30 +	Total
Average Monthly Defined Benefit	$859	$1,532	$1,504	$1,127	$2,546	$3,025	$2,487
Average Final Average Salary [2]	$51,086	$70,230	$62,502	$42,151	$59,616	$60,937	$60,194
Number of Benefit Recipients	2	21	27	17	95	125	287

Schedule of Benefit Recipients by Type of Benefit Option[1]

	Number of Recipients by Benefit Option			
Amount of Monthly Benefit (in dollars)	Joint with 50% Survivor Benefits	Survivors	Disability	Total Benefit Recipients
1 - 500	2	4	1	7
501 - 1,000	9	17	0	26
1,001 - 1,500	25	18	1	44
1,501 - 2,000	14	4	0	18
2,001 - 2,500	43	1	1	45
2,501 - 3,000	47	1	0	48
Over 3,000	98	1	0	99
Total	238	46	3	287

[1]Calculated using the prior year census data, adjusted for certain activity during the fiscal year.
[2]Excludes the 8 in-pay members who are missing a final average salary in the data.

MEMBERS AND BENEFICIARIES RECEIVING BENEFITS
As of June 30, 2024 for the June 30, 2025 Valuation

	Added to Rolls		Removed from Rolls		Rolls - End of Year				
	Number	Annual Benefits	Number	Annual Benefits	Number	Total Annual Benefits	Percent Change In Total Annual Benefits1,2	Average Annual Benefit	Percent Change In Average Annual Benefit
2025 [3]	9	$407	5	$71	287	$8,564	4.0%	$29,840	2.6%
2024 [3]	10	321	2	23	283	8,233	2.8	29,092	(0.1)
2023 [3]	22	654	4	38	275	8,010	9.2	29,129	2.1
2022 [3]	12	491	7	72	257	7,332	5.1	28,530	3.0
2021 [3]	7	218	3	23	252	6,979	2.6	27,695	1.0
2020 [3]	13	438	5	46	248	6,800	5.8	27,421	2.4
2019 [3]	9	216	3	19	240	6,426	2.9	26,776	0.3
2018 [3]	13	404	2	23	234	6,246	5.6	26,692	0.7
2017 [3]	8	314	5	60	223	5,912	4.4	26,512	3.0
2016 [3]	14	506	1	4	220	5,661	8.7	25,733	2.2

[1] Dollar amounts are in thousands except for the average annual benefit.
[2] End of year annual benefits are not equal to prior end of year annual benefits plus additions less removals due to beneficiary benefit changes, data changes, and COLA increases.
[3] The valuation results were calculated using the prior year census data, adjusted for certain activity during the fiscal year.

Definitions

Fiscal year	Twelve month period ending June 30.
Participation	All Indiana State Excise Police Officers, all Indiana State Conservation Enforcement officers, all Indiana Gaming Agents, and all Indiana Gaming Control Officers must become members as a condition of employment.
Member contributions	Each member is required to contribute at the rate of 4% of pay. These contributions are kept on deposit and credited with interest until such time as they are refunded or used to provide benefits at retirement. This interest crediting rate is established annually by the board. It is based on the 10-Year Treasury Yield, an average of January through March month-end 10-year US Treasury Note yields in the current year.
Average monthly earnings	Average monthly earnings is the monthly average of earnings calculated based on any five years of salary within the 10 years preceding retirement that produce the highest such average.

Eligibility for Benefits

Deferred vested	15 or more years of creditable service and no longer active.
Disability retirement	As determined by a disability medical panel.
Early retirement	Age 45 with 15 or more years of creditable service.
Normal retirement	Earliest of: - Age 65 (mandatory retirement) - 10 or more years of creditable service for members hired on or after age 50 - Age 55 with sum of age and creditable service equal to 85 or more - Age 50 with 25 or more years of creditable service - Age 60 with 15 or more years of creditable service
Pre-retirement death	Active member or 15 or more years of creditable service.

Monthly Benefits Payable

Normal retirement	The normal retirement benefit is a monthly annuity payable in a Joint and 50% Surviving Beneficiary form and is equal to 25% of average monthly earnings, plus 1-2/3% of average monthly earnings for years of creditable service more than 10 years. The normal retirement benefit may not exceed 75% of the average annual salary.
Early retirement	The early retirement benefit is the accrued retirement benefit determined as of the early retirement date and payable commencing at the normal retirement date. A member may elect to have the benefit commence prior to normal retirement provided the benefit is reduced by 1/4% for each month that the benefit commencement date precedes age 60. The early retirement benefit may not exceed 75% of the average annual salary.
Deferred retirement	If termination is prior to earning 15 years of service, the member shall be entitled to a lump sum refund of employee contributions plus accumulated interest. If termination is after earning 15 years of service, the termination benefit is the accrued retirement benefit determined as of the termination date and payable commencing as of the normal retirement date. The member may elect to receive a reduced early retirement benefit beginning at age 45.
Disability	If disability occurs in the line of duty, the disability retirement benefit is the member's monthly salary multiplied by the degree of impairment and is payable commencing the month following disability date without reduction for early commencement. The benefit shall not be less than 20% of the member's salary if the member has more than 5 years of service, or 10% if 5 or less years of service. If disability does not occur in the line of duty, the disability retirement benefit is equal to 50% of the member's monthly salary multiplied by the degree of impairment and is payable commencing the month following disability date without reduction for early commencement. The benefit shall not be less than 10%

of the member's salary if the member has more than 5 years of service, or 5% if 5 or less years of service.

Pre-retirement death

If death is prior to earning 15 years of service, an inactive member's beneficiary or estate shall receive employee contributions plus accumulated interest.

If death is for an active member, regardless of service, or an inactive member with 15 years of service, the spouse or dependent beneficiary is entitled to receive the monthly survivor annuity under the assumption that the member had retired with 25 years of service at age 50. The survivor annuity is paid as a 50% joint and survivor annuity, except in the case of an active death in the line of duty, where the benefit is payable as a 100% joint and survivor annuity.

Deferred retirement option plan ("DROP")

Effective July 1, 2008, a DROP is established for all plan participants.

An employee may make a DROP election as provided in this chapter only if, immediately upon termination, he/she is eligible to receive an unreduced annual retirement allowance under the provisions of the EG&C Fund on his/her entry date into the DROP.

The DROP retirement benefit will be based on average annual salary and years of creditable service on the date the member enters the DROP. Average annual salary is based on the 5 highest years of annual salary in the 10 years immediately preceding the member's retirement date.

Any member who chooses the DROP shall agree to the following:

- The member shall execute an irrevocable election to retire on the DROP retirement date and shall remain in active service until that date.
- While in the DROP, the member shall continue to make contributions to the EG&C Fund under the provisions of that fund.
- The member shall elect a DROP retirement date not less than 12 months and not more than 60 months after the member's DROP entry date.
- The member may not remain in the DROP after the date the member reaches any mandatory retirement age as set forth in the EG&C Fund.

- The member may make an election to enter the DROP only once in the member's lifetime.
- A member who retires on his/her DROP retirement date may elect to receive an annual retirement allowance:
  a) Computed as if the member had never entered the DROP; or
  b) Consisting of the DROP frozen benefit, plus an additional amount paid as the member elects, determined by multiplying the DROP frozen benefit by the number of months the member was in DROP.

No cost of living increase is applied to a DROP frozen benefit while the participant is in the DROP. After the participant's DROP retirement date, cost of living increases determined under the EG&C Fund apply to the participant's annual retirement allowance.

Cost-of-Living-Adjustments

The employer-funded monthly pension benefits for members in pay status are increased periodically to preserve purchasing power that is diminished due to inflation. Such increases are not guaranteed by Statute and will only be provided by legislative action.

A "13th check" was paid to each member in pay status during fiscal year 2018, 2019, 2020, 2021 and 2025 and 2026. The amount of the 13th check varied based on the years of creditable service the member had earned prior to retirement.

Legislation passed in the 2018 legislative session and updated in the 2024 and 2025 sessions creates a funding mechanism to provide for future benefit increases or 13th checks. Prior to the 2024 session, the INPRS Board had the authority to have employers contribute up to 1% of member pay into the fund. Beginning with the 2024 valuation, they may not decrease this rate, but may increase it by up to 0.1% each year (through December 31, 2031 based on HEA 1221-2025). The Board is charged with funding an inflation-indexed 13th Check for those commencing benefits before July 1, 2029 and a 1% COLA for those commencing benefits after June 30, 2029, although these benefits have not been granted or promised.

	Increases or payments are made upon passed legislation subject to the availability of funds to provide the benefit.
Forms of payment a. Single life annuity	Member will receive a monthly benefit for life, but there are no monthly payments to anyone after death.
b. Joint with one-half survivor benefits	Member will be paid a monthly benefit for life. After death, one-half (1/2) of the benefit will be paid to the spouse or parent for their lifetime or the dependent until age 18.

Changes in Plan Provisions since the Prior Year

A 13th Check to be paid in Fiscal Year 2026 from the SRA was granted. The Supplemental Benefit funding for an inflation-indexed 13th Check for participants who have commenced prior to July 1, 2029 (previously July 1, 2025) and a 1% COLA for commencements thereafter is now required by legislation, although no additional benefits have yet been granted beyond this FY 2026 13th Check. Additionally, the surcharge rate cannot decrease and any increase in the surcharge rate is capped at 0.1% through December 31, 2031 (previously December 31, 2029).

ACTUARIAL METHODS

1. **Actuarial Cost Method**

The actuarial cost method is Entry Age Normal - Level Percent of Payroll.

The normal cost is calculated separately for each active member and is equal to the level percentage of payroll needed as an annual contribution from entry age to retirement age to fund projected benefits. The actuarial accrued liability on any valuation date is the accumulated value of such normal costs from entry age to the valuation date.

For funding, gains and losses occurring from census experience different than assumed, assumption changes, and benefit changes are amortized over a 20-year period with level payments each year. A new gain or loss base is established each year based on the additional gain or loss during that year and that base is amortized over a new 20-year period (gain or loss bases established prior to June 30, 2016 were amortized over 30 years and will continue to be amortized over 30 -year period). However, when the plan is at or above 100% funded (based on Actuarial Value of Assets), the past amortization bases are considered fully amortized and a single amortization base equal to the surplus is amortized over a 30-year period with level payments each year. The purpose of the method is to give a smooth progression of the costs from year to year and, at the same time, provide for an orderly funding of the unfunded liabilities. The amortization payment is projected to the middle of the contribution year.

For accounting, gains and losses occurring from census experience different than assumed and assumption changes are amortized into expense over the average expected future service of all plan participants (active and inactive). Gains and losses occurring from investment experience different from assumed are amortized into expense over a 5-year period. The effect of plan changes on the plan liability are fully recognized in expense in the year in which they occur.

Member census data as of June 30, 2024 was used in the valuation and adjusted, where appropriate, to reflect changes between June 30, 2024 and June 30, 2025. The valuation results from June 30, 2024 were rolled-forward to June 30, 2025 to reflect benefit accruals during the year less benefits paid.

2. **Surcharge Rate**

The Surcharge Rate is based on the same normal cost and amortization method as is being used for the base benefits, effective with the 2024 valuation which is required by HEA 1004-2024 to begin funding for an inflation-indexed 13th Check and 1% COLA. These benefits have not been granted or promised beyond a 13th Check payable in Fiscal Year 2025 and Fiscal Year 2026. The surcharge rate is for the 2027 calendar year.

3. **Asset Valuation Method**

The Actuarial Value of Assets smoothes the recognition of gains and losses on the Market Value of Assets over five years, subject to a 20% corridor.

4. **Anticipated Payroll**

   The Anticipated Payroll for the 2027 calendar year is equal to the actual payroll during the fiscal year ending June 30, 2025, increased at the salary scale assumption.

5. **Employer Contribution Rate**

   Based on the assumptions and methods previously described, an actuarially determined contribution rate is computed. The Board considers this information and has ultimate authority in setting the employer contribution rate.

Changes in Actuarial Methods since the Prior Year

As a result of the 2020-2024 Experience Study, the methodology used for the following technical calculations were updated:

- The amortization payment and anticipated payroll were updated to reflect the timing of the contribution payment for both the base benefits and the supplemental benefits.
- The normal cost rate calculation reflects the new middle of year decrement timing and that the payment of the normal cost is throughout the year.
- The amortization cost methodology was updated to reflect that the anticipated employer contributions on DROP payroll, calculated as an allocation based on the normal cost rate, be credited as an offset to the amortization cost.

ACTUARIAL ASSUMPTIONS

Valuation Date — June 30, 2025

Economic Assumptions

1. Investment return — 6.25% per year, compounded annually (net of administrative and investment expenses)

2. Inflation — 2.00% per year

3. Salary increase

Service	Wage Inflation*	Merit	Salary Increase
0	2.90%/2.65%	2.25%	5.15%/4.90%
1	2.90%/2.65%	2.00%	4.90%/4.65%
2	2.90%/2.65%	1.75%	4.65%/4.40%
3	2.90%/2.65%	1.50%	4.40%/4.15%
4	2.90%/2.65%	1.25%	4.15%/3.90%
5	2.90%/2.65%	1.00%	3.90%/3.65%
6	2.90%/2.65%	0.75%	3.65%/3.40%
7	2.90%/2.65%	0.50%	3.40%/3.15%
8	2.90%/2.65%	0.25%	3.15%/2.90%
9+	2.90%/2.65%	0.00%	2.90%/2.65%

*2.90% for the five-year period ending June 30, 2030 with an ultimate rate of 2.65% thereafter.

4. Interest on member balances — 3.30% per year

5. Cost-of-Living Adjustment (COLA) — A one-time 13th check was granted and payable by October 1 in both 2024 and 2025. Thereafter, it is assumed participants who have commenced benefits prior to July 1, 2029 will receive an annual 13th check indexed with inflation. Participants commencing on or after July 1, 2029 are assumed to receive a 1% COLA.

Demographic Assumptions

1. Mortality — Pub-2010 Public Retirement Plans Mortality Tables (Amount-Weighted) with a fully generational projection of mortality improvements using SOA Scale MP-2019.

Healthy Employees – Safety Employee table with a 3 year set forward for males and no set forward for females.

Mortality (continued)

Retirees – Safety Retiree table with a 3 year set forward for males and no set forward for females.

Beneficiaries – Contingent Survivor table with no set forward for males and a 2 year set forward for females.

Disableds – General Disabled table.

2. Disability

Age	Sample Rates
<=30	0.100%
35	0.200%
40	0.350%
45	0.500%
50+	0.500%

Active members who become disabled are assumed to receive 20% of their salary if they have less than 5 years of service and 40% of their salary if they have 5 or more years of service.

3. Retirement

Age	Eligible for **Reduced** Benefit	Eligible for **Unreduced** Benefit
45-54	2%	50%
55-58	2%	50%
59	2%	50%
60	N/A	55%
61	N/A	65%
62-64	N/A	75%
65+	N/A	100%

Active members: Of those who retire, 50% enter DROP and the other 50% retire immediately. Those who elect to enter DROP are assumed be in DROP for a period of 5 years, upon which time they take the full lump sum and commence their annuity benefit.

Inactive vested members are assumed to commence their retirement benefit at their earliest eligible retirement date (age 45, or current age if greater).

4. Termination

Years of Service	Rate
0	6.50%
1	6.00%
2	5.50%
3	5.00%
4	4.50%
5	4.00%
6	3.50%
7	3.00%
8	2.50%
9	2.00%
10+	1.50%

Other Assumptions

1. Form of payment — Members are assumed to elect either a single life annuity or a 50% joint survivor benefit based on the marriage assumptions below.

2. Marital status
   a. Percent married — 90% of members are assumed to be married or to have a dependent beneficiary.

   b. Spouse's age — Male members are assumed to be three (3) years older than their spouses and female members are assumed to be two (2) years younger than their spouses.

3. Decrement timing — Decrements are assumed to occur at the middle of the year.

4. Members in DROP — Members who are participating in the DROP are assumed to receive an annuity benefit commencing at the end of their DROP period as well as a lump sum payment equal to the number of years they were in the DROP times their annual annuity benefit. The annuity benefit is estimated based on salary and service at the time the member entered the DROP.

5. Active Member Death — 20% are assumed to be in the line of duty and 80% are other than in the line of duty.

Changes in Assumptions since the Prior Year

As a result of the 2020-2024 Experience Study, there were changes to many assumptions. Please see that Study for complete details (available on the INPRS website). Assumption changes included:

- The COLA assumption was updated to align with HEA 1221-2005.
- Disability rates were updated.
- Termination rates were updated.
- Decrement Timing changed from beginning of year to middle of year.
- Wage inflation was changed from 2.65% to 2.90% for the next five years.

Data Adjustments

Active and retired member data is reported as of June 30. Member census data as of June 30, 2024 was used in the valuation and adjusted. Standard actuarial roll-forward techniques were then used to project the liability computed as of June 30, 2024 to the June 30, 2025 valuation date. The normal cost rate is assumed to remain unchanged between June 30, 2024 and June 30, 2025.

The member total payroll and the asset information for this valuation were furnished as of June 30, 2025. Total payroll in FYE 2026 is assumed to increase by the salary growth assumption over the total payroll observed for FYE 2025. We did not audit the information provided, but we did review it thoroughly for reasonableness and compared it with the prior year’s submission for consistency.

Other Technical Valuation Procedures

Salary increases are assumed to apply to annual amounts.

Decrements are assumed to occur at the middle of the year. Standard adjustments are made for multiple decrements.

No actuarial liability is included for participants who terminated without being vested prior to the valuation date, except those due a refund of contributions.

APPENDIX D – GLOSSARY OF ACTUARIAL TERMS

Accrued Service	Service credited under the plan that was rendered before the date of the actuarial valuation.
Actuarial Assumptions	Estimates of future experience with respect to demographic or economic events. Demographic assumptions (rates of mortality, disability, turnover and retirement) are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (salary increases and investment income) consist of an underlying rate in an inflation-free environment plus a provision for a long-term average rate of inflation.
Actuarial Cost Method	A mathematical budgeting procedure for allocating the dollar amount of the actuarial present value of retirement plan benefits between future normal cost and actuarial accrued liability. Sometimes referred to as the "actuarial funding method."
Actuarial Equivalent	A single amount or series of amounts of equal value to another single amount or series of amounts computed on the basis of a given set of actuarial assumptions.
Actuarial Accrued Liability	The difference between the actuarial present value of plan benefits and the actuarial value of future normal costs. Also referred to as "accrued liability" or "actuarial liability."
Actuarial Present Value	The amount of funds currently required 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 payment.
Amortization	Paying off an interest-discounted amount with periodic payments of interest and principal, as opposed to paying off with lump sum payment.
Experience Gain (Loss)	The difference between actual experience and actuarial assumptions anticipated experience during the period between two actuarial valuation dates.
Normal Cost	The actuarial present value of retirement plan benefits allocated to the current year by the actuarial cost method.

Unfunded Actuarial Accrued Liability	The difference between actuarial liability and the actuarial value of assets. Sometimes referred to as "unfunded accrued liability" or "unfunded liability". Most retirement plans have unfunded actuarial liability. They arise anytime new benefits are added and anytime an actuarial loss is realized.